

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111224\
 Data File : VN084813.D
 Acq On : 12 Nov 2024 22:02
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/13/2024
 Supervised By : Mahesh Dadoda 11/13/2024

Quant Time: Nov 13 02:39:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.218	168	172090	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	287971	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	253478	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	138172	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	105514	42.451	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.900%
35) Dibromofluoromethane	8.165	113	84936	43.574	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.140%
50) Toluene-d8	10.565	98	310882	43.297	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	86.600%
62) 4-Bromofluorobenzene	12.847	95	132413	49.343	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.680%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.118	85	90130	45.559	ug/l	94
3) Chloromethane	2.359	50	98063	41.832	ug/l	97
4) Vinyl Chloride	2.512	62	108330	50.912	ug/l	99
5) Bromomethane	2.900	94	55659	49.371	ug/l	98
6) Chloroethane	3.065	64	68801	52.300	ug/l	98
7) Trichlorofluoromethane	3.465	101	168155	47.975	ug/l	98
8) Diethyl Ether	3.953	74	60014	48.538	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.347	101	94566	47.747	ug/l	97
10) Methyl Iodide	4.577	142	136221	51.462	ug/l	96
11) Tert butyl alcohol	5.547	59	83698	255.109	ug/l	100
12) 1,1-Dichloroethene	4.324	96	91115	46.493	ug/l	94
13) Acrolein	4.171	56	79251	242.240	ug/l	96
14) Allyl chloride	5.012	41	149704	47.103	ug/l	92
15) Acrylonitrile	5.718	53	240749	253.474	ug/l	99
16) Acetone	4.424	43	189024	263.423	ug/l	93
17) Carbon Disulfide	4.694	76	260011	43.083	ug/l	99
18) Methyl Acetate	5.018	43	124185	47.120	ug/l	96
19) Methyl tert-butyl Ether	5.788	73	312664	52.052	ug/l	98
20) Methylene Chloride	5.265	84	103922	47.538	ug/l	90
21) trans-1,2-Dichloroethene	5.777	96	93345	46.387	ug/l	98
22) Diisopropyl ether	6.665	45	302873	47.960	ug/l	98
23) Vinyl Acetate	6.594	43	1109027	254.656	ug/l	98
24) 1,1-Dichloroethane	6.559	63	181399	47.844	ug/l	98
25) 2-Butanone	7.476	43	300051	258.755	ug/l	97
26) 2,2-Dichloropropane	7.482	77	140899	42.697	ug/l	96
27) cis-1,2-Dichloroethene	7.482	96	114771	48.845	ug/l	95
28) Bromochloromethane	7.812	49	74699	49.451	ug/l	89
29) Tetrahydrofuran	7.835	42	198396	257.894	ug/l	93
30) Chloroform	7.965	83	189710	49.160	ug/l	97
31) Cyclohexane	8.247	56	158906	46.307	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	177479	50.529	ug/l	97
36) 1,1-Dichloropropene	8.365	75	128286	47.455	ug/l	99
37) Ethyl Acetate	7.553	43	125746	51.268	ug/l	97
38) Carbon Tetrachloride	8.359	117	152079	50.330	ug/l	97
39) Methylcyclohexane	9.600	83	144939	52.702	ug/l	100
40) Benzene	8.600	78	418110	48.160	ug/l	98

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 Supervised By :Mahesh Dadoda 11/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	69677	52.827	ug/l	95
42) 1,2-Dichloroethane	8.665	62	136813	48.660	ug/l	99
43) Isopropyl Acetate	8.688	43	225055	49.661	ug/l	99
44) Trichloroethene	9.347	130	96787	48.340	ug/l	93
45) 1,2-Dichloropropane	9.618	63	99110	48.666	ug/l	100
46) Dibromomethane	9.706	93	69842	48.601	ug/l	97
47) Bromodichloromethane	9.882	83	147607	48.728	ug/l	93
48) Methyl methacrylate	9.676	41	102068	53.470	ug/l	97
49) 1,4-Dioxane	9.694	88	37426	1106.413	ug/l #	92
51) 4-Methyl-2-Pentanone	10.441	43	632857	270.664	ug/l	98
52) Toluene	10.629	92	259485	51.105	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	147706	47.107	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	160136	48.253	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	94080	49.189	ug/l	96
56) Ethyl methacrylate	10.870	69	154609	55.886	ug/l	95
57) 1,3-Dichloropropane	11.159	76	164051	49.978	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	344521	266.133	ug/l	97
59) 2-Hexanone	11.194	43	468623	275.351	ug/l	96
60) Dibromochloromethane	11.359	129	112872	51.781	ug/l	99
61) 1,2-Dibromoethane	11.470	107	97027	49.539	ug/l	100
64) Tetrachloroethene	11.100	164	84307	50.003	ug/l	98
65) Chlorobenzene	11.888	112	273383	48.209	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.959	131	99324	50.355	ug/l	97
67) Ethyl Benzene	11.959	91	486986	51.447	ug/l	98
68) m/p-Xylenes	12.070	106	368973	102.961	ug/l	99
69) o-Xylene	12.394	106	179562	53.562	ug/l	100
70) Styrene	12.406	104	304280	52.031	ug/l	99
71) Bromoform	12.576	173	77509	52.222	ug/l #	97
73) Isopropylbenzene	12.694	105	460924	47.603	ug/l	100
74) N-amyl acetate	12.494	43	193590	46.975	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	143503	44.401	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	113281m	41.014	ug/l	
77) Bromobenzene	12.976	156	110212	42.340	ug/l	94
78) n-propylbenzene	13.035	91	518656	45.711	ug/l	98
79) 2-Chlorotoluene	13.123	91	332575	44.858	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	392969	48.967	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	48859	41.967	ug/l	99
82) 4-Chlorotoluene	13.217	91	328776	42.138	ug/l	98
83) tert-Butylbenzene	13.435	119	328866	49.514	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	400528	48.356	ug/l	99
85) sec-Butylbenzene	13.611	105	446198	47.559	ug/l	100
86) p-Isopropyltoluene	13.729	119	382105	49.660	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	204226	40.202	ug/l	100
88) 1,4-Dichlorobenzene	13.811	146	205910	44.025	ug/l	99
89) n-Butylbenzene	14.053	91	309990	43.069	ug/l	99
90) Hexachloroethane	14.329	117	72832	42.445	ug/l	95
91) 1,2-Dichlorobenzene	14.105	146	203932	41.776	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	27708	42.318	ug/l	93
93) 1,2,4-Trichlorobenzene	15.388	180	101891	38.134	ug/l	99
94) Hexachlorobutadiene	15.494	225	46554	39.676	ug/l	99
95) Naphthalene	15.641	128	348135	43.530	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	102835	39.648	ug/l	98

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ClientSampleId :
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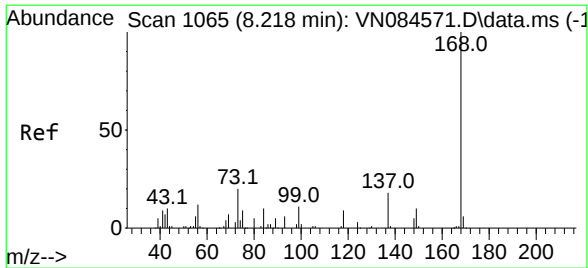
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
Response via : Initial Calibration

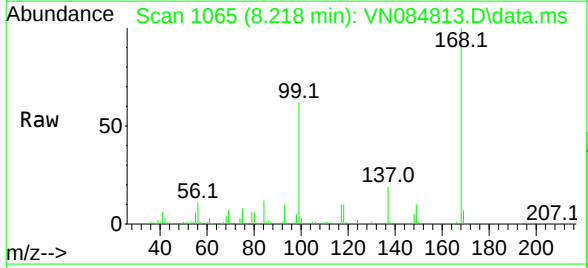
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.006 min
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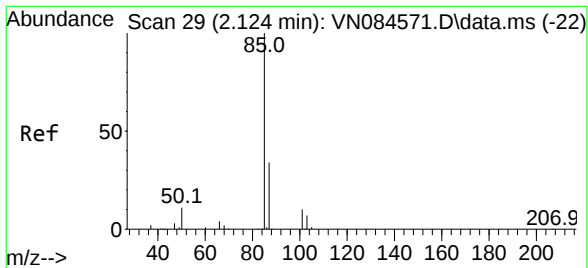
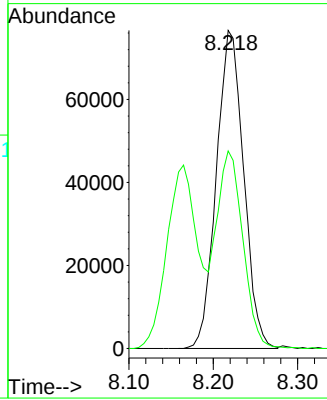
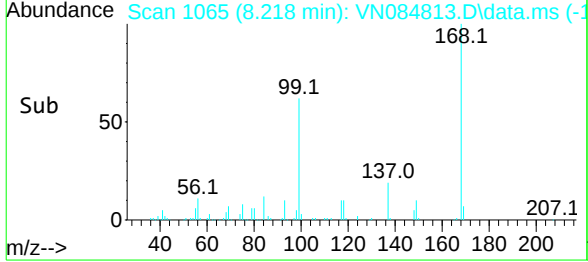
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



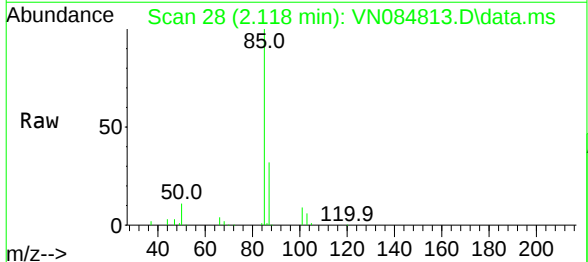
Tgt Ion: 168 Resp: 172090
Ion Ratio Lower Upper
168 100
99 61.6 54.2 81.2

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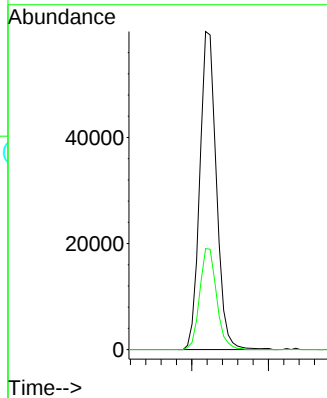
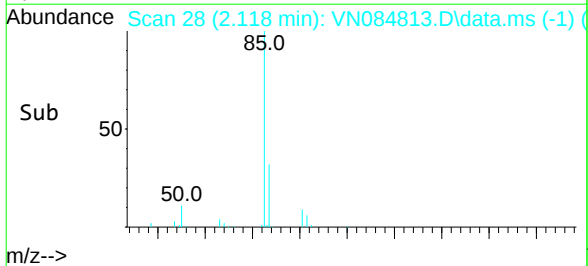
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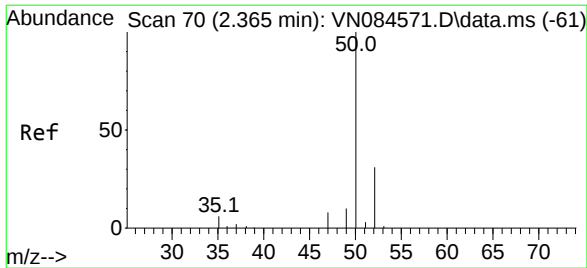


#2
Dichlorodifluoromethane
Concen: 45.559 ug/l
RT: 2.118 min Scan# 28
Delta R.T. -0.006 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02



Tgt Ion: 85 Resp: 90130
Ion Ratio Lower Upper
85 100
87 31.8 17.6 52.9





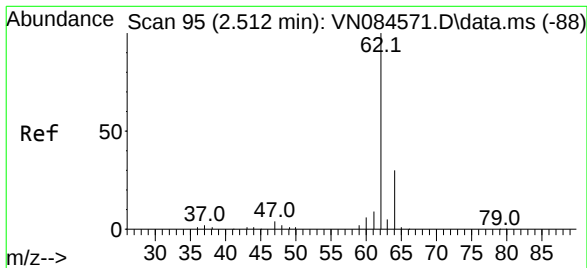
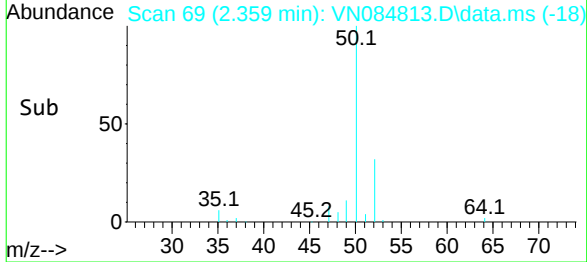
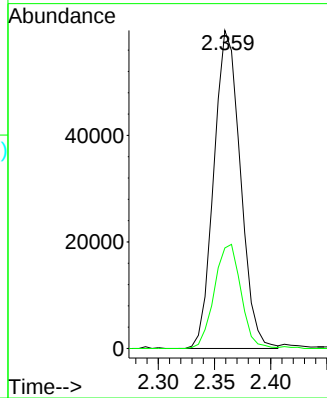
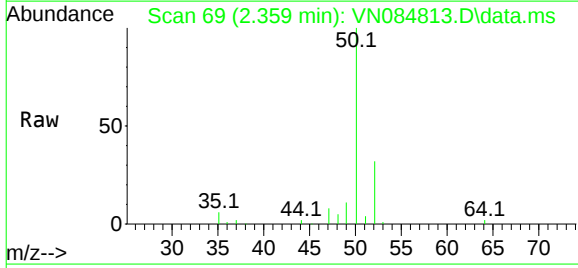
#3
Chloromethane
Concen: 41.832 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 98063
Ion Ratio Lower Upper
50 100
52 31.6 26.8 40.2

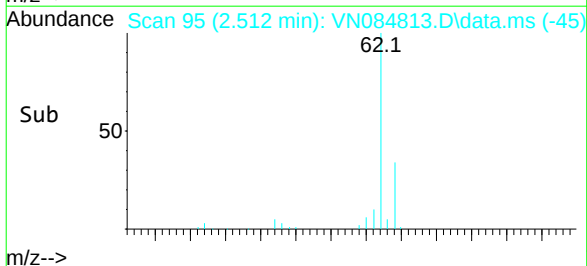
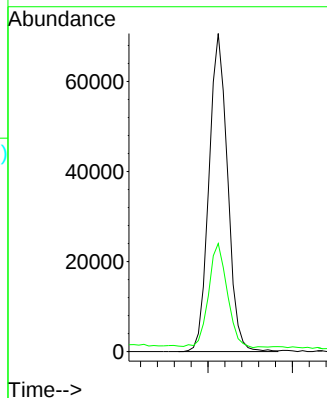
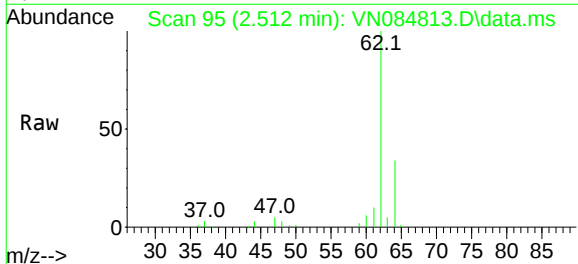
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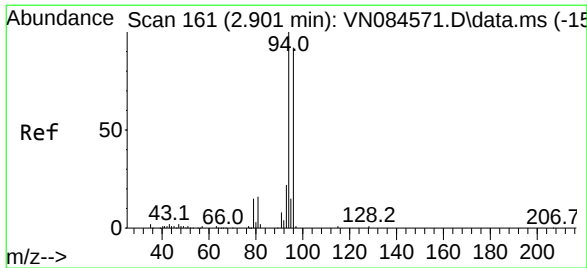
Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#4
Vinyl Chloride
Concen: 50.912 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

Tgt Ion: 62 Resp: 108330
Ion Ratio Lower Upper
62 100
64 32.4 26.2 39.4





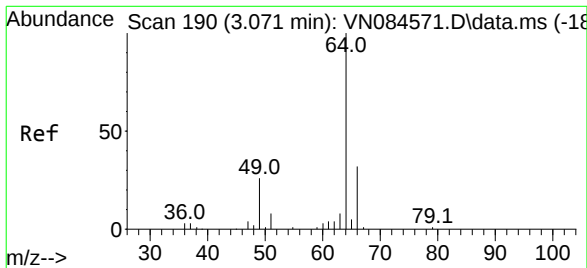
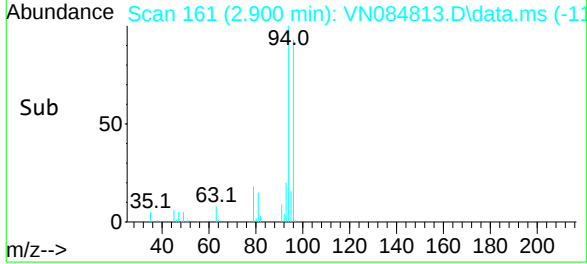
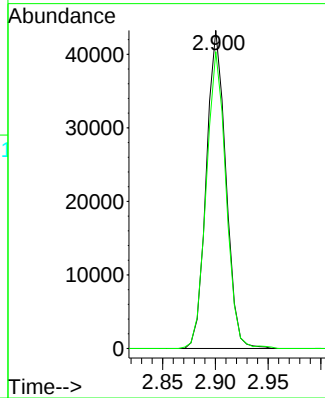
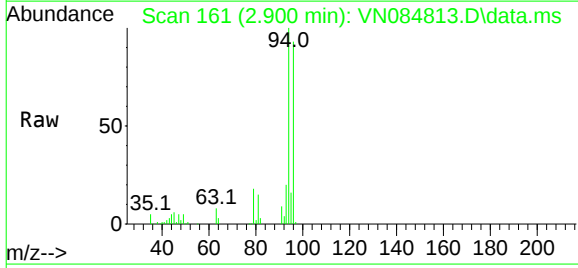
#5
Bromomethane
Concen: 49.371 ug/l
RT: 2.900 min Scan# 161
Delta R.T. -0.053 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 55659
Ion Ratio Lower Upper
94 100
96 93.4 72.9 109.3

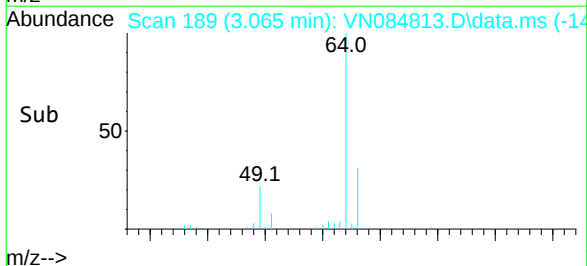
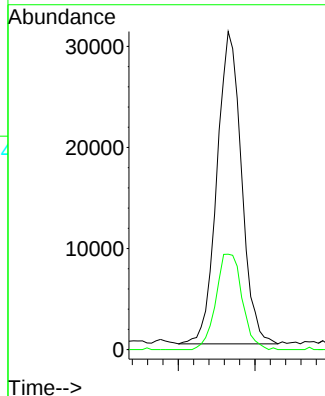
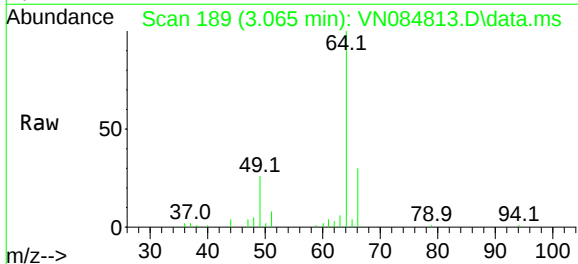
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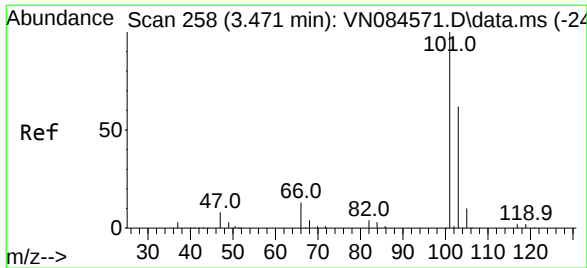
Reviewed By :John Carlone 11/13/2024
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#6
Chloroethane
Concen: 52.300 ug/l
RT: 3.065 min Scan# 189
Delta R.T. -0.053 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

Tgt Ion: 64 Resp: 68801
Ion Ratio Lower Upper
64 100
66 30.5 23.5 35.3





#7
 Trichlorofluoromethane
 Concen: 47.975 ug/l
 RT: 3.465 min Scan# 258
 Delta R.T. -0.030 min
 Lab File: VN084813.D
 Acq: 12 Nov 2024 22:02

Instrument :

MSVOA_N

ClientSampleId :

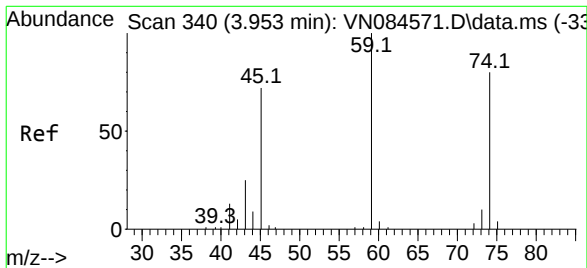
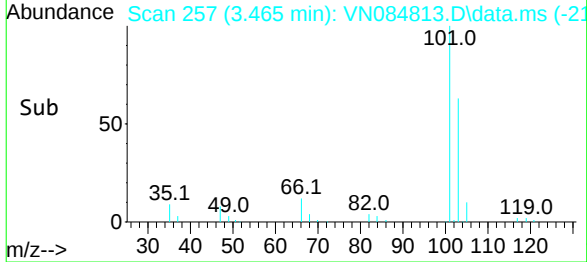
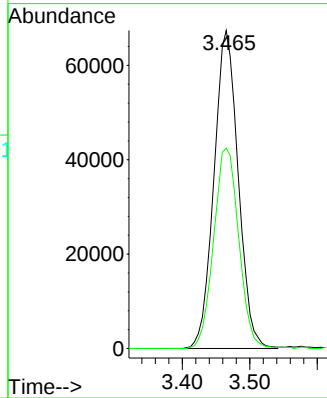
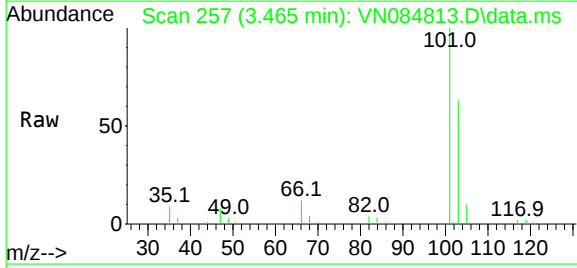
VSTDCCC050EC

Tgt Ion:101 Resp: 168155
 Ion Ratio Lower Upper
 101 100
 103 63.0 51.8 77.6

Manual Integrations

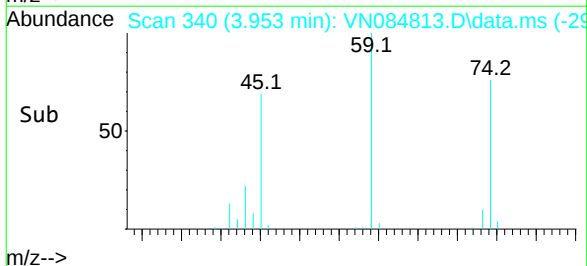
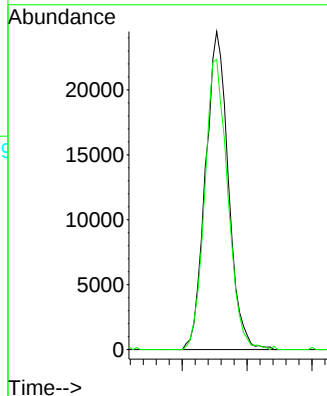
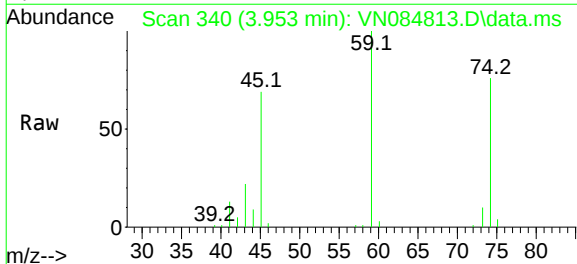
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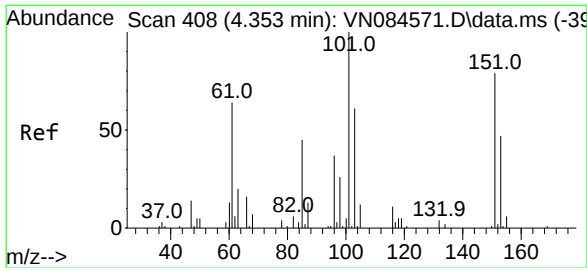
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#8
 Diethyl Ether
 Concen: 48.538 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VN084813.D
 Acq: 12 Nov 2024 22:02

Tgt Ion: 74 Resp: 60014
 Ion Ratio Lower Upper
 74 100
 45 92.0 47.7 143.1





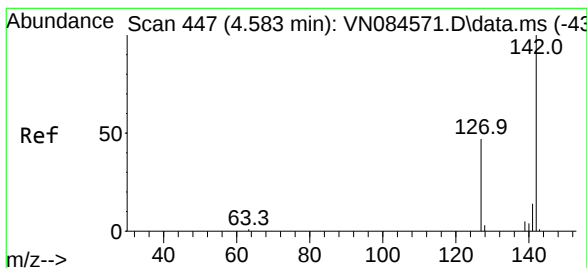
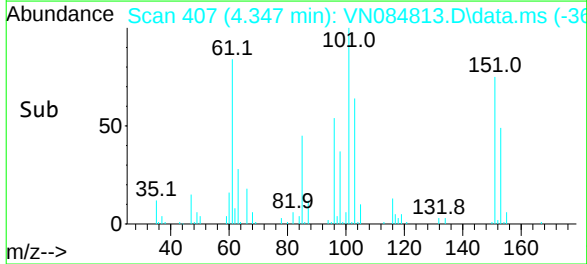
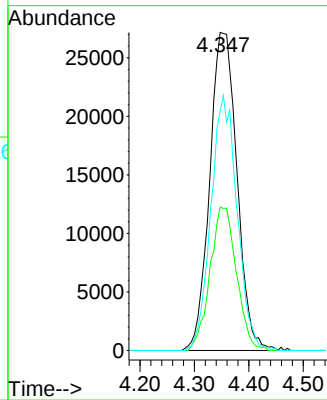
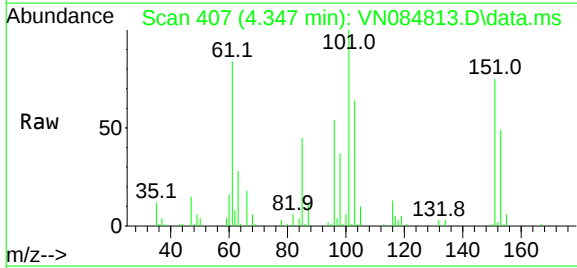
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.747 ug/l
RT: 4.347 min Scan# 408
Delta R.T. -0.024 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 94566
Ion Ratio Lower Upper
101 100
85 43.7 36.2 54.4
151 77.2 59.3 88.9

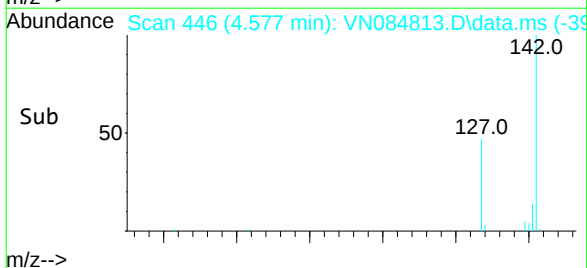
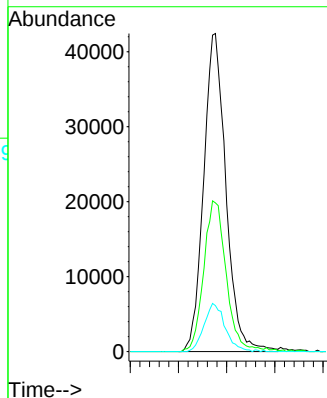
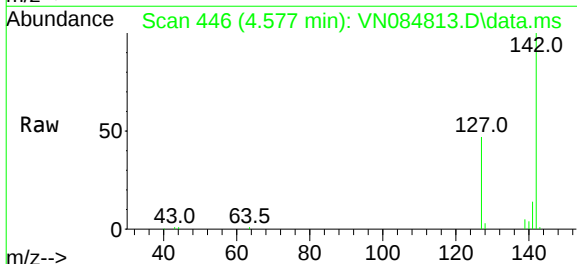
Manual Integrations
APPROVED

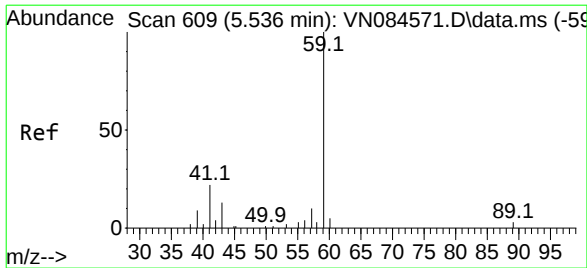
Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#10
Methyl Iodide
Concen: 51.462 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.018 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

Tgt Ion:142 Resp: 136221
Ion Ratio Lower Upper
142 100
127 46.8 35.3 52.9
141 14.5 11.0 16.6





#11

Tert butyl alcohol

Concen: 255.109 ug/l

RT: 5.547 min Scan# 61

Delta R.T. 0.023 min

Lab File: VN084813.D

Acq: 12 Nov 2024 22:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 83698

Ion Ratio Lower Upper

59 100

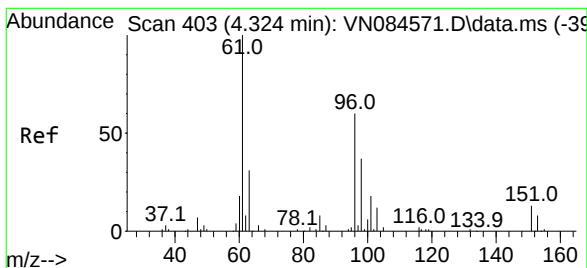
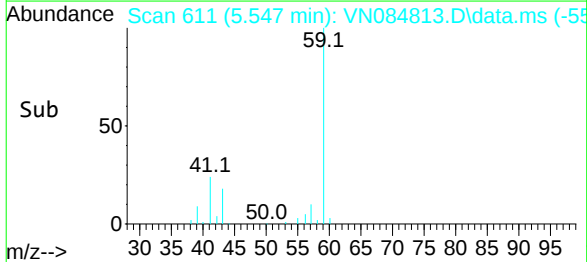
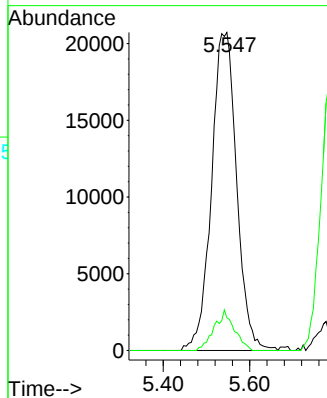
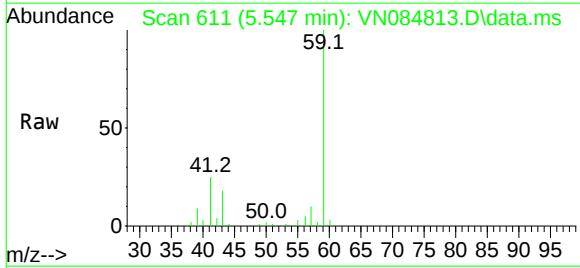
57 10.1 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2024

Supervised By :Mahesh Dadoda 11/13/2024



#12

1,1-Dichloroethene

Concen: 46.493 ug/l

RT: 4.324 min Scan# 403

Delta R.T. -0.018 min

Lab File: VN084813.D

Acq: 12 Nov 2024 22:02

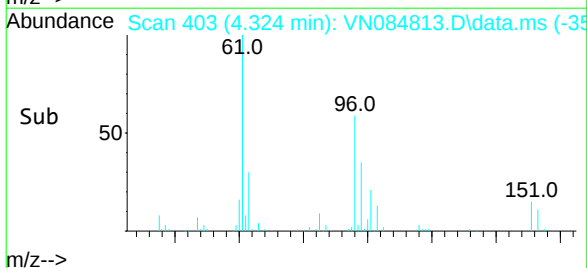
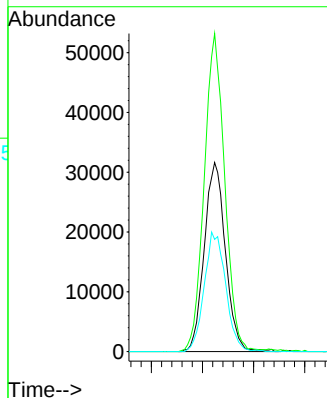
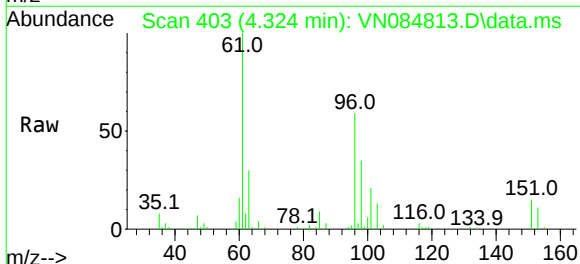
Tgt Ion: 96 Resp: 91115

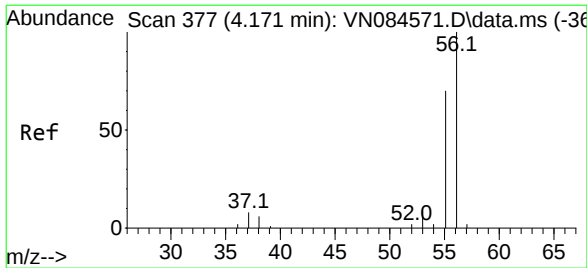
Ion Ratio Lower Upper

96 100

61 168.2 128.6 192.8

98 59.3 51.7 77.5





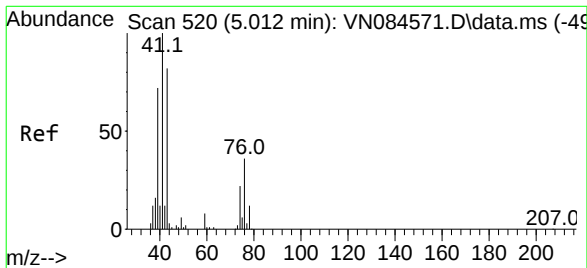
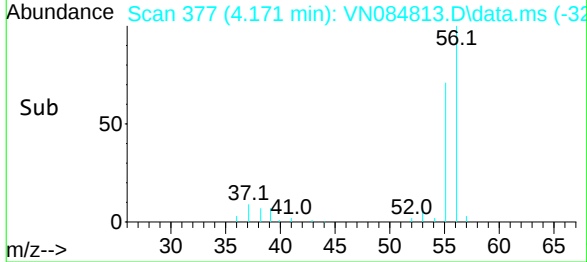
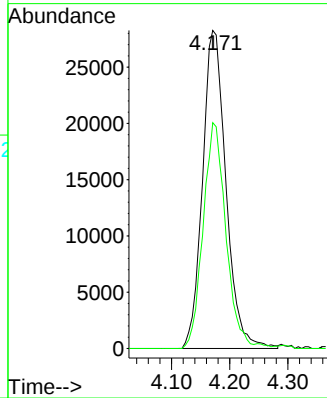
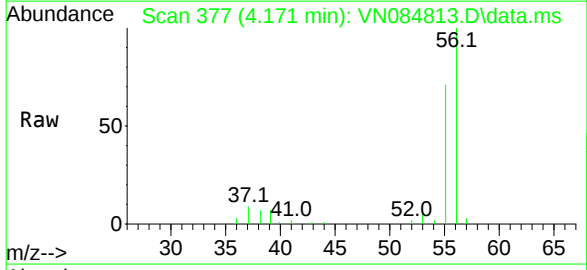
#13
Acrolein
Concen: 242.240 ug/l
RT: 4.171 min Scan# 371
Delta R.T. -0.006 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 79251
Ion Ratio Lower Upper
56 100
55 68.4 57.2 85.8

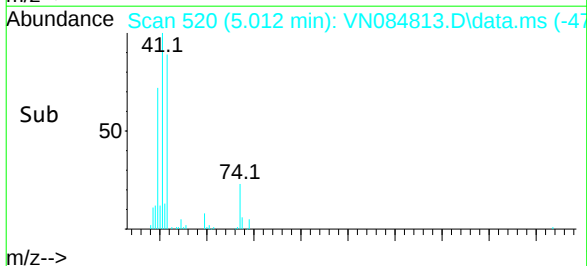
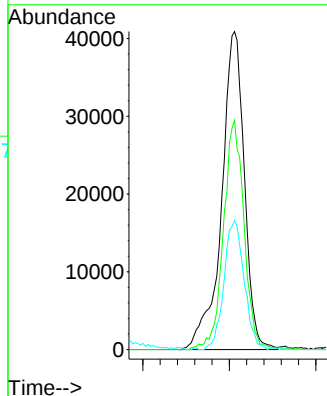
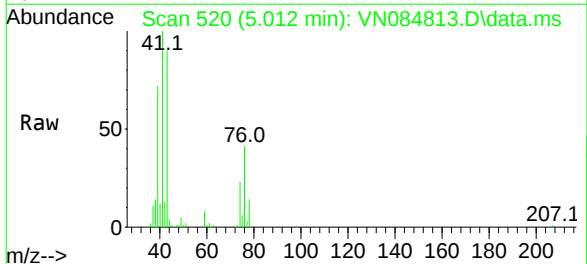
Manual Integrations
APPROVED

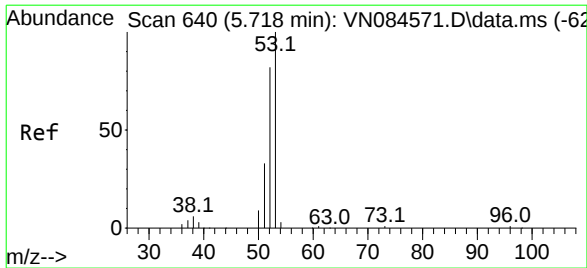
Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#14
Allyl chloride
Concen: 47.103 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.012 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

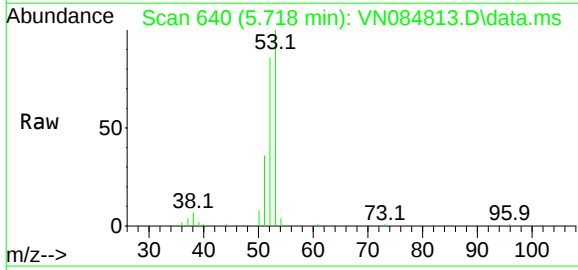
Tgt Ion: 41 Resp: 149704
Ion Ratio Lower Upper
41 100
39 64.7 59.0 88.6
76 35.9 29.8 44.6





#15
Acrylonitrile
Concen: 253.474 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

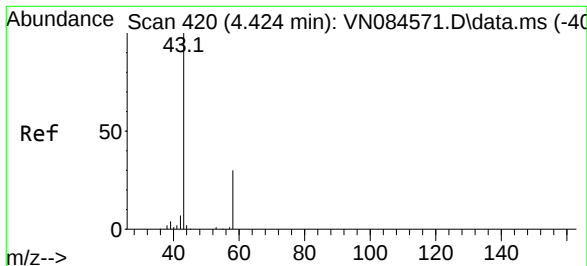
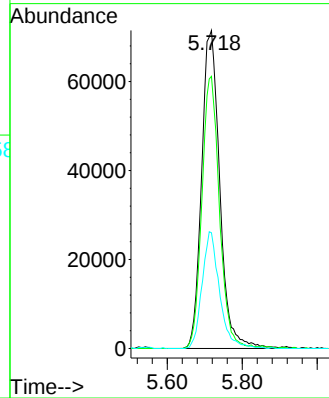
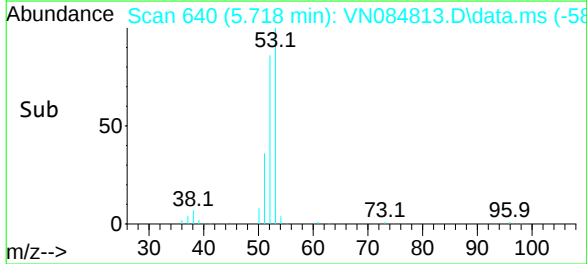
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 240749
Ion Ratio Lower Upper
53 100
52 82.5 66.2 99.4
51 35.4 28.8 43.2

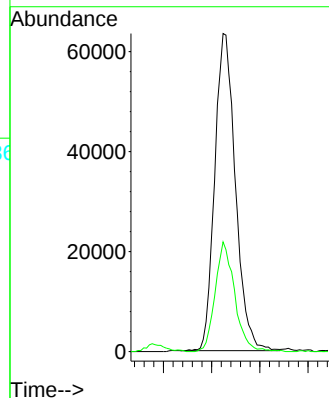
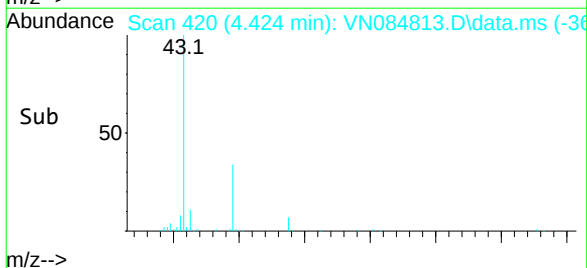
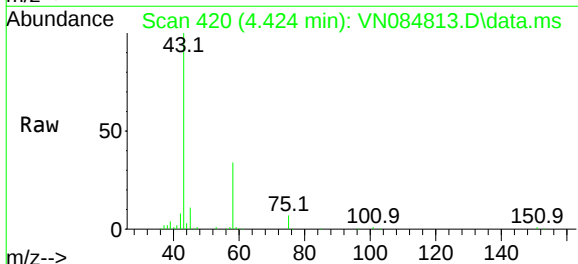
Manual Integrations
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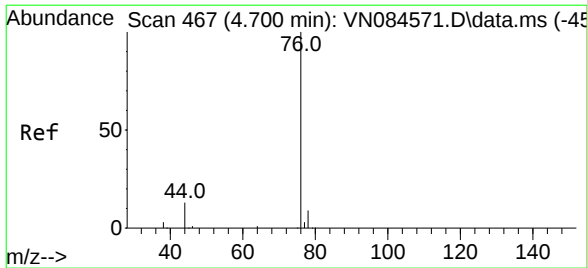
Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#16
Acetone
Concen: 263.423 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

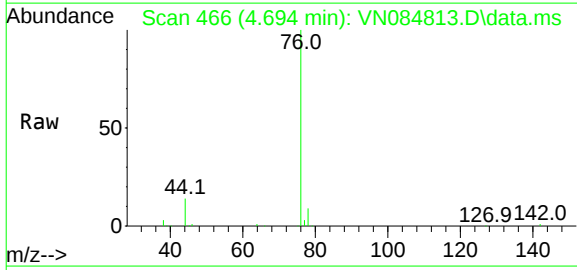
Tgt Ion: 43 Resp: 189024
Ion Ratio Lower Upper
43 100
58 34.2 24.4 36.6





#17
Carbon Disulfide
Concen: 43.083 ug/l
RT: 4.694 min Scan# 46
Delta R.T. -0.018 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

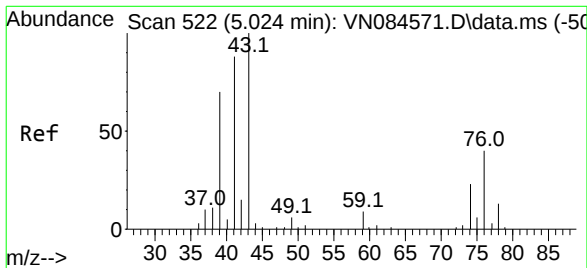
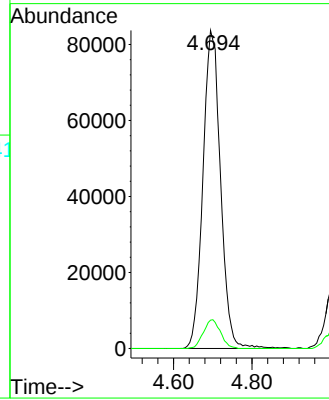
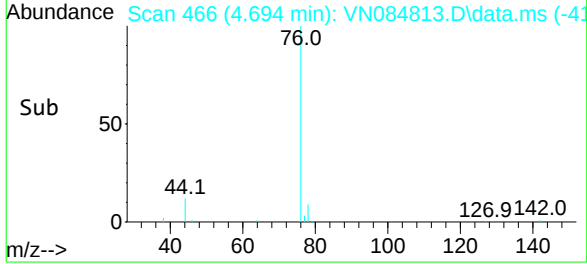
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 260011
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9

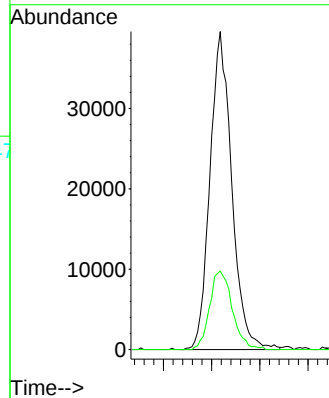
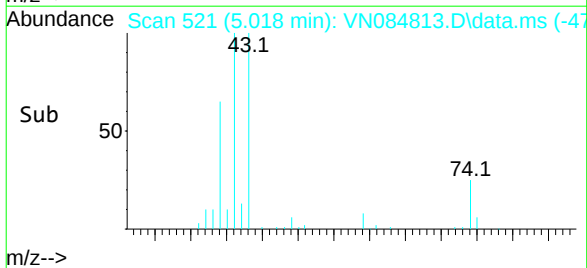
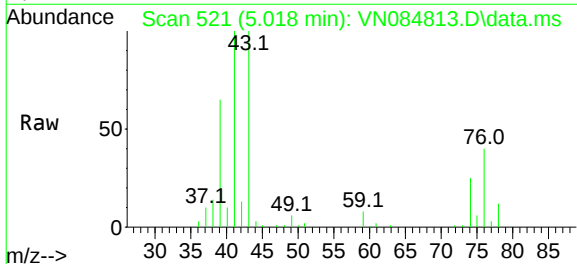
Manual Integrations
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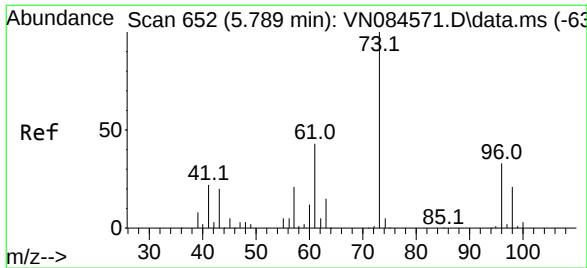
Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#18
Methyl Acetate
Concen: 47.120 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

Tgt Ion: 43 Resp: 124185
Ion Ratio Lower Upper
43 100
74 25.8 19.2 28.8





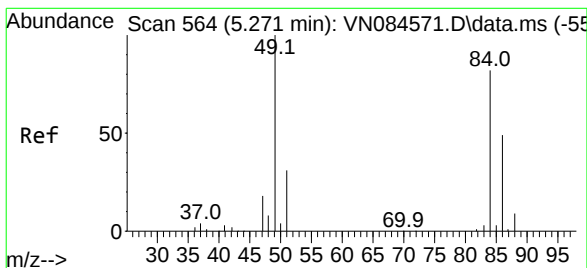
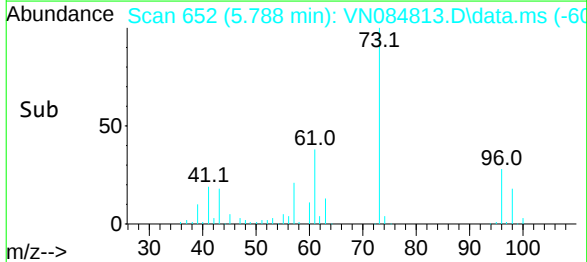
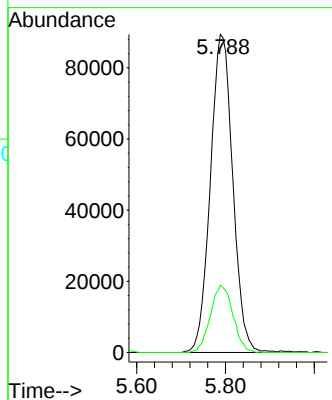
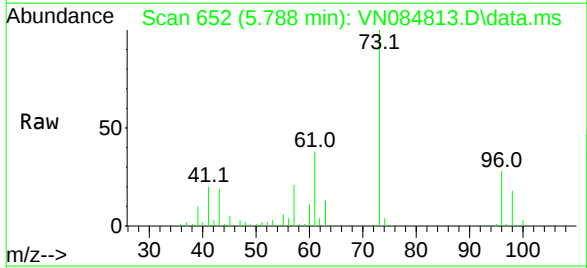
#19
Methyl tert-butyl Ether
Concen: 52.052 ug/l
RT: 5.788 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 312664
Ion Ratio Lower Upper
73 100
57 21.1 17.7 26.5

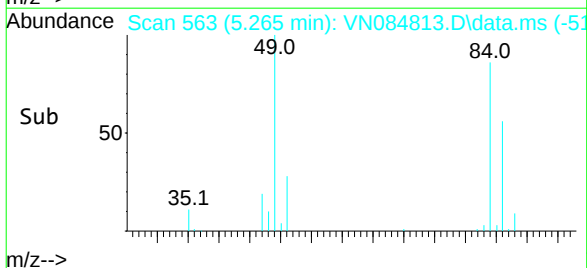
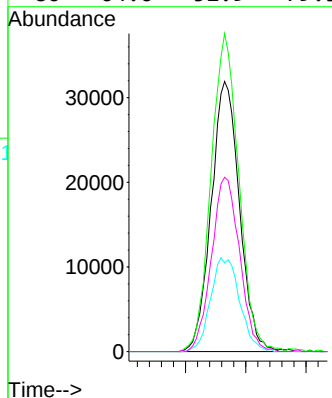
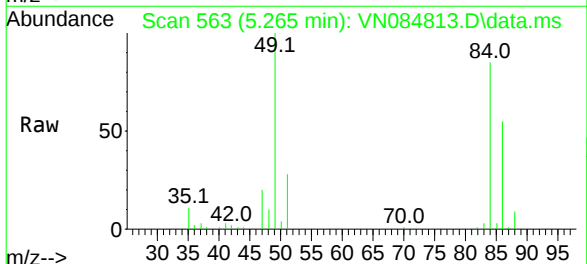
Manual Integrations
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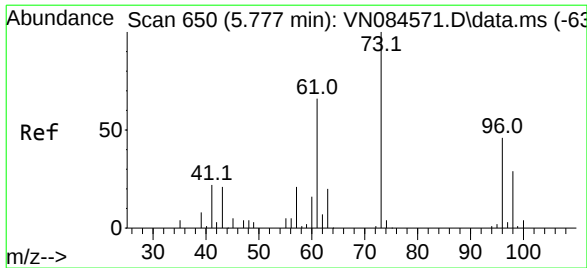
Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#20
Methylene Chloride
Concen: 47.538 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

Tgt Ion: 84 Resp: 103922
Ion Ratio Lower Upper
84 100
49 117.7 107.2 160.8
51 32.8 31.8 47.8
86 64.6 52.9 79.3





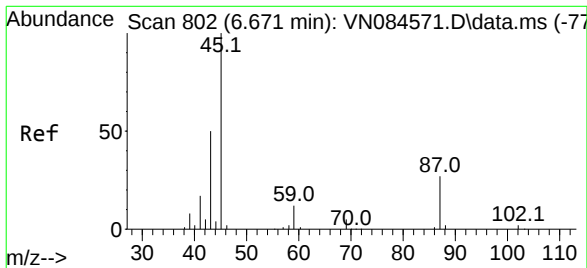
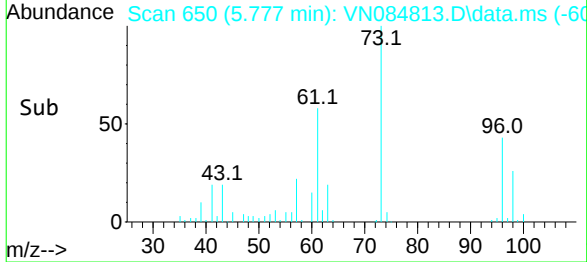
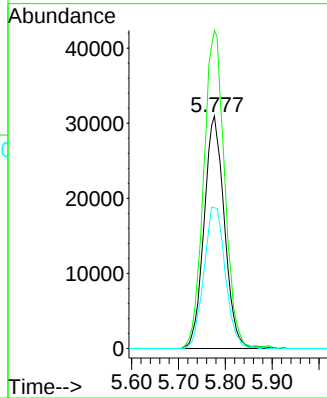
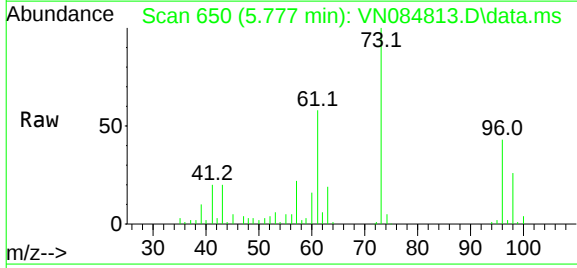
#21
trans-1,2-Dichloroethene
Concen: 46.387 ug/l
RT: 5.777 min Scan# 650
Delta R.T. -0.012 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 93345
Ion Ratio Lower Upper
96 100
61 136.9 108.4 162.6
98 60.6 49.8 74.8

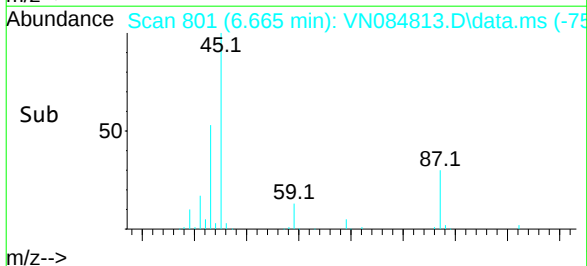
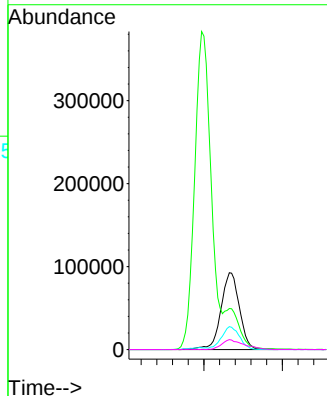
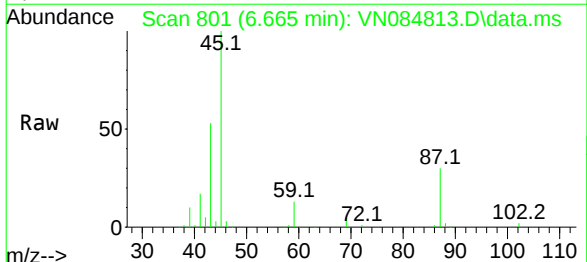
Manual Integrations
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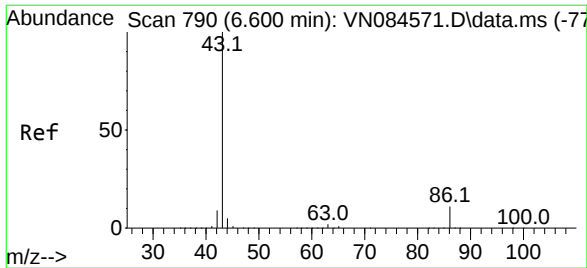
Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#22
Diisopropyl ether
Concen: 47.960 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

Tgt Ion: 45 Resp: 302873
Ion Ratio Lower Upper
45 100
43 52.8 42.3 63.5
87 29.9 21.8 32.6
59 13.0 9.6 14.4





#23

Vinyl Acetate

Concen: 254.656 ug/l

RT: 6.594 min Scan# 78

Delta R.T. -0.006 min

Lab File: VN084813.D

Acq: 12 Nov 2024 22:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1109027

Ion Ratio Lower Upper

43 100

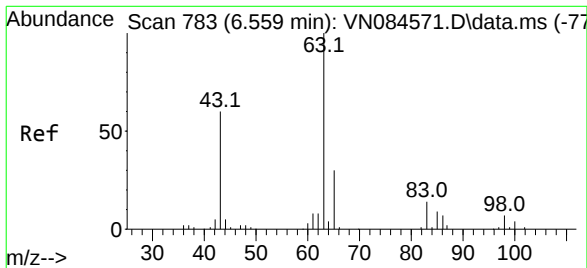
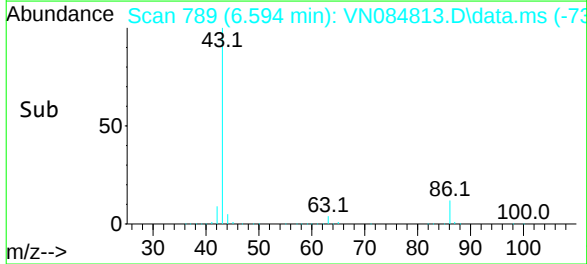
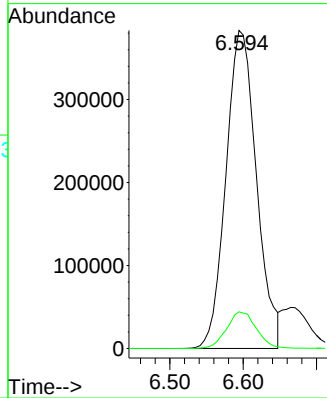
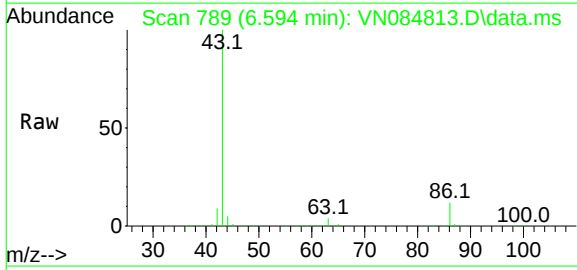
86 11.5 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2024

Supervised By :Mahesh Dadoda 11/13/2024



#24

1,1-Dichloroethane

Concen: 47.844 ug/l

RT: 6.559 min Scan# 783

Delta R.T. -0.012 min

Lab File: VN084813.D

Acq: 12 Nov 2024 22:02

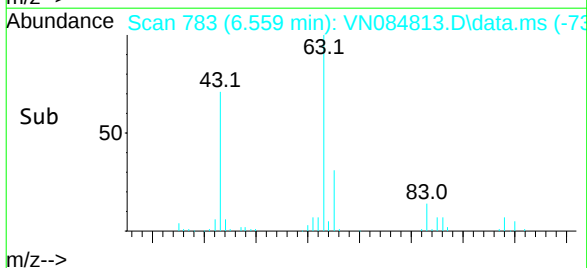
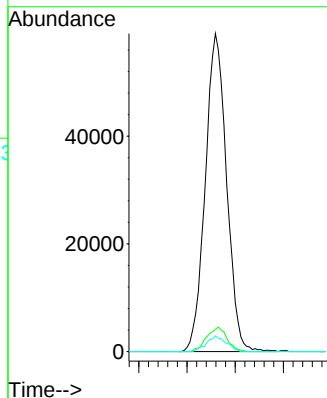
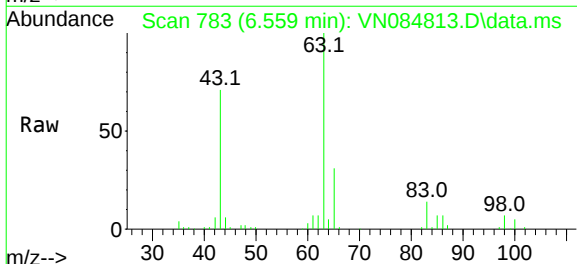
Tgt Ion: 63 Resp: 181399

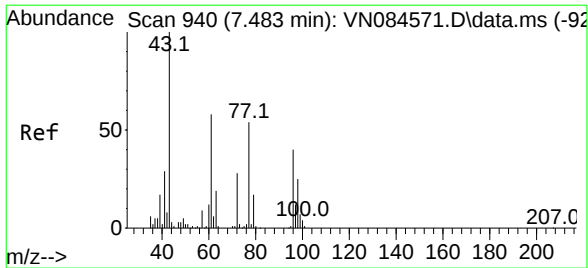
Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.2

100 5.0 2.0 5.8





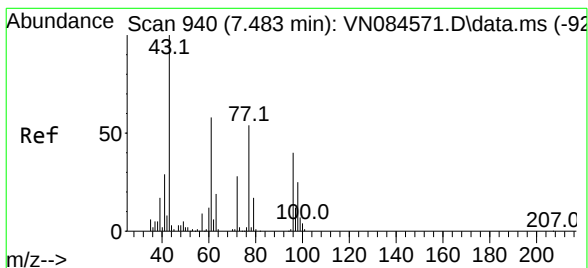
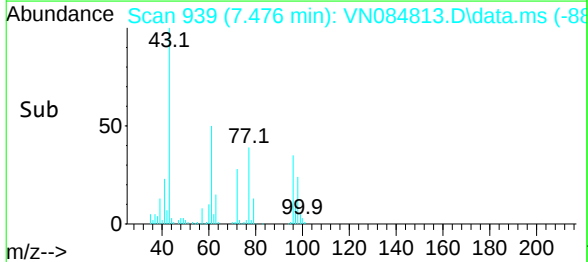
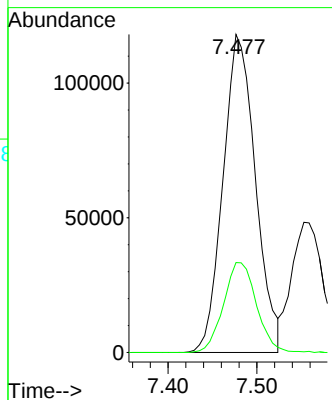
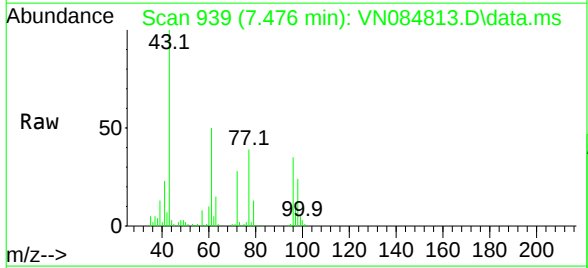
#25
2-Butanone
Concen: 258.755 ug/l
RT: 7.476 min Scan# 931
Delta R.T. -0.006 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 300051
Ion Ratio Lower Upper
43 100
72 28.3 21.4 32.2

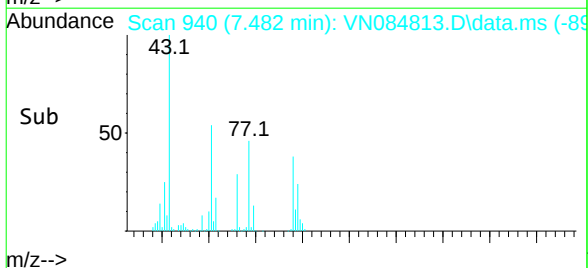
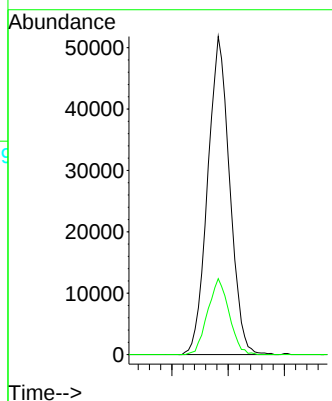
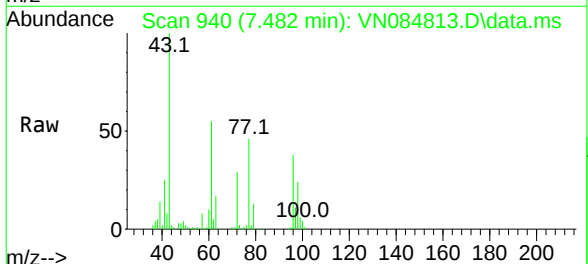
Manual Integrations
APPROVED

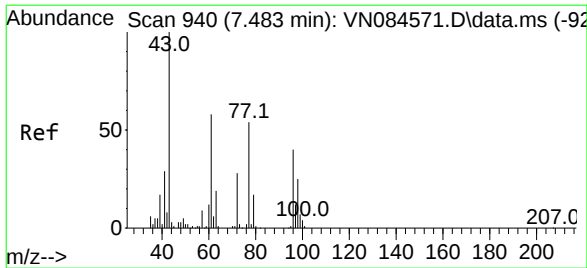
Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#26
2,2-Dichloropropane
Concen: 42.697 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

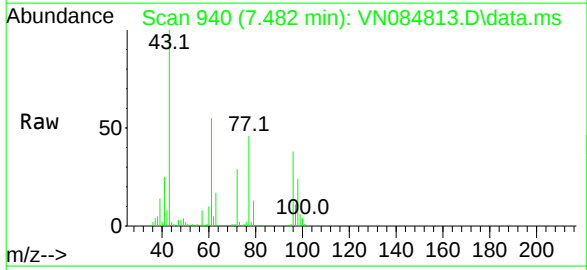
Tgt Ion: 77 Resp: 140899
Ion Ratio Lower Upper
77 100
97 23.2 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 48.845 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.006 min
 Lab File: VN084813.D
 Acq: 12 Nov 2024 22:02

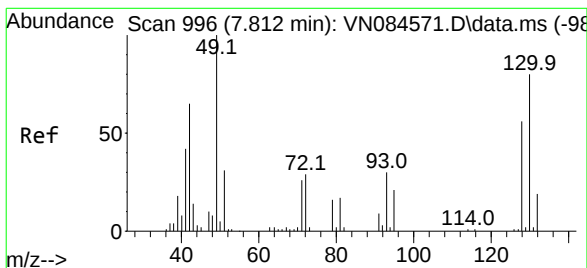
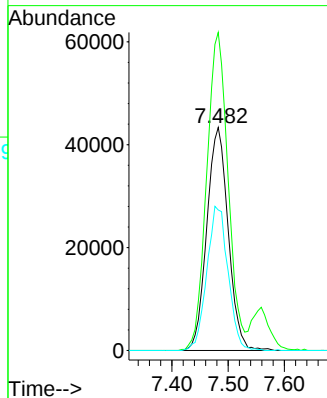
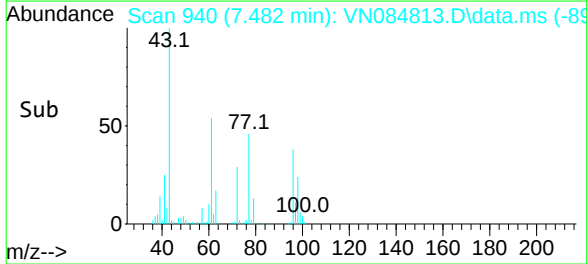
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 114771
 Ion Ratio Lower Upper
 96 100
 61 142.0 0.0 301.8
 98 64.2 0.0 128.2

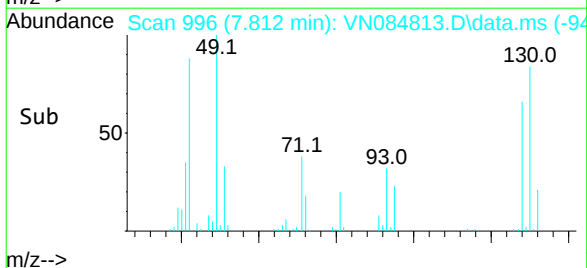
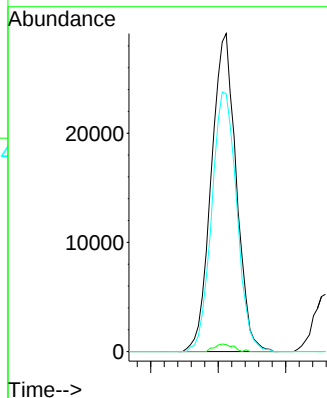
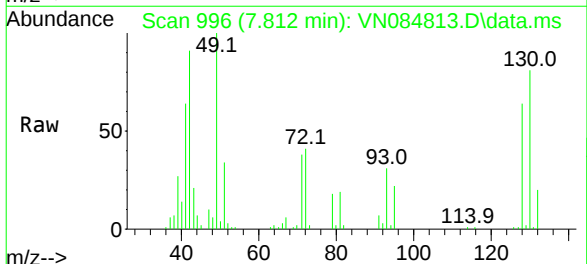
Manual Integrations
 APPROVED

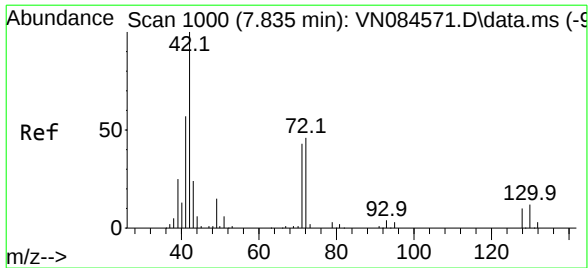
Reviewed By :John Carlone 11/13/2024
 Supervised By :Mahesh Dadoda 11/13/2024



#28
 Bromochloromethane
 Concen: 49.451 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN084813.D
 Acq: 12 Nov 2024 22:02

Tgt Ion: 49 Resp: 74699
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.6
 130 82.0 58.0 87.0





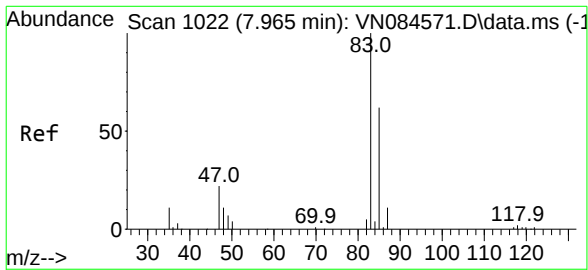
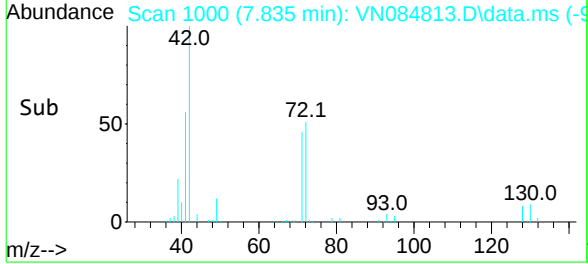
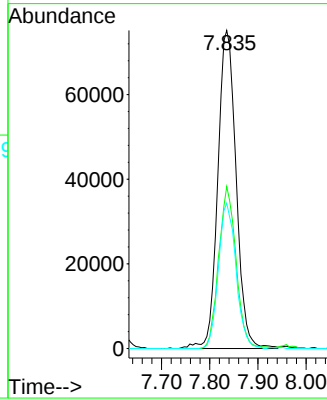
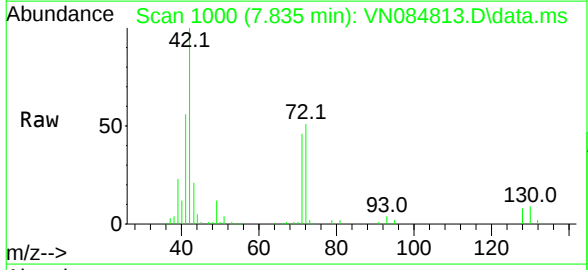
#29
Tetrahydrofuran
Concen: 257.894 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 198396
Ion Ratio Lower Upper
42 100
72 48.3 34.6 51.8
71 43.8 32.2 48.4

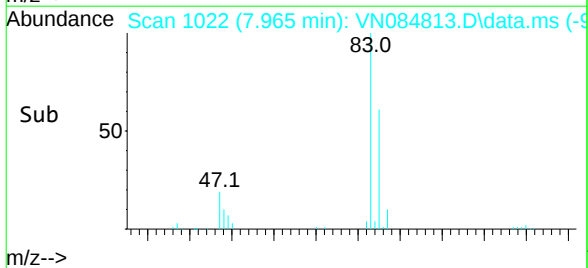
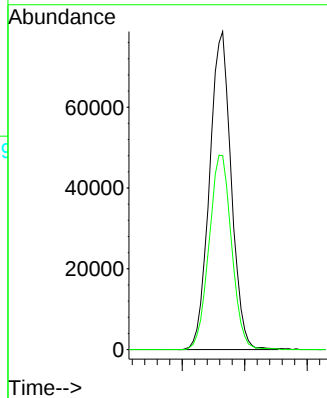
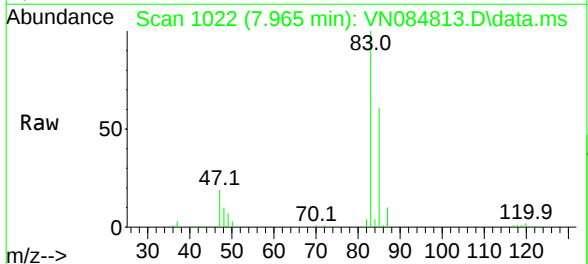
Manual Integrations
APPROVED

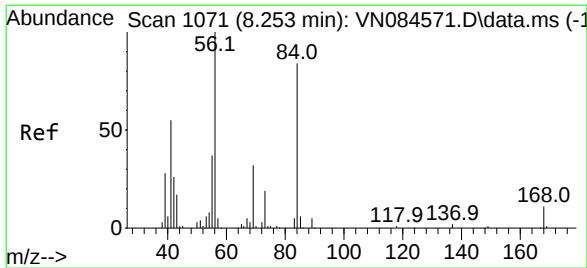
Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#30
Chloroform
Concen: 49.160 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

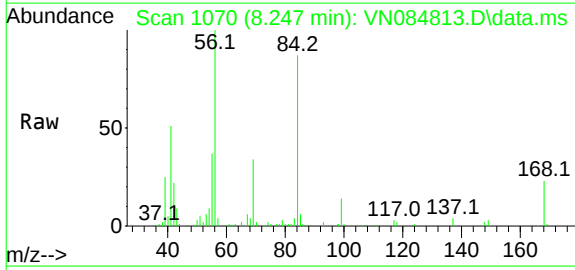
Tgt Ion: 83 Resp: 189710
Ion Ratio Lower Upper
83 100
85 61.0 51.0 76.4





#31
Cyclohexane
Concen: 46.307 ug/l
RT: 8.247 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

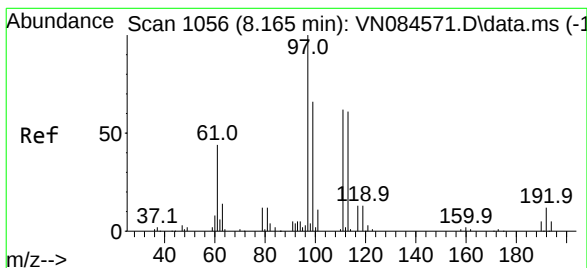
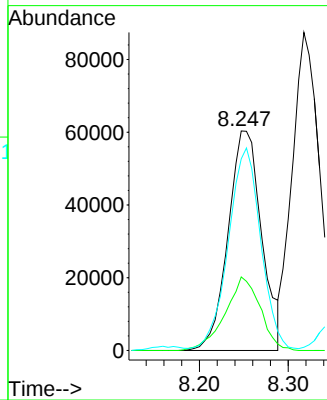
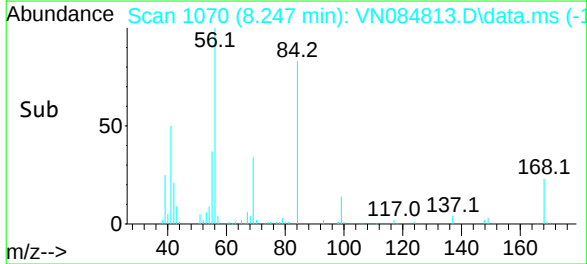
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 158906
Ion Ratio Lower Upper
56 100
69 33.5 23.8 35.6
84 85.8 68.8 103.2

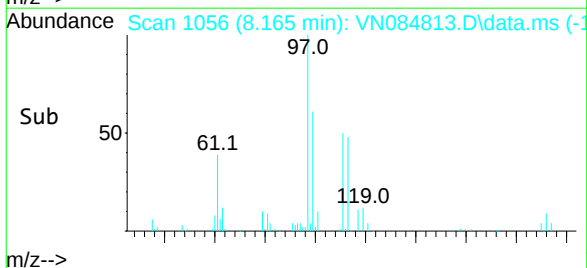
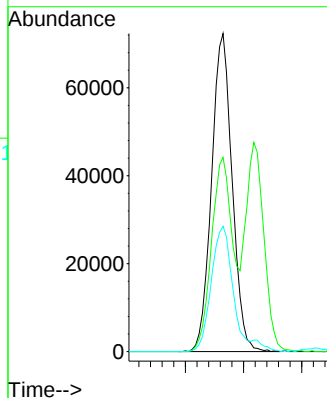
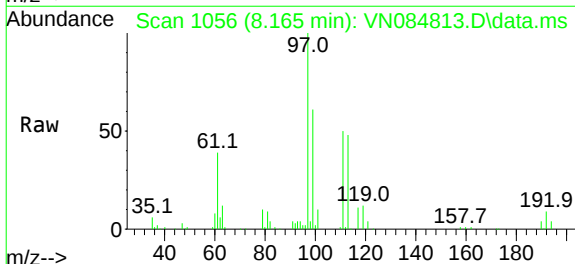
Manual Integrations
APPROVED

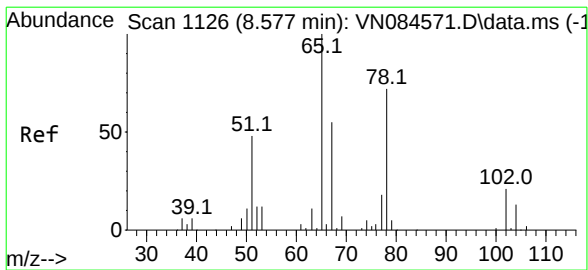
Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#32
1,1,1-Trichloroethane
Concen: 50.529 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

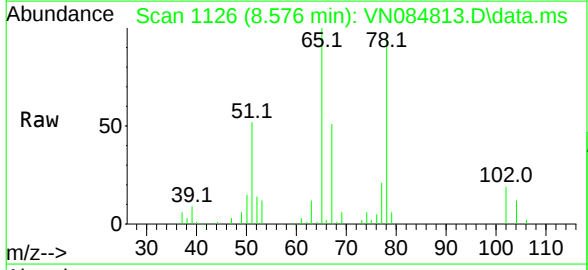
Tgt Ion: 97 Resp: 177479
Ion Ratio Lower Upper
97 100
99 64.3 51.2 76.8
61 42.9 37.5 56.3





#33
1,2-Dichloroethane-d4
Concen: 42.451 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.001 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

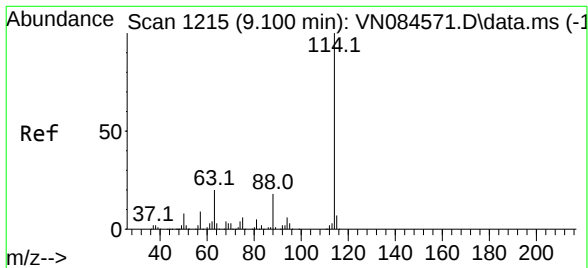
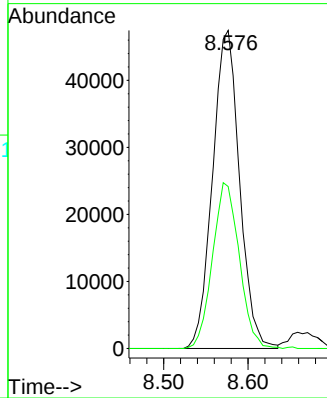
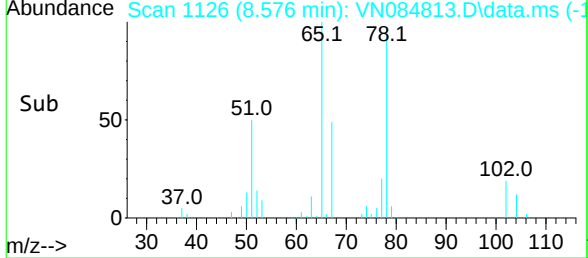
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 65 Resp: 105514
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.0

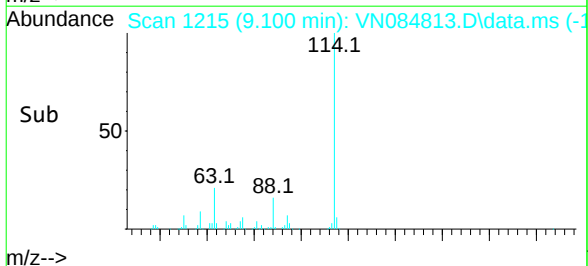
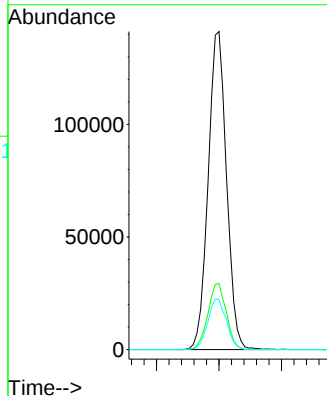
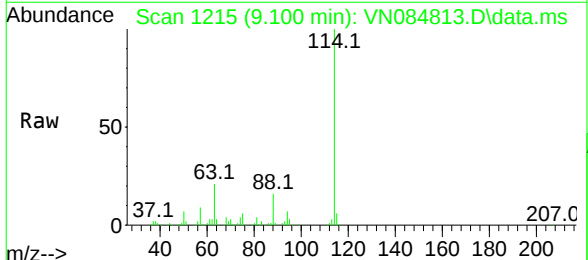
Manual Integrations
APPROVED

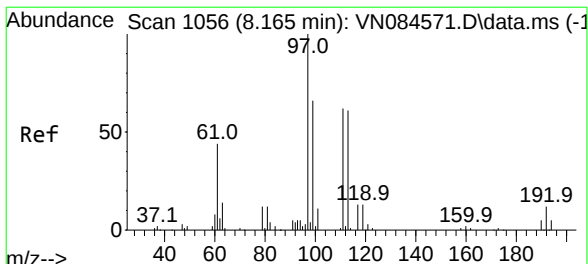
Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

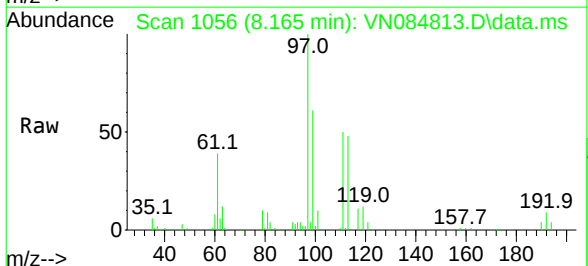
Tgt Ion:114 Resp: 287971
Ion Ratio Lower Upper
114 100
63 20.8 0.0 43.8
88 15.8 0.0 31.6





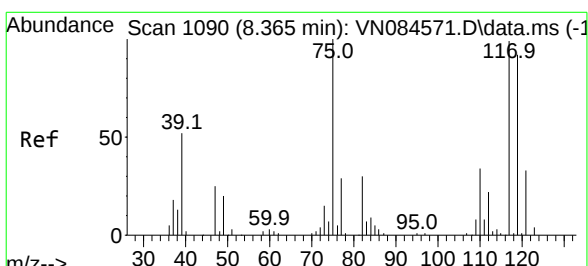
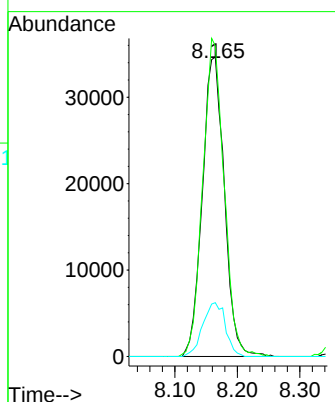
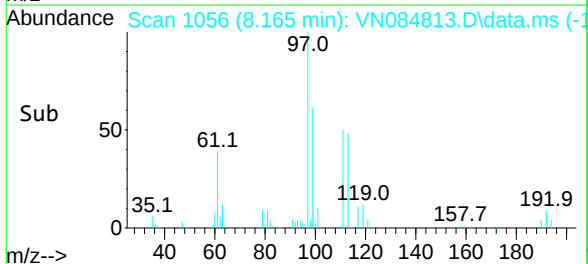
#35
 Dibromofluoromethane
 Concen: 43.574 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN084813.D
 Acq: 12 Nov 2024 22:02

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC

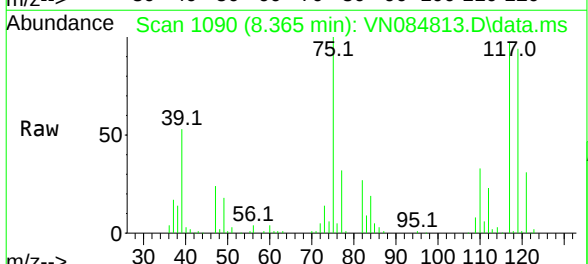


Tgt Ion:	113	Resp:	84936
Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.3	124.9
192	18.5	13.5	20.3

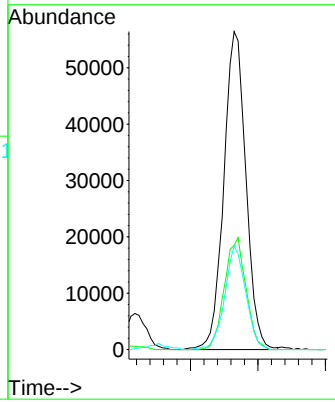
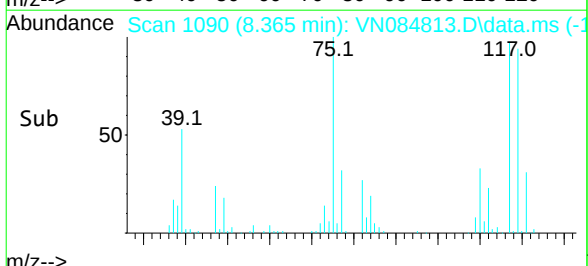
Manual Integrations
APPROVED
 Reviewed By :John Carlone 11/13/2024
 Supervised By :Mahesh Dadoda 11/13/2024

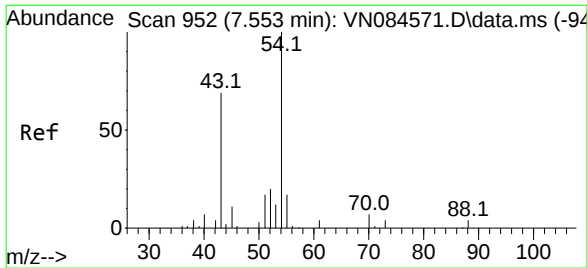


#36
 1,1-Dichloropropene
 Concen: 47.455 ug/l
 RT: 8.365 min Scan# 1090
 Delta R.T. -0.006 min
 Lab File: VN084813.D
 Acq: 12 Nov 2024 22:02



Tgt Ion:	75	Resp:	128286
Ion	Ratio	Lower	Upper
75	100		
110	34.4	16.9	50.7
77	31.2	24.7	37.1





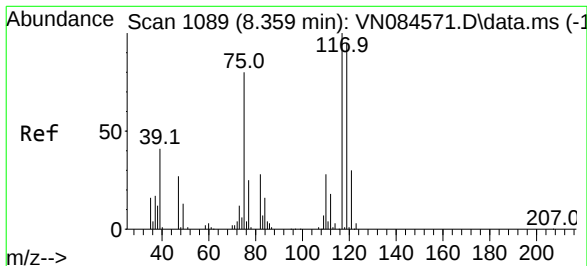
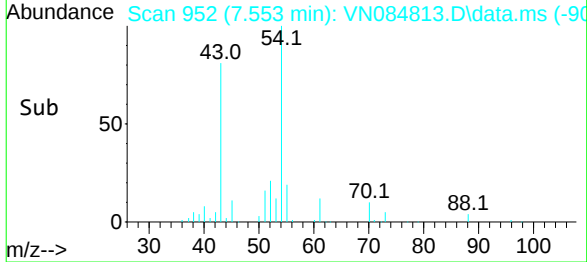
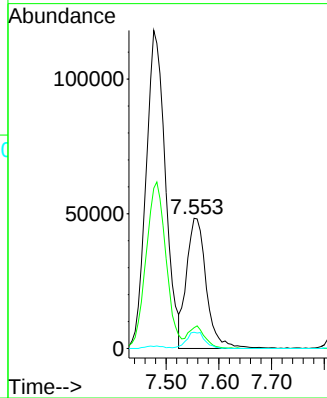
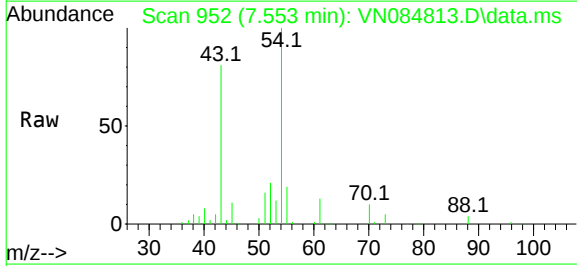
#37
Ethyl Acetate
Concen: 51.268 ug/l
RT: 7.553 min Scan# 952
Delta R.T. -0.006 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43	Resp: 125746
Ion Ratio	Lower Upper
43 100	
61 15.2	10.7 16.1
70 11.6	8.8 13.2

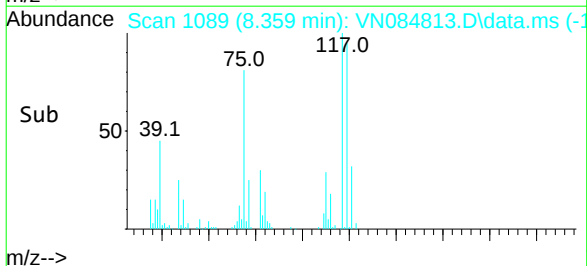
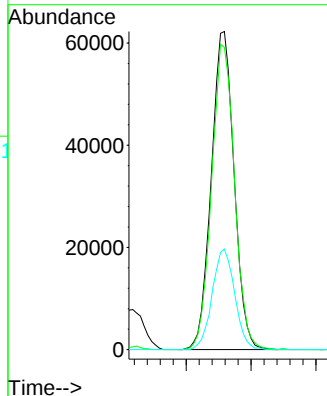
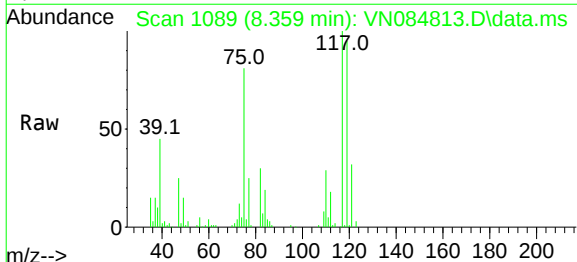
Manual Integrations
APPROVED

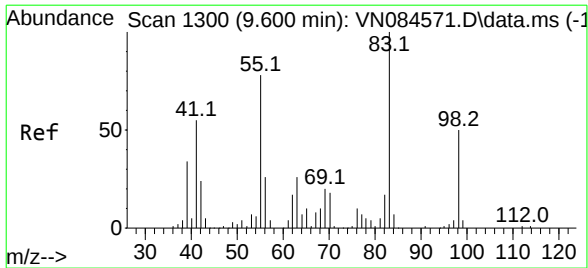
Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#38
Carbon Tetrachloride
Concen: 50.330 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

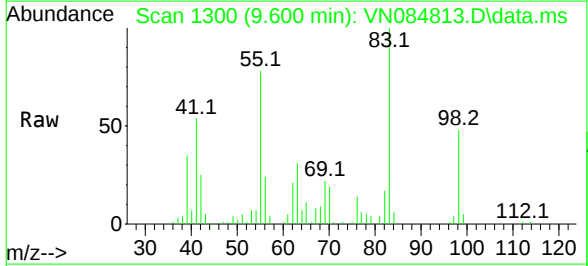
Tgt Ion: 117	Resp: 152079
Ion Ratio	Lower Upper
117 100	
119 95.0	78.7 118.1
121 31.6	24.4 36.6





#39
Methylcyclohexane
Concen: 52.702 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

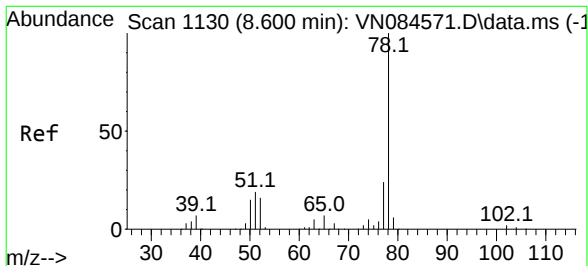
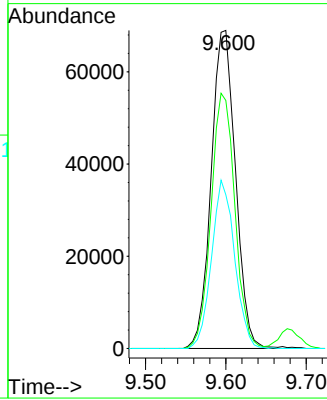
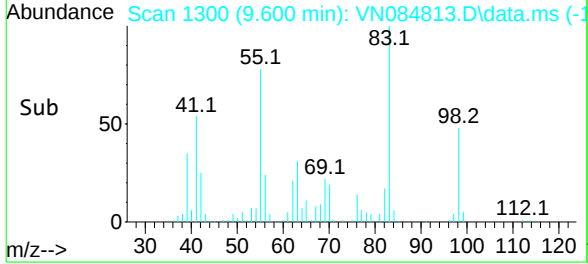
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 144939
Ion Ratio Lower Upper
83 100
55 78.0 62.8 94.2
98 48.3 38.8 58.2

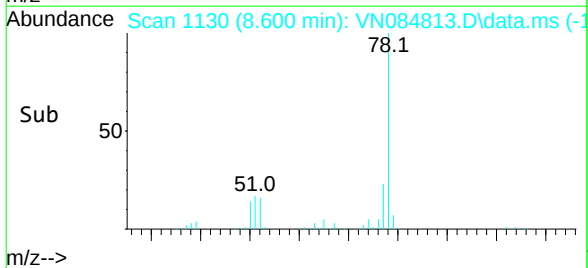
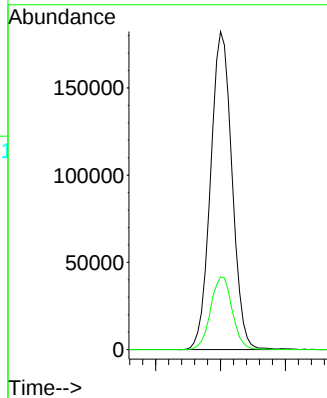
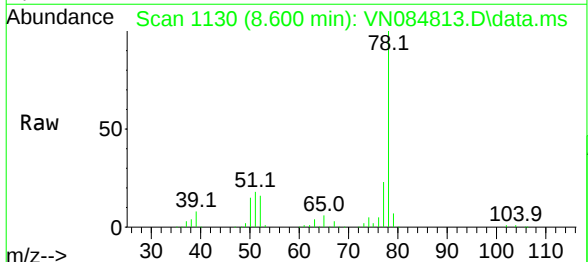
Manual Integrations
APPROVED

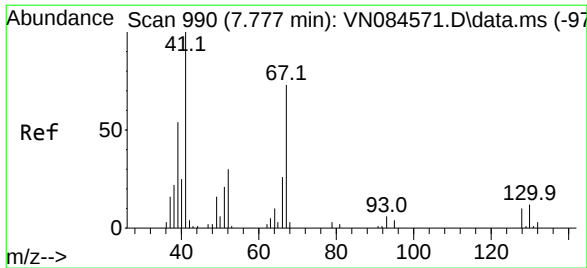
Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#40
Benzene
Concen: 48.160 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

Tgt Ion: 78 Resp: 418110
Ion Ratio Lower Upper
78 100
77 22.8 19.1 28.7





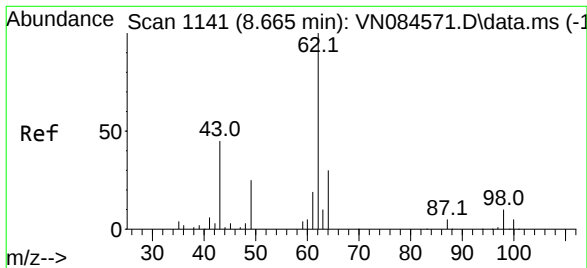
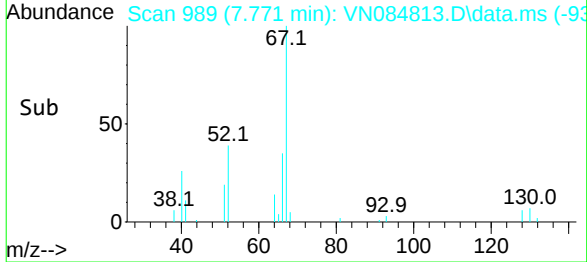
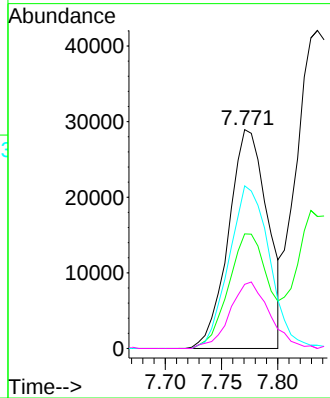
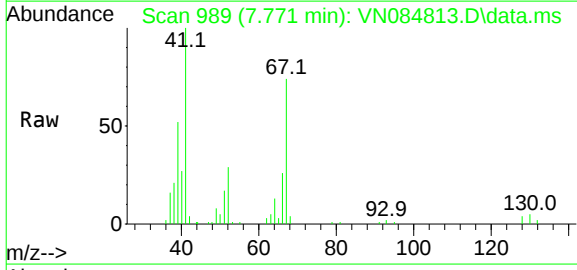
#41
Methacrylonitrile
Concen: 52.827 ug/l
RT: 7.771 min Scan# 98
Delta R.T. -0.006 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	69677
Ion	Ratio	Lower	Upper
41	100		
39	53.0	43.3	64.9
67	78.0	56.1	84.1
52	31.0	24.5	36.7

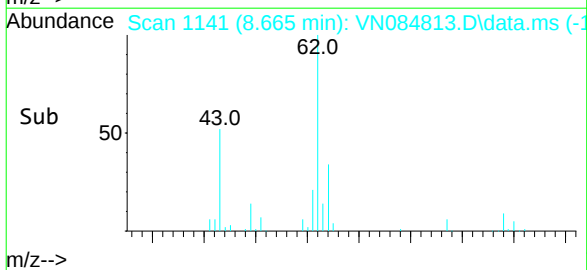
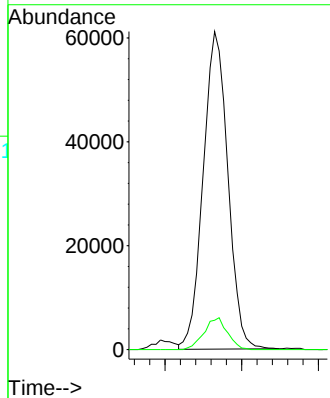
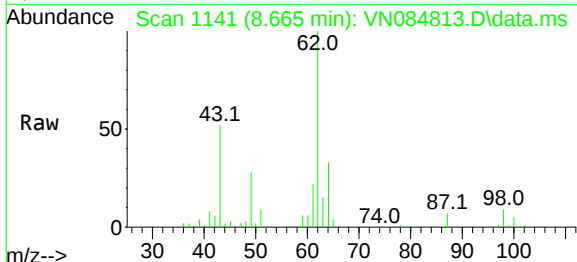
Manual Integrations
APPROVED

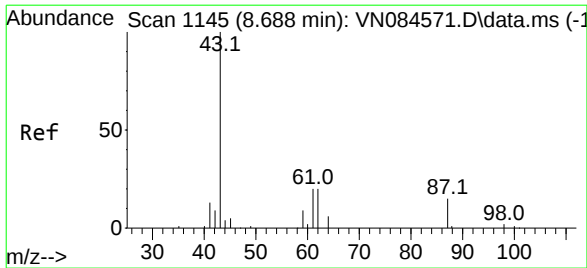
Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#42
1,2-Dichloroethane
Concen: 48.660 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

Tgt Ion:	62	Resp:	136813
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.2





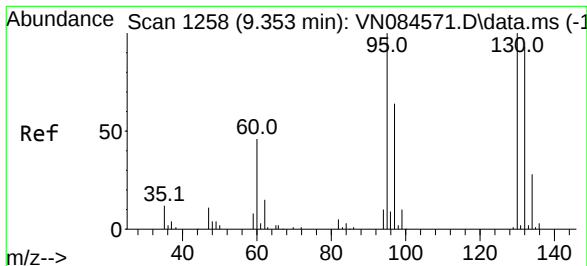
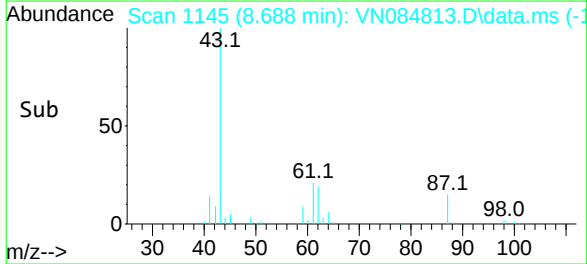
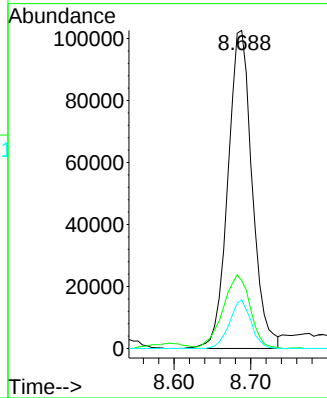
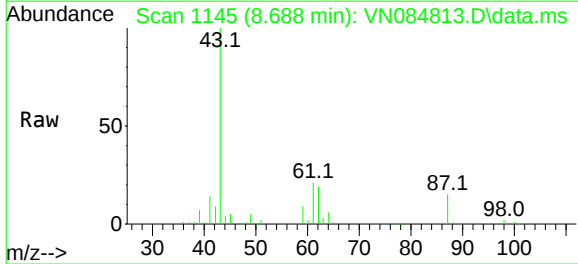
#43
Isopropyl Acetate
Concen: 49.661 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 225055
Ion Ratio Lower Upper
43 100
61 26.0 20.4 30.6
87 13.5 10.3 15.5

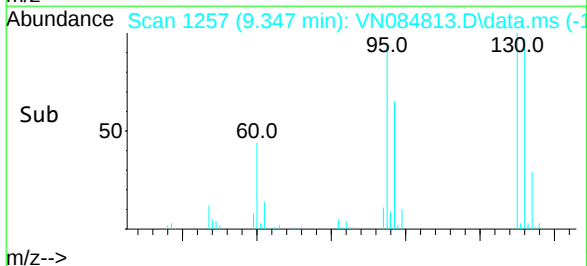
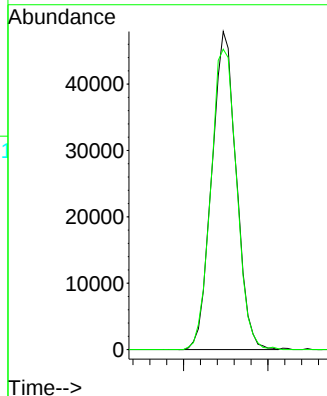
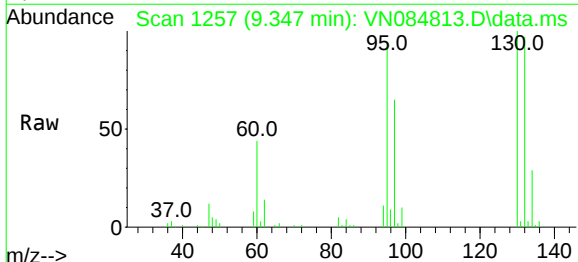
Manual Integrations
APPROVED

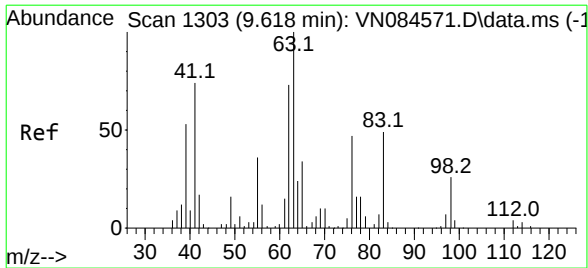
Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#44
Trichloroethene
Concen: 48.340 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

Tgt Ion:130 Resp: 96787
Ion Ratio Lower Upper
130 100
95 94.4 0.0 203.0





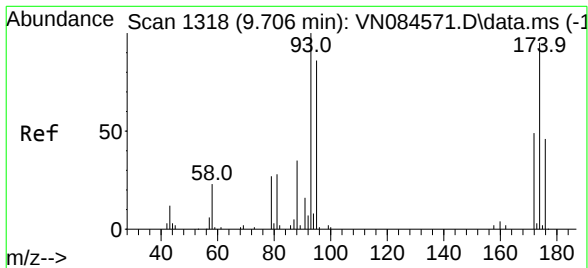
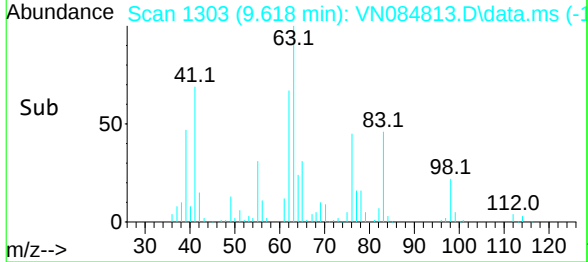
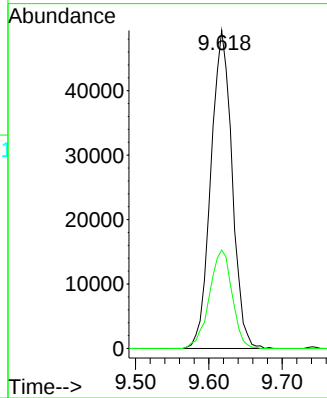
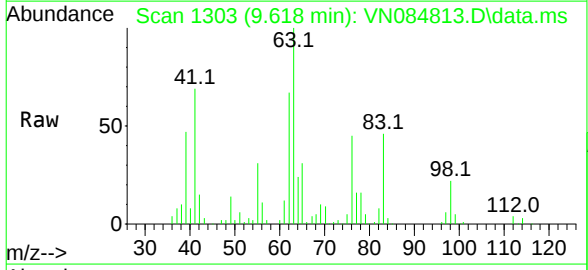
#45
1,2-Dichloropropane
Concen: 48.666 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 99110
Ion Ratio Lower Upper
63 100
65 30.9 24.6 37.0

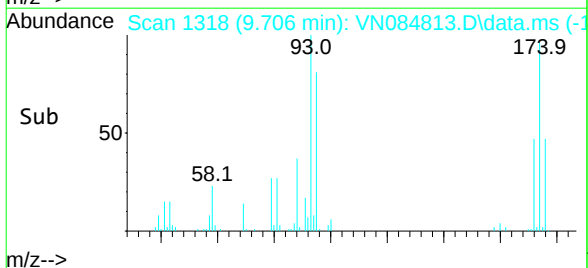
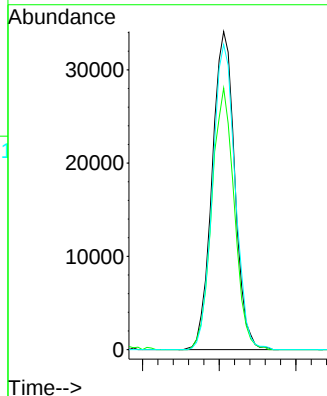
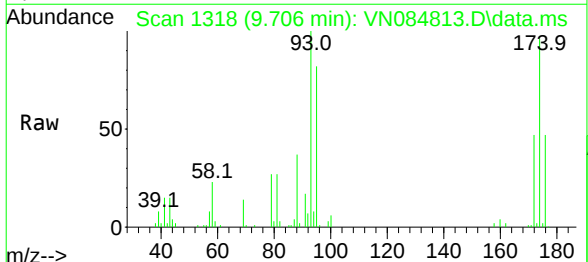
Manual Integrations
APPROVED

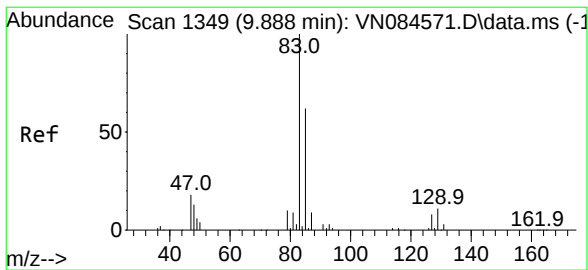
Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#46
Dibromomethane
Concen: 48.601 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

Tgt Ion: 93 Resp: 69842
Ion Ratio Lower Upper
93 100
95 81.3 65.0 97.4
174 95.4 71.8 107.8





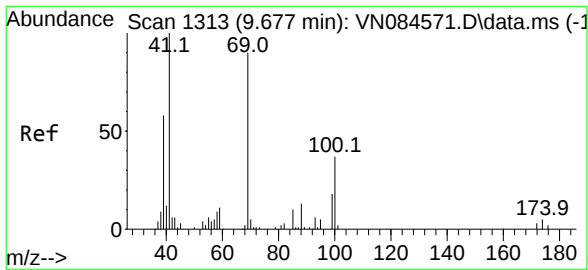
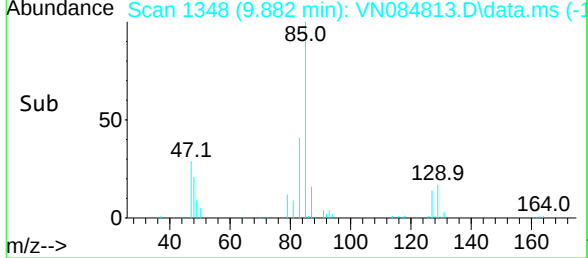
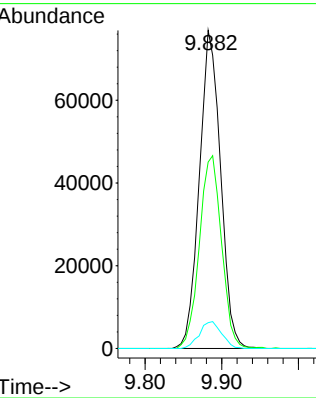
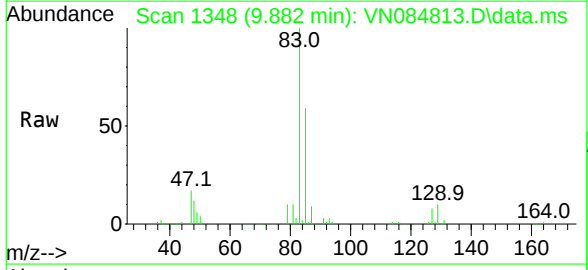
#47
 Bromodichloromethane
 Concen: 48.728 ug/l
 RT: 9.882 min Scan# 1349
 Delta R.T. -0.006 min
 Lab File: VN084813.D
 Acq: 12 Nov 2024 22:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	83	Resp:	147607
Ion	Ratio	Lower	Upper
83	100		
85	58.6	51.5	77.3
127	8.1	5.7	8.5

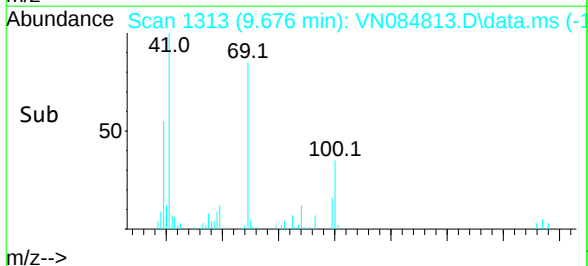
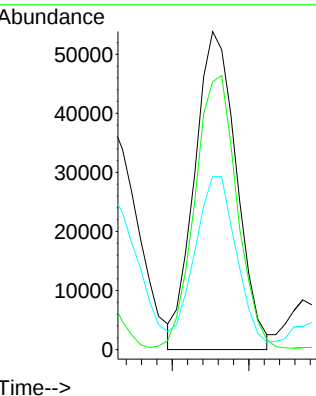
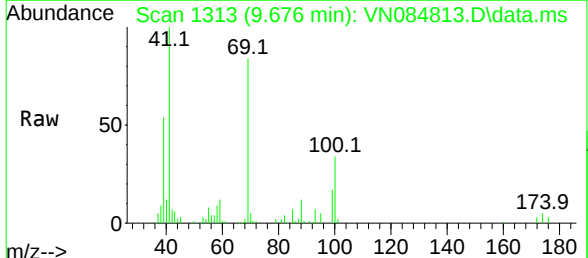
Manual Integrations
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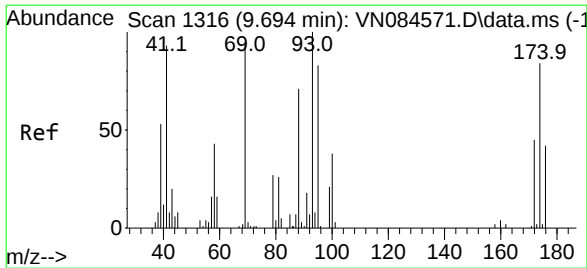
Reviewed By :John Carlone 11/13/2024
 Supervised By :Mahesh Dadoda 11/13/2024



#48
 Methyl methacrylate
 Concen: 53.470 ug/l
 RT: 9.676 min Scan# 1313
 Delta R.T. -0.000 min
 Lab File: VN084813.D
 Acq: 12 Nov 2024 22:02

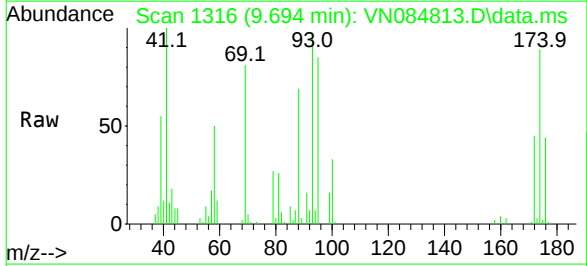
Tgt Ion:	41	Resp:	102068
Ion	Ratio	Lower	Upper
41	100		
69	86.2	67.1	100.7
39	55.0	45.8	68.6





#49
1,4-Dioxane
Concen: 1106.413 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

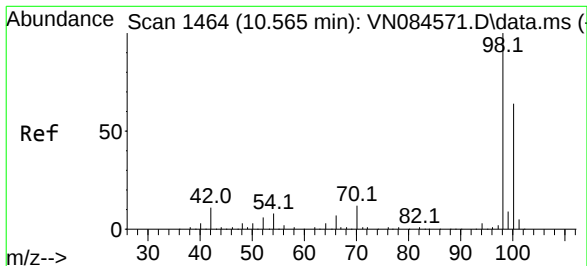
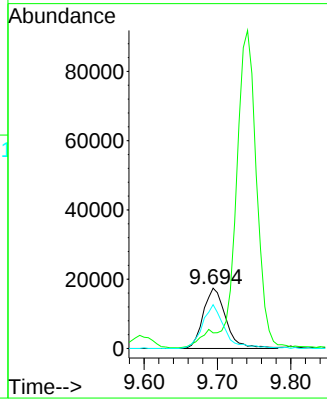
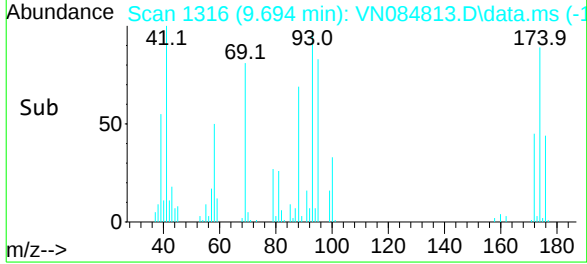
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 37426
Ion Ratio Lower Upper
88 100
43 19.1 25.3 37.9#
58 71.7 56.4 84.6

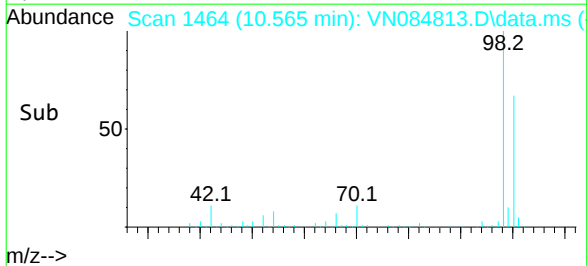
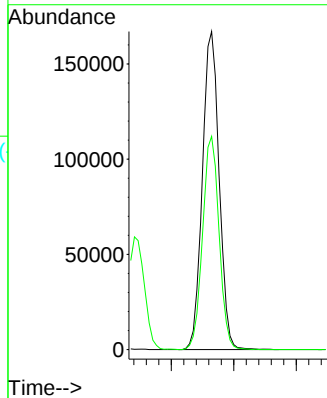
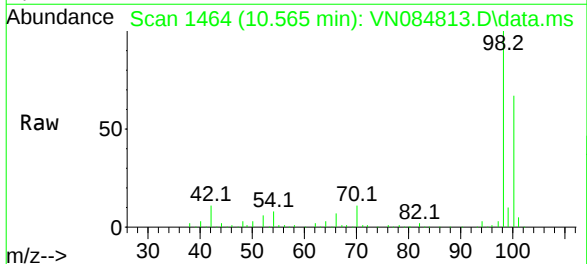
Manual Integrations
APPROVED

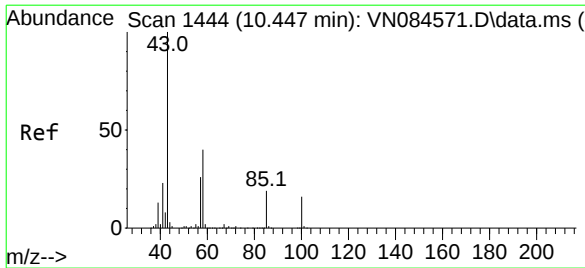
Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#50
Toluene-d8
Concen: 43.297 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

Tgt Ion: 98 Resp: 310882
Ion Ratio Lower Upper
98 100
100 65.9 52.7 79.1





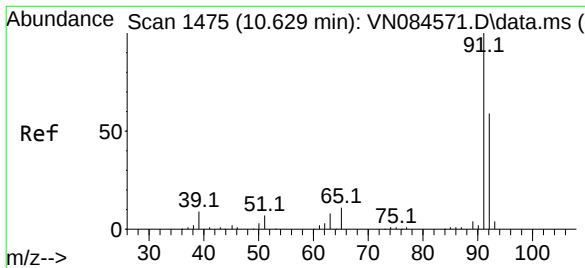
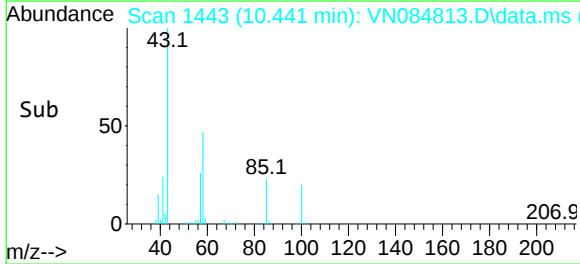
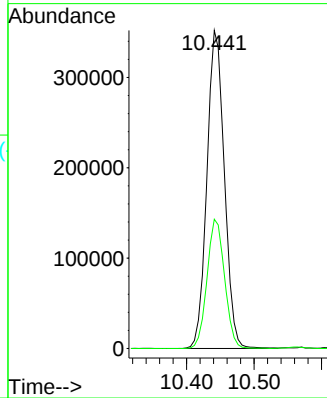
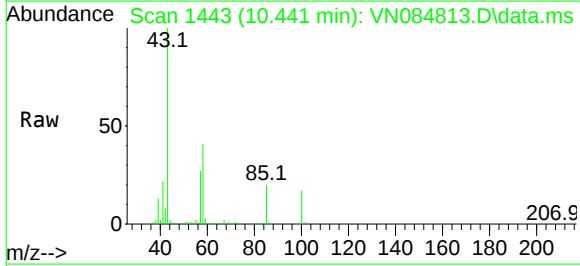
#51
4-Methyl-2-Pentanone
Concen: 270.664 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 632857
Ion Ratio Lower Upper
43 100
58 40.8 31.6 47.4

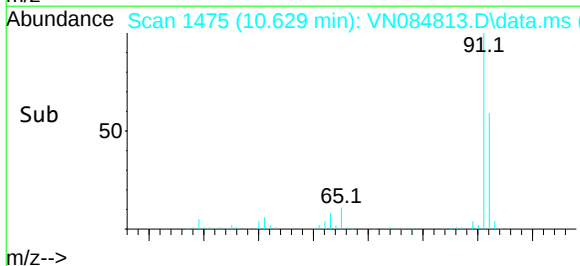
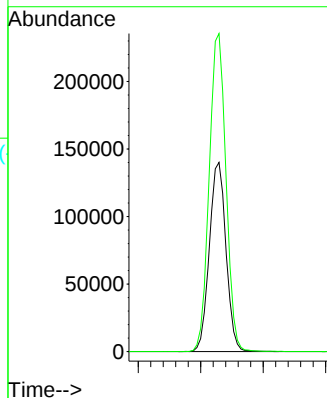
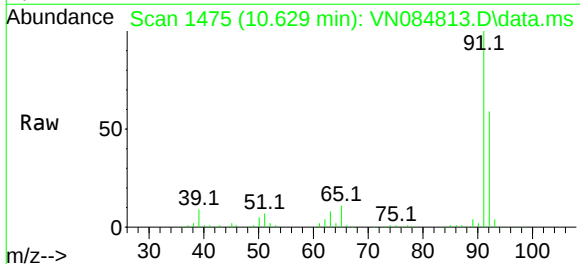
Manual Integrations
APPROVED

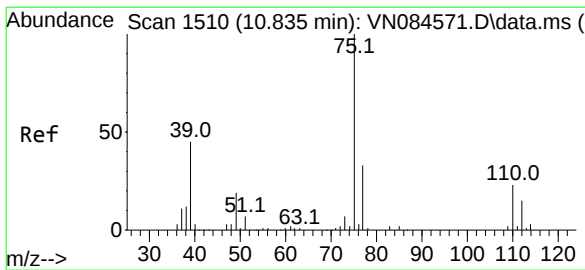
Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#52
Toluene
Concen: 51.105 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

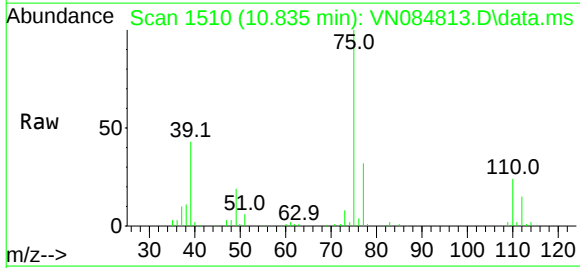
Tgt Ion: 92 Resp: 259485
Ion Ratio Lower Upper
92 100
91 169.1 137.3 205.9





#53
 t-1,3-Dichloropropene
 Concen: 47.107 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN084813.D
 Acq: 12 Nov 2024 22:02

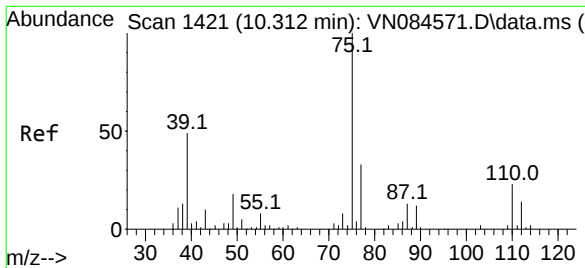
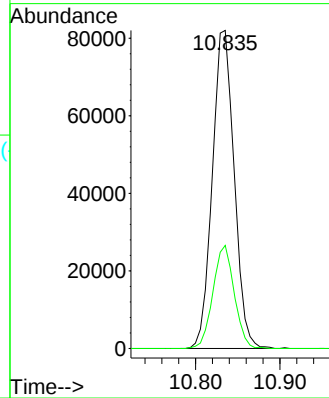
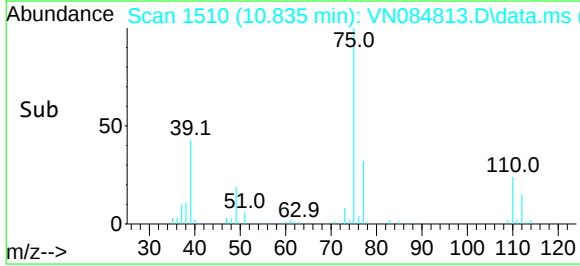
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 75 Resp: 147706
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.4 38.0

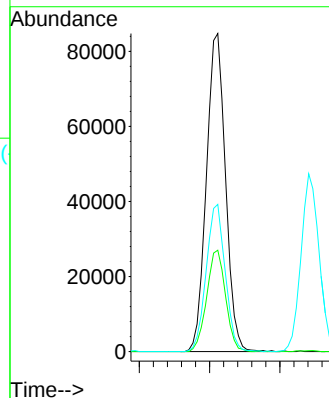
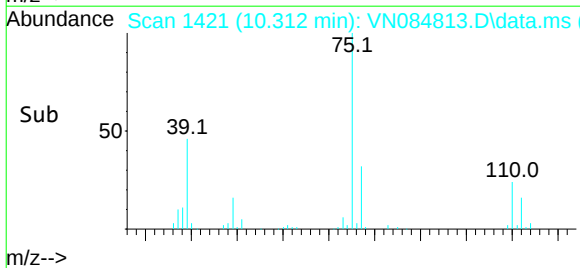
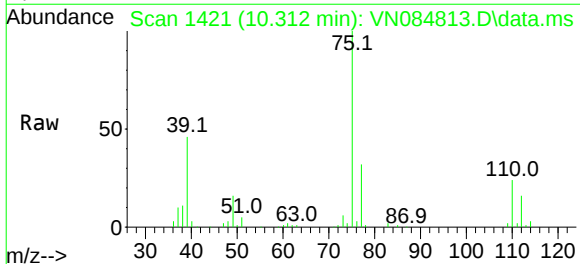
Manual Integrations
 APPROVED

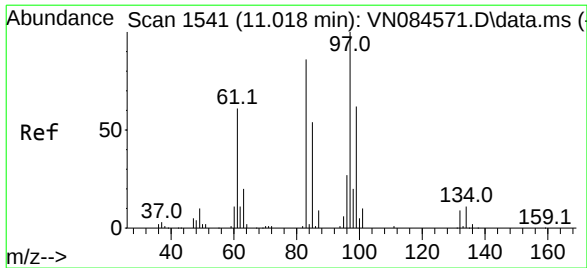
Reviewed By :John Carlone 11/13/2024
 Supervised By :Mahesh Dadoda 11/13/2024



#54
 cis-1,3-Dichloropropene
 Concen: 48.253 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN084813.D
 Acq: 12 Nov 2024 22:02

Tgt Ion: 75 Resp: 160136
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.2 36.2
 39 46.3 38.7 58.1





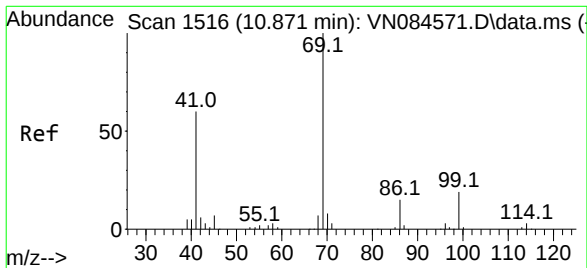
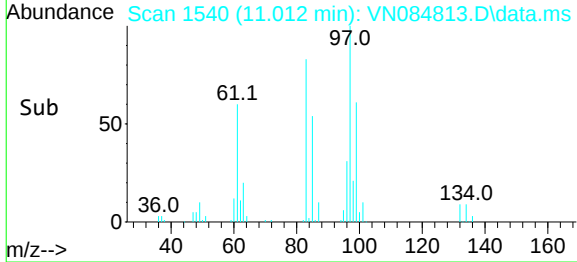
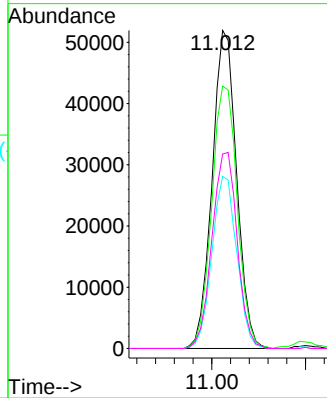
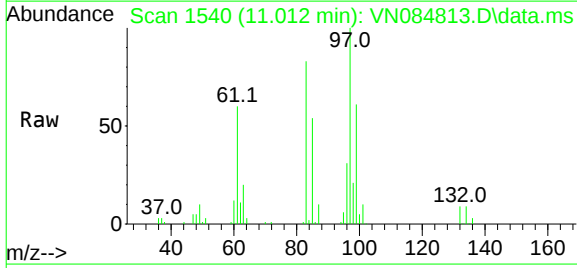
#55
1,1,2-Trichloroethane
Concen: 49.189 ug/l
RT: 11.012 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	97	Resp:	94080
Ion	Ratio	Lower	Upper
97	100		
83	82.5	71.0	106.4
85	54.1	41.7	62.5
99	61.2	50.1	75.1

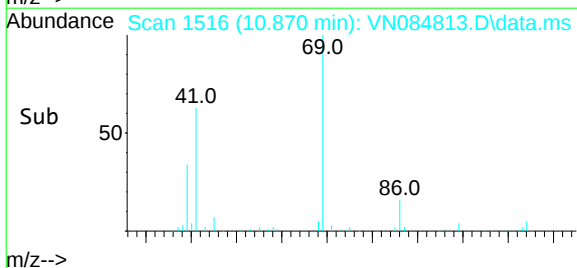
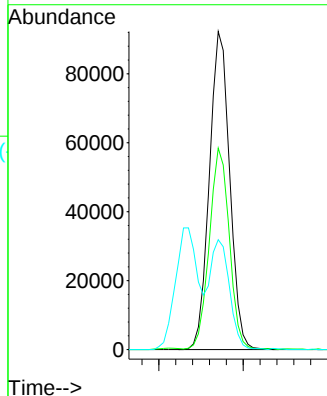
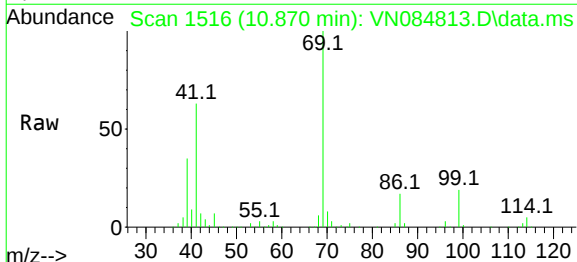
Manual Integrations
APPROVED

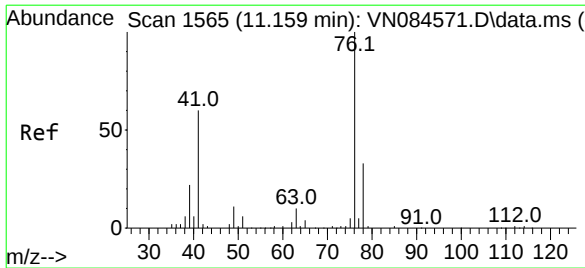
Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#56
Ethyl methacrylate
Concen: 55.886 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

Tgt Ion:	69	Resp:	154609
Ion	Ratio	Lower	Upper
69	100		
41	62.5	53.3	79.9
39	33.5	28.8	43.2





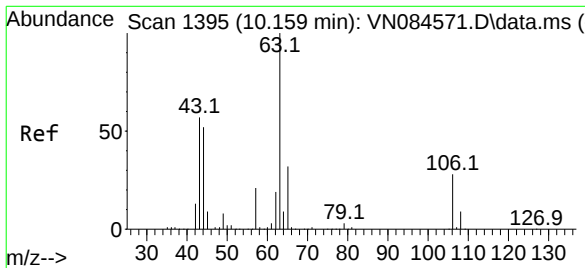
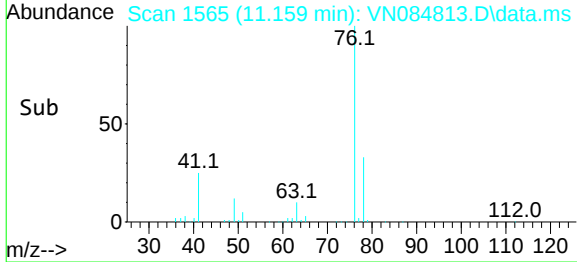
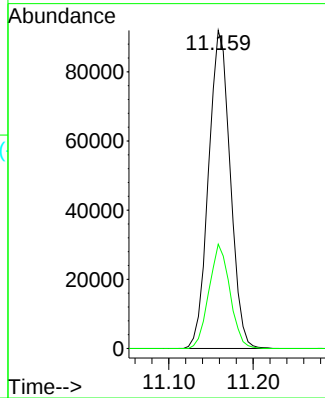
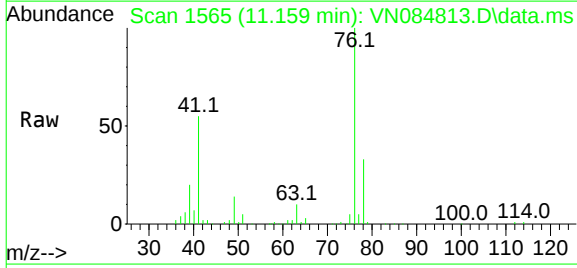
#57
1,3-Dichloropropane
Concen: 49.978 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 164051
Ion Ratio Lower Upper
76 100
78 31.8 25.8 38.6

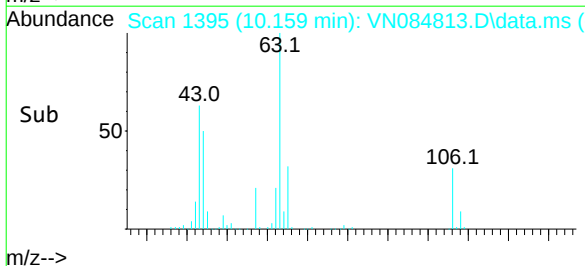
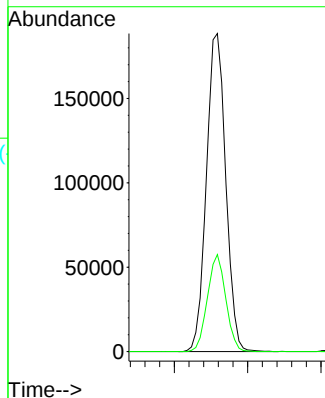
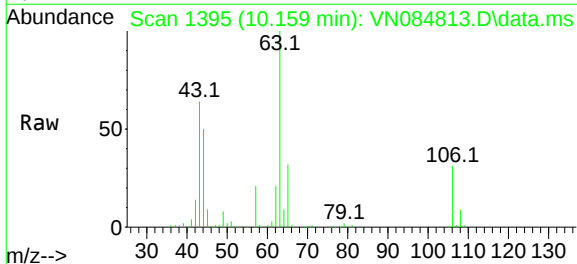
Manual Integrations
APPROVED

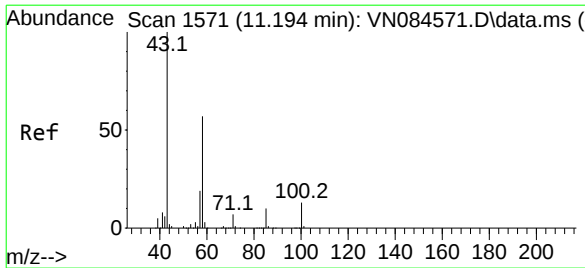
Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#58
2-Chloroethyl Vinyl ether
Concen: 266.133 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

Tgt Ion: 63 Resp: 344521
Ion Ratio Lower Upper
63 100
106 28.9 21.8 32.6





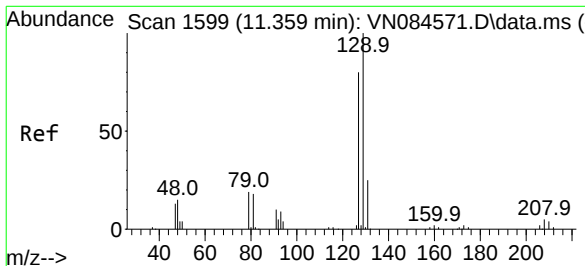
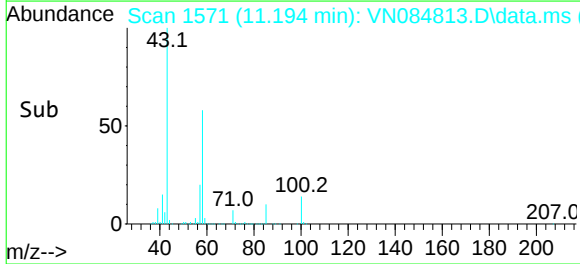
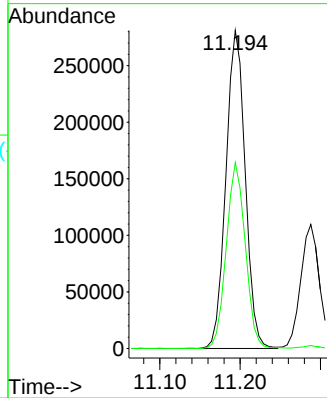
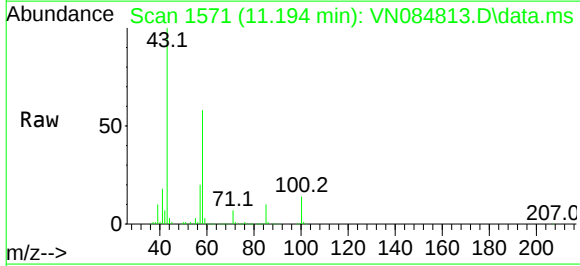
#59
2-Hexanone
Concen: 275.351 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 468623
Ion Ratio Lower Upper
43 100
58 57.6 27.3 81.8

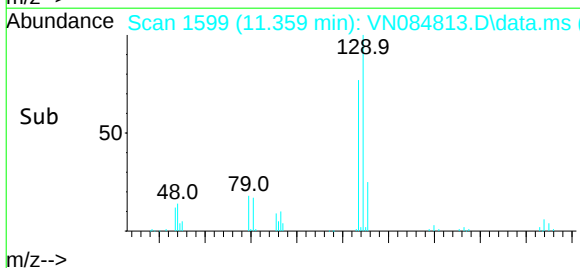
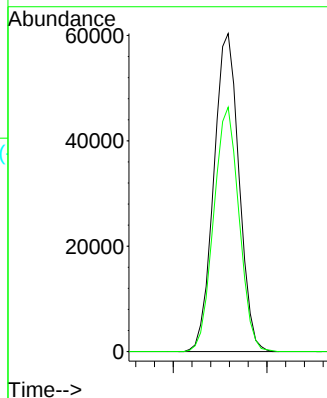
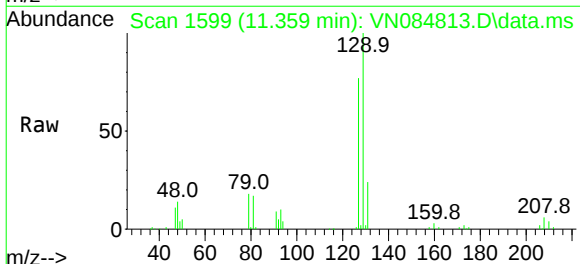
Manual Integrations
APPROVED

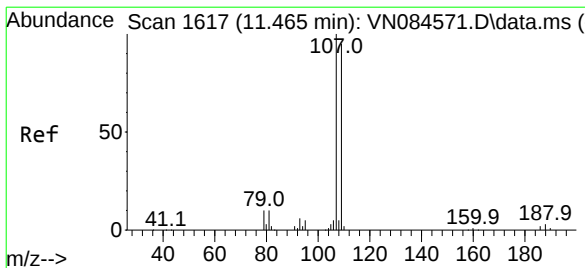
Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#60
Dibromochloromethane
Concen: 51.781 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

Tgt Ion:129 Resp: 112872
Ion Ratio Lower Upper
129 100
127 77.2 38.3 114.9





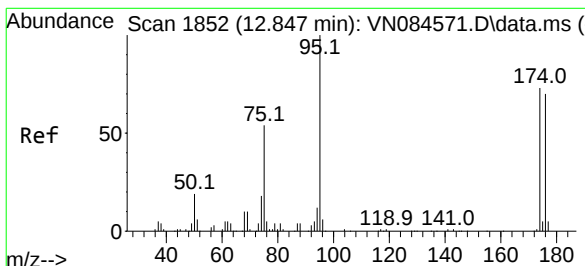
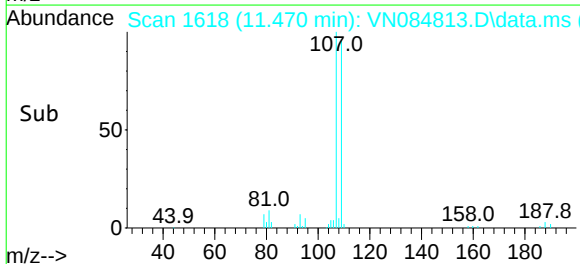
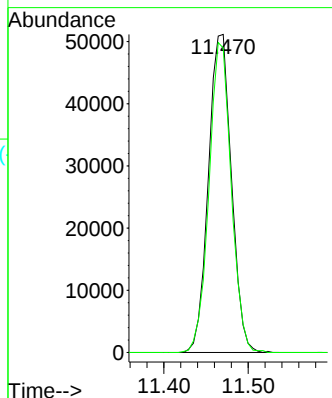
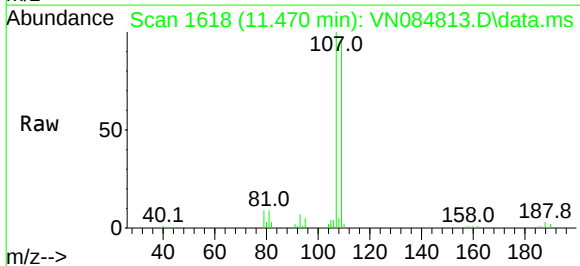
#61
1,2-Dibromoethane
Concen: 49.539 ug/l
RT: 11.470 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 107 Resp: 97027
Ion Ratio Lower Upper
107 100
109 94.0 75.4 113.0

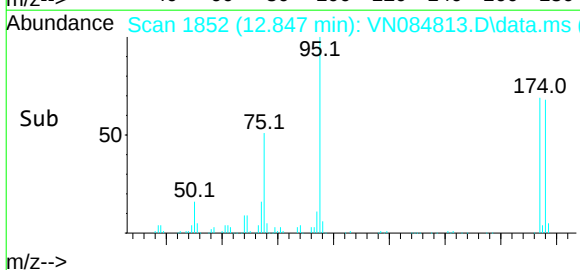
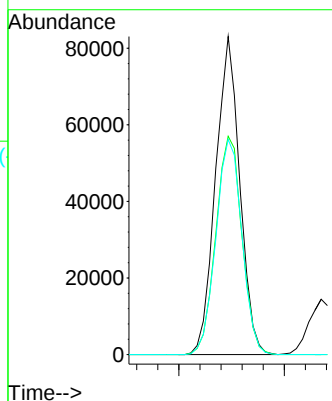
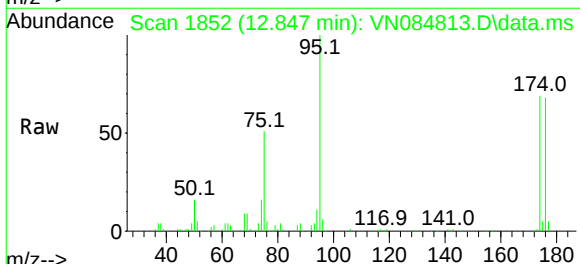
Manual Integrations
APPROVED

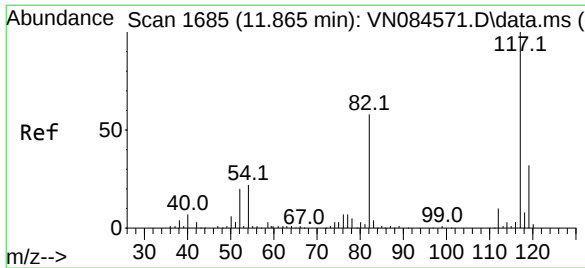
Reviewed By : John Carlone 11/13/2024
Supervised By : Mahesh Dadoda 11/13/2024



#62
4-Bromofluorobenzene
Concen: 49.343 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

Tgt Ion: 95 Resp: 132413
Ion Ratio Lower Upper
95 100
174 73.9 0.0 145.2
176 72.6 0.0 140.0





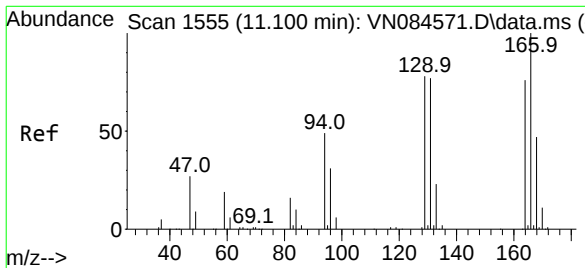
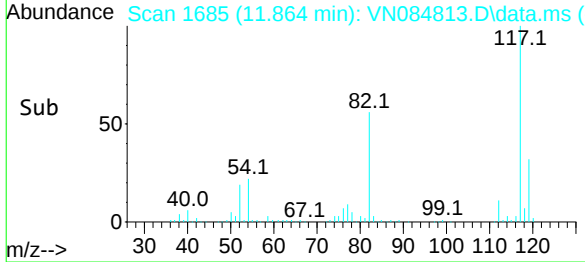
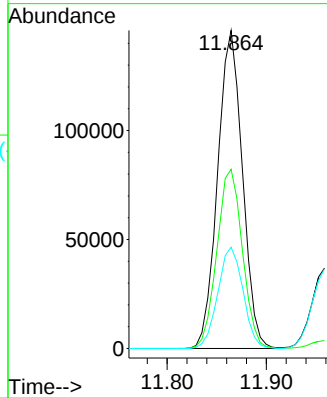
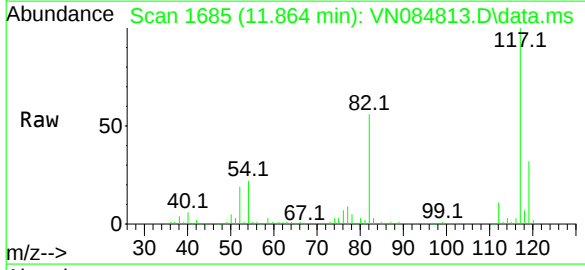
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 1685
Delta R.T. -0.001 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 253478
Ion Ratio Lower Upper
117 100
82 56.4 47.2 70.8
119 31.8 25.4 38.0

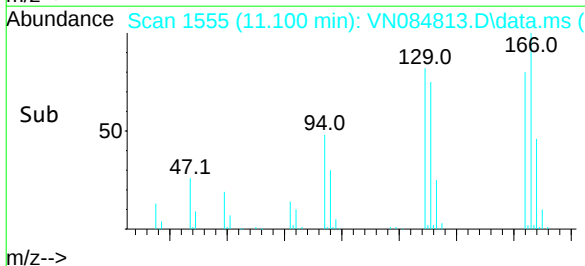
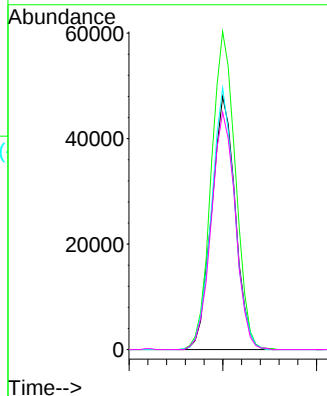
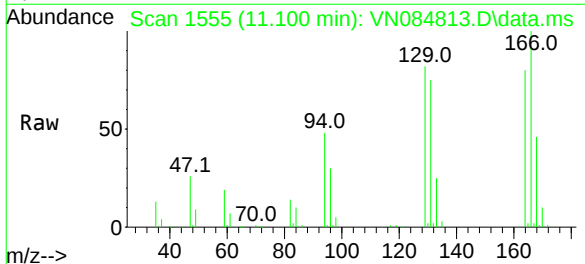
Manual Integrations
APPROVED

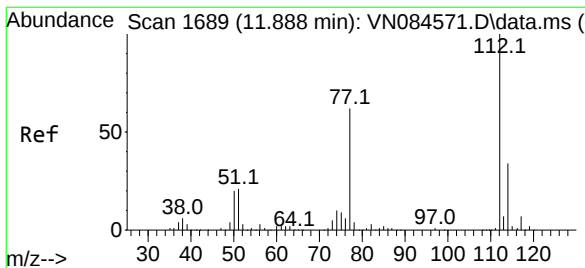
Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#64
Tetrachloroethene
Concen: 50.003 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

Tgt Ion:164 Resp: 84307
Ion Ratio Lower Upper
164 100
166 125.8 101.0 151.4
129 103.5 80.8 121.2
131 93.9 78.1 117.1





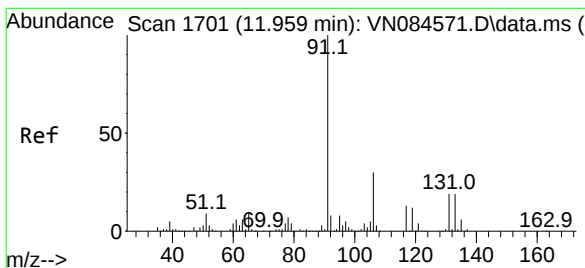
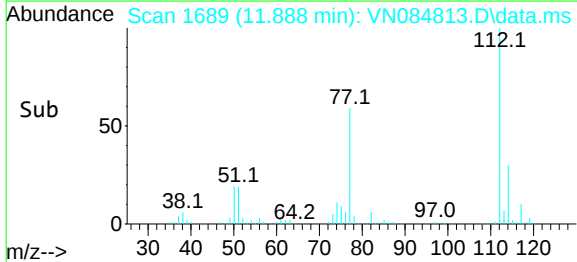
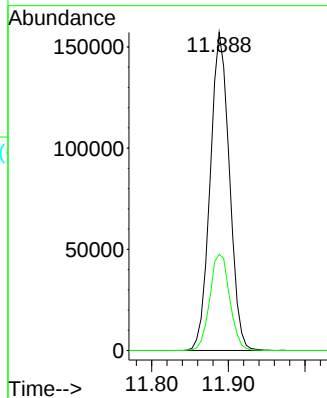
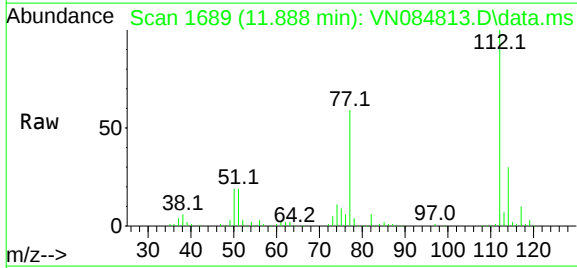
#65
Chlorobenzene
Concen: 48.209 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 273383
Ion Ratio Lower Upper
112 100
114 30.2 27.0 40.6

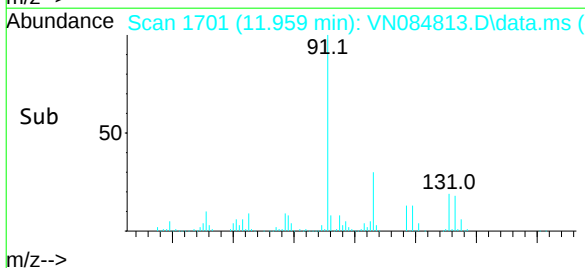
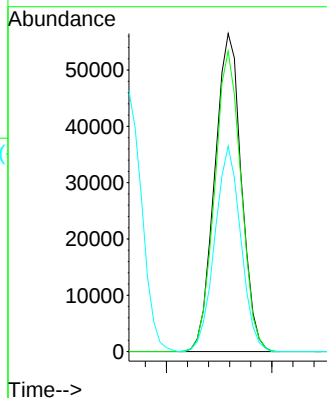
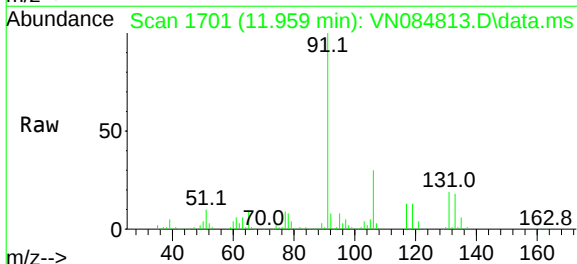
Manual Integrations
APPROVED

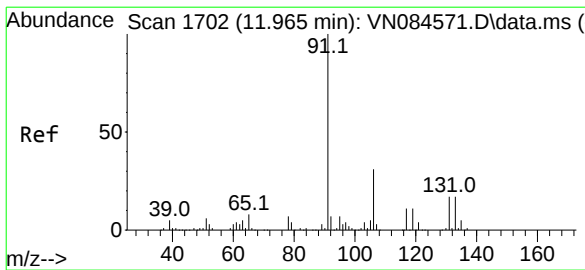
Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 50.355 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

Tgt Ion:131 Resp: 99324
Ion Ratio Lower Upper
131 100
133 93.6 47.9 143.7
119 62.9 32.8 98.3





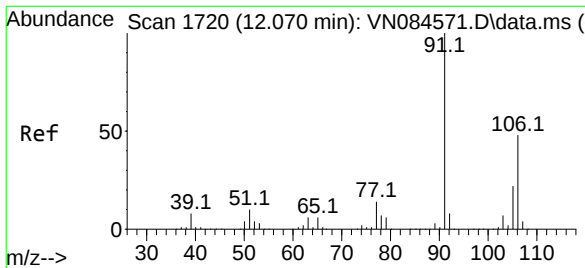
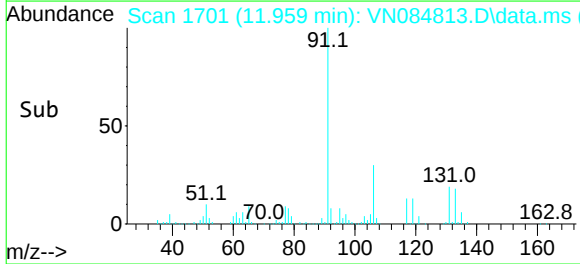
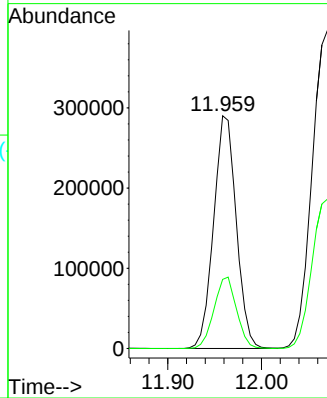
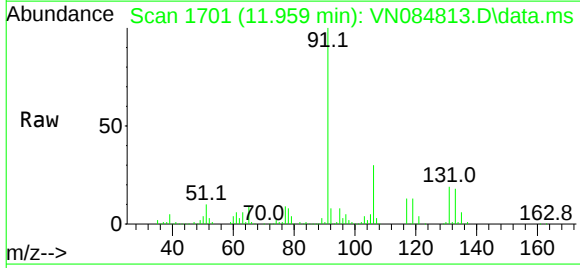
#67
Ethyl Benzene
Concen: 51.447 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 486986
Ion Ratio Lower Upper
91 100
106 29.7 24.5 36.7

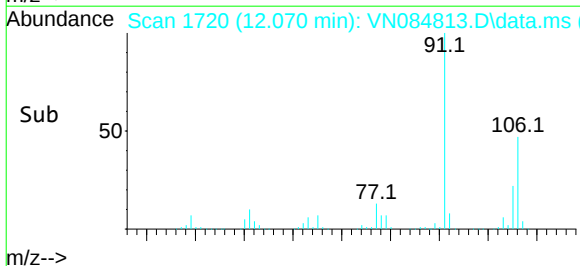
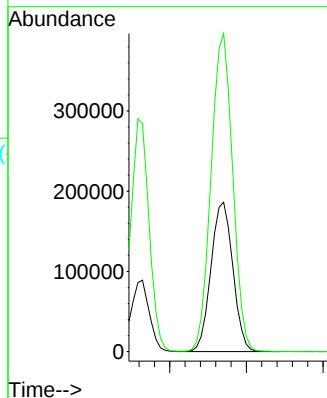
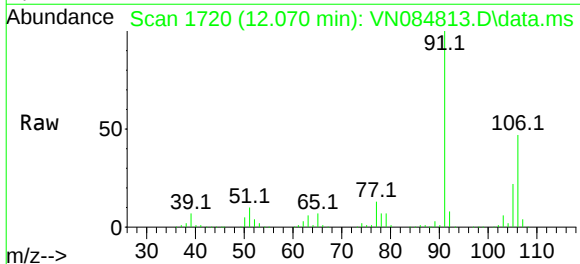
Manual Integrations
APPROVED

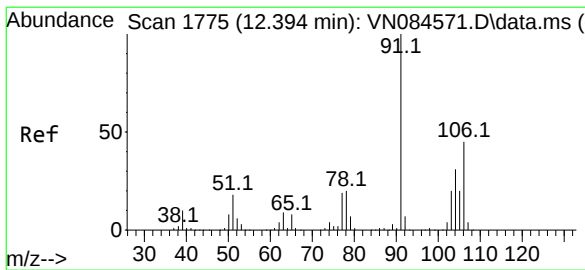
Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#68
m/p-Xylenes
Concen: 102.961 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

Tgt Ion:106 Resp: 368973
Ion Ratio Lower Upper
106 100
91 210.5 167.1 250.7





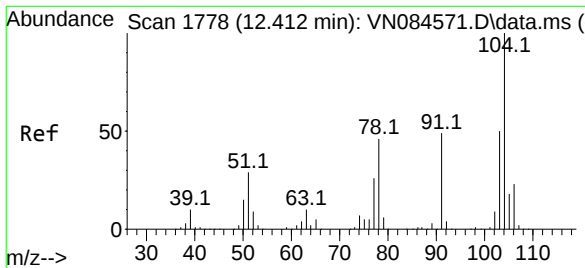
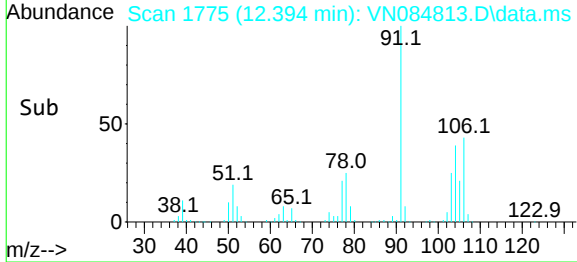
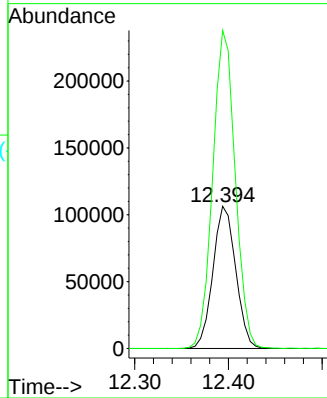
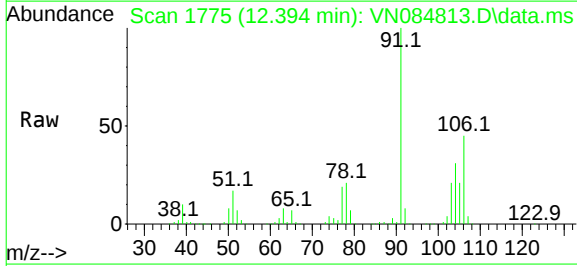
#69
o-Xylene
Concen: 53.562 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 179562
Ion Ratio Lower Upper
106 100
91 220.8 110.2 330.6

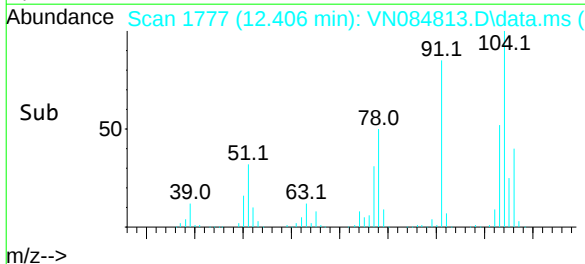
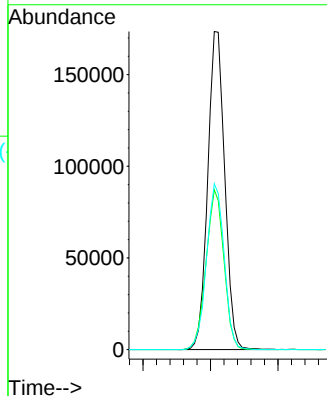
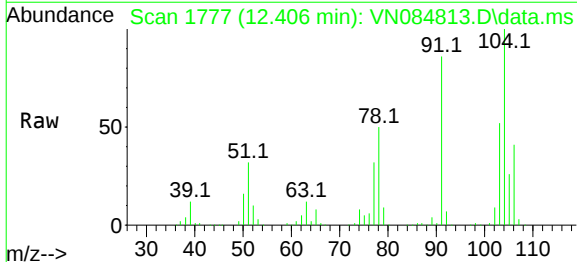
Manual Integrations
APPROVED

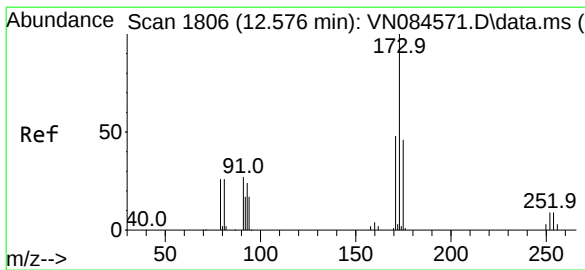
Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#70
Styrene
Concen: 52.031 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

Tgt Ion:104 Resp: 304280
Ion Ratio Lower Upper
104 100
78 52.5 42.7 64.1
103 54.0 43.6 65.4





#71

Bromoform

Concen: 52.222 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN084813.D

Acq: 12 Nov 2024 22:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

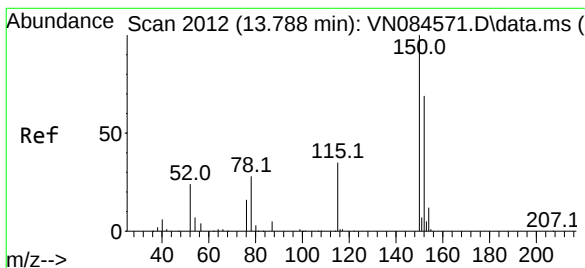
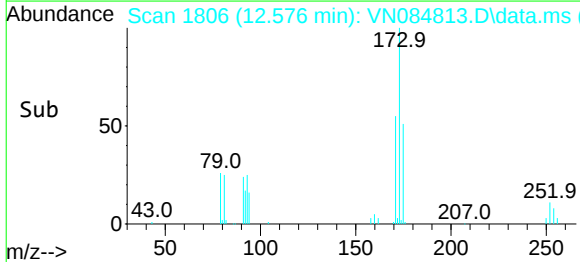
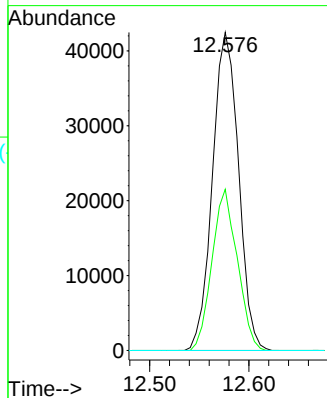
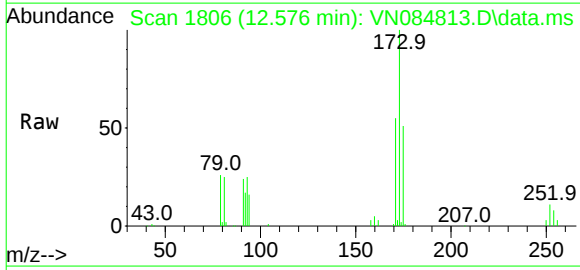
Tgt Ion:	173	Resp:	77509
Ion Ratio	Lower	Upper	
173	100		
175	49.3	23.5	70.6
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2024

Supervised By :Mahesh Dadoda 11/13/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

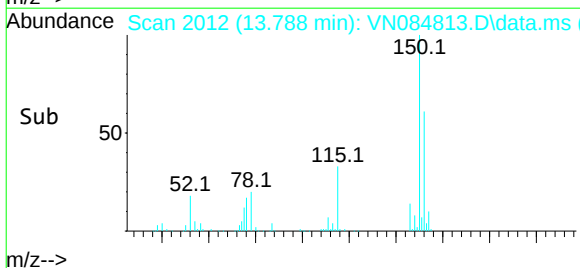
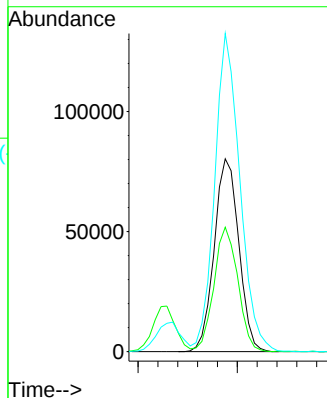
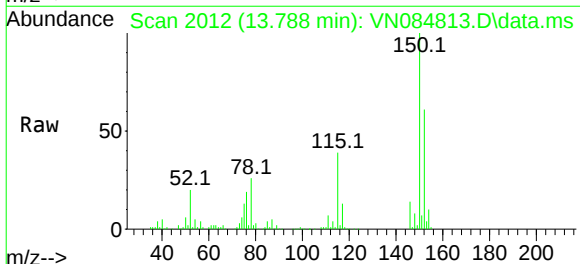
RT: 13.788 min Scan# 2012

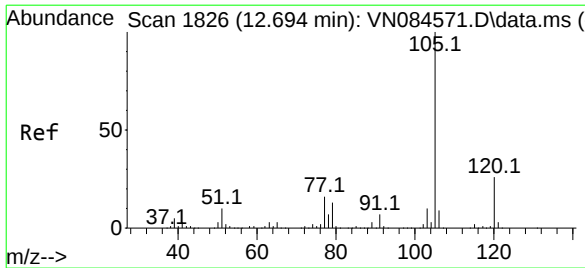
Delta R.T. -0.000 min

Lab File: VN084813.D

Acq: 12 Nov 2024 22:02

Tgt Ion:	152	Resp:	138172
Ion Ratio	Lower	Upper	
152	100		
115	62.9	31.3	93.9
150	169.3	0.0	349.8





#73

Isopropylbenzene

Concen: 47.603 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN084813.D

Acq: 12 Nov 2024 22:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

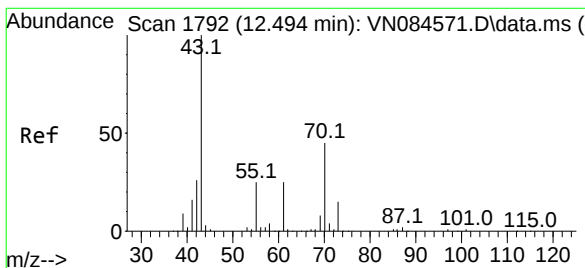
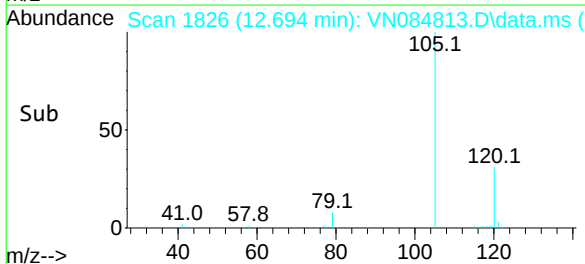
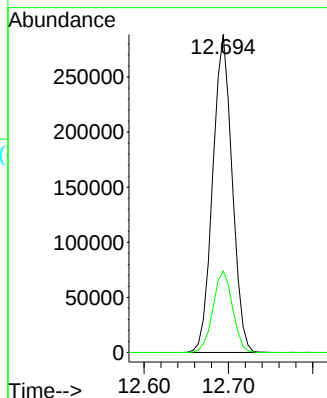
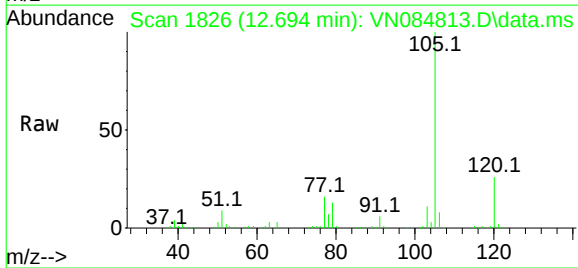
Tgt Ion: 105 Resp: 460924
 Ion Ratio Lower Upper
 105 100
 120 25.8 12.9 38.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2024

Supervised By :Mahesh Dadoda 11/13/2024



#74

N-ethyl acetate

Concen: 46.975 ug/l

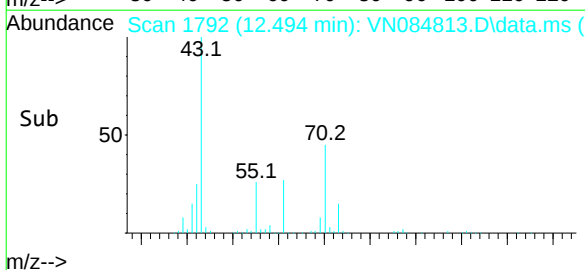
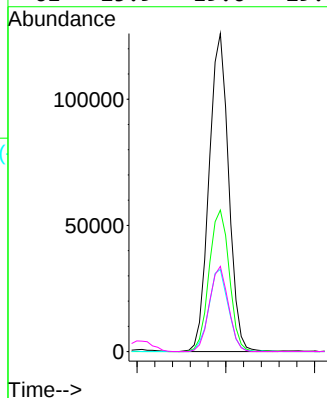
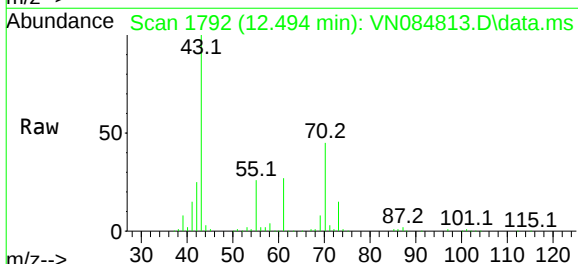
RT: 12.494 min Scan# 1792

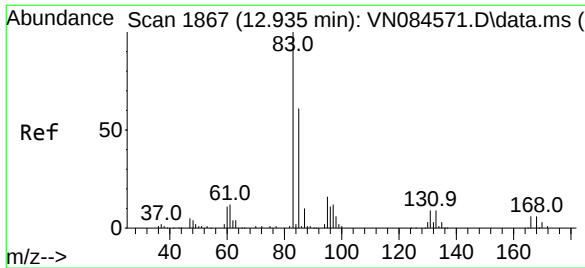
Delta R.T. -0.000 min

Lab File: VN084813.D

Acq: 12 Nov 2024 22:02

Tgt Ion: 43 Resp: 193590
 Ion Ratio Lower Upper
 43 100
 70 45.6 34.4 51.6
 55 25.7 19.6 29.4
 61 25.9 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 44.401 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VN084813.D

Acq: 12 Nov 2024 22:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

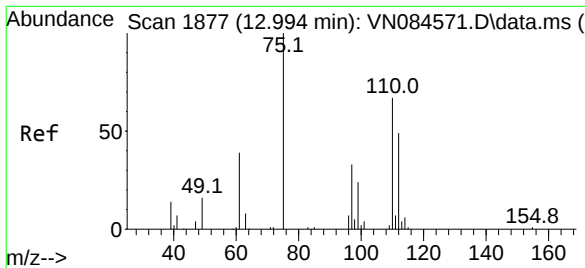
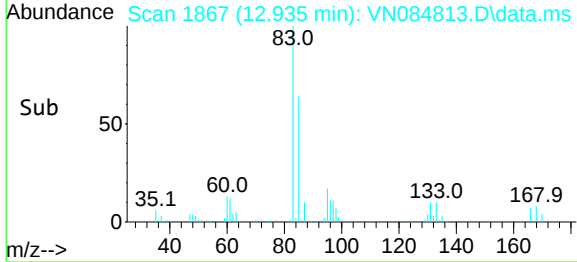
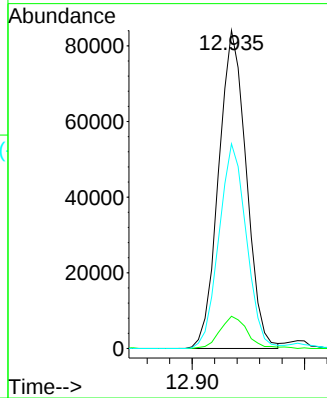
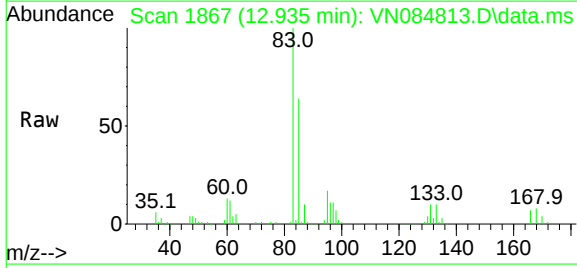
Tgt Ion:	83	Resp:	143503
Ion Ratio	Lower	Upper	
83	100		
131	10.2	4.9	14.7
85	63.6	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2024

Supervised By :Mahesh Dadoda 11/13/2024



#76

1,2,3-Trichloropropane

Concen: 41.014 ug/l m

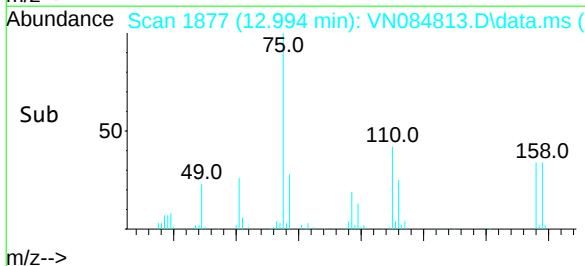
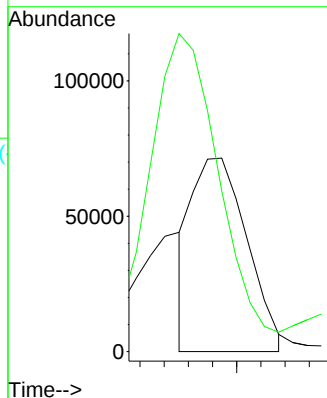
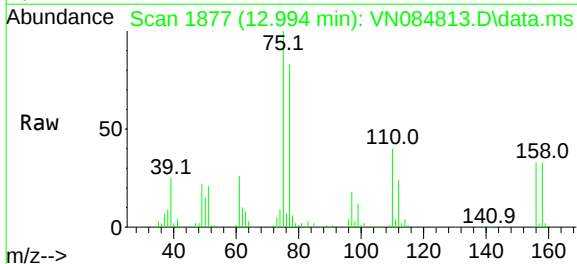
RT: 12.994 min Scan# 1877

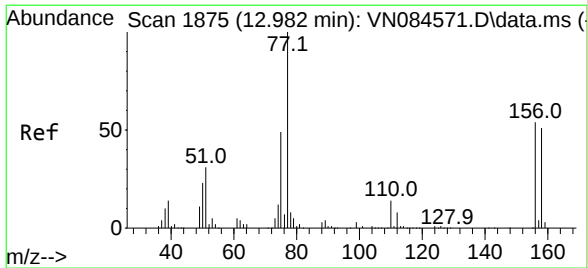
Delta R.T. 0.006 min

Lab File: VN084813.D

Acq: 12 Nov 2024 22:02

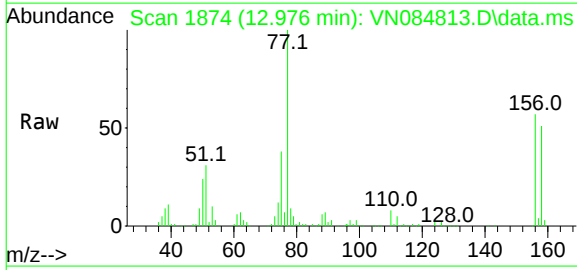
Tgt Ion:	75	Resp:	113281
Ion Ratio	Lower	Upper	
75	100		
77	211.9	96.9	290.7





#77
Bromobenzene
Concen: 42.340 ug/l
RT: 12.976 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

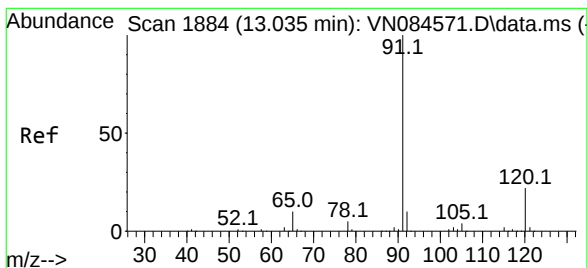
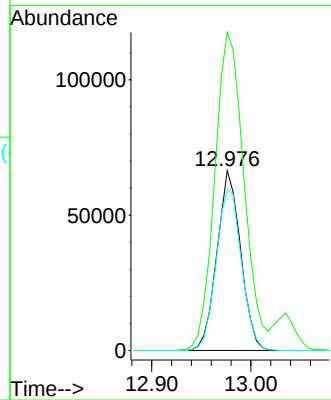
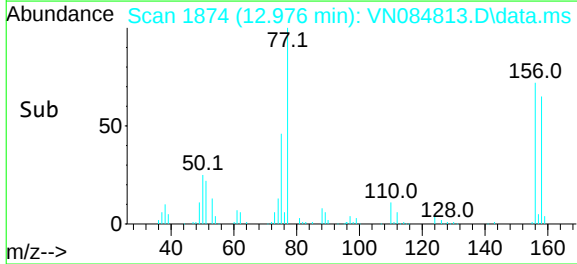
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 156 Resp: 110212
Ion Ratio Lower Upper
156 100
77 217.8 115.1 345.3
158 96.2 48.9 146.8

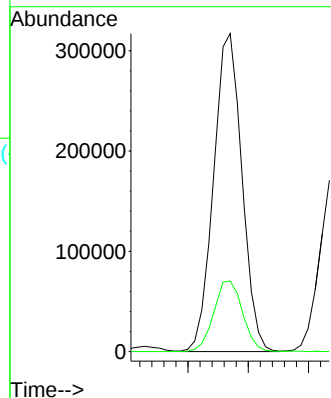
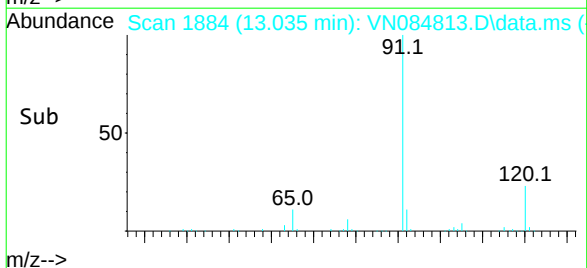
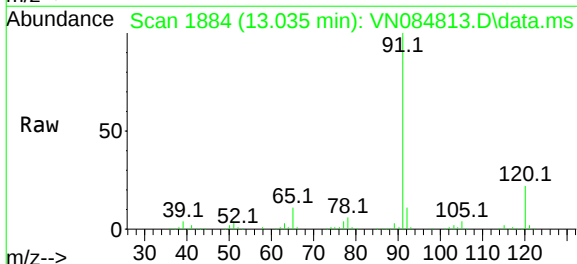
Manual Integrations
APPROVED

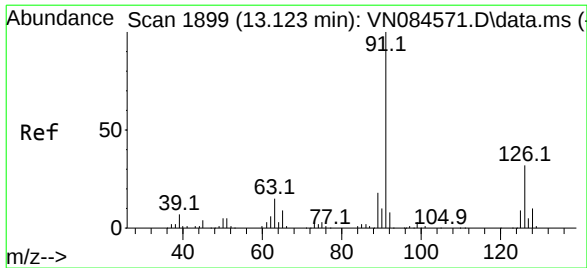
Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#78
n-propylbenzene
Concen: 45.711 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

Tgt Ion: 91 Resp: 518656
Ion Ratio Lower Upper
91 100
120 22.6 10.8 32.4





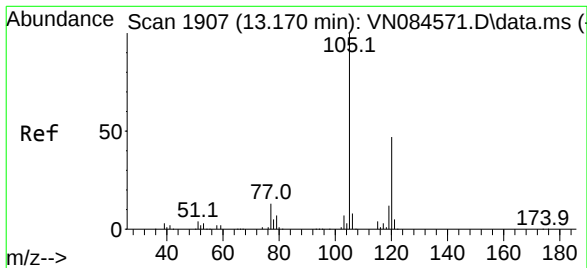
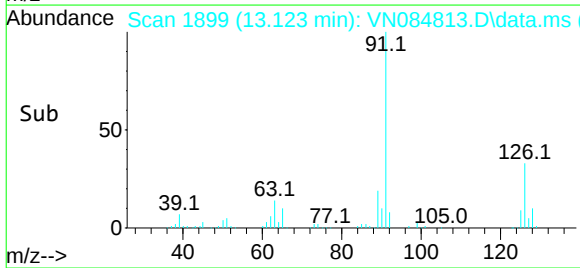
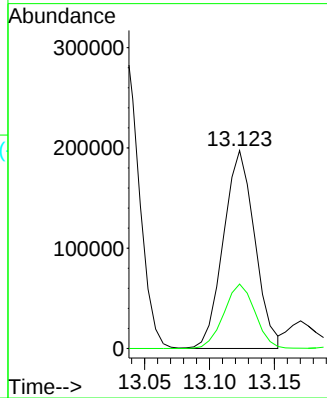
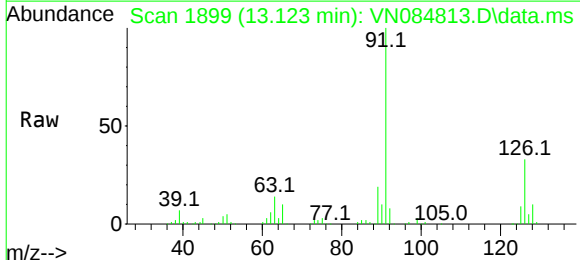
#79
2-Chlorotoluene
Concen: 44.858 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 332575
Ion Ratio Lower Upper
91 100
126 32.2 15.7 47.1

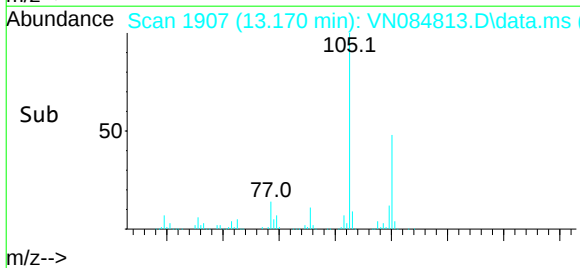
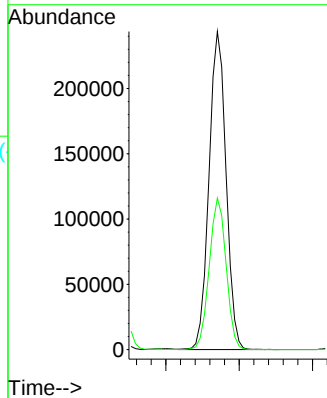
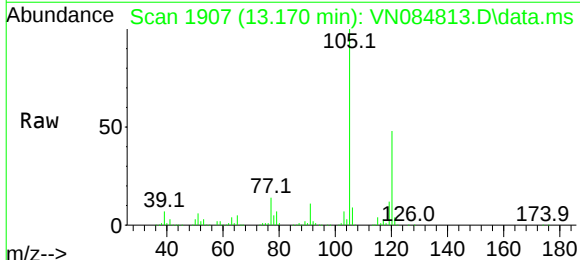
Manual Integrations
APPROVED

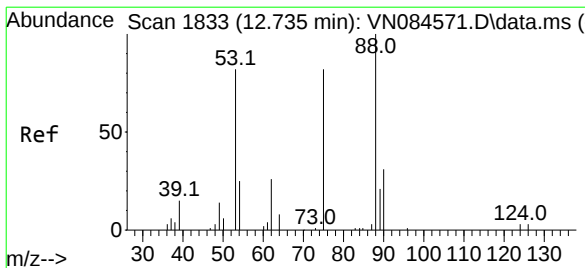
Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#80
1,3,5-Trimethylbenzene
Concen: 48.967 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

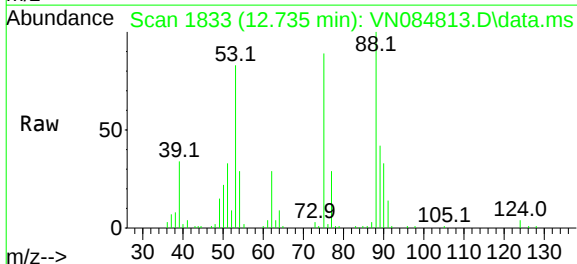
Tgt Ion:105 Resp: 392969
Ion Ratio Lower Upper
105 100
120 47.1 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 41.967 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

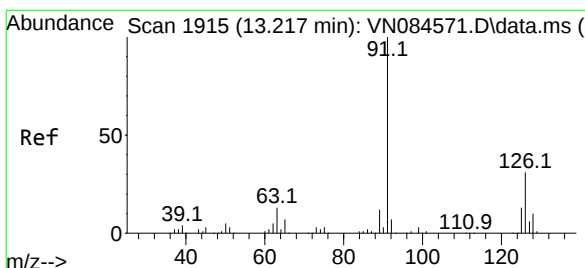
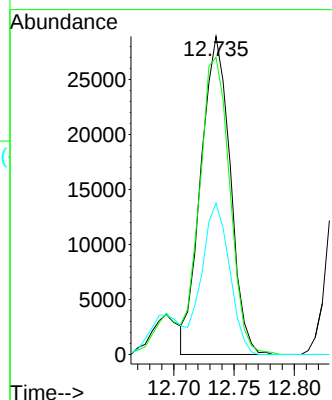
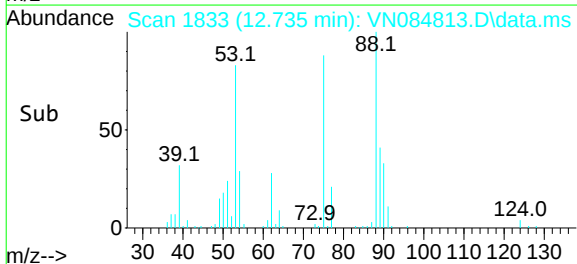
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 48859
Ion Ratio Lower Upper
75 100
53 96.4 78.0 117.0
89 44.4 35.5 53.3

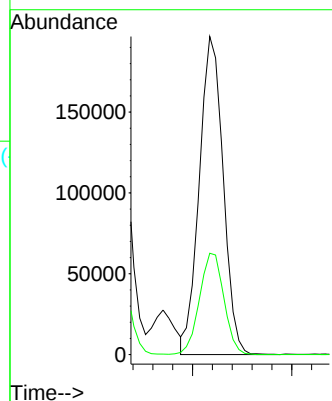
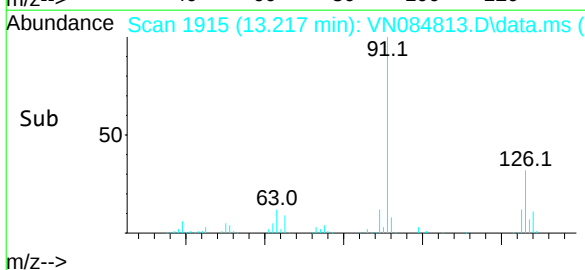
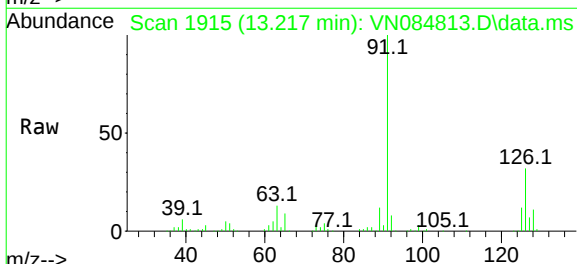
Manual Integrations
APPROVED

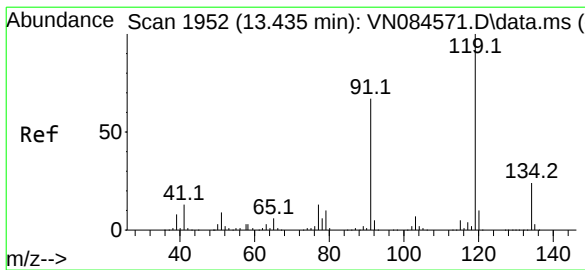
Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#82
4-Chlorotoluene
Concen: 42.138 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

Tgt Ion: 91 Resp: 328776
Ion Ratio Lower Upper
91 100
126 32.6 15.7 47.1





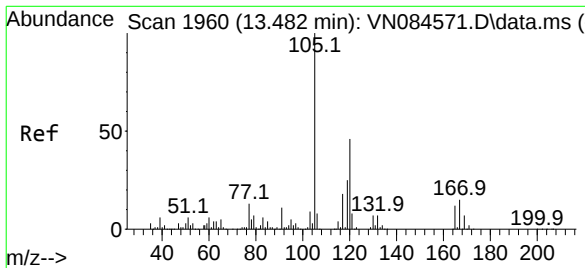
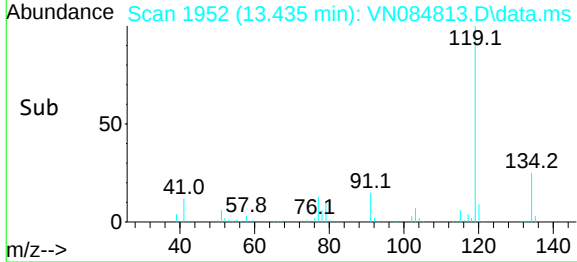
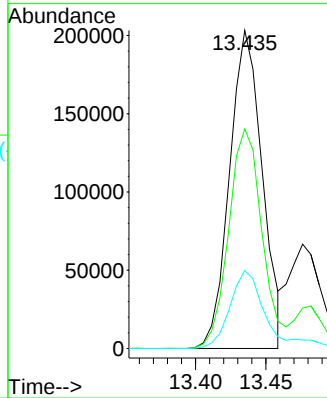
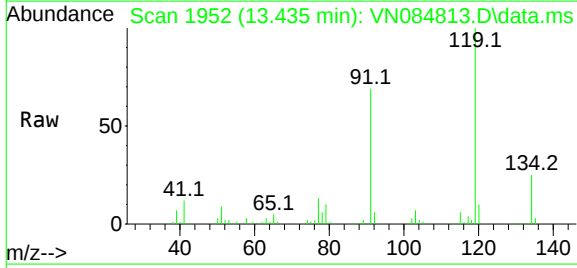
#83
tert-Butylbenzene
Concen: 49.514 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 328866
Ion Ratio Lower Upper
119 100
91 70.5 34.1 102.3
134 26.9 12.8 38.4

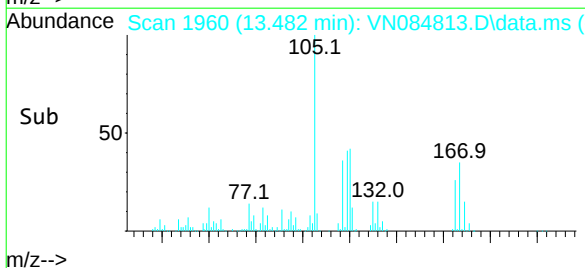
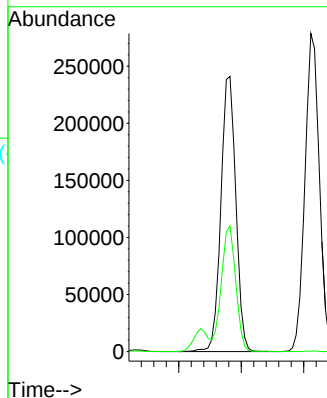
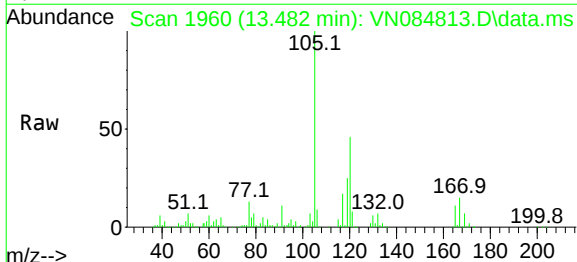
Manual Integrations
APPROVED

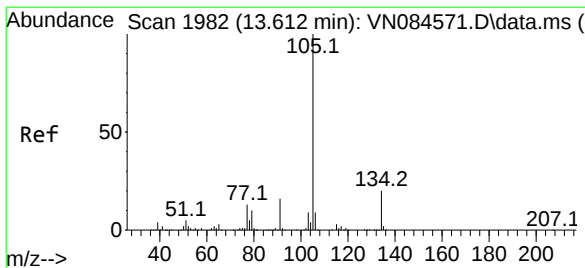
Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#84
1,2,4-Trimethylbenzene
Concen: 48.356 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

Tgt Ion:105 Resp: 400528
Ion Ratio Lower Upper
105 100
120 43.9 22.3 66.8





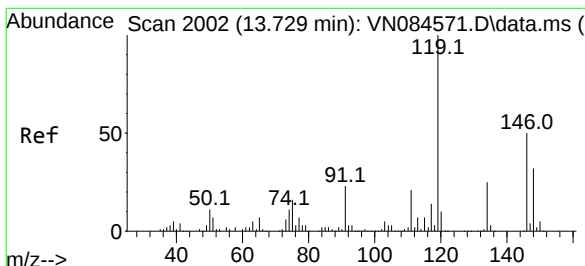
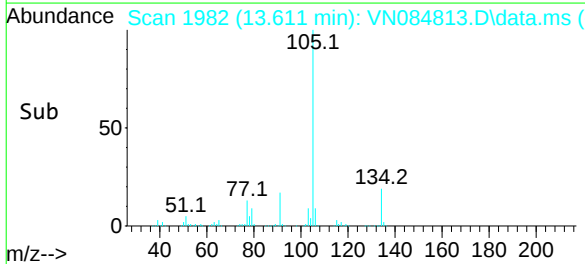
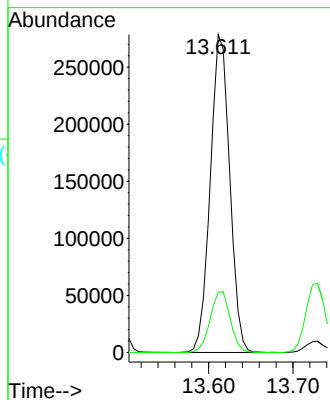
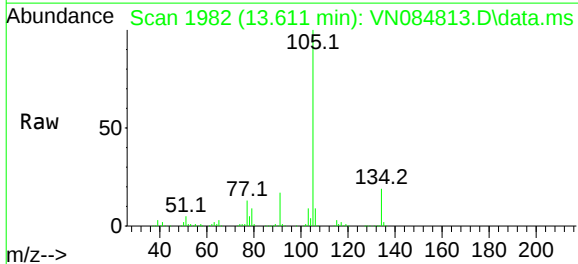
#85
sec-Butylbenzene
Concen: 47.559 ug/l
RT: 13.611 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 446198
Ion Ratio Lower Upper
105 100
134 19.7 9.8 29.4

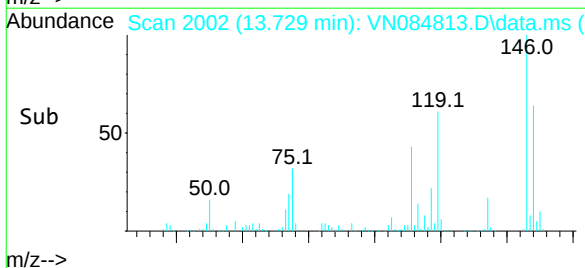
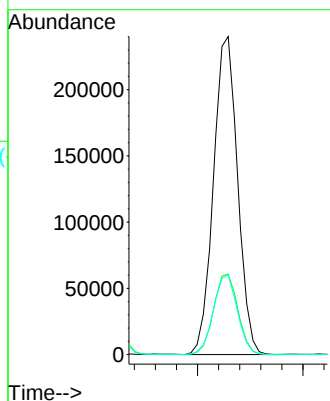
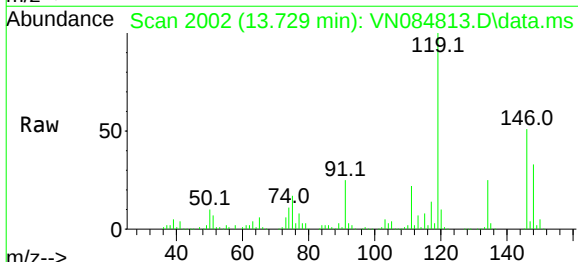
Manual Integrations
APPROVED

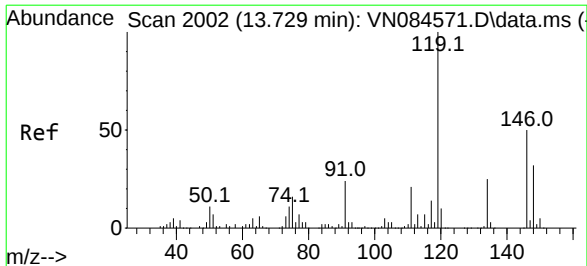
Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#86
p-Isopropyltoluene
Concen: 49.660 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

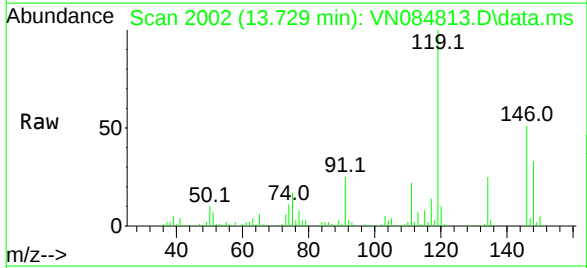
Tgt Ion:119 Resp: 382105
Ion Ratio Lower Upper
119 100
134 25.5 12.6 37.8
91 24.9 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 40.202 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

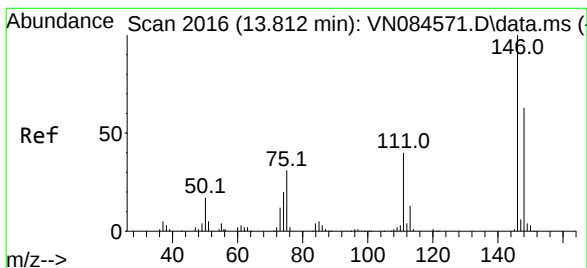
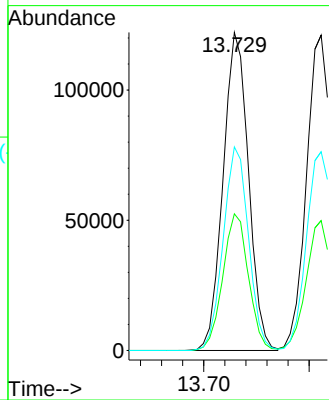
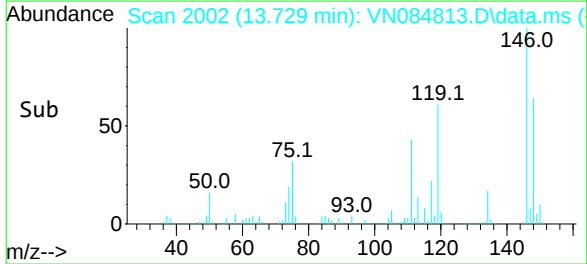
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 204226
Ion Ratio Lower Upper
146 100
111 43.5 21.8 65.3
148 63.9 31.9 95.7

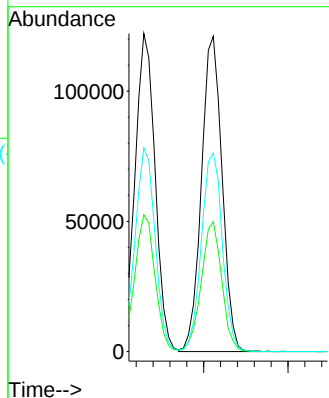
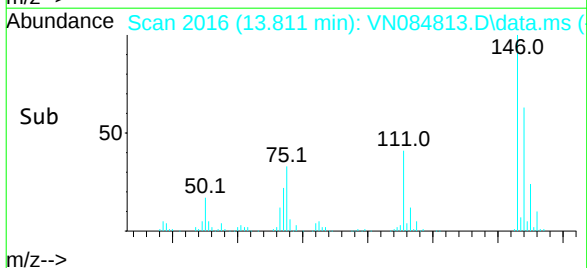
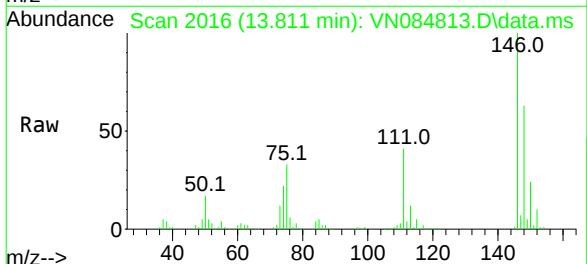
Manual Integrations
APPROVED

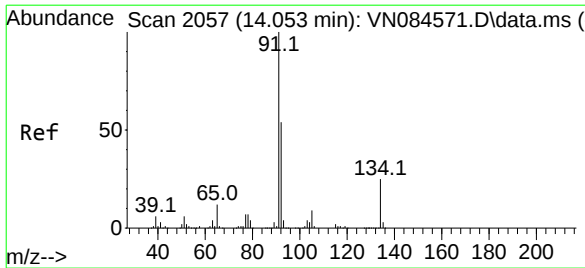
Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#88
1,4-Dichlorobenzene
Concen: 44.025 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.001 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

Tgt Ion:146 Resp: 205910
Ion Ratio Lower Upper
146 100
111 40.9 21.2 63.6
148 64.1 31.9 95.9





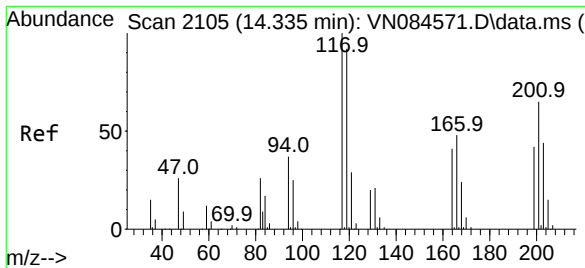
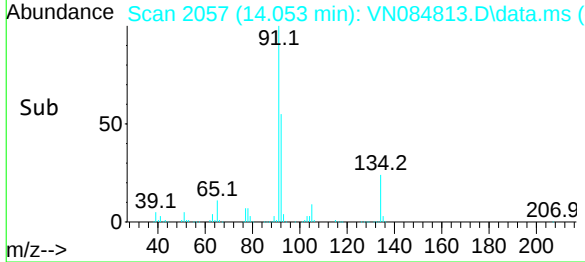
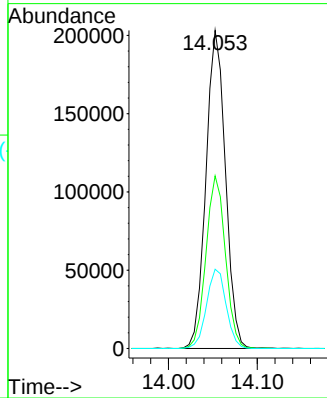
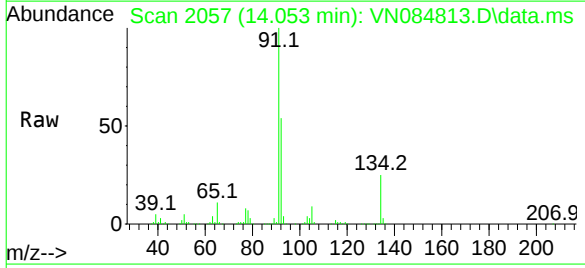
#89
n-Butylbenzene
Concen: 43.069 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 309990
Ion Ratio Lower Upper
91 100
92 54.0 26.6 79.7
134 25.1 12.3 36.9

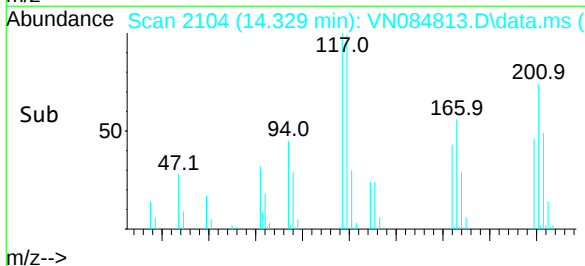
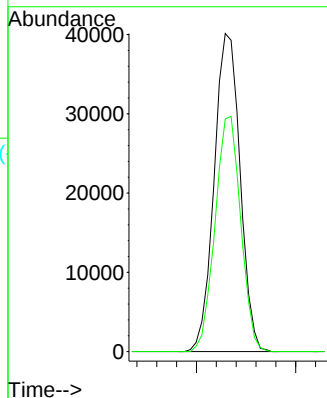
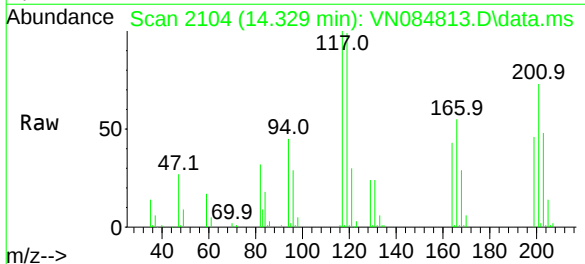
Manual Integrations
APPROVED

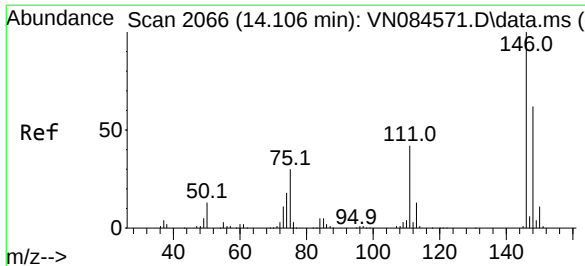
Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024



#90
Hexachloroethane
Concen: 42.445 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

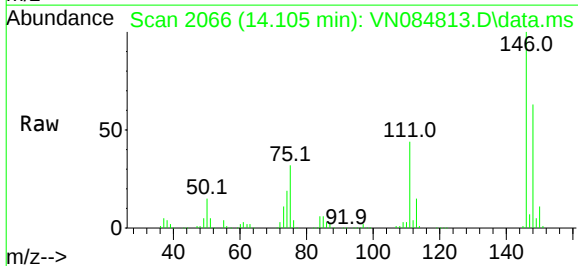
Tgt Ion:117 Resp: 72832
Ion Ratio Lower Upper
117 100
201 73.0 34.4 103.2





#91
1,2-Dichlorobenzene
Concen: 41.776 ug/l
RT: 14.105 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02

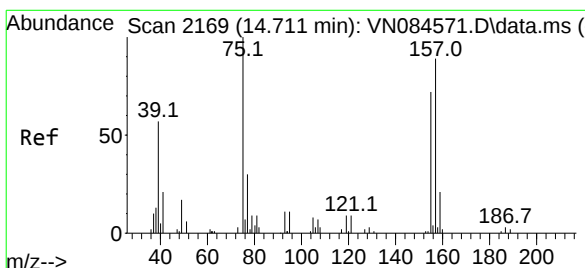
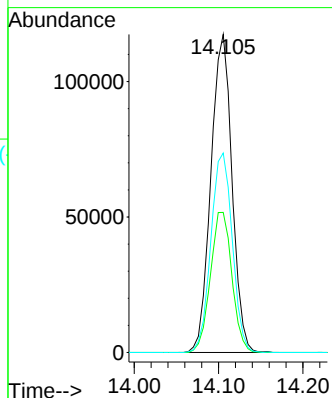
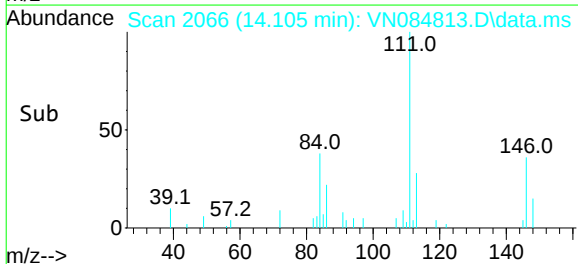
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



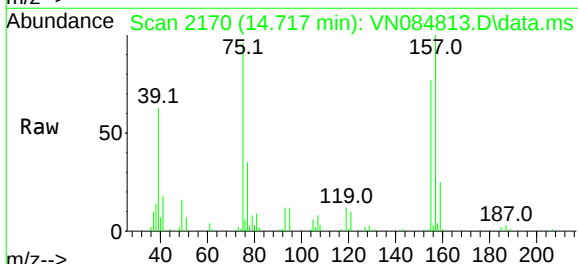
Tgt Ion: 146 Resp: 203932
Ion Ratio Lower Upper
146 100
111 45.0 22.0 66.0
148 63.8 32.1 96.3

Manual Integrations
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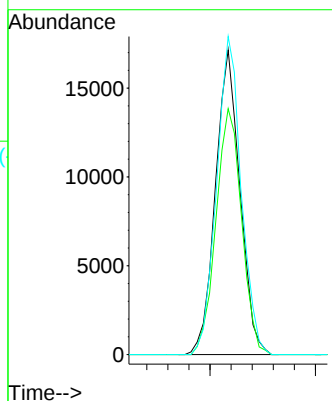
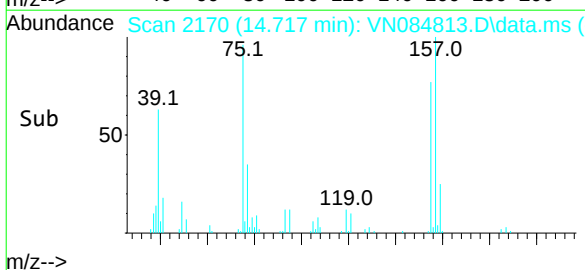
Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024

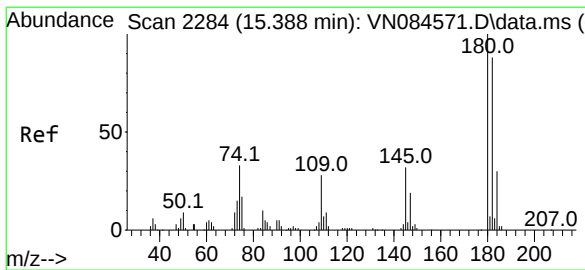


#92
1,2-Dibromo-3-Chloropropane
Concen: 42.318 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN084813.D
Acq: 12 Nov 2024 22:02



Tgt Ion: 75 Resp: 27708
Ion Ratio Lower Upper
75 100
155 84.2 38.1 114.5
157 104.6 49.6 149.0





#93

1,2,4-Trichlorobenzene

Concen: 38.134 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VN084813.D

Acq: 12 Nov 2024 22:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

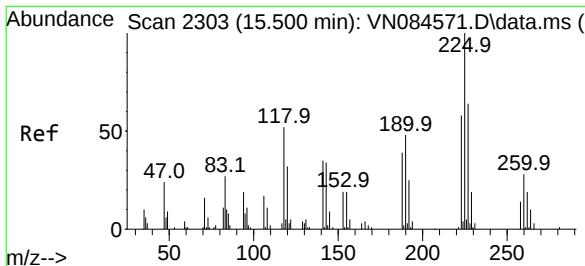
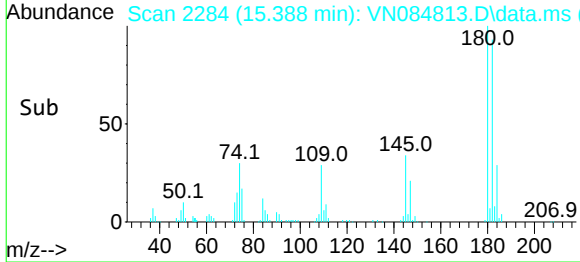
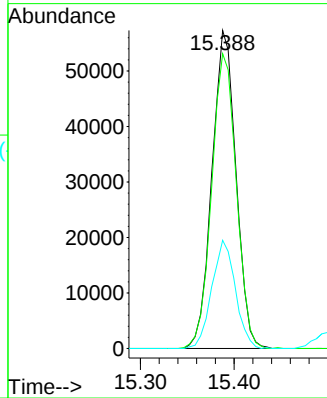
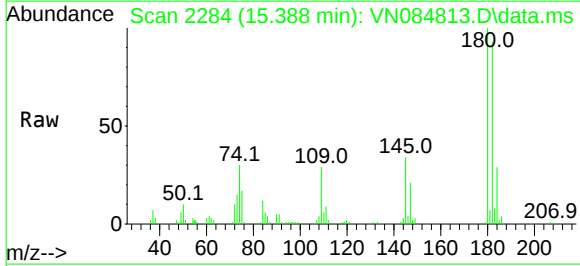
Tgt Ion:	180	Resp:	101891
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.0	141.0
145	33.4	16.4	49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2024

Supervised By :Mahesh Dadoda 11/13/2024



#94

Hexachlorobutadiene

Concen: 39.676 ug/l

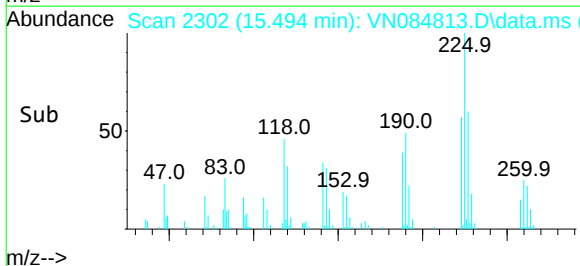
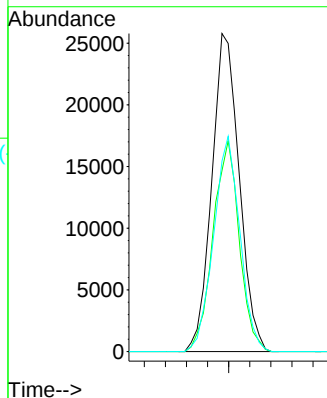
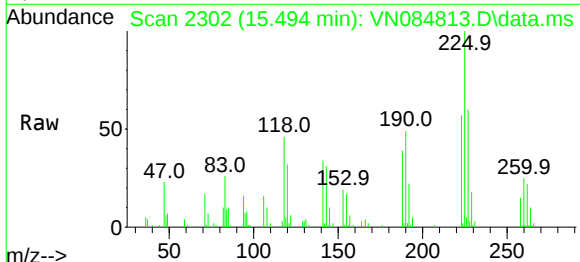
RT: 15.494 min Scan# 2302

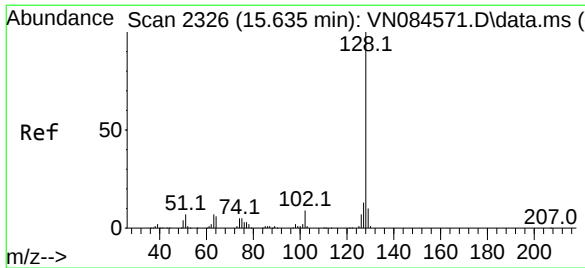
Delta R.T. -0.006 min

Lab File: VN084813.D

Acq: 12 Nov 2024 22:02

Tgt Ion:	225	Resp:	46554
Ion Ratio	Lower	Upper	
225	100		
223	63.4	32.4	97.2
227	64.8	32.4	97.0





#95

Naphthalene

Concen: 43.530 ug/l

RT: 15.641 min Scan# 2326

Delta R.T. 0.006 min

Lab File: VN084813.D

Acq: 12 Nov 2024 22:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

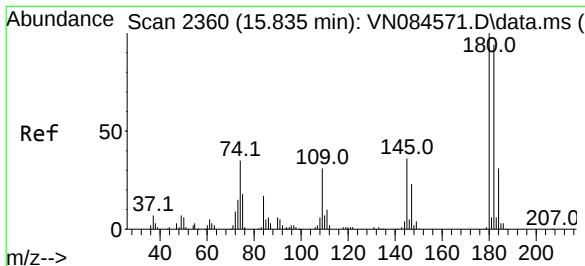
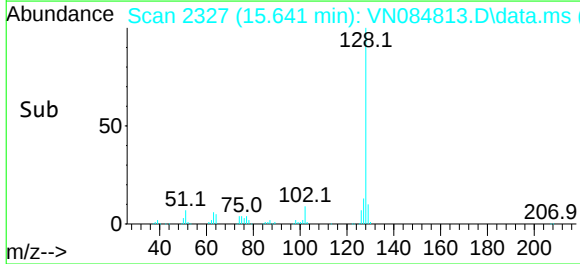
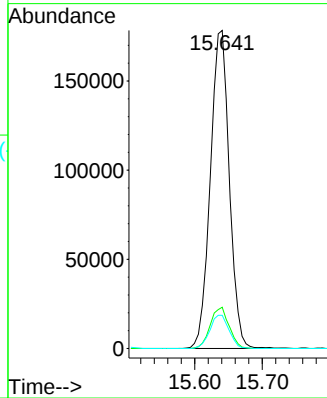
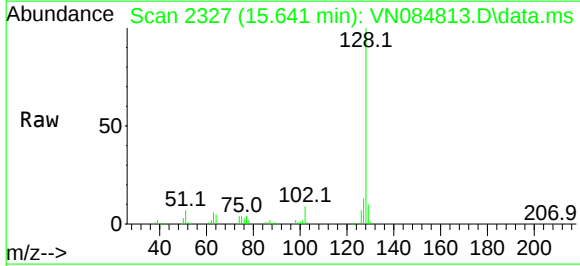
Tgt Ion:	128	Resp:	348135
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.6	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2024

Supervised By :Mahesh Dadoda 11/13/2024



#96

1,2,3-Trichlorobenzene

Concen: 39.648 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN084813.D

Acq: 12 Nov 2024 22:02

Tgt Ion:	180	Resp:	102835
Ion	Ratio	Lower	Upper
180	100		
182	93.8	48.2	144.6
145	34.6	17.3	51.9

