

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111824\
 Data File : VN084933.D
 Acq On : 18 Nov 2024 20:28
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 19 00:35:55 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

Manual Integrations APPROVED

Reviewed By : John Carlone 11/19/2024
 Supervised By : Mahesh Dadoda 11/19/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	190016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	329028	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	296396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	151901	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.577	65	131367	47.866	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.740%
35) Dibromofluoromethane	8.165	113	105196	47.234	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.460%
50) Toluene-d8	10.565	98	383751	46.776	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.560%
62) 4-Bromofluorobenzene	12.847	95	152428	49.714	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.420%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	98535	45.109	ug/l	94
3) Chloromethane	2.359	50	110713	42.833	ug/l	100
4) Vinyl Chloride	2.512	62	111788	47.581	ug/l	100
5) Bromomethane	2.901	94	55097	44.262	ug/l	97
6) Chloroethane	3.065	64	71084	48.846	ug/l	95
7) Trichlorofluoromethane	3.459	101	184431	47.655	ug/l	99
8) Diethyl Ether	3.954	74	69785	51.116	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.353	101	105255	48.131	ug/l	99
10) Methyl Iodide	4.571	142	145410	49.751	ug/l	95
11) Tert butyl alcohol	5.548	59	109921	303.429	ug/l	99
12) 1,1-Dichloroethene	4.318	96	102511	47.374	ug/l	98
13) Acrolein	4.171	56	91971	254.599	ug/l	100
14) Allyl chloride	5.012	41	181709	51.780	ug/l	92
15) Acrylonitrile	5.718	53	301916	287.886	ug/l	99
16) Acetone	4.424	43	242973	307.136	ug/l	99
17) Carbon Disulfide	4.700	76	267359	40.121	ug/l	100
18) Methyl Acetate	5.018	43	156566	54.417	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	369566	55.721	ug/l	98
20) Methylene Chloride	5.265	84	117488	48.673	ug/l	87
21) trans-1,2-Dichloroethene	5.777	96	104482	47.023	ug/l	97
22) Diisopropyl ether	6.671	45	370440	53.125	ug/l	98
23) Vinyl Acetate	6.595	43	1401496	291.453	ug/l	98
24) 1,1-Dichloroethane	6.559	63	208481	49.800	ug/l	99
25) 2-Butanone	7.483	43	396419	309.609	ug/l	99
26) 2,2-Dichloropropane	7.483	77	173353	47.576	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	129513	49.919	ug/l	97
28) Bromochloromethane	7.812	49	74009	44.372	ug/l	99
29) Tetrahydrofuran	7.836	42	261411	307.750	ug/l	97
30) Chloroform	7.959	83	218399	51.255	ug/l	98
31) Cyclohexane	8.253	56	177857	46.940	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	198048	51.066	ug/l	98
36) 1,1-Dichloropropene	8.365	75	145303	47.043	ug/l	99
37) Ethyl Acetate	7.559	43	156969	56.012	ug/l	98
38) Carbon Tetrachloride	8.359	117	169478	49.090	ug/l	98
39) Methylcyclohexane	9.594	83	163886	52.156	ug/l	98
40) Benzene	8.600	78	468176	47.198	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	87446	58.026	ug/l	96
42) 1,2-Dichloroethane	8.665	62	159987	49.802	ug/l	99
43) Isopropyl Acetate	8.688	43	382423	74.336	ug/l #	89
44) Trichloroethene	9.347	130	107891	47.162	ug/l	99
45) 1,2-Dichloropropane	9.618	63	115924	49.819	ug/l	99
46) Dibromomethane	9.706	93	80747	49.178	ug/l	98
47) Bromodichloromethane	9.888	83	173339	50.082	ug/l #	99
48) Methyl methacrylate	9.677	41	130614	59.886	ug/l	99
49) 1,4-Dioxane	9.694	88	42142	1090.372	ug/l #	79
51) 4-Methyl-2-Pentanone	10.441	43	819631	306.803	ug/l	99
52) Toluene	10.630	92	294133	50.701	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	177952	49.671	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	187228	49.377	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	109438	50.079	ug/l	96
56) Ethyl methacrylate	10.871	69	195166	61.743	ug/l	97
57) 1,3-Dichloropropane	11.159	76	192380	51.295	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	416635	281.679	ug/l	98
59) 2-Hexanone	11.194	43	615617	316.584	ug/l	98
60) Dibromochloromethane	11.359	129	130027	52.207	ug/l	99
61) 1,2-Dibromoethane	11.471	107	114125	50.998	ug/l	100
64) Tetrachloroethene	11.100	164	91306	46.312	ug/l	95
65) Chlorobenzene	11.888	112	306664	46.248	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	111858	48.498	ug/l	99
67) Ethyl Benzene	11.965	91	559579	50.556	ug/l	99
68) m/p-Xylenes	12.071	106	415818	99.232	ug/l	99
69) o-Xylene	12.394	106	205839	52.510	ug/l	99
70) Styrene	12.412	104	344225	50.339	ug/l	99
71) Bromoform	12.576	173	85750	49.409	ug/l #	96
73) Isopropylbenzene	12.694	105	522919	49.124	ug/l	100
74) N-amyl acetate	12.494	43	250556	55.303	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.935	83	173516	48.835	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	142014m	46.770	ug/l	
77) Bromobenzene	12.976	156	122800	42.912	ug/l	98
78) n-propylbenzene	13.035	91	596159	47.792	ug/l	98
79) 2-Chlorotoluene	13.123	91	381268	46.778	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	437859	49.629	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	61408	47.979	ug/l	99
82) 4-Chlorotoluene	13.218	91	377042	43.956	ug/l	100
83) tert-Butylbenzene	13.435	119	380955	52.173	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	446169	48.998	ug/l	100
85) sec-Butylbenzene	13.618	105	501568	48.629	ug/l	99
86) p-Isopropyltoluene	13.729	119	422297	49.923	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	228918	40.990	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	226406	44.033	ug/l	99
89) n-Butylbenzene	14.053	91	357120	45.133	ug/l	99
90) Hexachloroethane	14.329	117	82187	43.568	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	231172	43.076	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	35543	49.378	ug/l	100
93) 1,2,4-Trichlorobenzene	15.394	180	115285	39.248	ug/l	99
94) Hexachlorobutadiene	15.500	225	50621	39.243	ug/l	96
95) Naphthalene	15.641	128	417329	47.466	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	114987	40.326	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

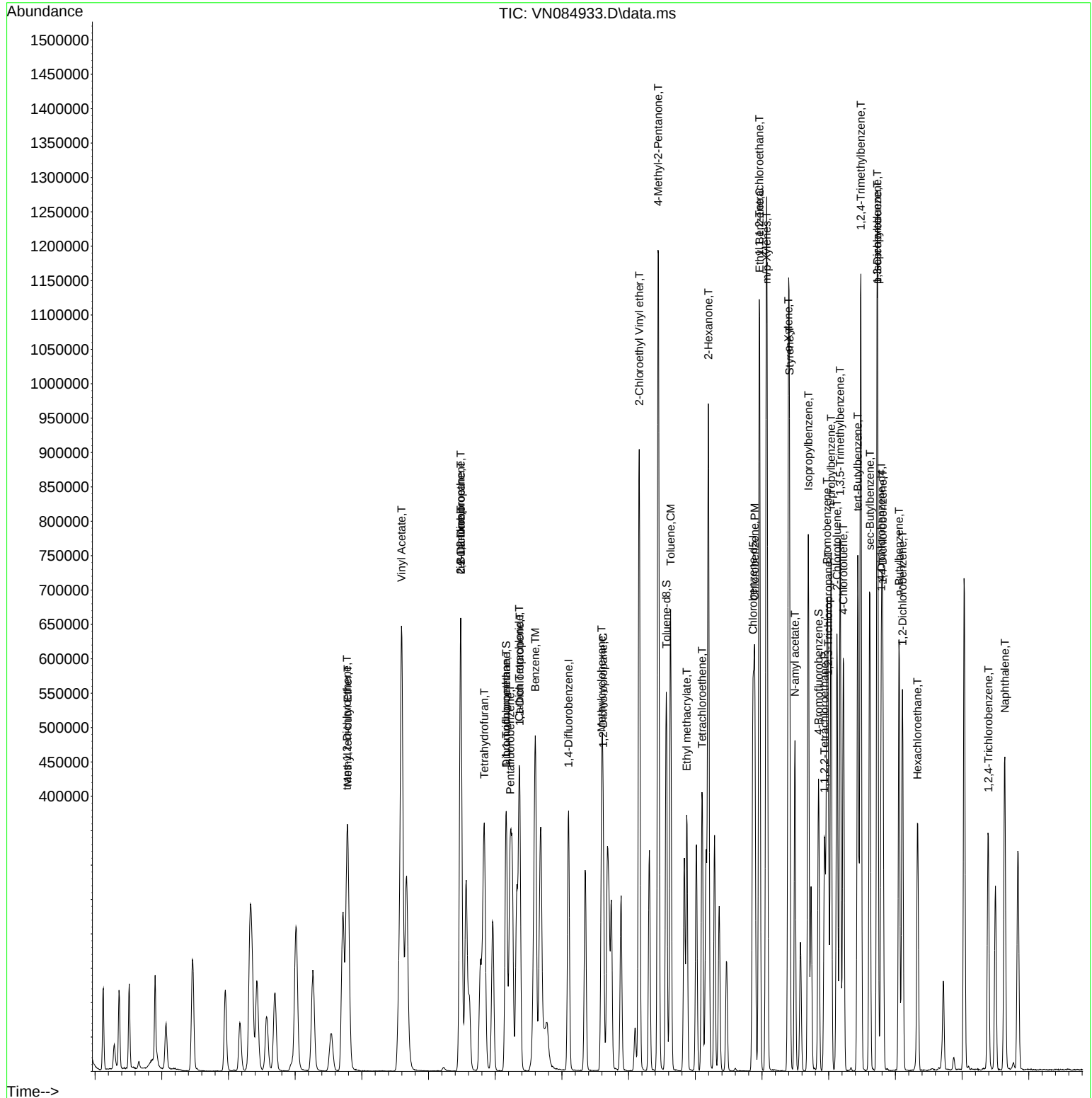
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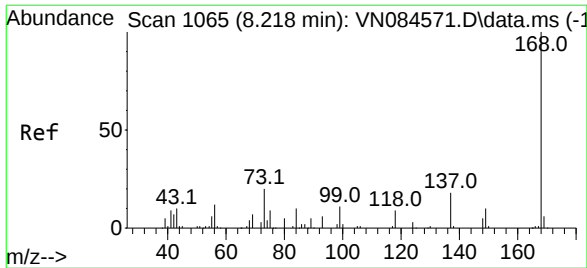
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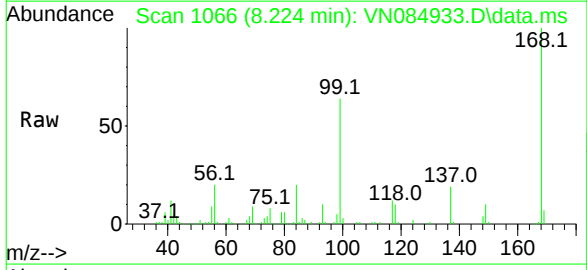
Reviewed By : John Carlone 11/19/2024
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084933.D
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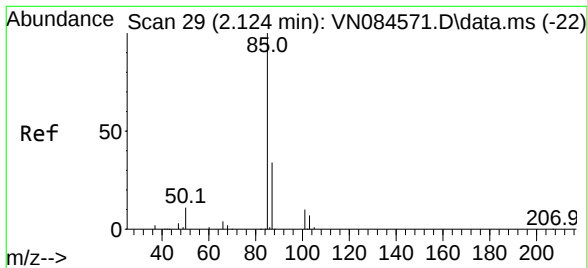
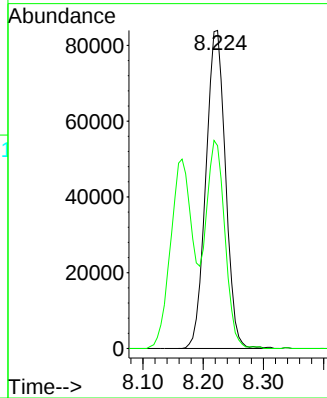
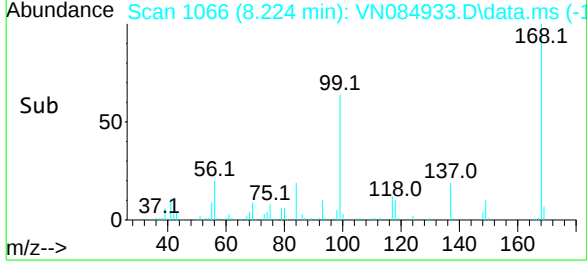
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 190016
Ion Ratio Lower Upper
168 100
99 63.8 54.2 81.2

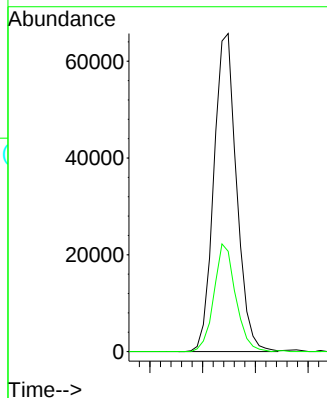
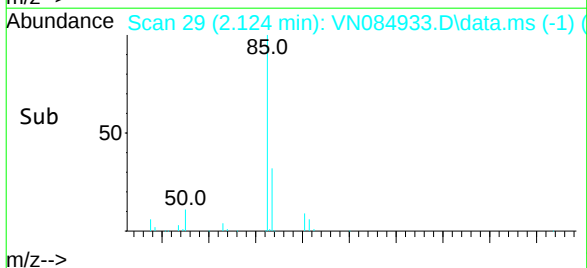
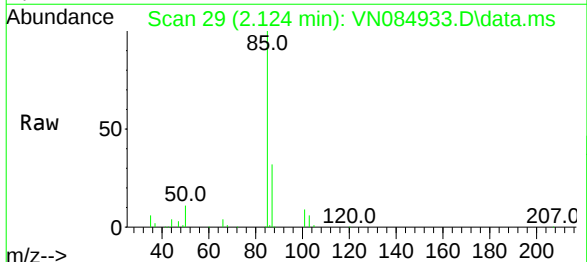
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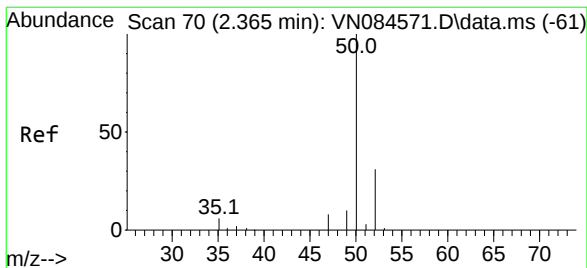
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#2
Dichlorodifluoromethane
Concen: 45.109 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

Tgt Ion: 85 Resp: 98535
Ion Ratio Lower Upper
85 100
87 31.5 17.6 52.9





#3

Chloromethane

Concen: 42.833 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN084933.D

Acq: 18 Nov 2024 20:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 110713

Ion Ratio Lower Upper

50 100

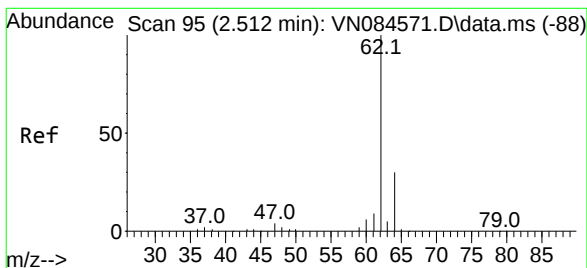
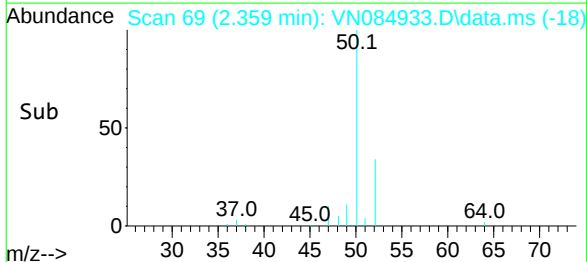
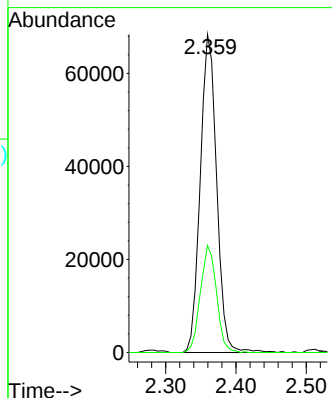
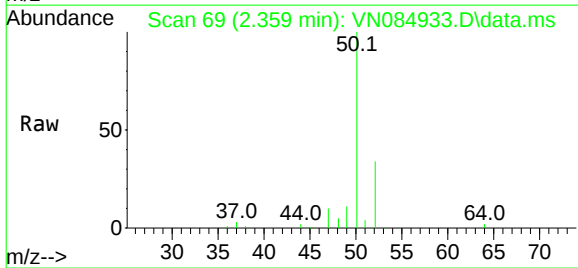
52 33.7 26.8 40.2

Manual Integrations

APPROVED

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#4

Vinyl Chloride

Concen: 47.581 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.006 min

Lab File: VN084933.D

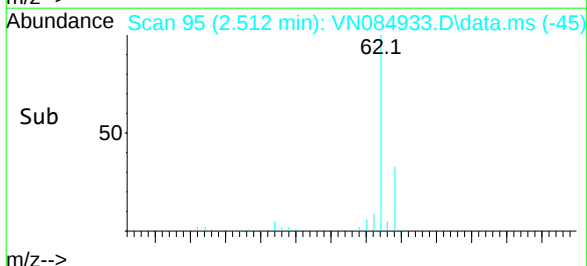
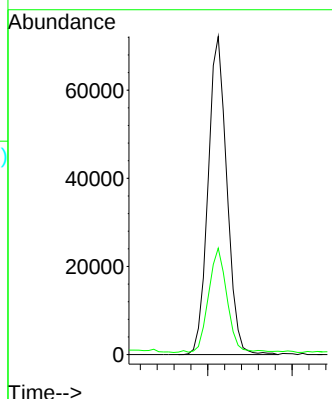
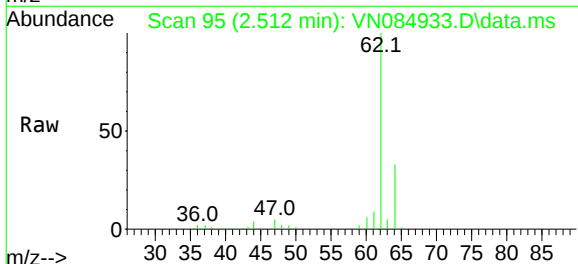
Acq: 18 Nov 2024 20:28

Tgt Ion: 62 Resp: 111788

Ion Ratio Lower Upper

62 100

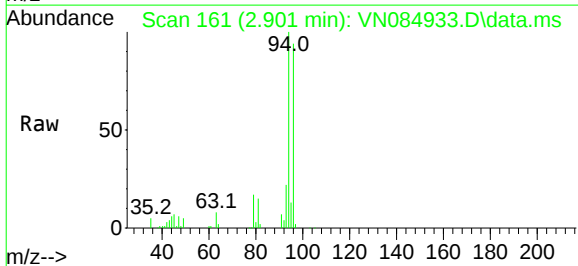
64 32.7 26.2 39.4





#5
Bromomethane
Concen: 44.262 ug/l
RT: 2.901 min Scan# 161
Delta R.T. -0.052 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

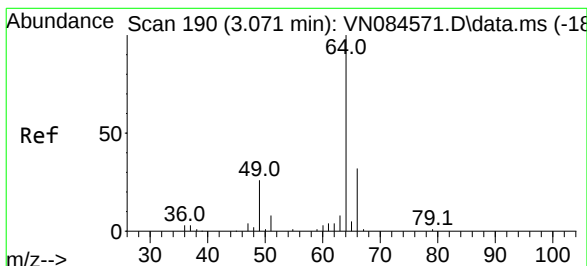
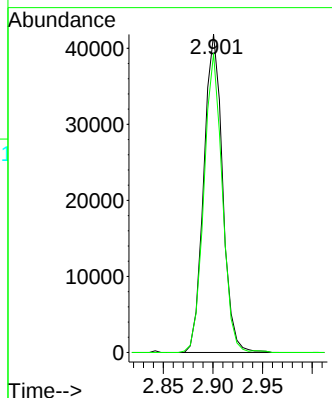
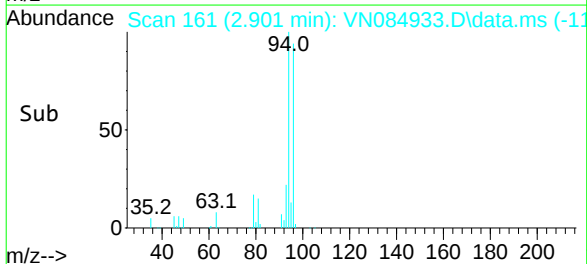
Instrument :
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Tgt Ion: 94 Resp: 55097
Ion Ratio Lower Upper
94 100
96 94.0 72.9 109.3

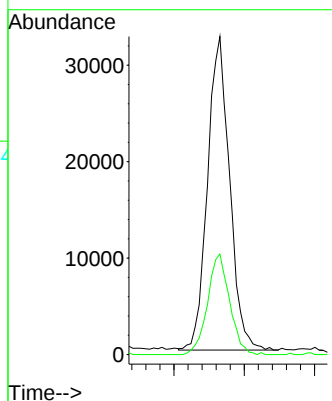
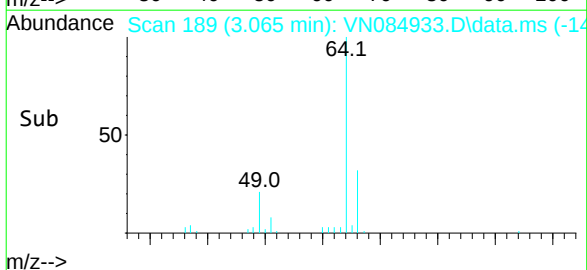
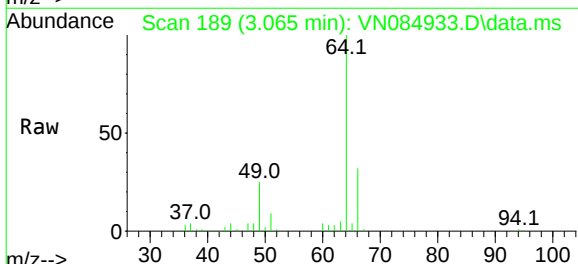
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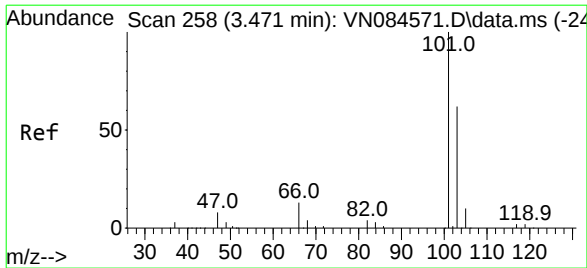
Reviewed By :John Carlone 11/19/2024
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#6
Chloroethane
Concen: 48.846 ug/l
RT: 3.065 min Scan# 189
Delta R.T. -0.053 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

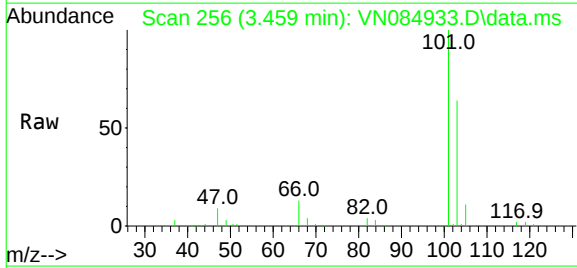
Tgt Ion: 64 Resp: 71084
Ion Ratio Lower Upper
64 100
66 32.1 23.5 35.3





Trichlorofluoromethane
Concen: 47.655 ug/l
RT: 3.459 min Scan# 258
Delta R.T. -0.036 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

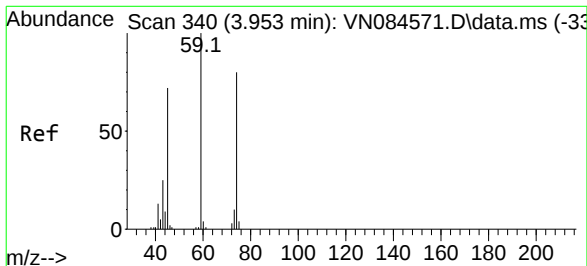
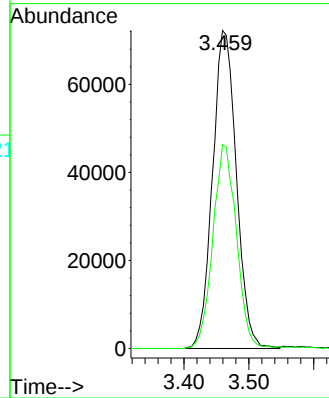
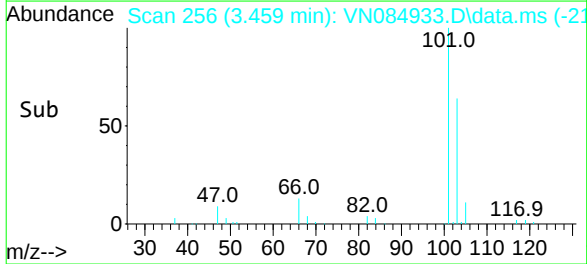
Instrument :
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Tgt Ion:101 Resp: 184431
Ion Ratio Lower Upper
101 100
103 64.1 51.8 77.6

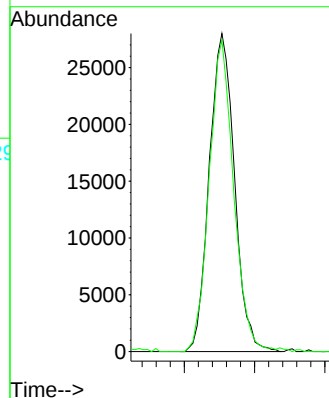
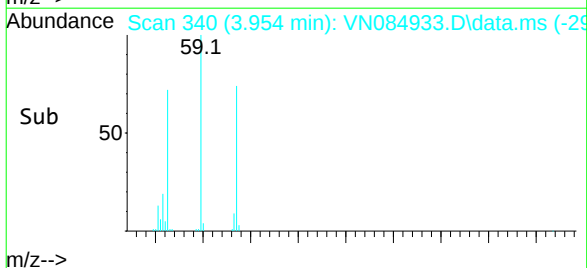
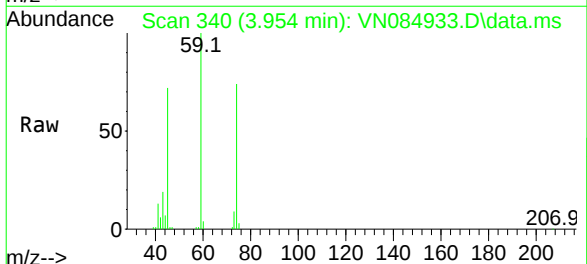
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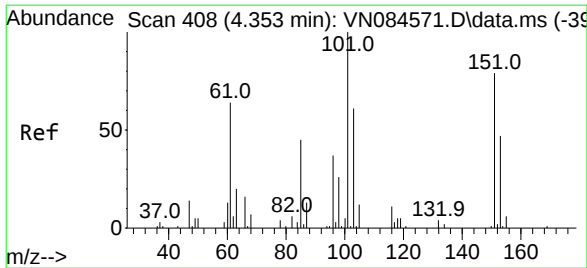
Reviewed By :John Carlone 11/19/2024
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Diethyl Ether
Concen: 51.116 ug/l
RT: 3.954 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

Tgt Ion: 74 Resp: 69785
Ion Ratio Lower Upper
74 100
45 94.9 47.7 143.1





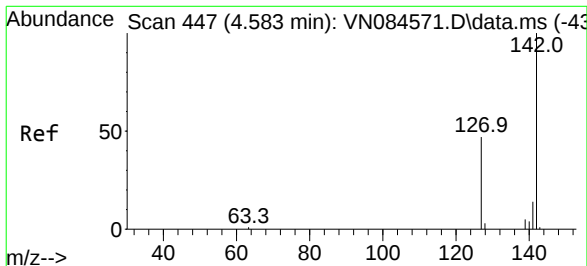
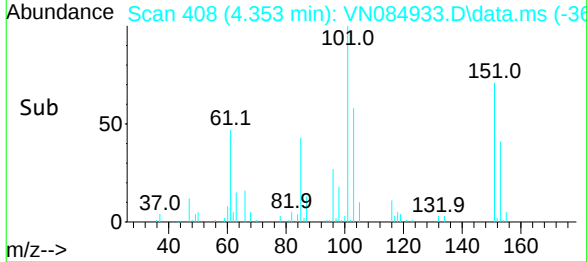
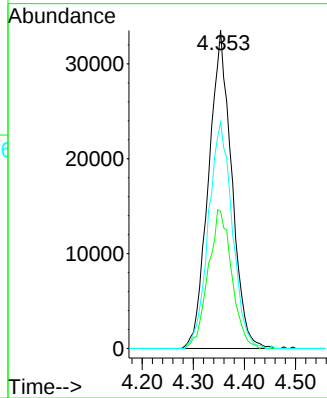
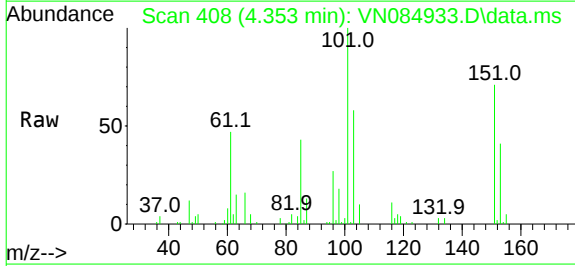
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.131 ug/l
RT: 4.353 min Scan# 408
Delta R.T. -0.018 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	101	Resp:	105255
Ion Ratio	Lower	Upper	
101	100		
85	44.5	36.2	54.4
151	73.5	59.3	88.9

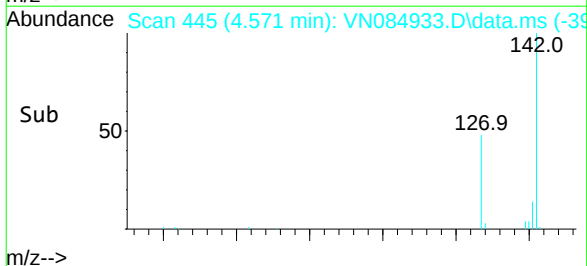
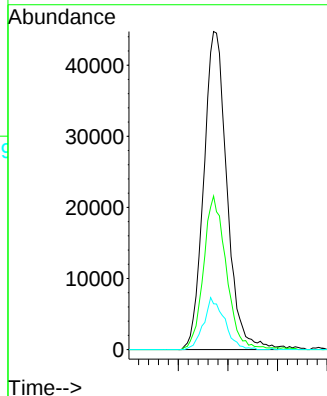
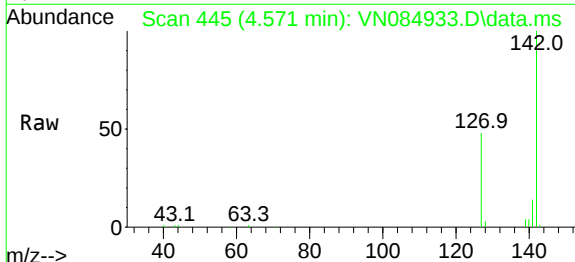
Manual Integrations
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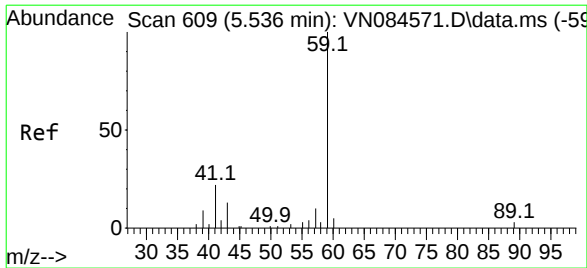
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#10
Methyl Iodide
Concen: 49.751 ug/l
RT: 4.571 min Scan# 445
Delta R.T. -0.023 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

Tgt Ion:	142	Resp:	145410
Ion Ratio	Lower	Upper	
142	100		
127	48.3	35.3	52.9
141	14.4	11.0	16.6





#11

Tert butyl alcohol

Concen: 303.429 ug/l

RT: 5.548 min Scan# 61

Delta R.T. 0.024 min

Lab File: VN084933.D

Acq: 18 Nov 2024 20:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 109921

Ion Ratio Lower Upper

59 100

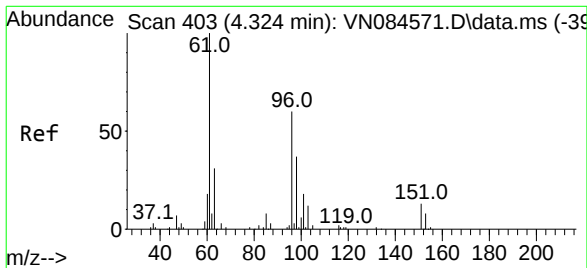
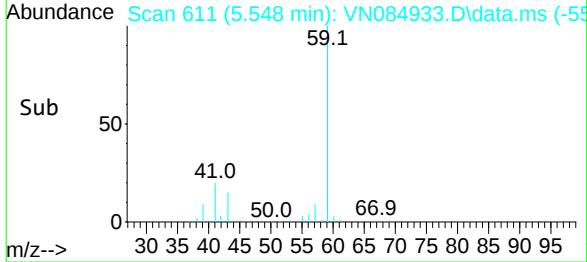
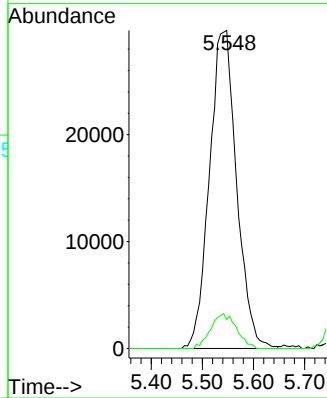
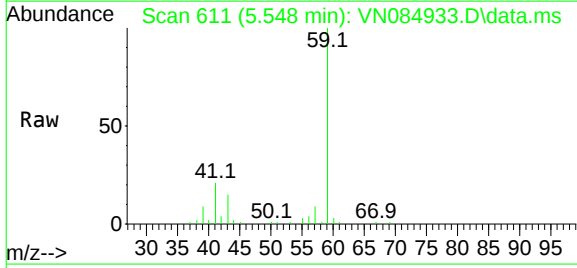
57 10.4 8.2 12.2

Manual Integrations

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Reviewed By :John Carlone 11/19/2024

Supervised By :Mahesh Dadoda 11/19/2024



#12

1,1-Dichloroethene

Concen: 47.374 ug/l

RT: 4.318 min Scan# 402

Delta R.T. -0.023 min

Lab File: VN084933.D

Acq: 18 Nov 2024 20:28

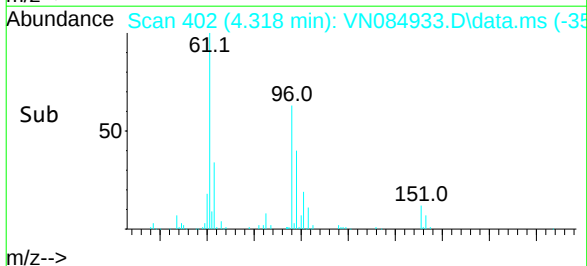
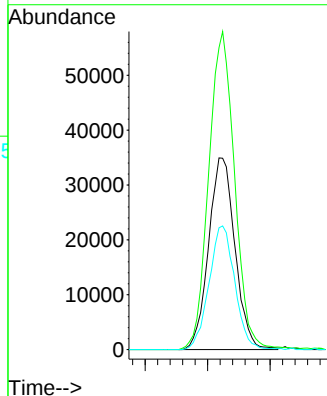
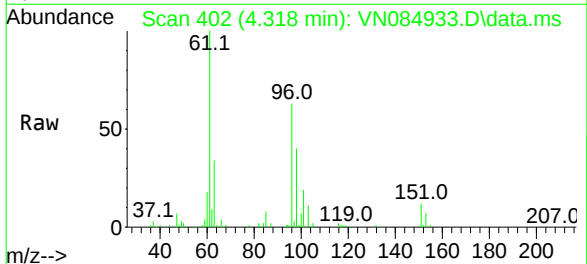
Tgt Ion: 96 Resp: 102511

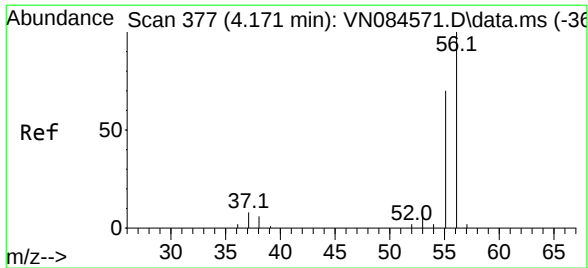
Ion Ratio Lower Upper

96 100

61 157.5 128.6 192.8

98 63.5 51.7 77.5





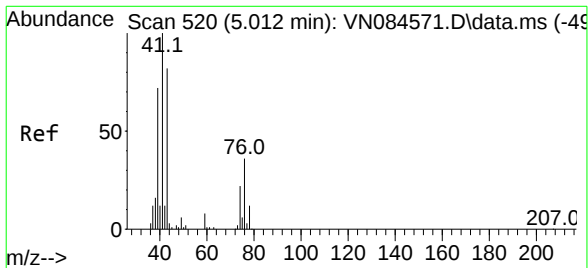
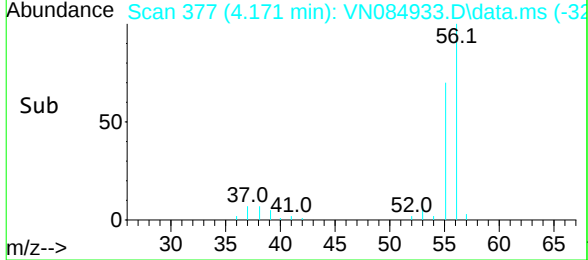
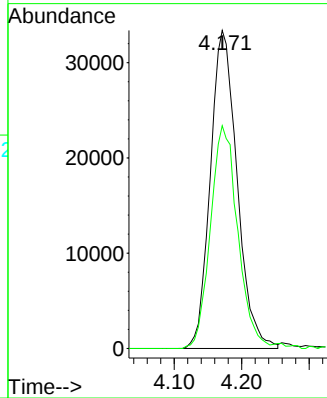
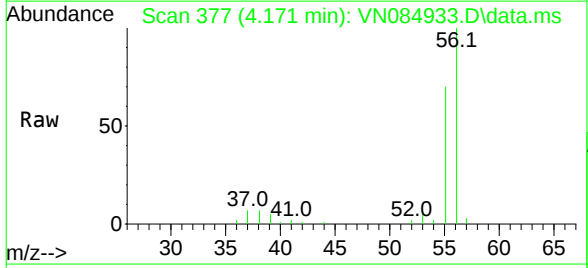
#13
Acrolein
Concen: 254.599 ug/l
RT: 4.171 min Scan# 371
Delta R.T. -0.006 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 91971
Ion Ratio Lower Upper
56 100
55 71.1 57.2 85.8

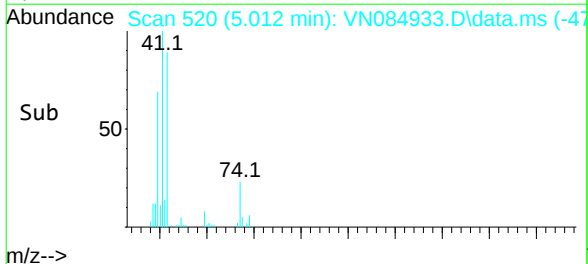
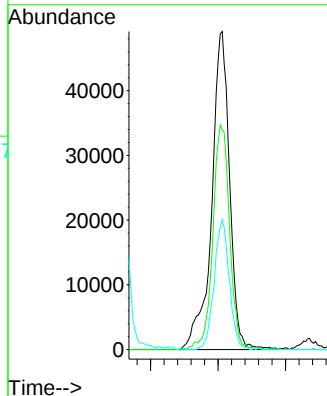
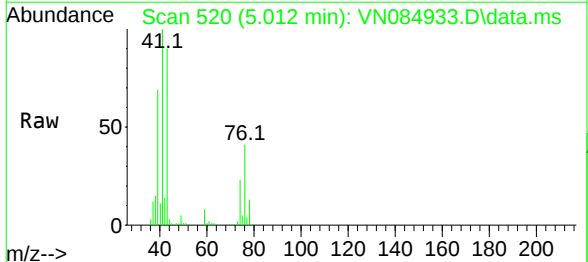
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#14
Allyl chloride
Concen: 51.780 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.012 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

Tgt Ion: 41 Resp: 181709
Ion Ratio Lower Upper
41 100
39 65.8 59.0 88.6
76 34.3 29.8 44.6





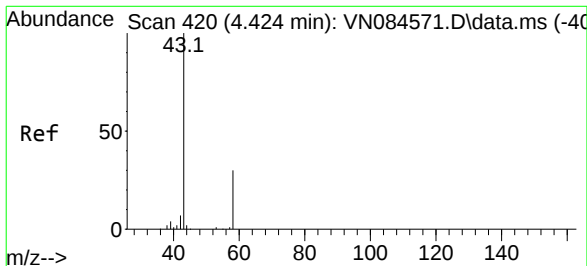
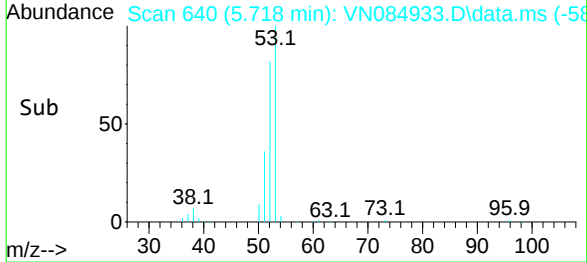
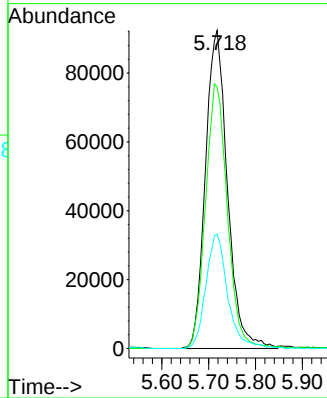
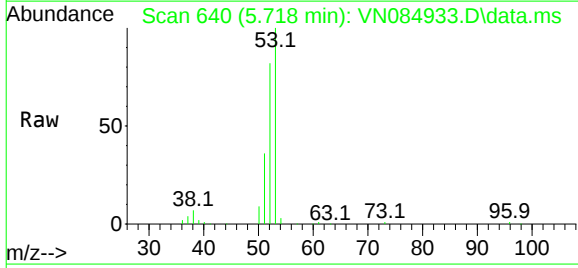
#15
Acrylonitrile
Concen: 287.886 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 301916
Ion Ratio Lower Upper
53 100
52 82.2 66.2 99.4
51 35.8 28.8 43.2

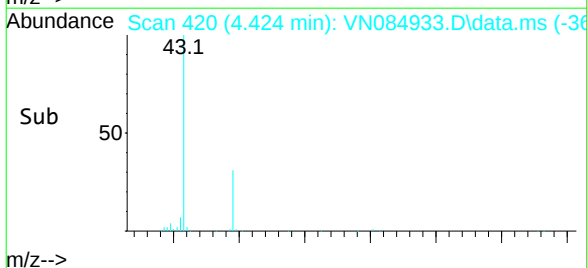
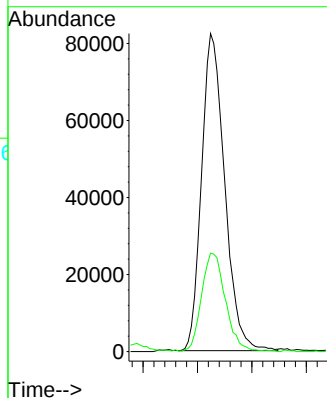
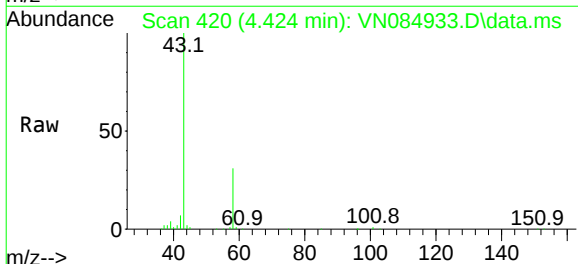
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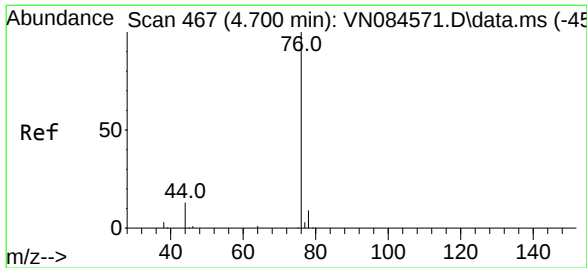
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#16
Acetone
Concen: 307.136 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

Tgt Ion: 43 Resp: 242973
Ion Ratio Lower Upper
43 100
58 31.1 24.4 36.6





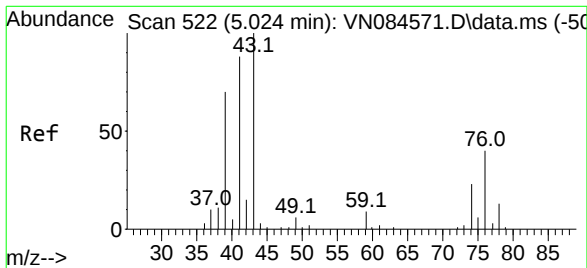
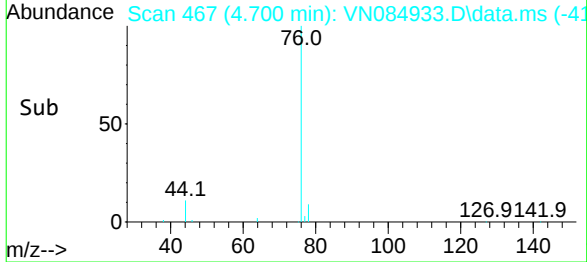
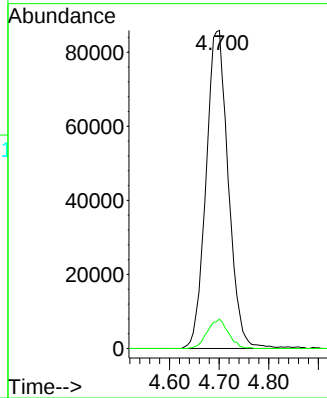
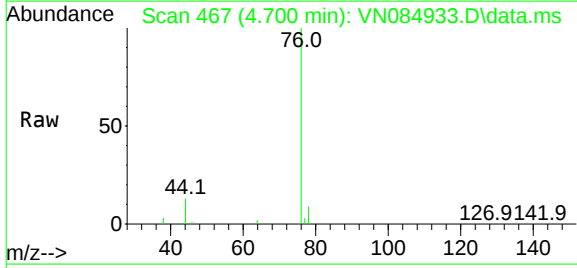
#17
Carbon Disulfide
Concen: 40.121 ug/l
RT: 4.700 min Scan# 46
Delta R.T. -0.011 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 267359
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

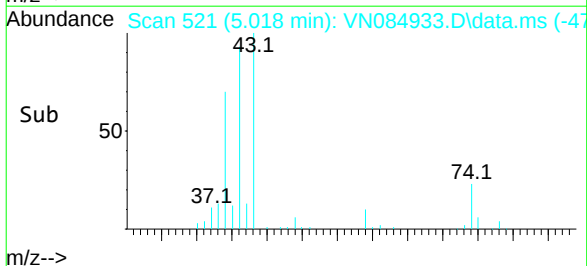
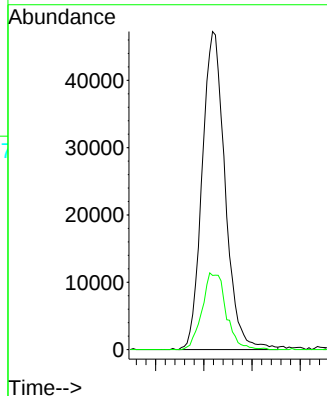
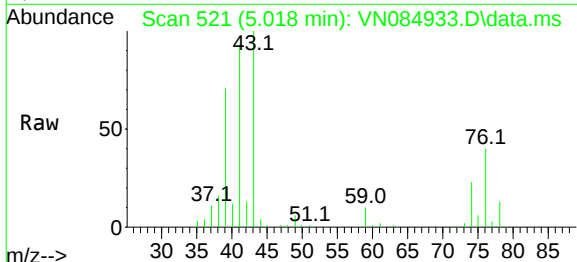
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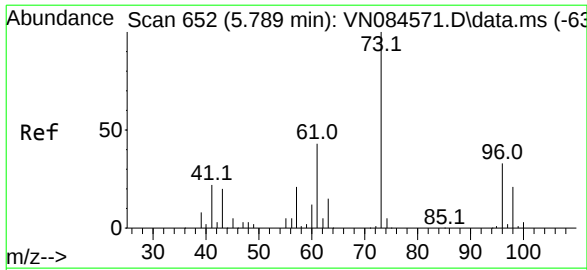
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#18
Methyl Acetate
Concen: 54.417 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

Tgt Ion: 43 Resp: 156566
Ion Ratio Lower Upper
43 100
74 25.0 19.2 28.8





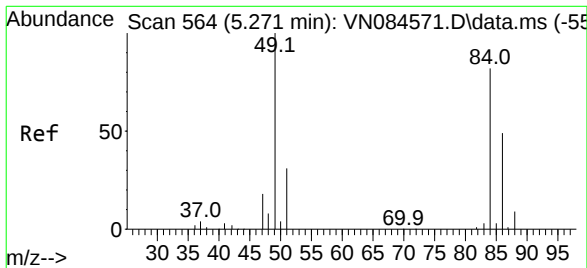
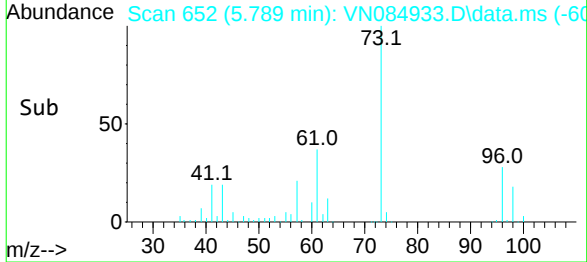
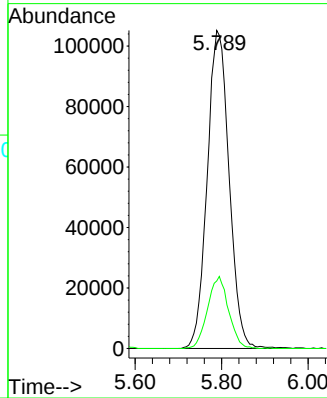
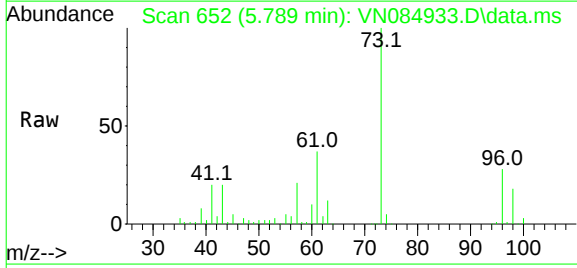
#19
Methyl tert-butyl Ether
Concen: 55.721 ug/l
RT: 5.789 min Scan# 65
Delta R.T. -0.006 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 369566
Ion Ratio Lower Upper
73 100
57 21.2 17.7 26.5

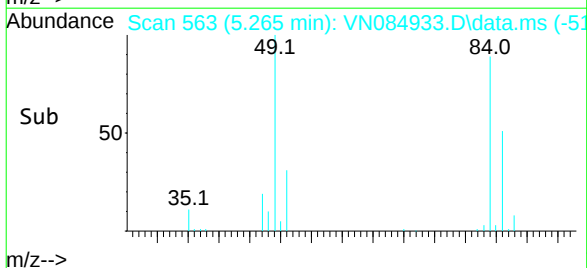
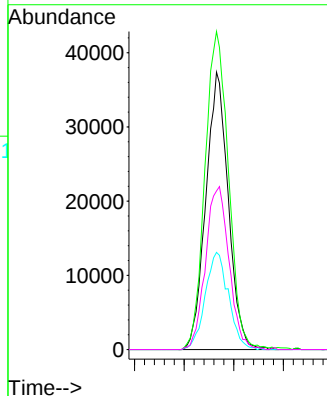
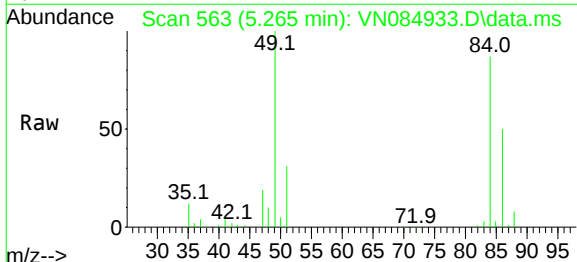
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Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#20
Methylene Chloride
Concen: 48.673 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

Tgt Ion: 84 Resp: 117488
Ion Ratio Lower Upper
84 100
49 114.6 107.2 160.8
51 35.0 31.8 47.8
86 57.2 52.9 79.3





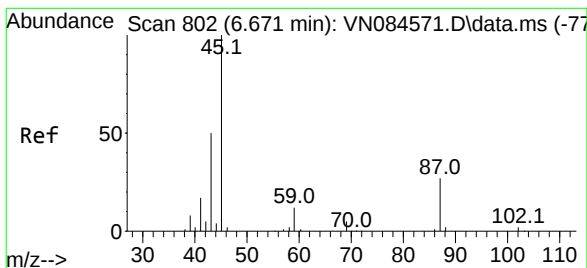
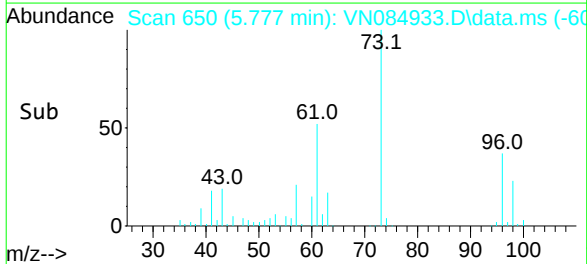
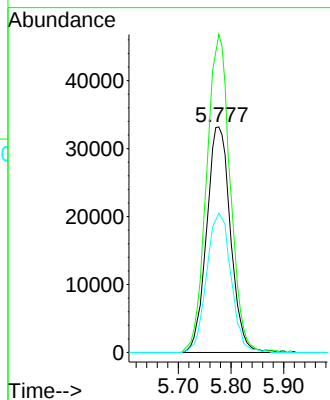
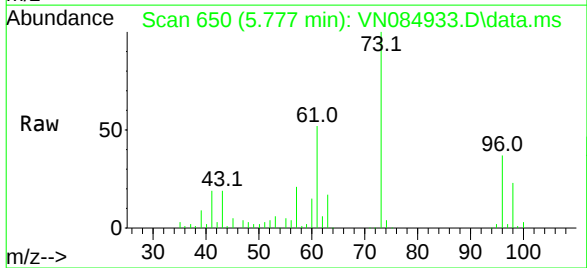
#21
trans-1,2-Dichloroethene
Concen: 47.023 ug/l
RT: 5.777 min Scan# 650
Delta R.T. -0.012 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 104482
Ion Ratio Lower Upper
96 100
61 141.0 108.4 162.6
98 61.7 49.8 74.8

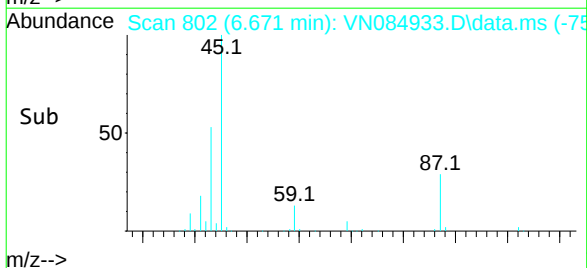
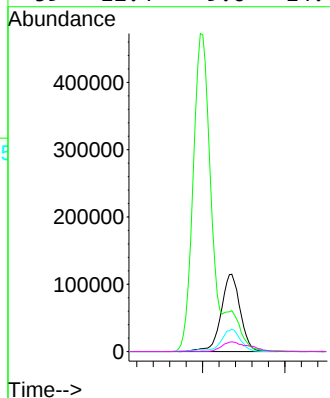
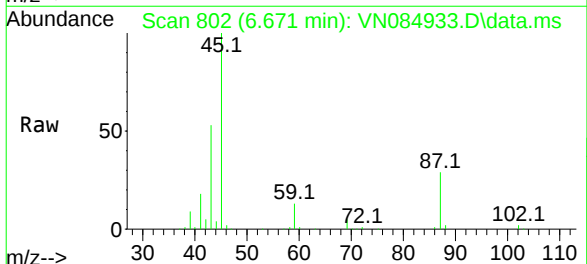
Manual Integrations
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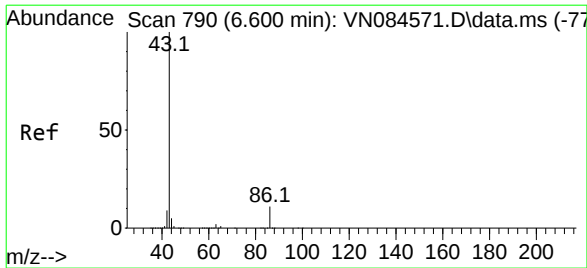
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#22
Diisopropyl ether
Concen: 53.125 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

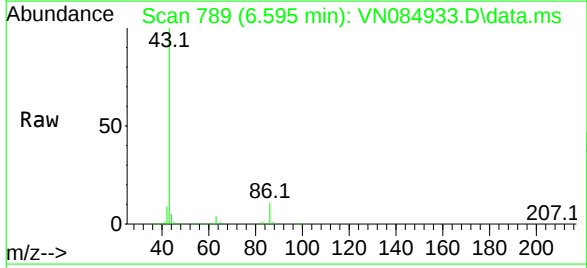
Tgt Ion: 45 Resp: 370440
Ion Ratio Lower Upper
45 100
43 51.8 42.3 63.5
87 28.9 21.8 32.6
59 12.4 9.6 14.4





#23
 Vinyl Acetate
 Concen: 291.453 ug/l
 RT: 6.595 min Scan# 788
 Delta R.T. -0.006 min
 Lab File: VN084933.D
 Acq: 18 Nov 2024 20:28

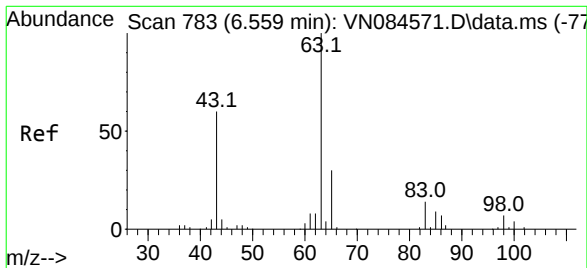
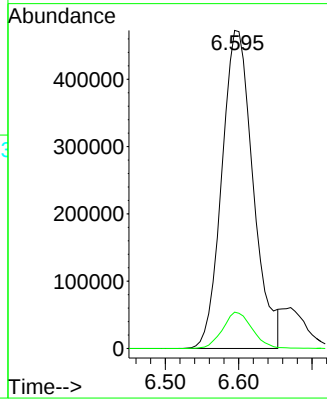
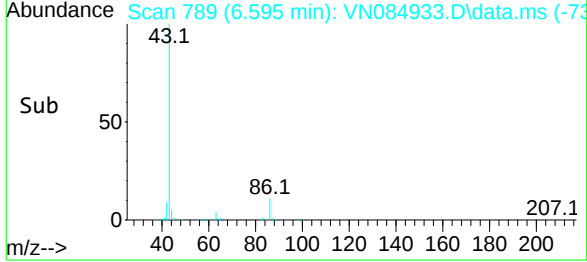
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



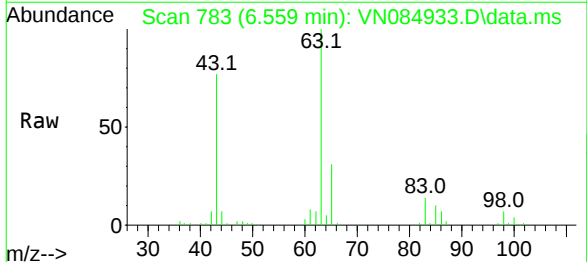
Tgt Ion: 43 Resp: 1401496
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.6 12.8

Manual Integrations
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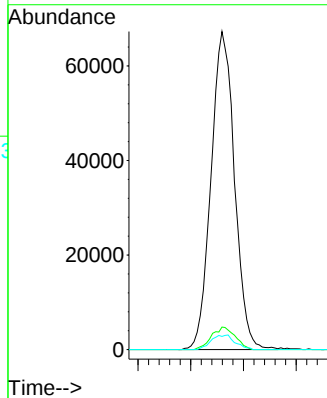
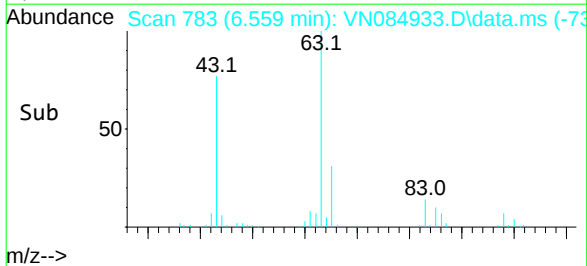
Reviewed By :John Carlone 11/19/2024
 Supervised By :Mahesh Dadoda 11/19/2024

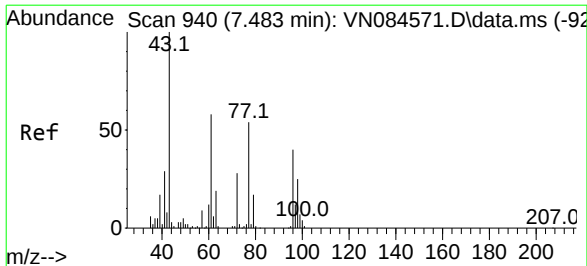


#24
 1,1-Dichloroethane
 Concen: 49.800 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.012 min
 Lab File: VN084933.D
 Acq: 18 Nov 2024 20:28



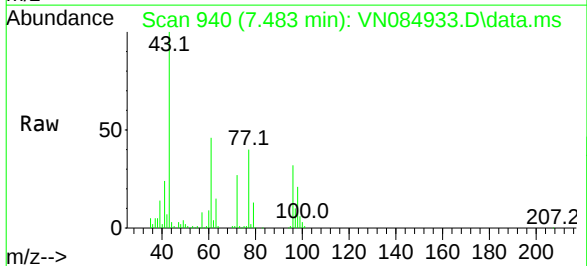
Tgt Ion: 63 Resp: 208481
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.4 10.2
 100 4.1 2.0 5.8





#25
2-Butanone
Concen: 309.609 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

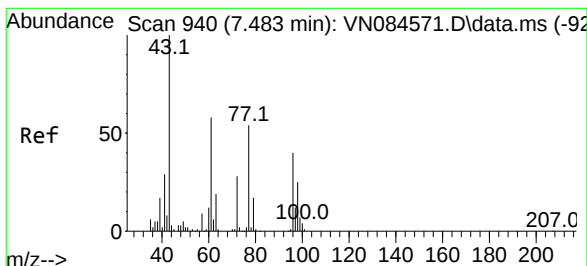
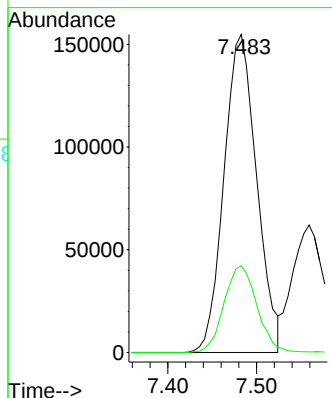
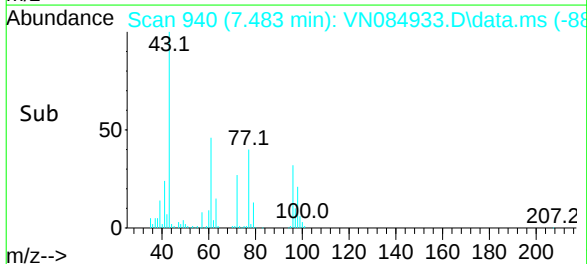
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



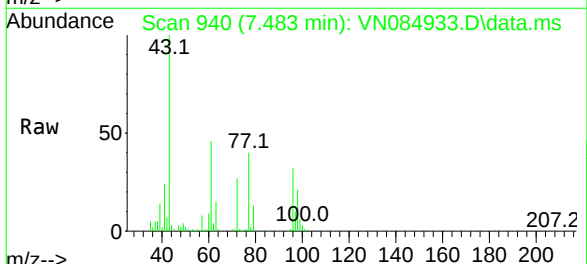
Tgt Ion: 43 Resp: 396419
Ion Ratio Lower Upper
43 100
72 27.2 21.4 32.2

Manual Integrations
APPROVED

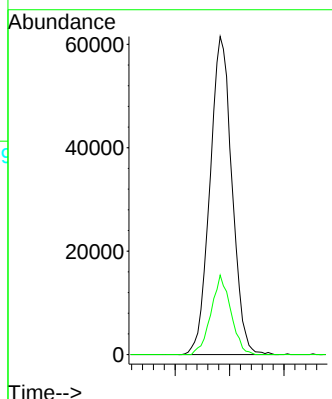
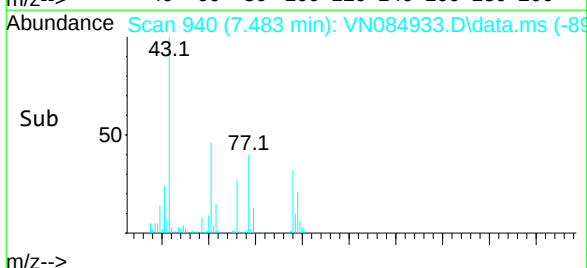
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024

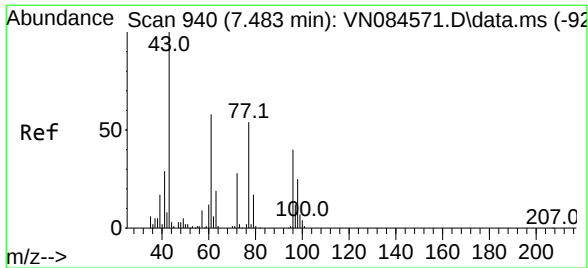


#26
2,2-Dichloropropane
Concen: 47.576 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28



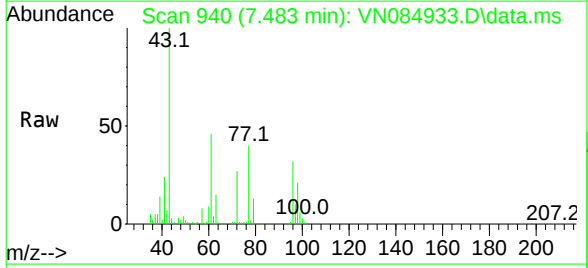
Tgt Ion: 77 Resp: 173353
Ion Ratio Lower Upper
77 100
97 22.4 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 49.919 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

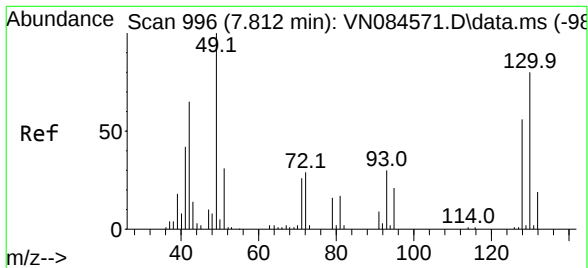
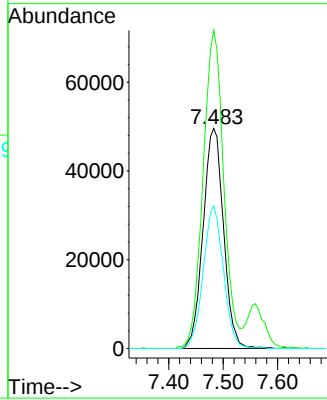
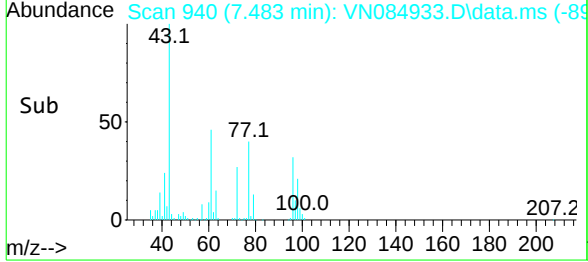
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 129513
Ion Ratio Lower Upper
96 100
61 146.3 0.0 301.8
98 64.0 0.0 128.2

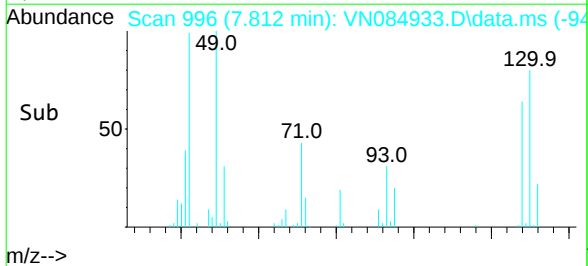
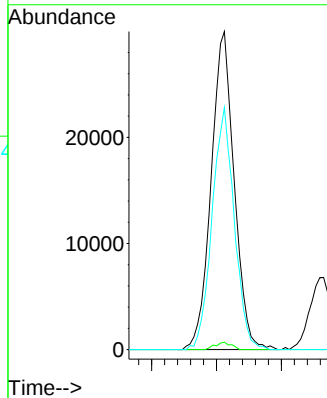
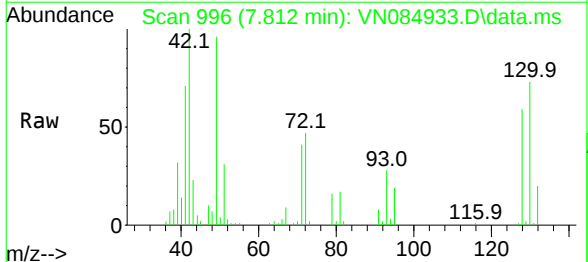
Manual Integrations
APPROVED

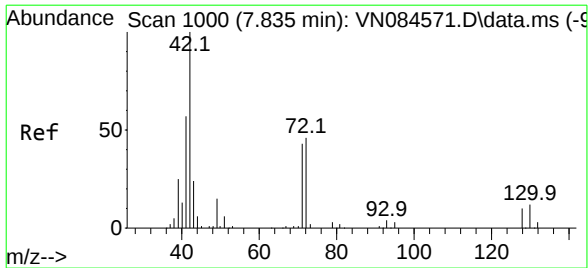
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#28
Bromochloromethane
Concen: 44.372 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

Tgt Ion: 49 Resp: 74009
Ion Ratio Lower Upper
49 100
129 1.6 0.0 3.6
130 73.3 58.0 87.0





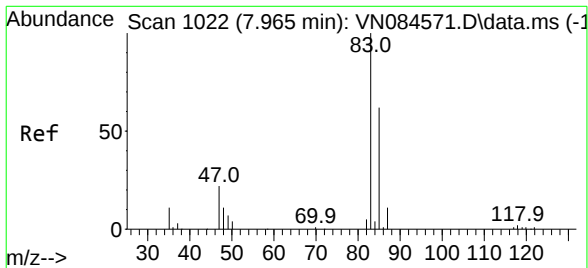
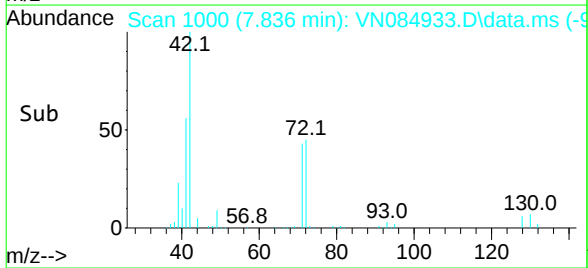
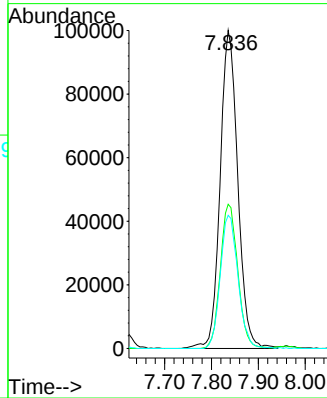
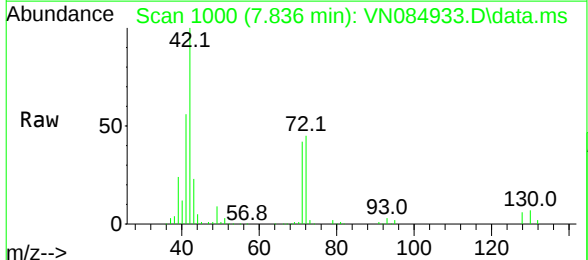
#29
Tetrahydrofuran
Concen: 307.750 ug/l
RT: 7.836 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 261411
Ion Ratio Lower Upper
42 100
72 44.9 34.6 51.8
71 42.0 32.2 48.4

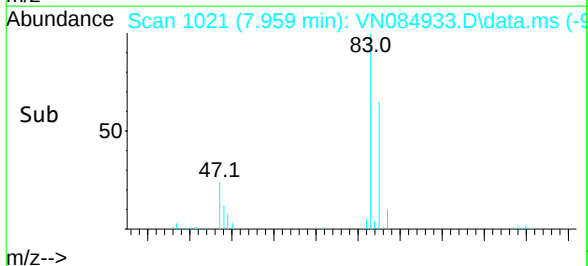
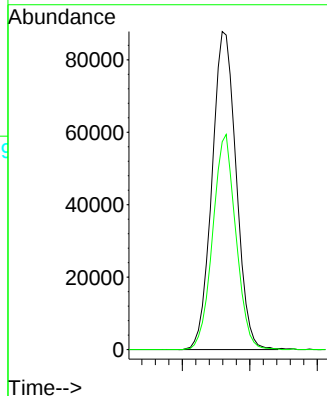
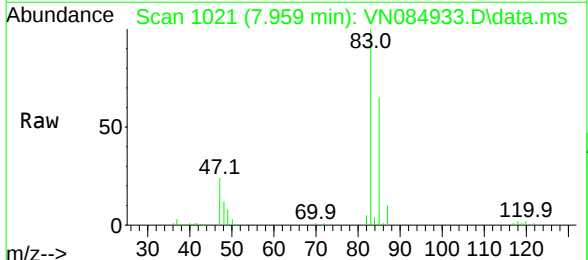
Manual Integrations
APPROVED

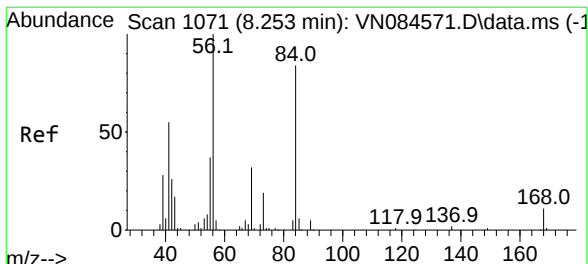
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#30
Chloroform
Concen: 51.255 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

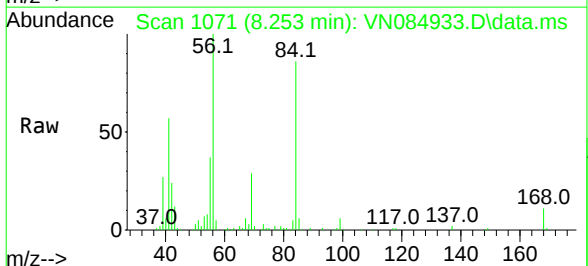
Tgt Ion: 83 Resp: 218399
Ion Ratio Lower Upper
83 100
85 65.3 51.0 76.4





#31
Cyclohexane
Concen: 46.940 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

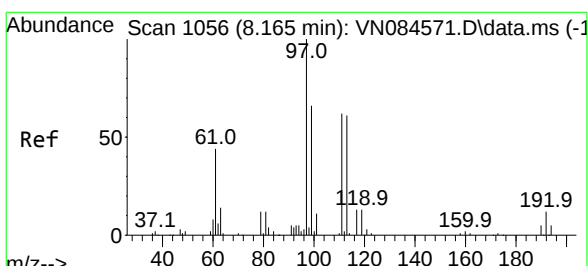
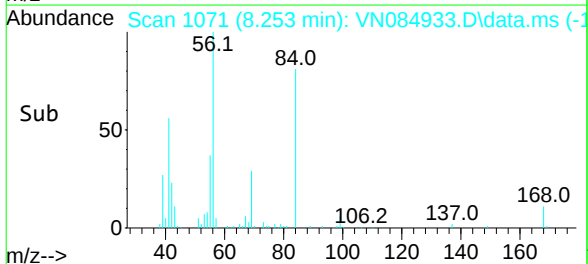
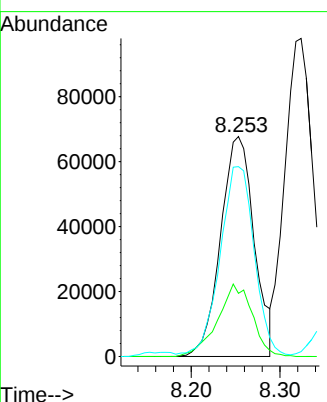
Instrument : MSVOA_N
ClientSampleId : VSTDCCC050EC



Tgt Ion: 56 Resp: 177857

Ion	Ratio	Lower	Upper
56	100		
69	28.7	23.8	35.6
84	84.5	68.8	103.2

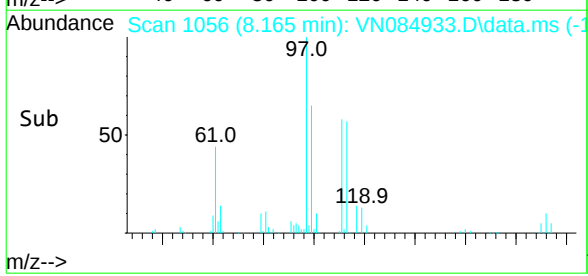
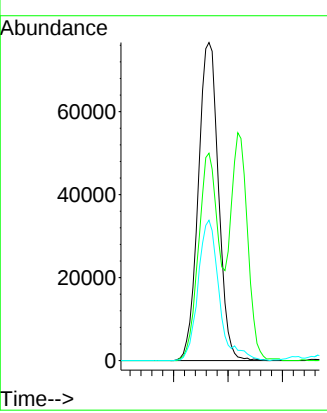
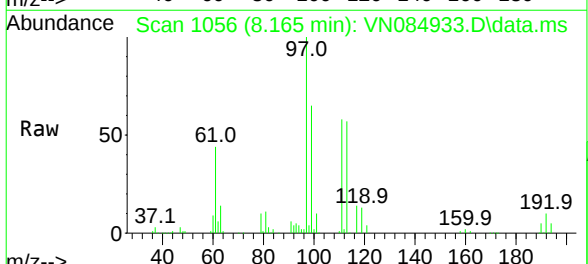
Manual Integrations
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Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024

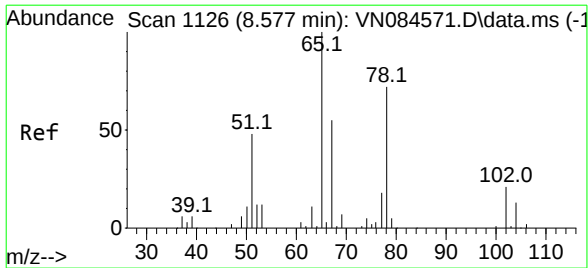


#32
1,1,1-Trichloroethane
Concen: 51.066 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

Tgt Ion: 97 Resp: 198048

Ion	Ratio	Lower	Upper
97	100		
99	65.8	51.2	76.8
61	46.0	37.5	56.3





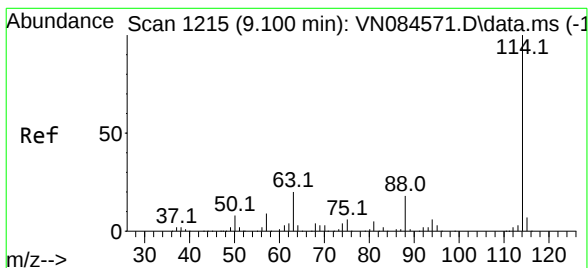
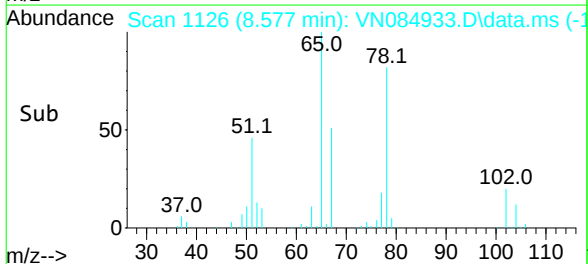
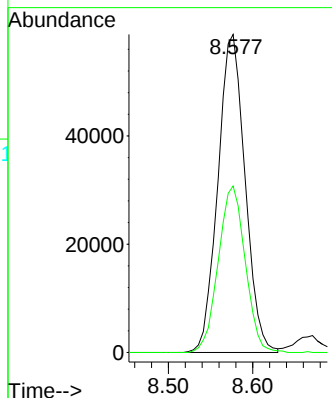
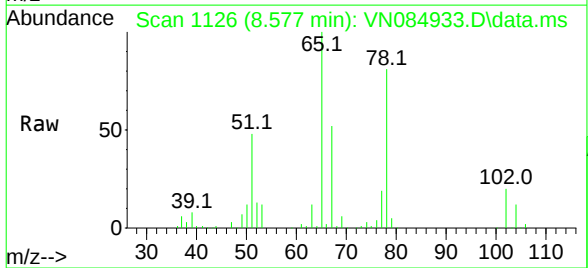
#33
 1,2-Dichloroethane-d4
 Concen: 47.866 ug/l
 RT: 8.577 min Scan# 1116
 Delta R.T. -0.000 min
 Lab File: VN084933.D
 Acq: 18 Nov 2024 20:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	65	Resp:	131367
Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	102.0

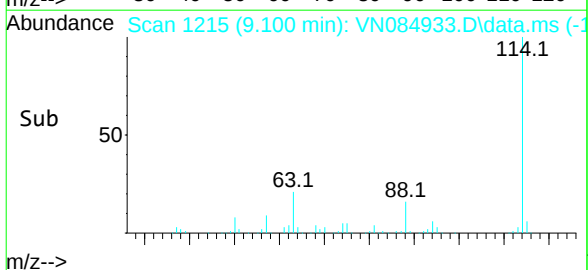
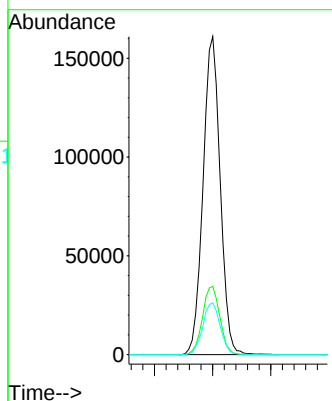
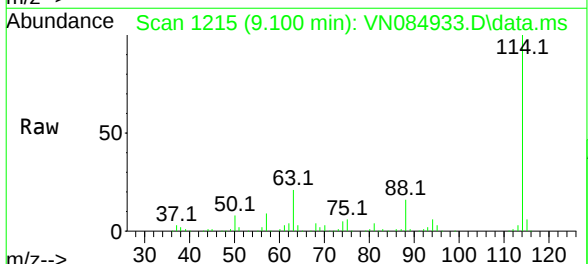
Manual Integrations
 APPROVED

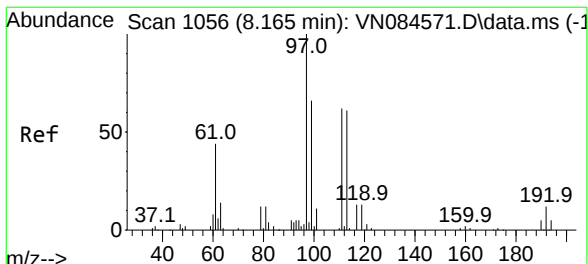
Reviewed By :John Carlone 11/19/2024
 Supervised By :Mahesh Dadoda 11/19/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084933.D
 Acq: 18 Nov 2024 20:28

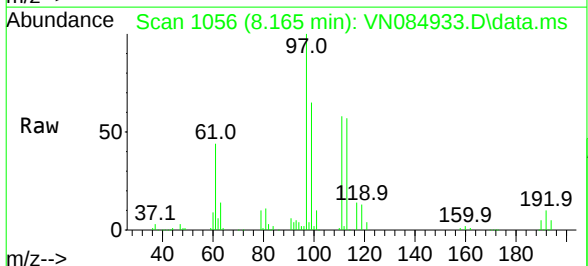
Tgt Ion:	114	Resp:	329028
Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	43.8
88	16.3	0.0	31.6





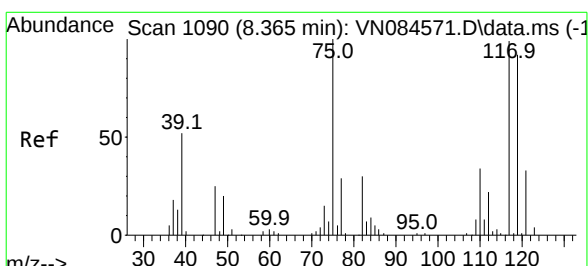
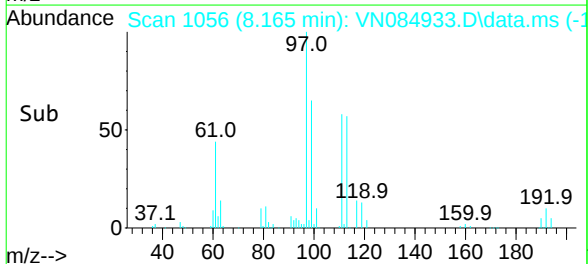
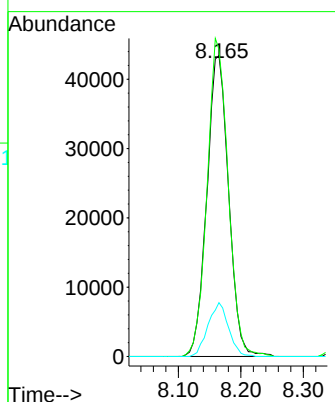
#35
 Dibromofluoromethane
 Concen: 47.234 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN084933.D
 Acq: 18 Nov 2024 20:28

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC



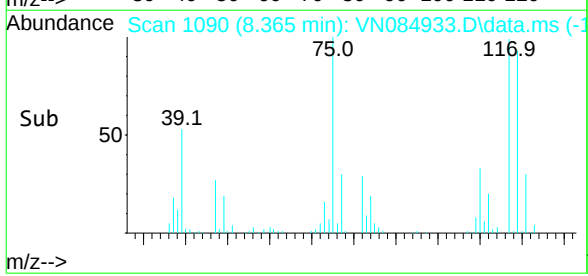
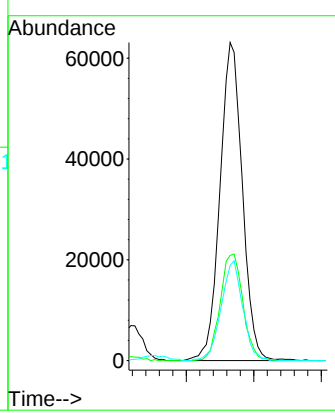
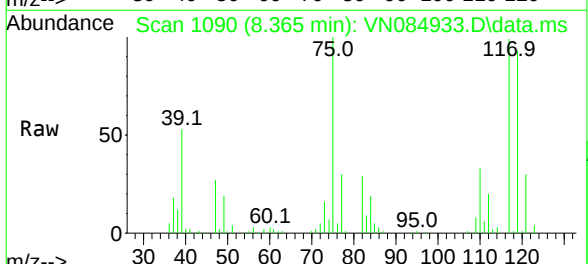
Tgt Ion:	113	Resp:	105196
Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.3	124.9
192	16.9	13.5	20.3

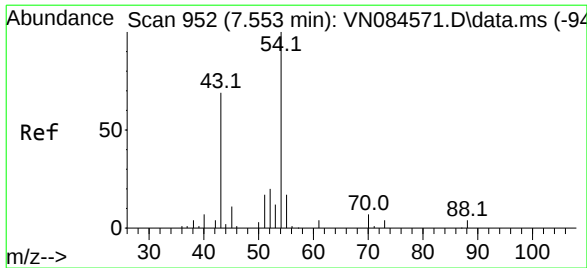
Manual Integrations
APPROVED
 Reviewed By :John Carlone 11/19/2024
 Supervised By :Mahesh Dadoda 11/19/2024



#36
 1,1-Dichloropropene
 Concen: 47.043 ug/l
 RT: 8.365 min Scan# 1090
 Delta R.T. -0.006 min
 Lab File: VN084933.D
 Acq: 18 Nov 2024 20:28

Tgt Ion:	75	Resp:	145303
Ion	Ratio	Lower	Upper
75	100		
110	34.0	16.9	50.7
77	30.4	24.7	37.1





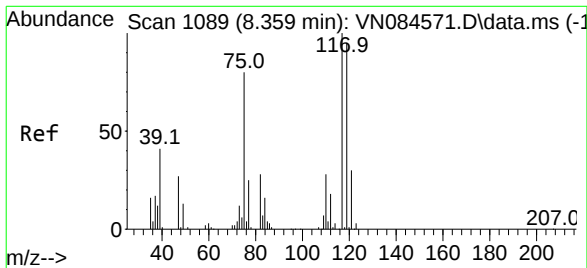
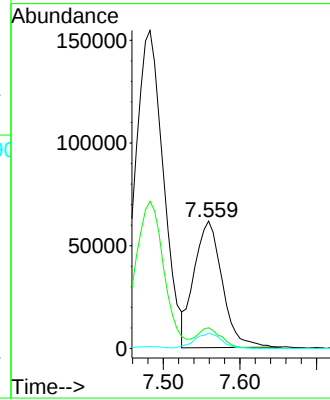
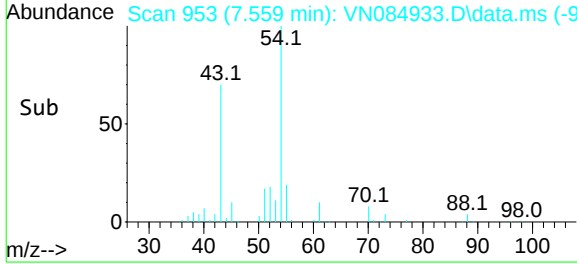
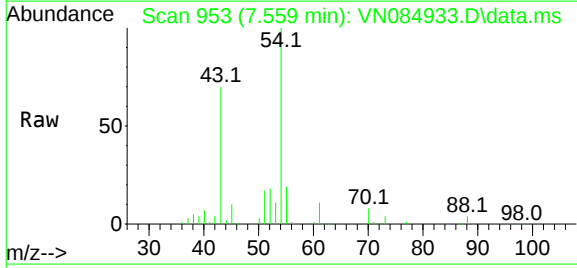
#37
Ethyl Acetate
Concen: 56.012 ug/l
RT: 7.559 min Scan# 952
Delta R.T. 0.000 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	43	Resp:	156969
Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.7	16.1
70	11.6	8.8	13.2

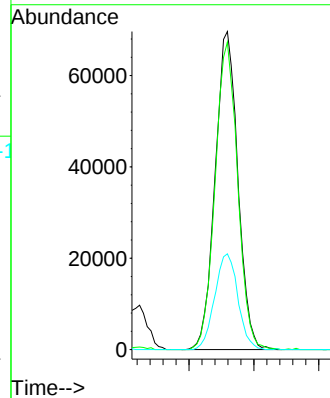
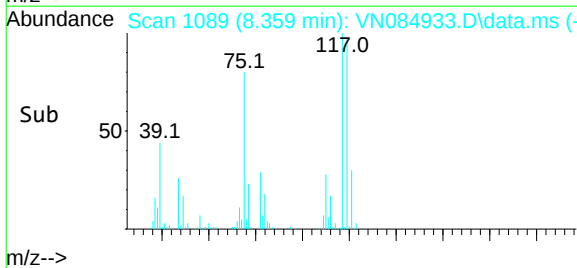
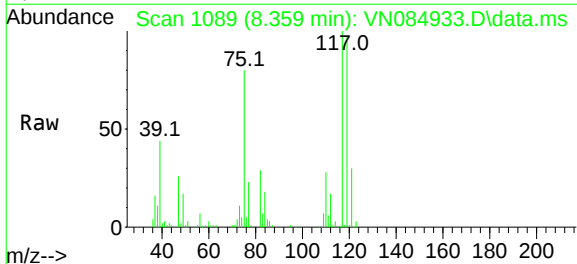
Manual Integrations
APPROVED

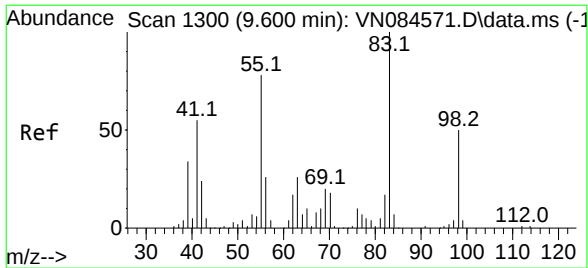
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#38
Carbon Tetrachloride
Concen: 49.090 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

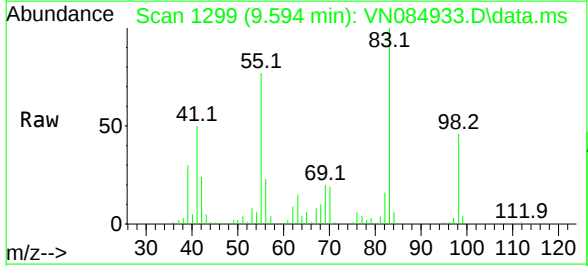
Tgt Ion:	117	Resp:	169478
Ion	Ratio	Lower	Upper
117	100		
119	96.7	78.7	118.1
121	30.1	24.4	36.6





#39
Methylcyclohexane
Concen: 52.156 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

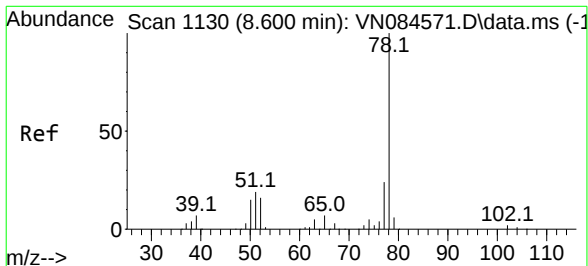
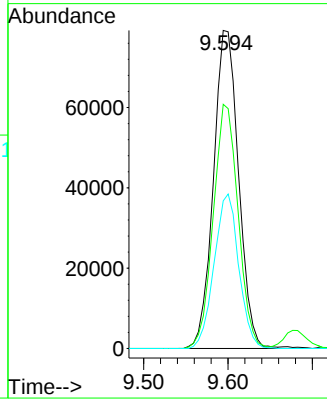
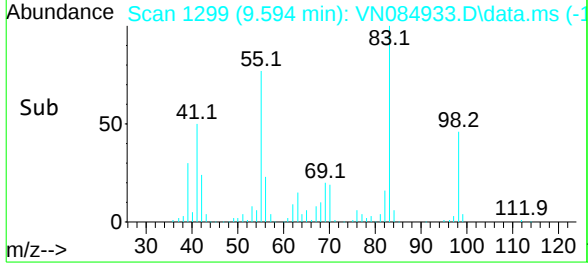
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



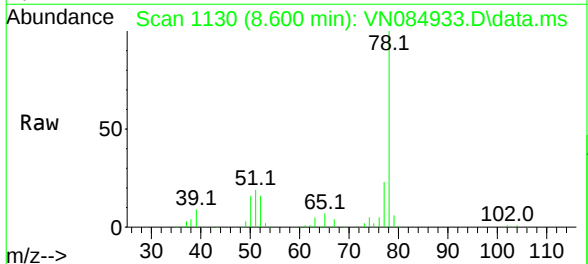
Tgt Ion: 83 Resp: 163886
Ion Ratio Lower Upper
83 100
55 76.8 62.8 94.2
98 46.4 38.8 58.2

Manual Integrations
APPROVED

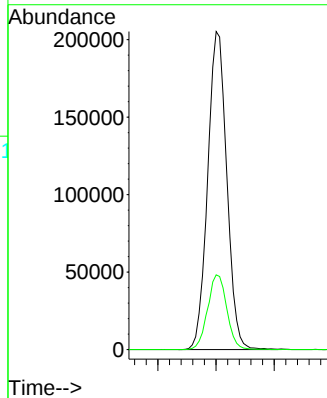
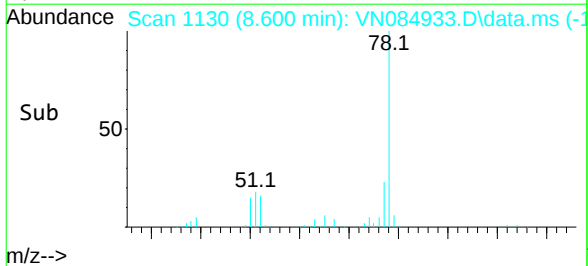
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024

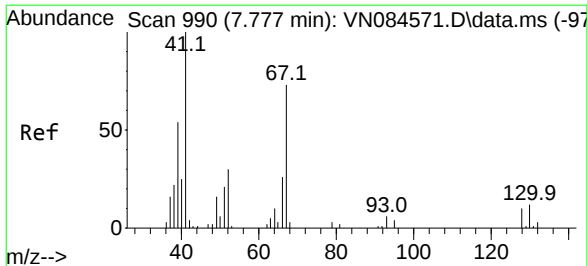


#40
Benzene
Concen: 47.198 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28



Tgt Ion: 78 Resp: 468176
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7





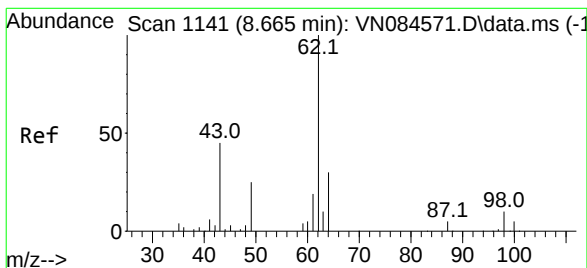
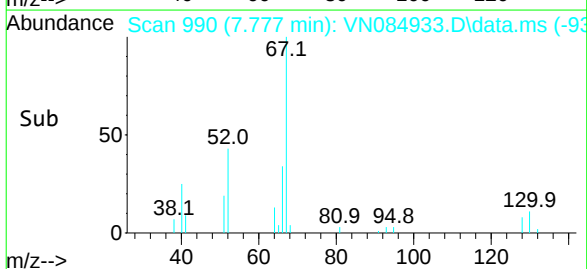
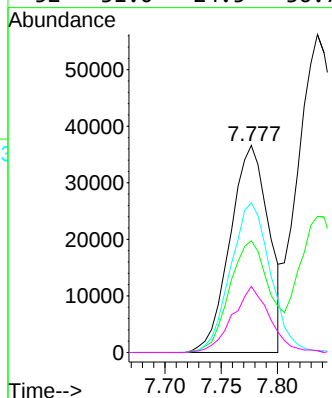
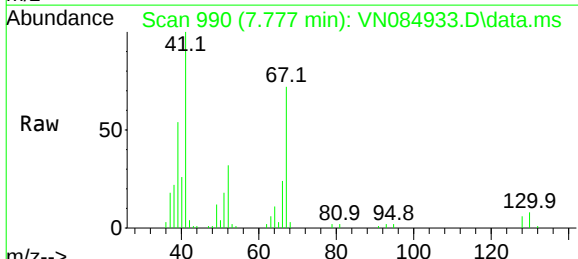
#41
Methacrylonitrile
Concen: 58.026 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	87446
Ion	Ratio	Lower	Upper
41	100		
39	56.9	43.3	64.9
67	75.1	56.1	84.1
52	31.0	24.5	36.7

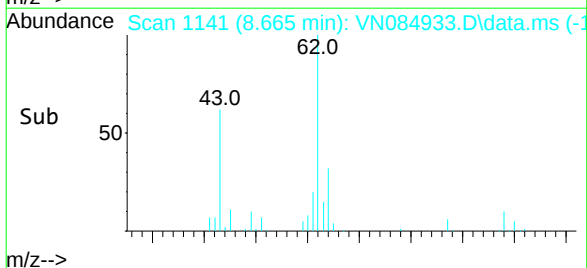
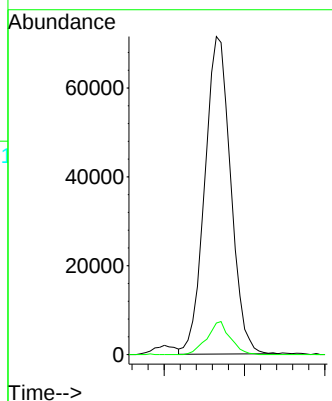
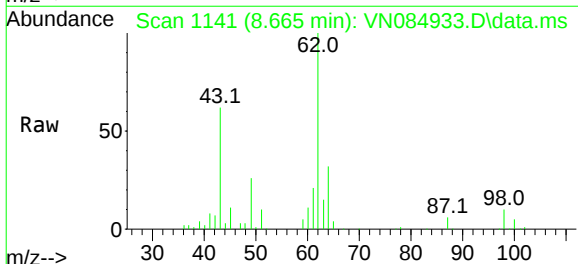
Manual Integrations
APPROVED

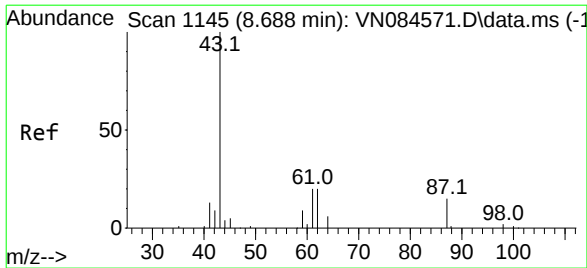
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#42
1,2-Dichloroethane
Concen: 49.802 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

Tgt Ion:	62	Resp:	159987
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.2





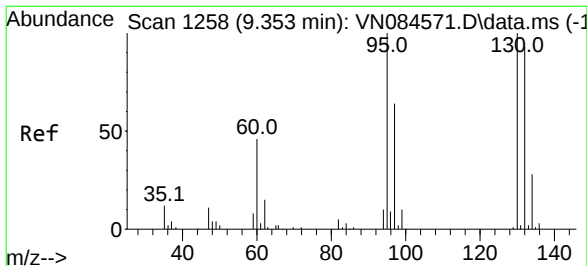
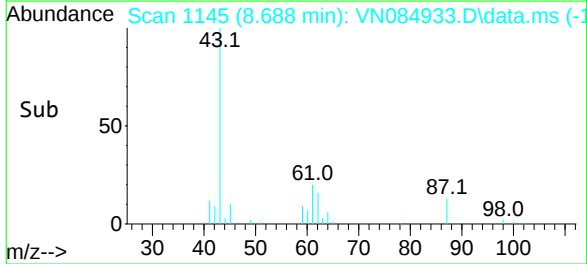
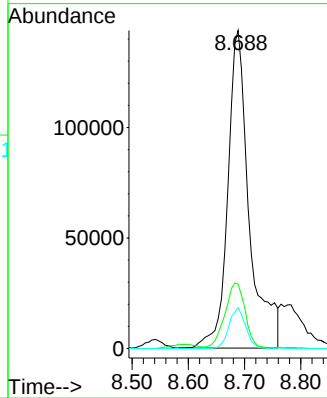
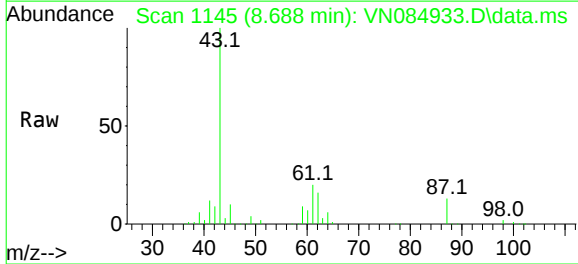
#43
Isopropyl Acetate
Concen: 74.336 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 382423
Ion Ratio Lower Upper
43 100
61 19.0 20.4 30.6#
87 9.8 10.3 15.5#

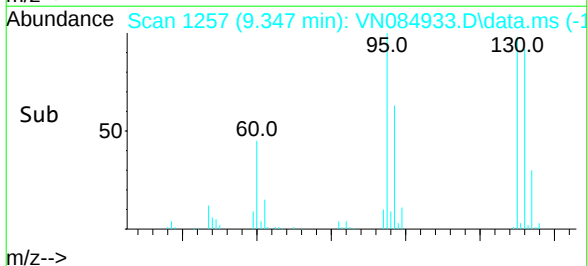
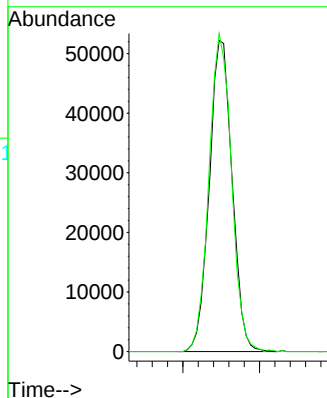
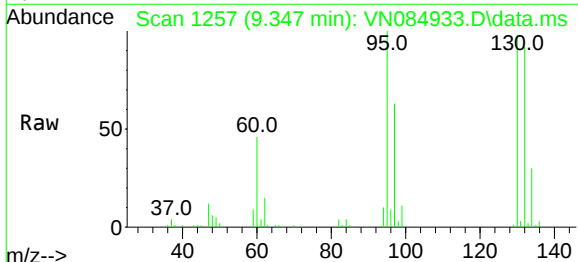
Manual Integrations
APPROVED

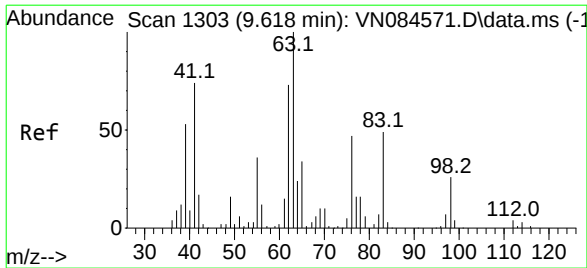
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#44
Trichloroethene
Concen: 47.162 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

Tgt Ion:130 Resp: 107891
Ion Ratio Lower Upper
130 100
95 102.2 0.0 203.0





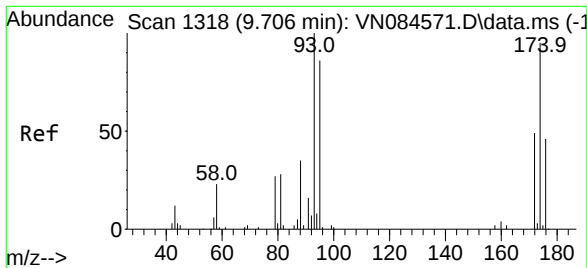
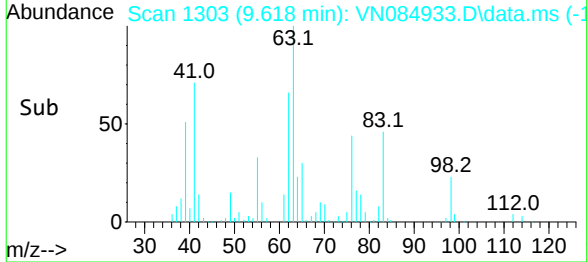
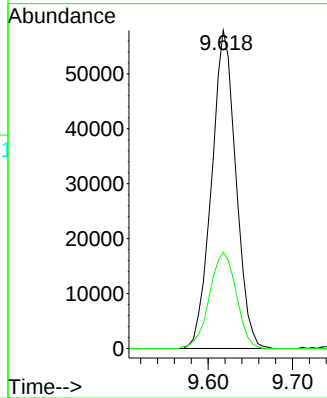
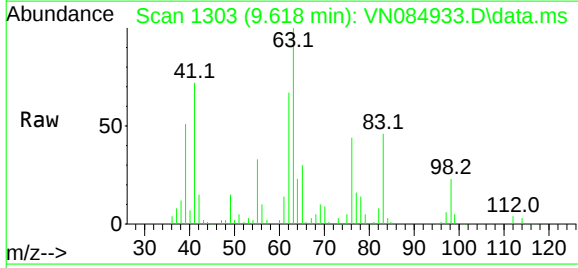
#45
1,2-Dichloropropane
Concen: 49.819 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 115924
Ion Ratio Lower Upper
63 100
65 30.4 24.6 37.0

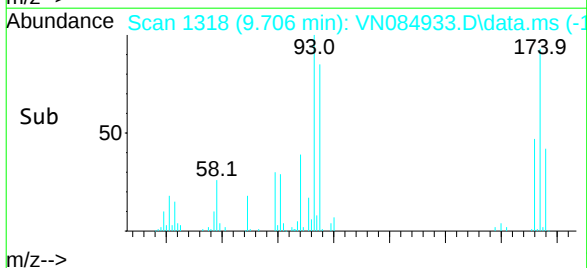
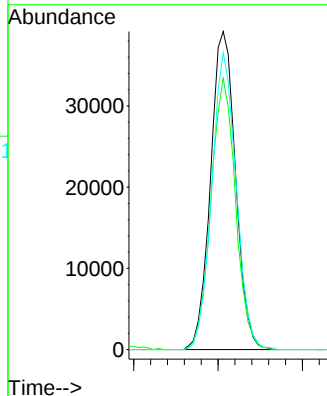
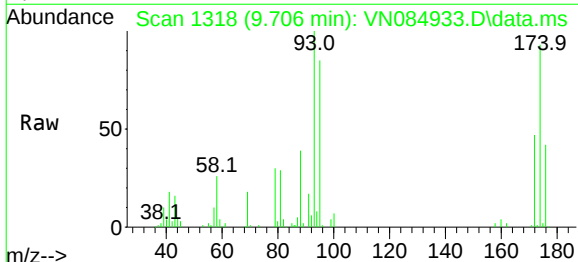
Manual Integrations
APPROVED

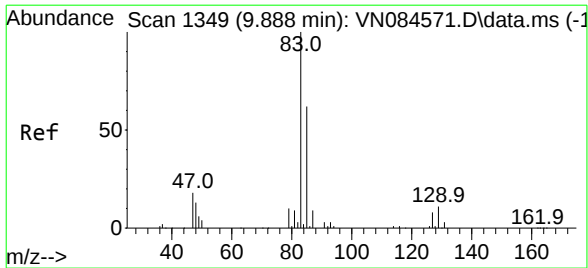
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#46
Dibromomethane
Concen: 49.178 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

Tgt Ion: 93 Resp: 80747
Ion Ratio Lower Upper
93 100
95 83.4 65.0 97.4
174 91.0 71.8 107.8





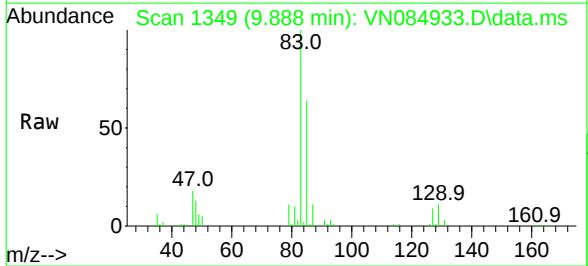
#47
 Bromodichloromethane
 Concen: 50.082 ug/l
 RT: 9.888 min Scan# 1349
 Delta R.T. 0.000 min
 Lab File: VN084933.D
 Acq: 18 Nov 2024 20:28

Instrument :

MSVOA_N

ClientSampleId :

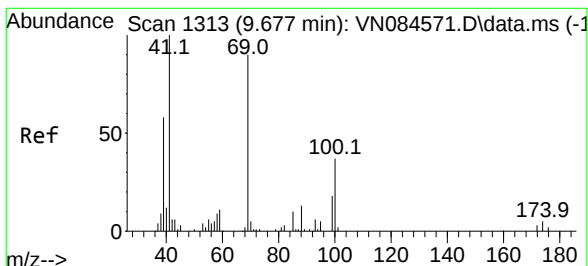
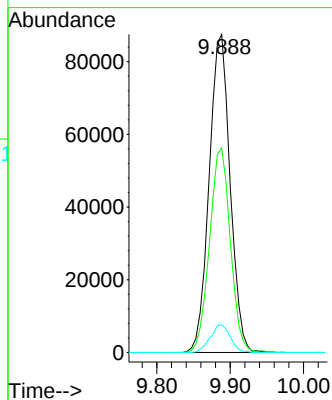
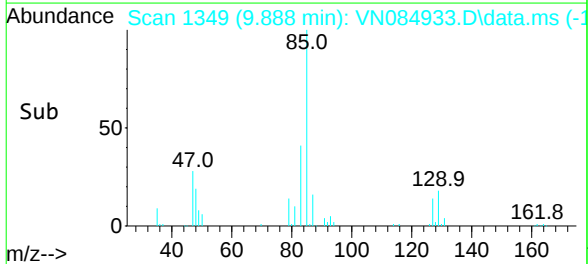
VSTDCCC050EC



Tgt Ion:	83	Resp:	173339
Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.5	77.3
127	8.7	5.7	8.5

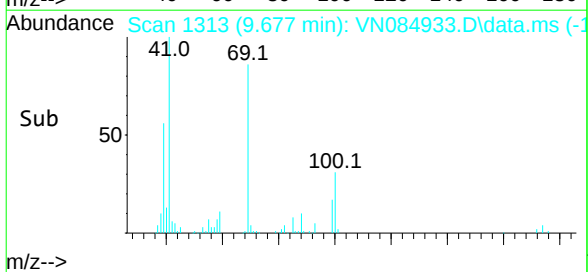
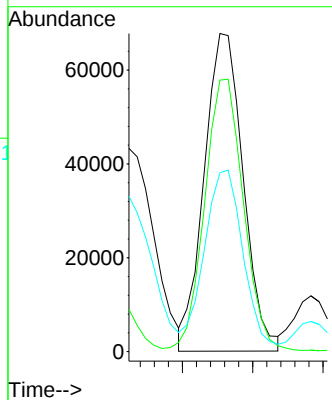
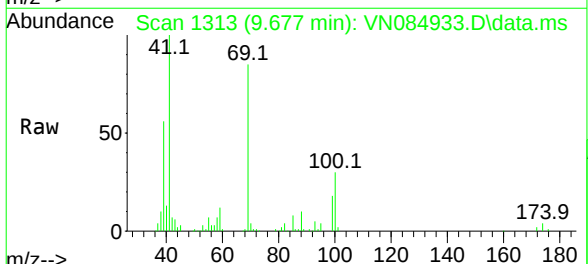
Manual Integrations
 APPROVED

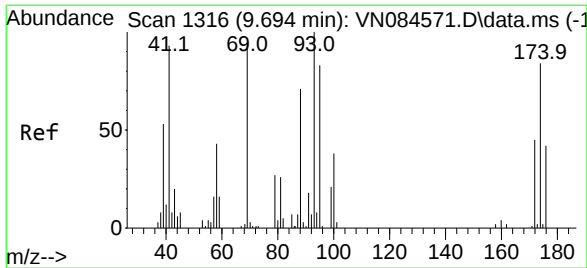
Reviewed By :John Carlone 11/19/2024
 Supervised By :Mahesh Dadoda 11/19/2024



#48
 Methyl methacrylate
 Concen: 59.886 ug/l
 RT: 9.677 min Scan# 1313
 Delta R.T. 0.000 min
 Lab File: VN084933.D
 Acq: 18 Nov 2024 20:28

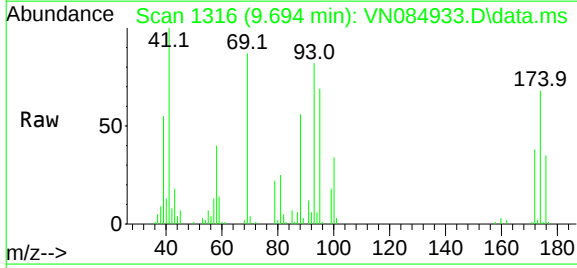
Tgt Ion:	41	Resp:	130614
Ion	Ratio	Lower	Upper
41	100		
69	85.8	67.1	100.7
39	57.4	45.8	68.6





#49
1,4-Dioxane
Concen: 1090.372 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

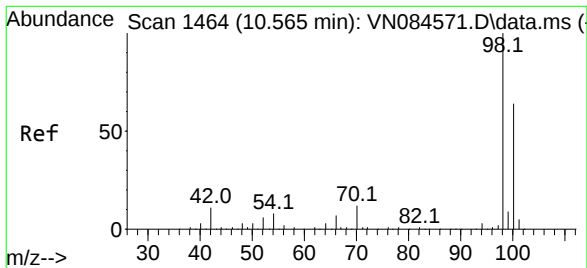
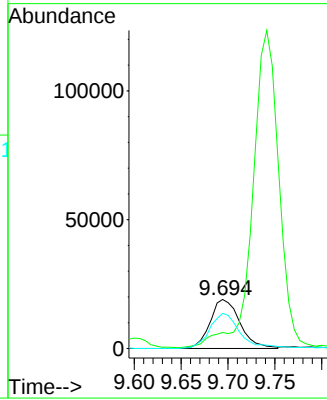
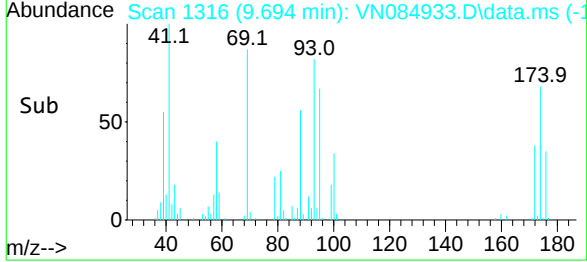
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 42142
Ion Ratio Lower Upper
88 100
43 0.0 25.3 37.9#
58 74.5 56.4 84.6

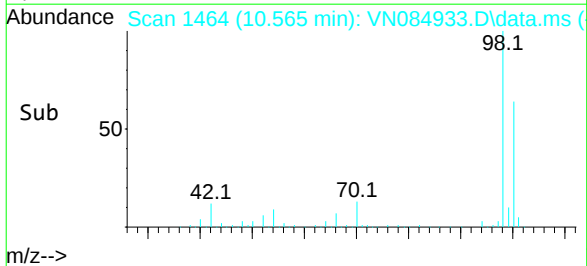
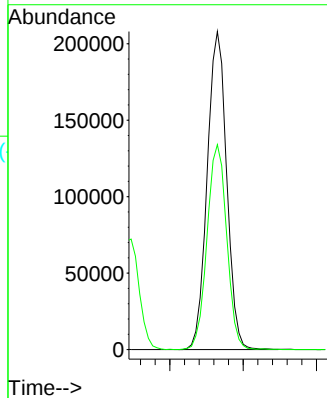
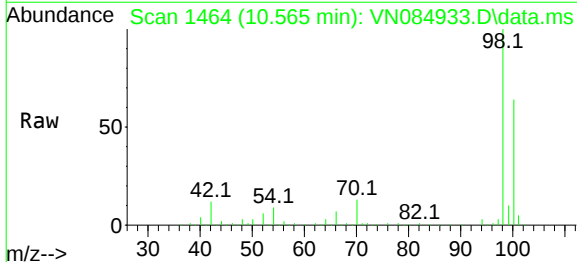
Manual Integrations
APPROVED

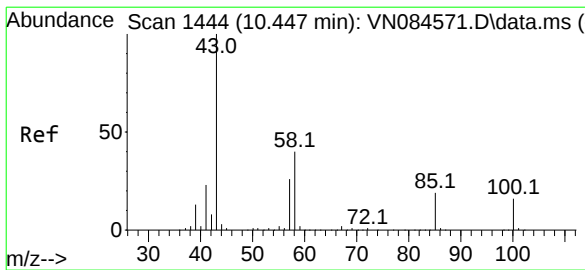
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#50
Toluene-d8
Concen: 46.776 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

Tgt Ion: 98 Resp: 383751
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1





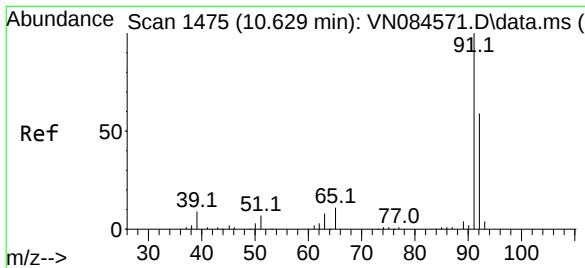
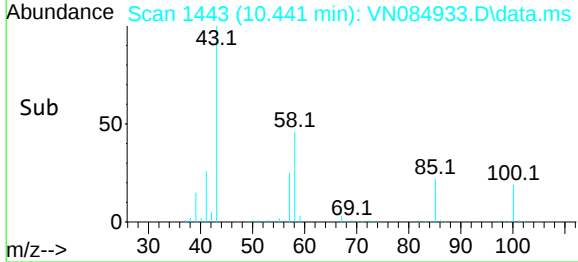
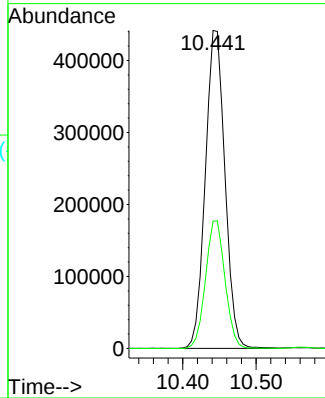
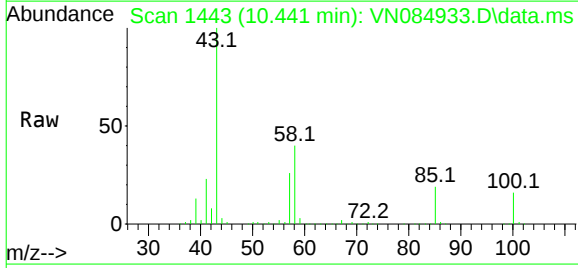
#51
4-Methyl-2-Pentanone
Concen: 306.803 ug/l
RT: 10.441 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 819631
Ion Ratio Lower Upper
43 100
58 40.0 31.6 47.4

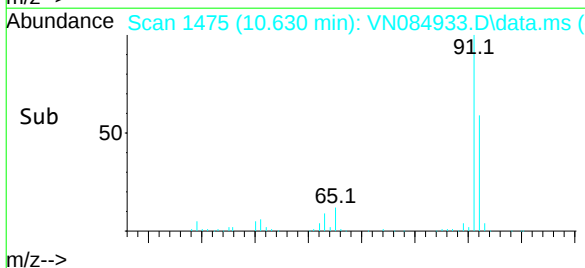
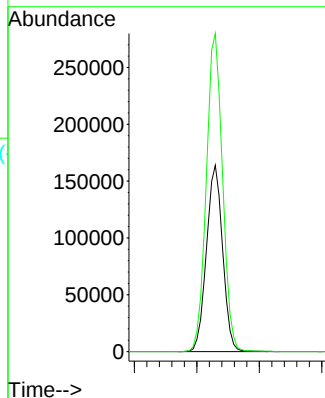
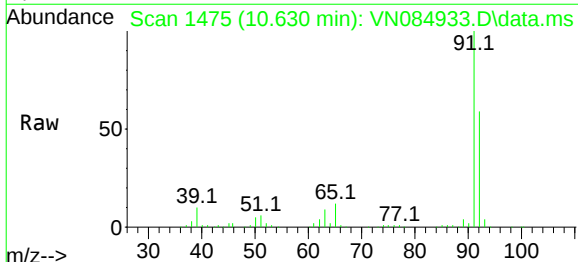
Manual Integrations
APPROVED

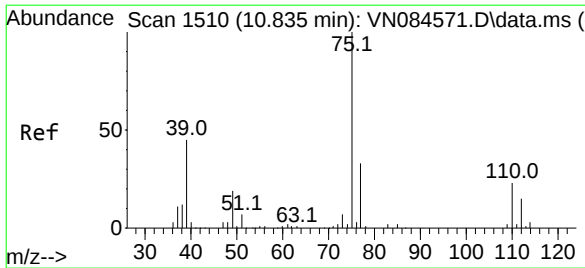
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#52
Toluene
Concen: 50.701 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

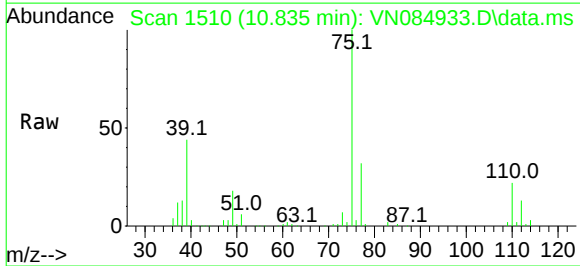
Tgt Ion: 92 Resp: 294133
Ion Ratio Lower Upper
92 100
91 171.4 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 49.671 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

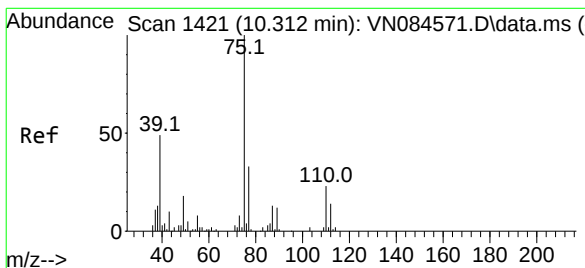
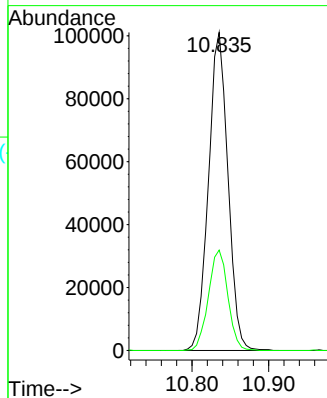
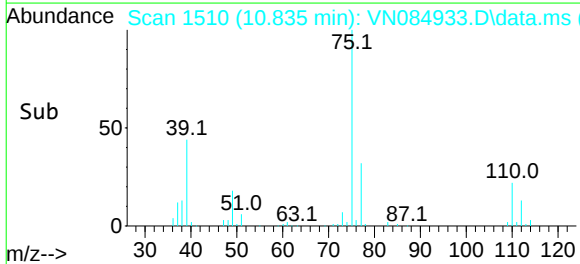
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 177952
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0

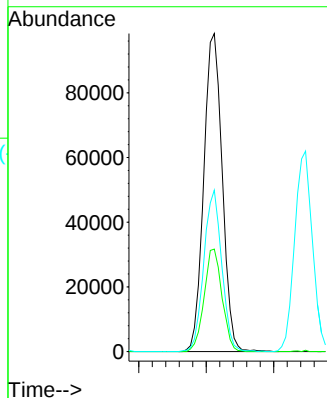
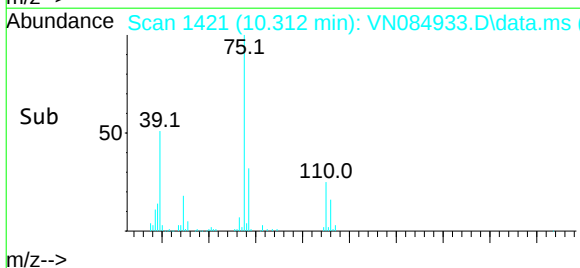
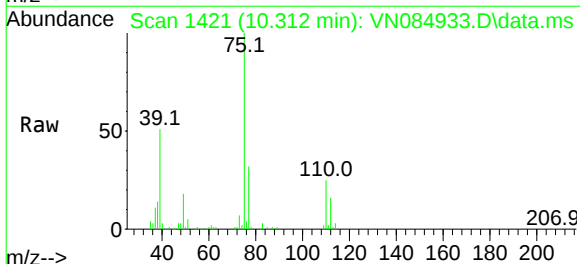
Manual Integrations
APPROVED

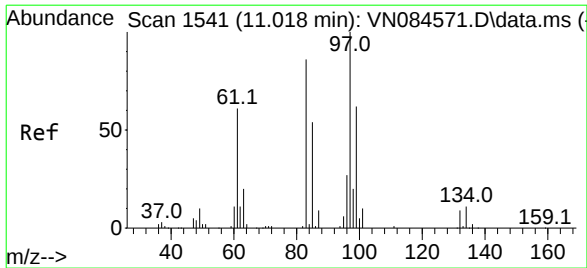
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#54
cis-1,3-Dichloropropene
Concen: 49.377 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

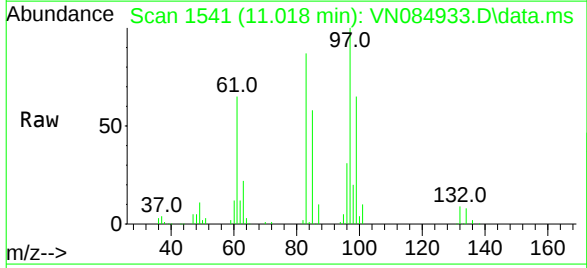
Tgt Ion: 75 Resp: 187228
Ion Ratio Lower Upper
75 100
77 32.2 24.2 36.2
39 50.8 38.7 58.1





#55
1,1,2-Trichloroethane
Concen: 50.079 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.006 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

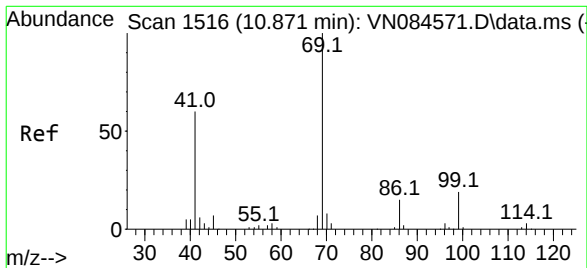
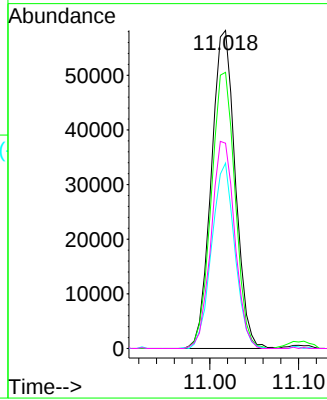
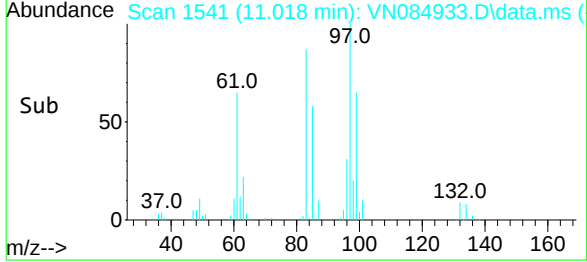
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



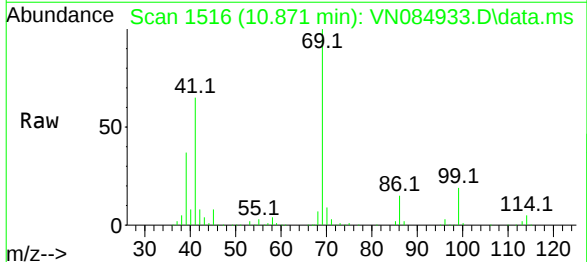
Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.8	71.0	106.4
85	58.3	41.7	62.5
99	64.5	50.1	75.1

Manual Integrations
APPROVED

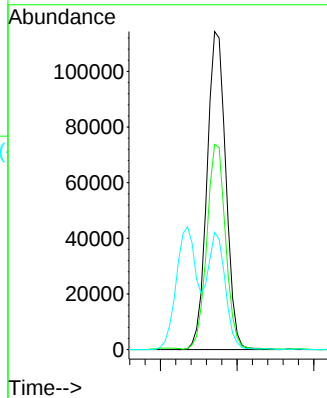
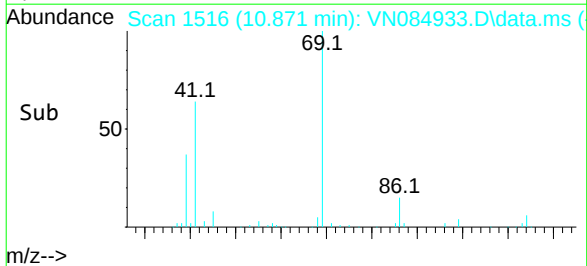
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024

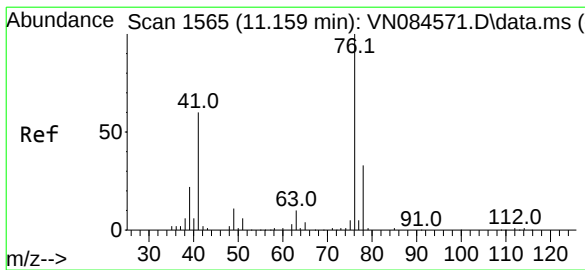


#56
Ethyl methacrylate
Concen: 61.743 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28



Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.0	53.3	79.9
39	34.4	28.8	43.2





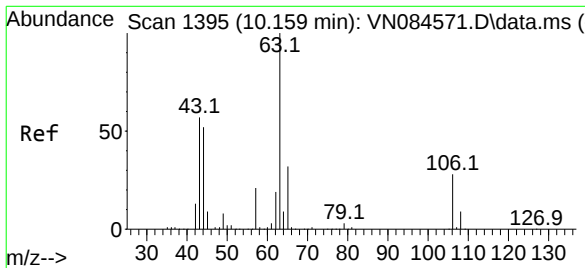
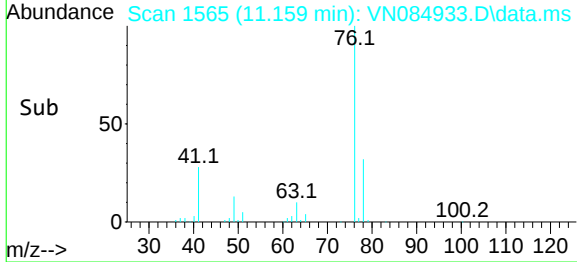
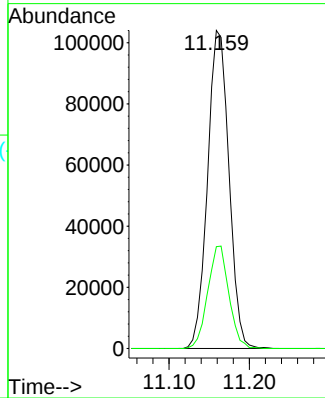
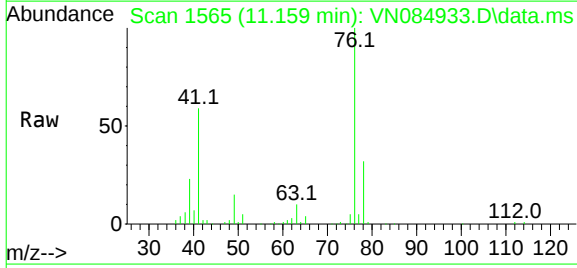
#57
1,3-Dichloropropane
Concen: 51.295 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 192380
Ion Ratio Lower Upper
76 100
78 31.8 25.8 38.6

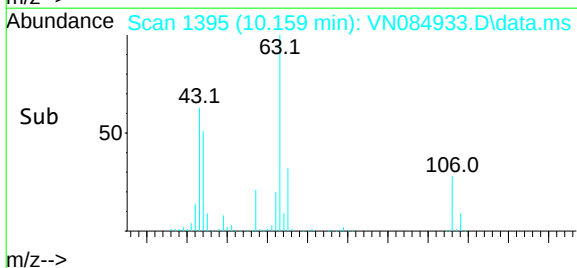
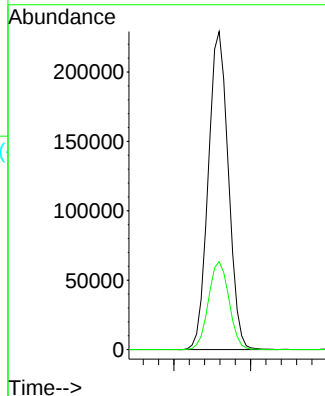
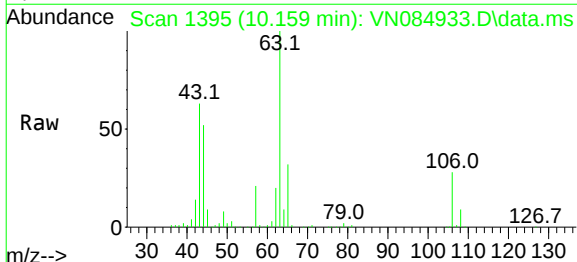
Manual Integrations
APPROVED

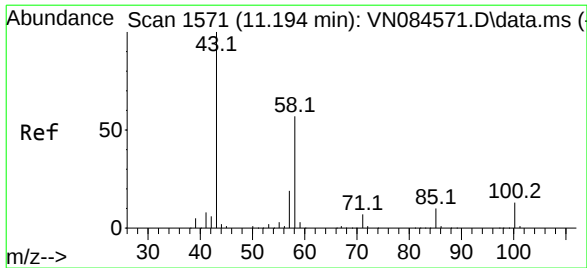
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#58
2-Chloroethyl Vinyl ether
Concen: 281.679 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

Tgt Ion: 63 Resp: 416635
Ion Ratio Lower Upper
63 100
106 28.3 21.8 32.6





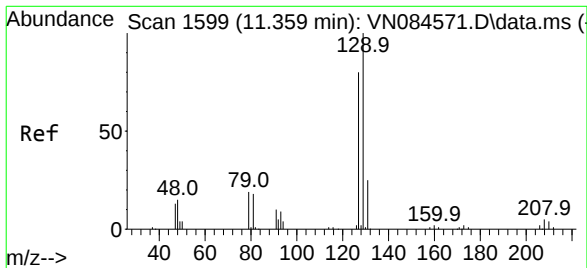
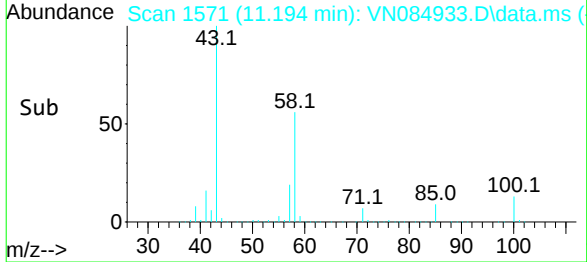
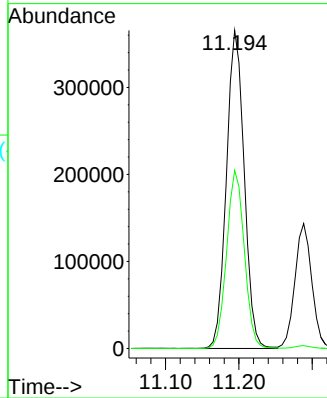
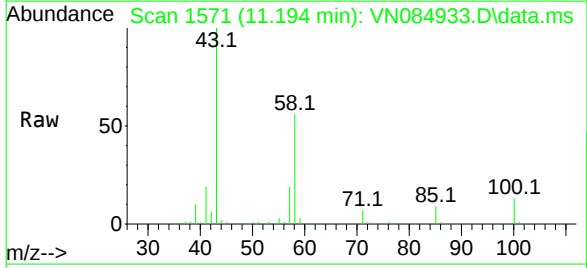
#59
2-Hexanone
Concen: 316.584 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 615617
Ion Ratio Lower Upper
43 100
58 55.7 27.3 81.8

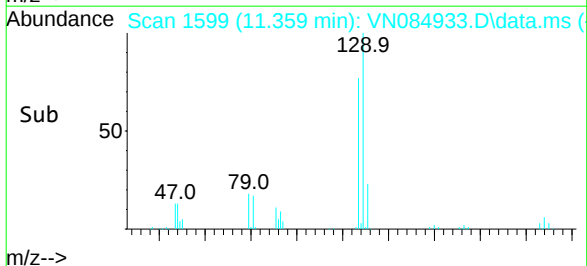
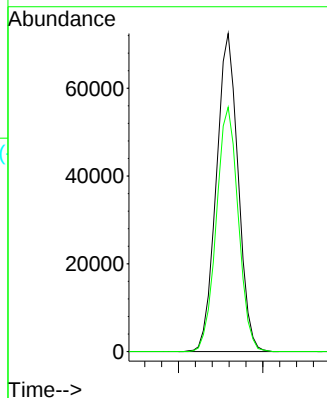
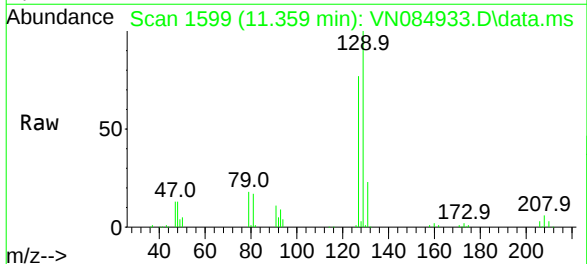
Manual Integrations
APPROVED

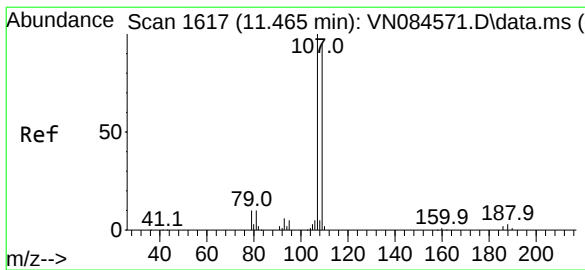
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#60
Dibromochloromethane
Concen: 52.207 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

Tgt Ion:129 Resp: 130027
Ion Ratio Lower Upper
129 100
127 77.3 38.3 114.9





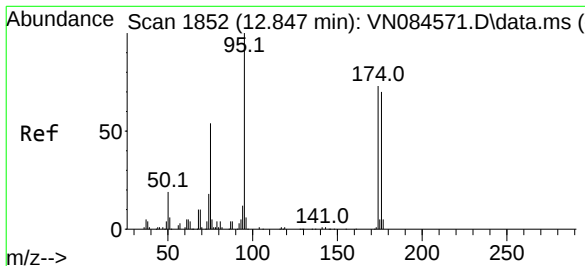
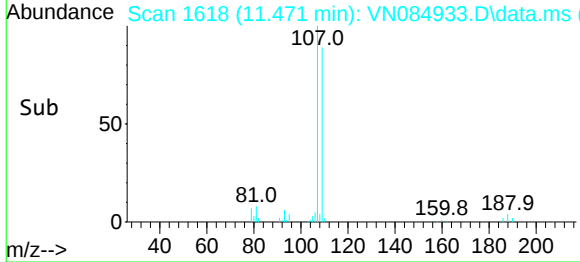
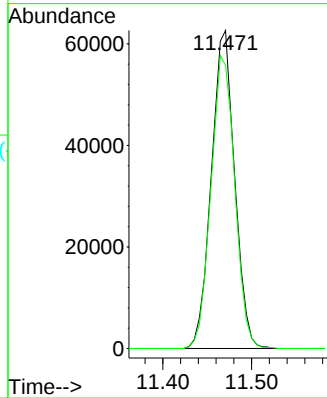
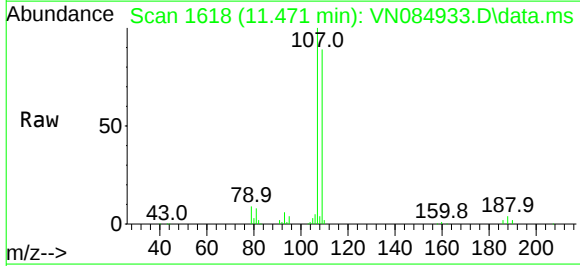
#61
1,2-Dibromoethane
Concen: 50.998 ug/l
RT: 11.471 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 107 Resp: 114125
Ion Ratio Lower Upper
107 100
109 94.0 75.4 113.0

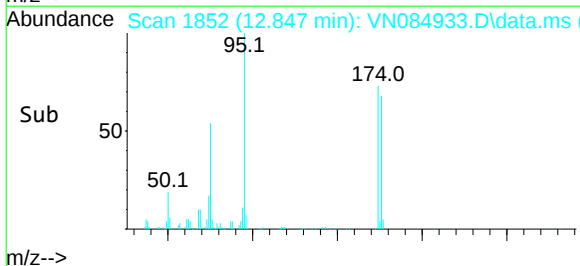
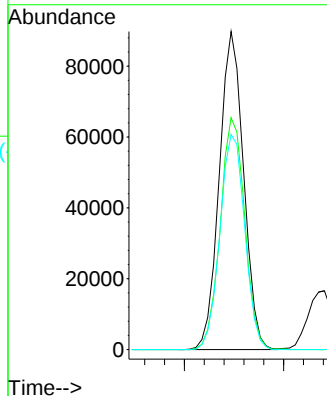
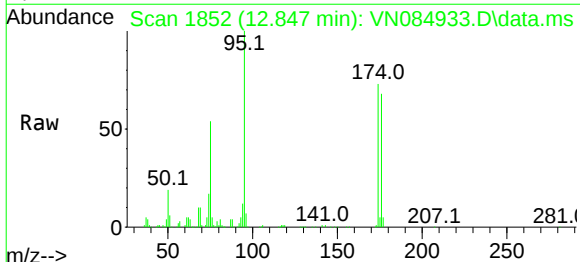
Manual Integrations
APPROVED

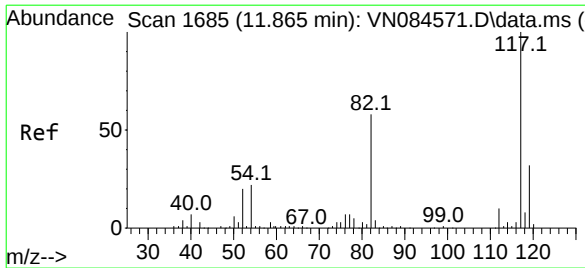
Reviewed By : John Carlone 11/19/2024
Supervised By : Mahesh Dadoda 11/19/2024



#62
4-Bromofluorobenzene
Concen: 49.714 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

Tgt Ion: 95 Resp: 152428
Ion Ratio Lower Upper
95 100
174 73.4 0.0 145.2
176 69.1 0.0 140.0





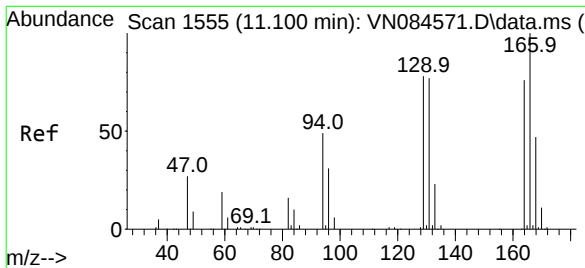
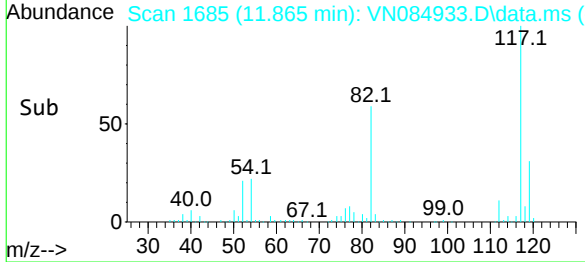
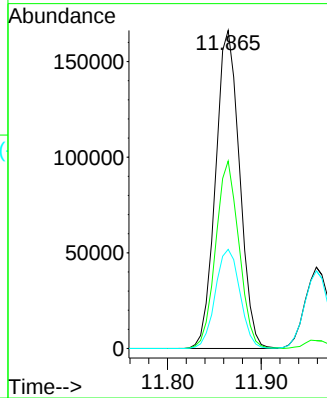
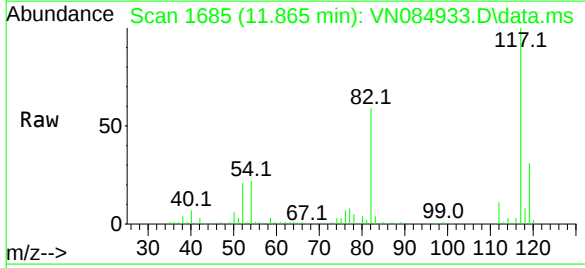
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 296396
Ion Ratio Lower Upper
117 100
82 58.9 47.2 70.8
119 31.2 25.4 38.0

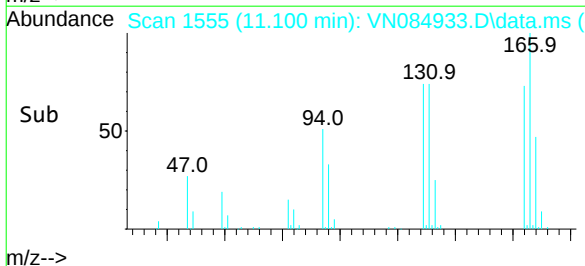
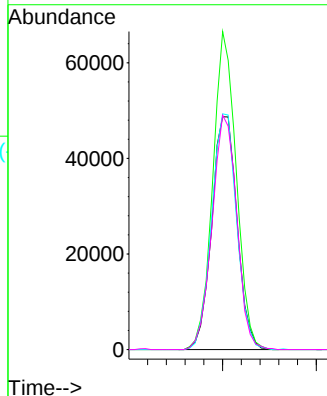
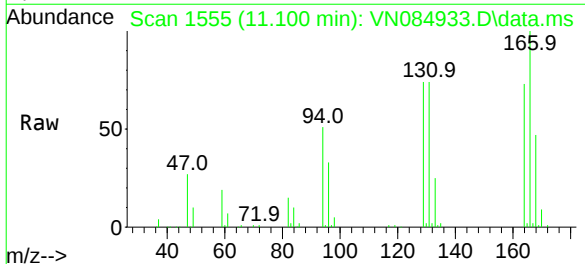
Manual Integrations
APPROVED

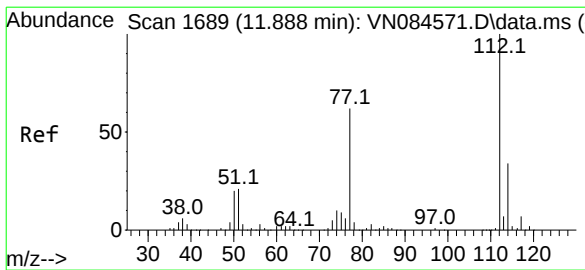
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#64
Tetrachloroethene
Concen: 46.312 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

Tgt Ion:164 Resp: 91306
Ion Ratio Lower Upper
164 100
166 136.7 101.0 151.4
129 101.3 80.8 121.2
131 100.7 78.1 117.1





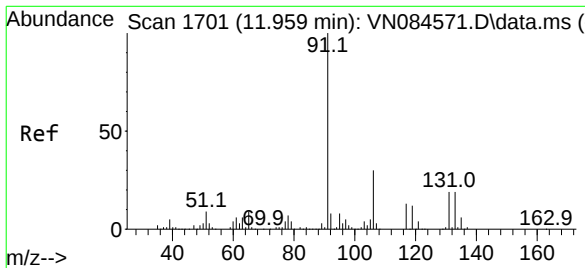
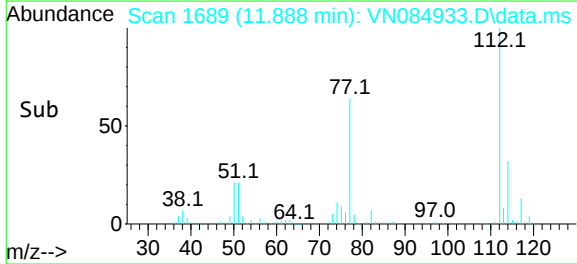
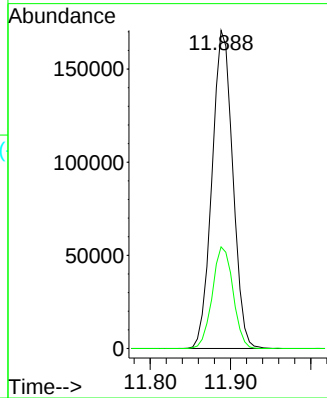
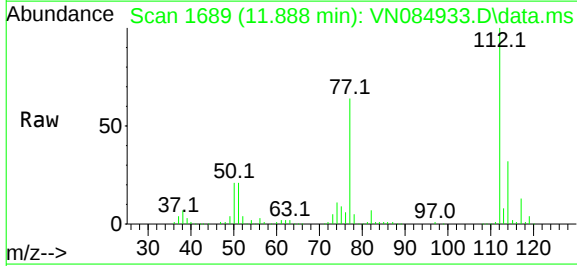
#65
Chlorobenzene
Concen: 46.248 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 306664
Ion Ratio Lower Upper
112 100
114 31.9 27.0 40.6

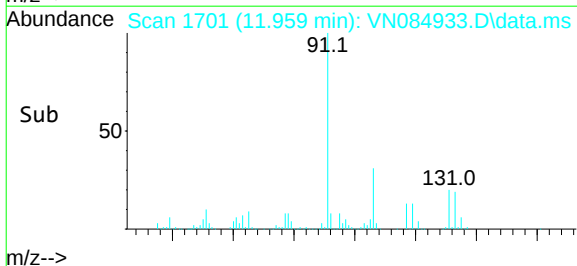
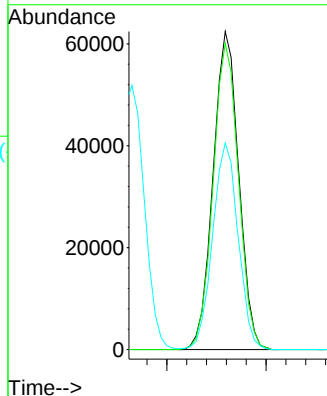
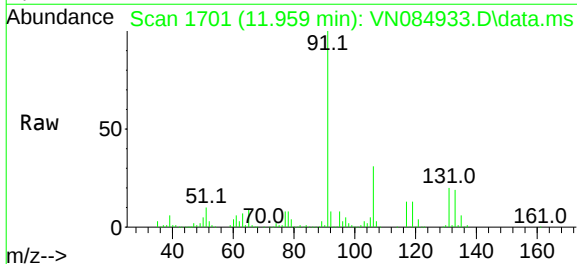
Manual Integrations
APPROVED

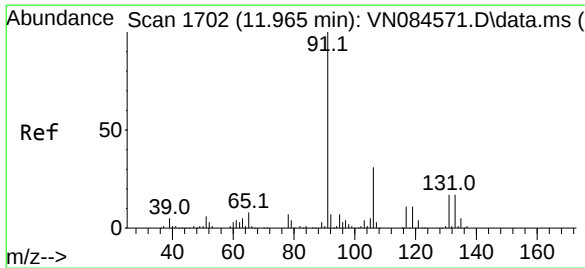
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 48.498 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

Tgt Ion:131 Resp: 111858
Ion Ratio Lower Upper
131 100
133 95.4 47.9 143.7
119 64.7 32.8 98.3





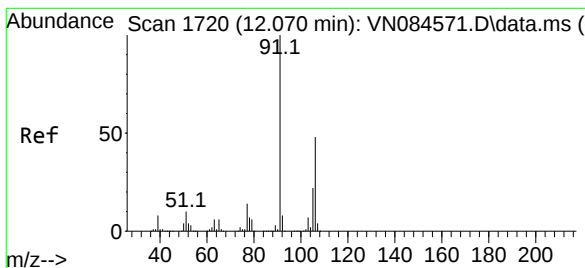
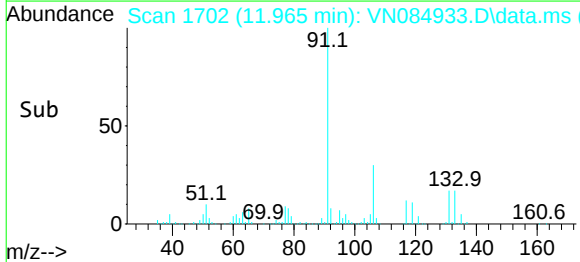
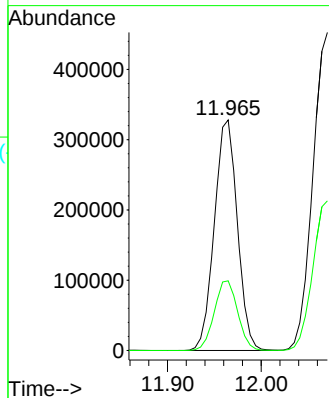
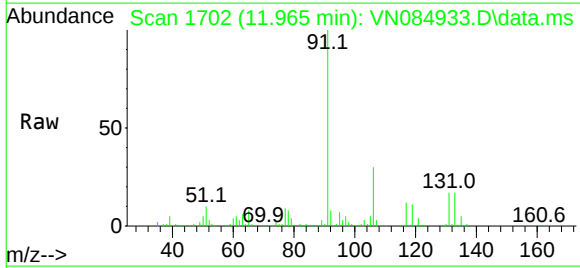
#67
Ethyl Benzene
Concen: 50.556 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 559579
Ion Ratio Lower Upper
91 100
106 30.2 24.5 36.7

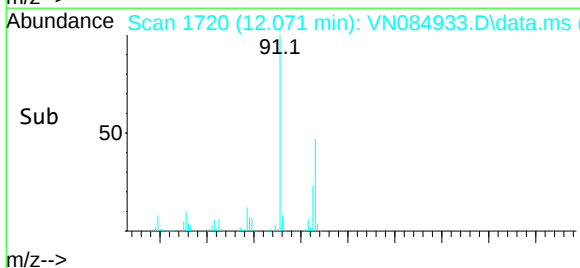
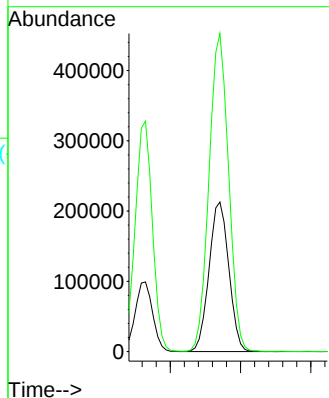
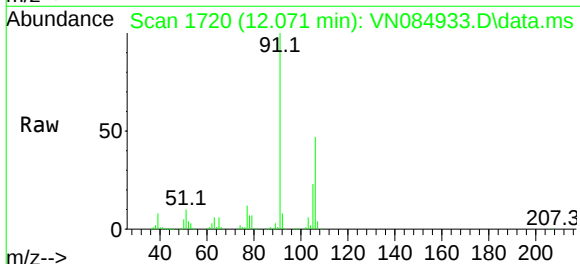
Manual Integrations
APPROVED

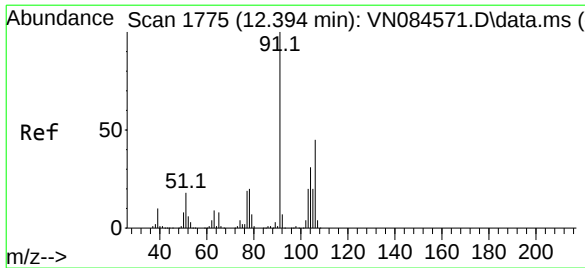
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#68
m/p-Xylenes
Concen: 99.232 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

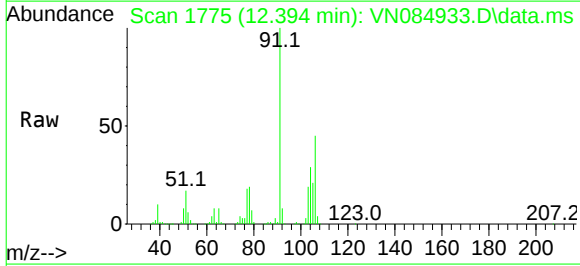
Tgt Ion:106 Resp: 415818
Ion Ratio Lower Upper
106 100
91 210.0 167.1 250.7





#69
o-Xylene
Concen: 52.510 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

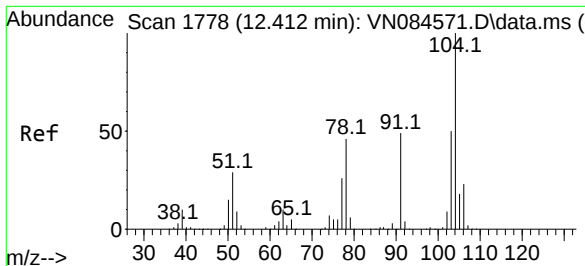
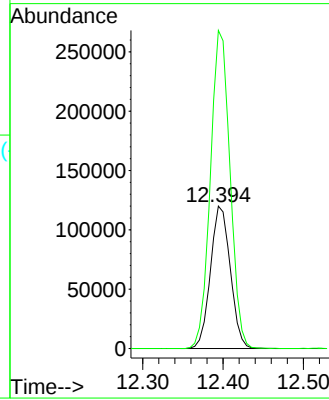
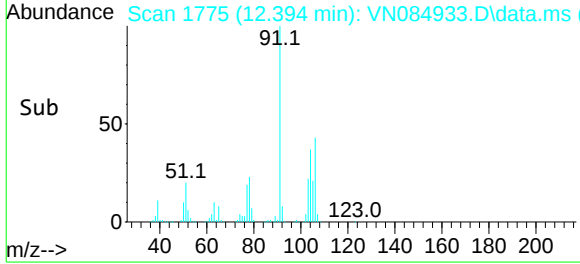
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 205839
Ion Ratio Lower Upper
106 100
91 221.4 110.2 330.6

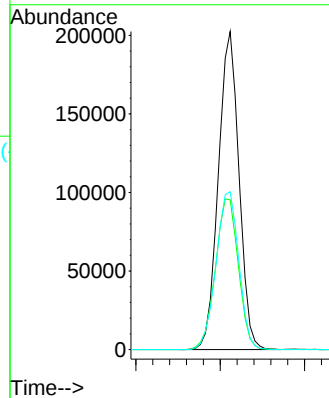
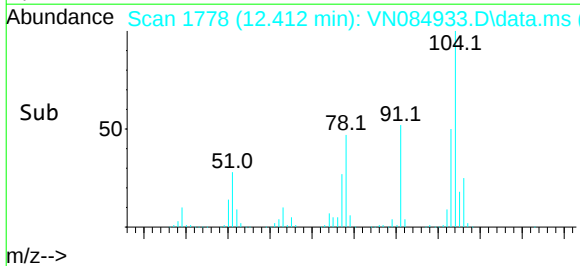
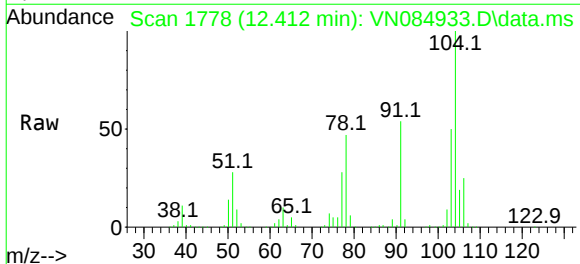
Manual Integrations
APPROVED

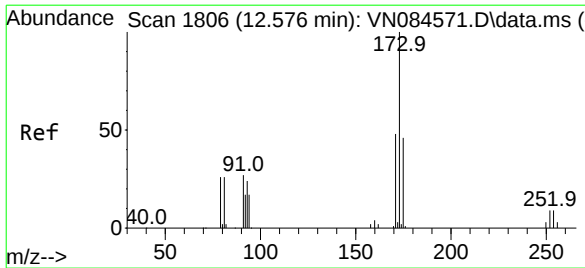
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#70
Styrene
Concen: 50.339 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

Tgt Ion:104 Resp: 344225
Ion Ratio Lower Upper
104 100
78 52.7 42.7 64.1
103 54.6 43.6 65.4





#71

Bromoform

Concen: 49.409 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN084933.D

Acq: 18 Nov 2024 20:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

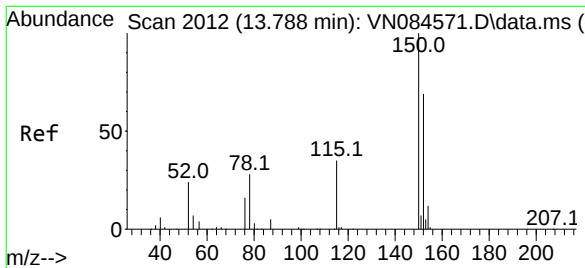
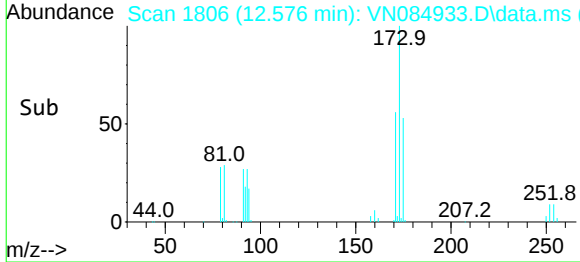
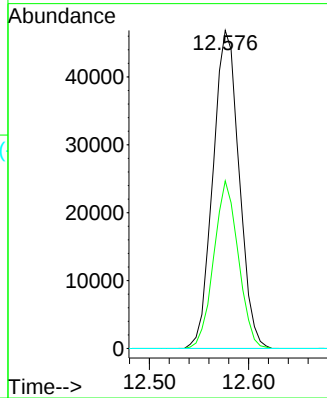
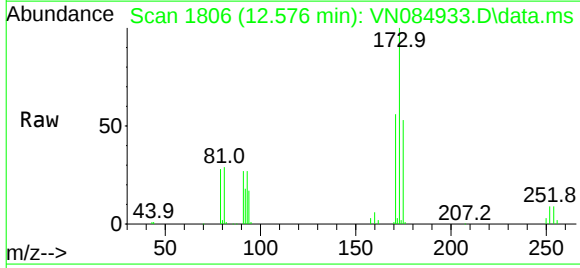
Tgt Ion:	173	Resp:	85750
Ion Ratio	Lower	Upper	
173	100		
175	49.5	23.5	70.6
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2024

Supervised By :Mahesh Dadoda 11/19/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

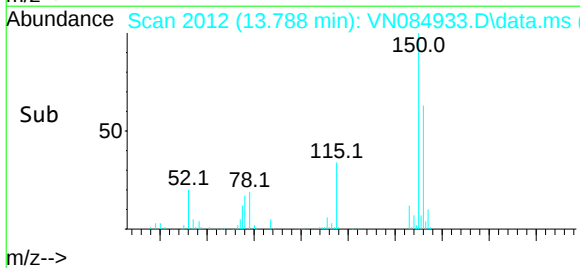
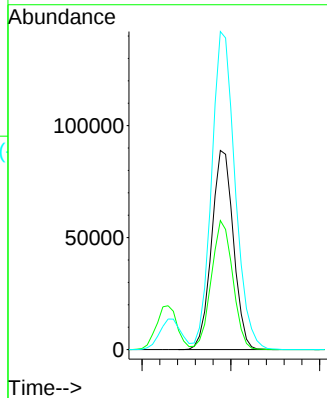
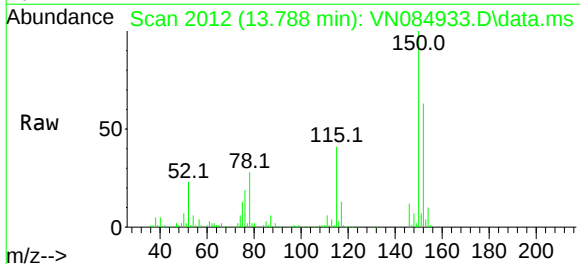
RT: 13.788 min Scan# 2012

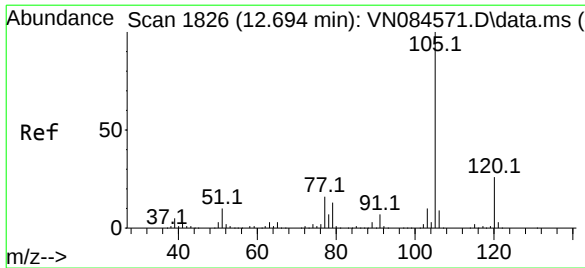
Delta R.T. 0.000 min

Lab File: VN084933.D

Acq: 18 Nov 2024 20:28

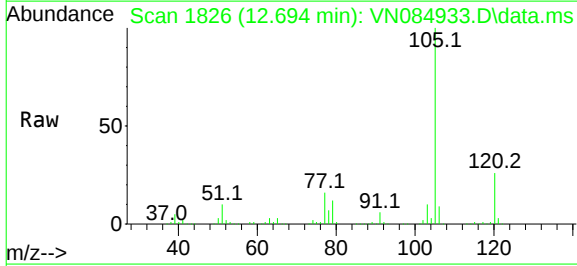
Tgt Ion:	152	Resp:	151901
Ion Ratio	Lower	Upper	
152	100		
115	63.7	31.3	93.9
150	172.1	0.0	349.8





#73
Isopropylbenzene
Concen: 49.124 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

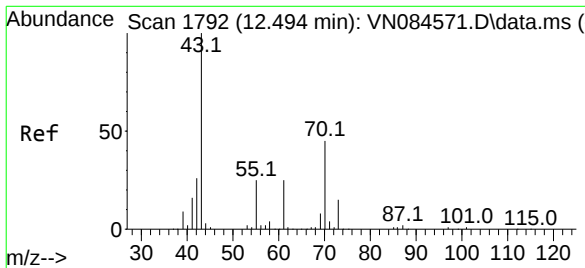
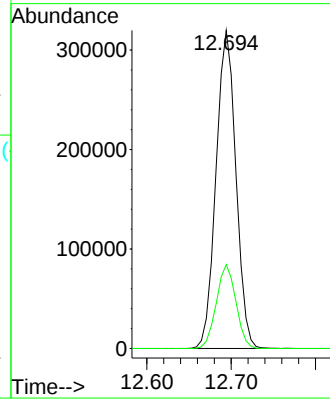
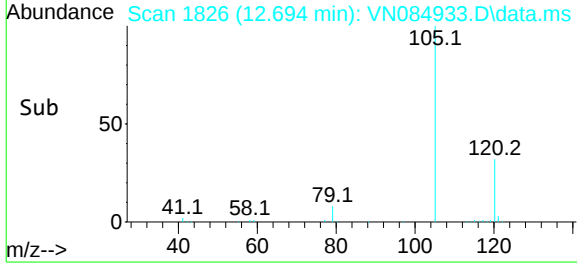
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



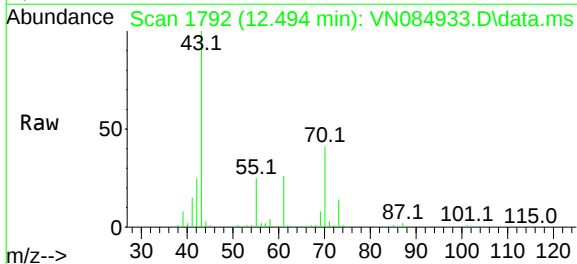
Tgt Ion: 105 Resp: 522919
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.7

Manual Integrations
APPROVED

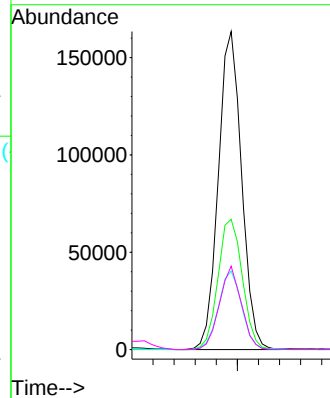
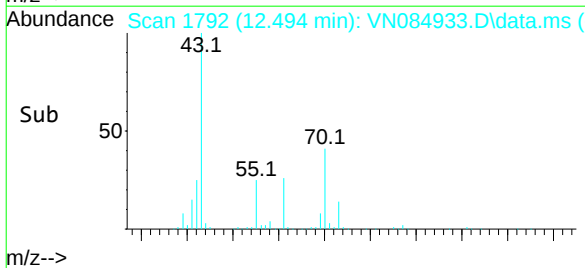
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024

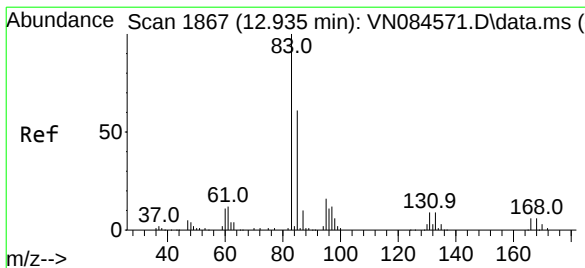


#74
N-ethyl acetate
Concen: 55.303 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28



Tgt Ion: 43 Resp: 250556
Ion Ratio Lower Upper
43 100
70 42.9 34.4 51.6
55 24.9 19.6 29.4
61 24.8 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 48.835 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN084933.D

Acq: 18 Nov 2024 20:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

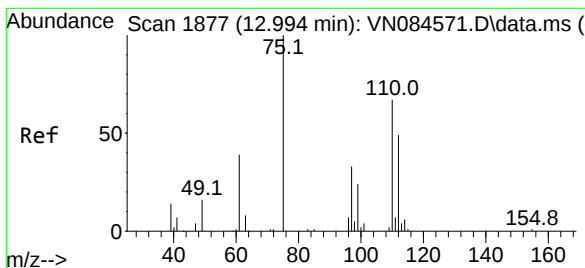
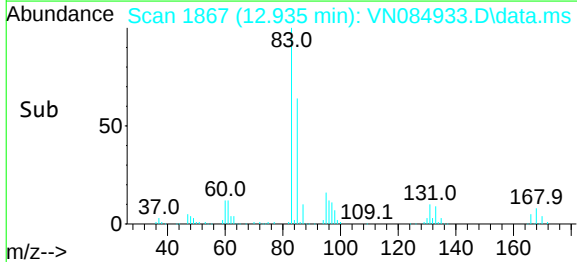
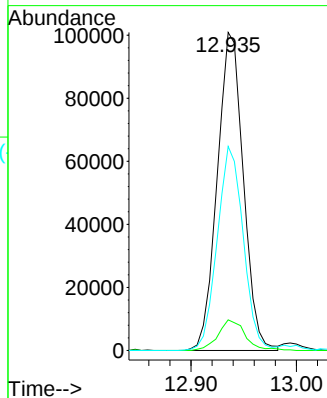
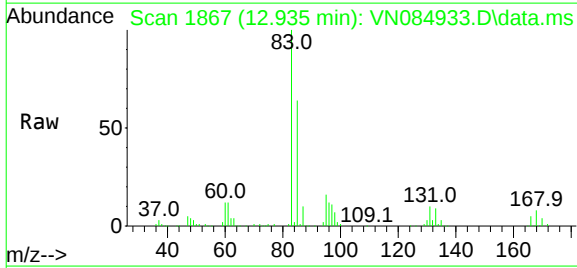
Tgt Ion:	83	Resp:	173516
Ion	Ratio	Lower	Upper
83	100		
131	10.1	4.9	14.7
85	63.9	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2024

Supervised By :Mahesh Dadoda 11/19/2024



#76

1,2,3-Trichloropropane

Concen: 46.770 ug/l m

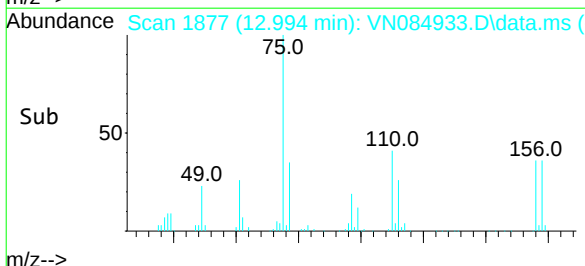
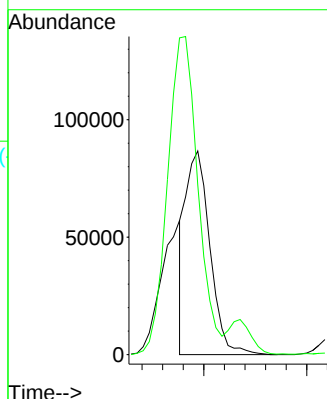
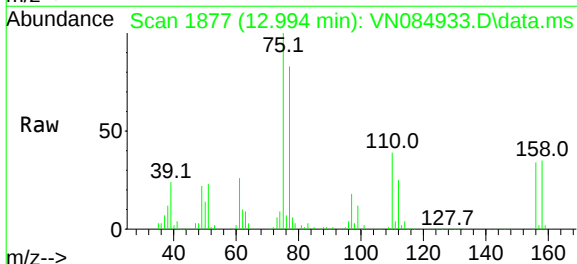
RT: 12.994 min Scan# 1877

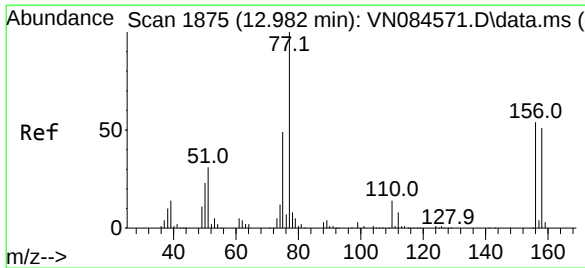
Delta R.T. 0.006 min

Lab File: VN084933.D

Acq: 18 Nov 2024 20:28

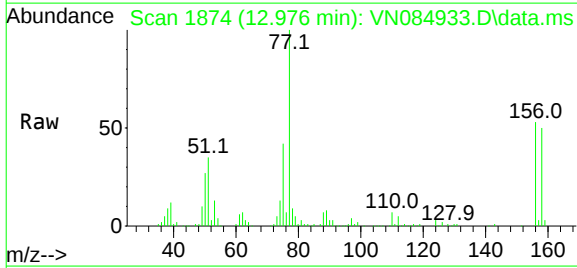
Tgt Ion:	75	Resp:	142014
Ion	Ratio	Lower	Upper
75	100		
77	195.5	96.9	290.7





#77
Bromobenzene
Concen: 42.912 ug/l
RT: 12.976 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

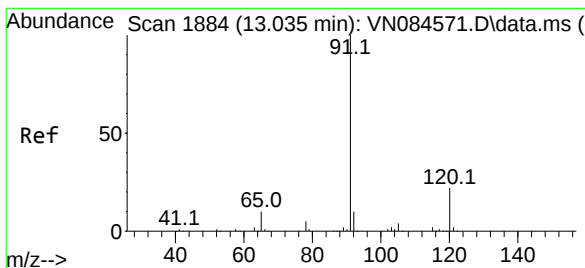
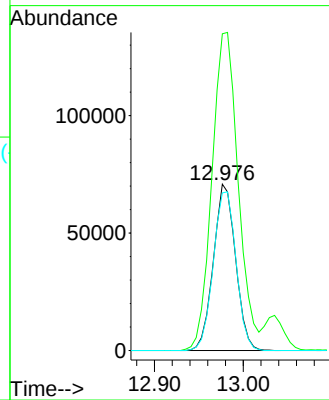
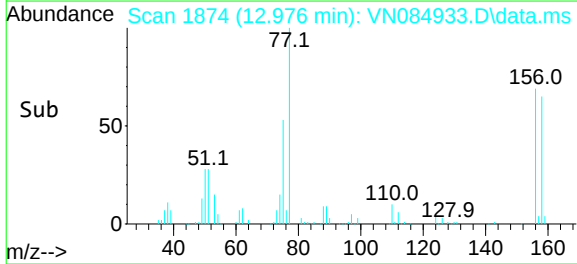
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 156 Resp: 122800
Ion Ratio Lower Upper
156 100
77 226.1 115.1 345.3
158 98.2 48.9 146.8

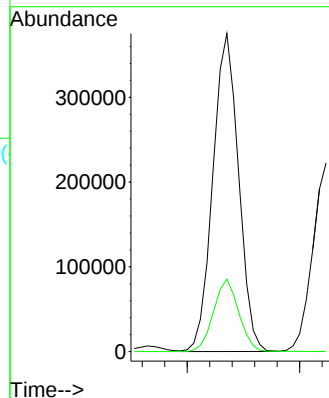
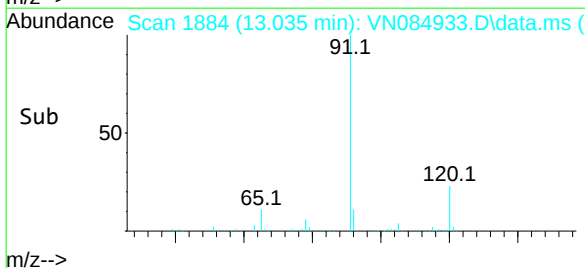
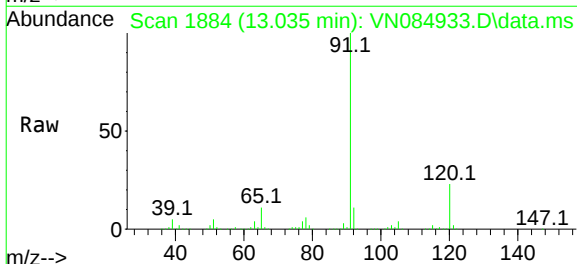
Manual Integrations
APPROVED

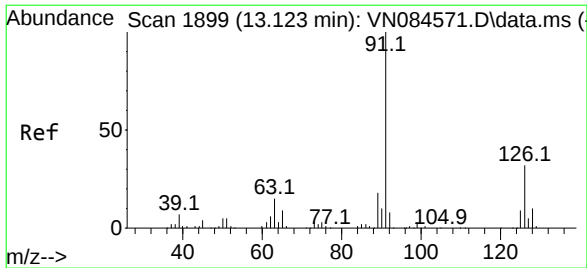
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#78
n-propylbenzene
Concen: 47.792 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

Tgt Ion: 91 Resp: 596159
Ion Ratio Lower Upper
91 100
120 22.3 10.8 32.4





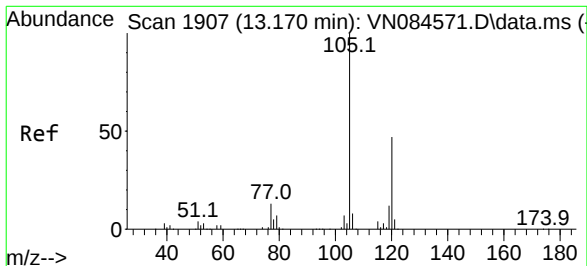
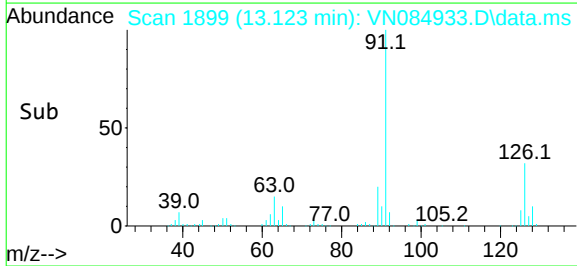
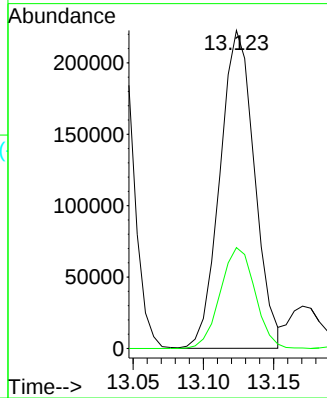
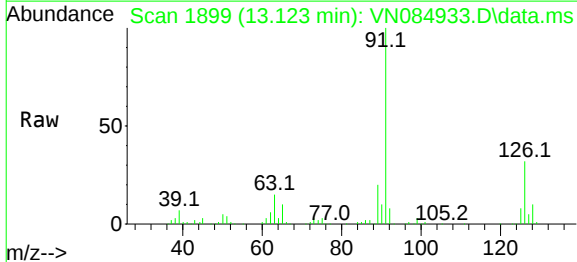
#79
2-Chlorotoluene
Concen: 46.778 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 381268
Ion Ratio Lower Upper
91 100
126 31.8 15.7 47.1

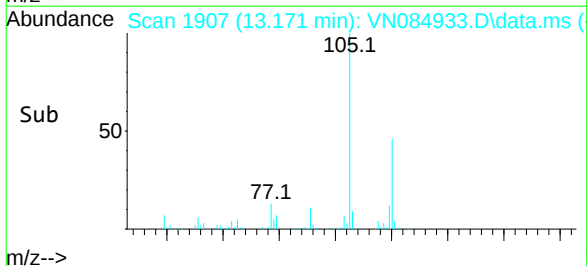
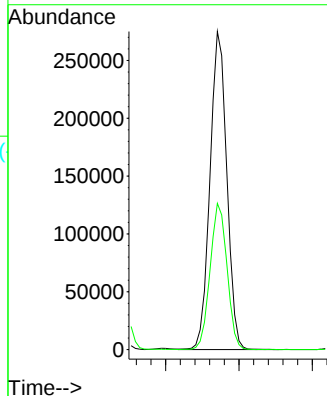
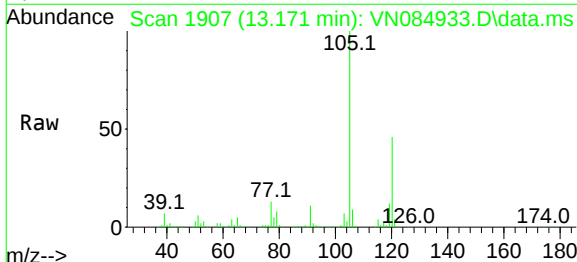
Manual Integrations
APPROVED

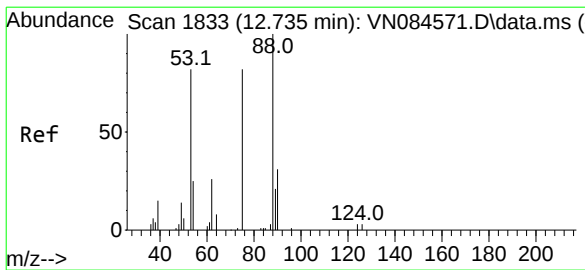
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#80
1,3,5-Trimethylbenzene
Concen: 49.629 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

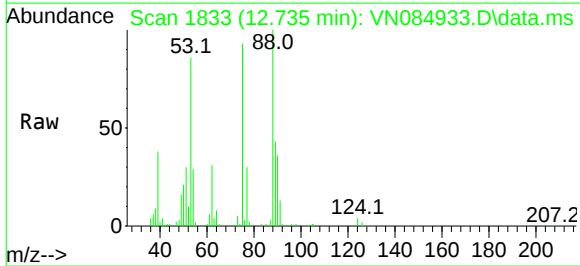
Tgt Ion:105 Resp: 437859
Ion Ratio Lower Upper
105 100
120 46.3 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 47.979 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

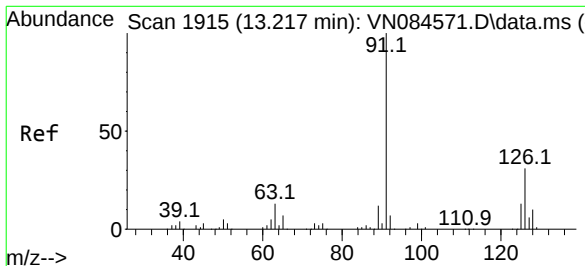
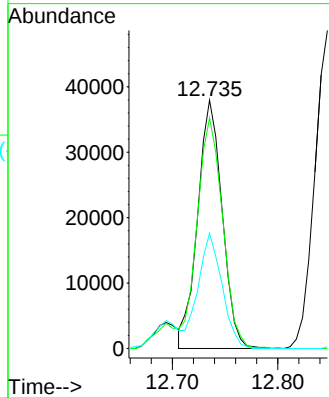
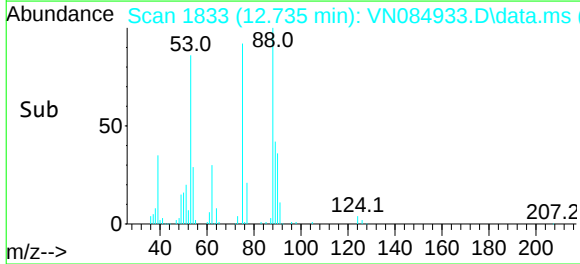
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 61408
Ion Ratio Lower Upper
75 100
53 96.6 78.0 117.0
89 44.7 35.5 53.3

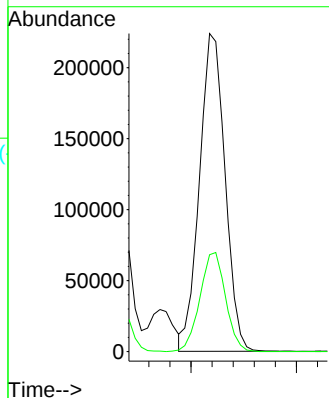
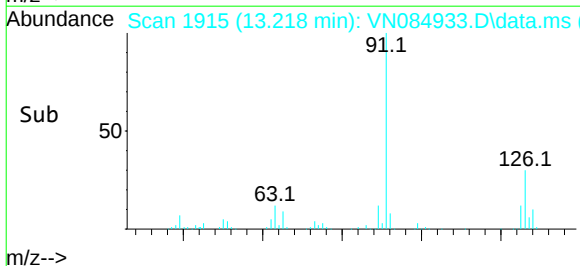
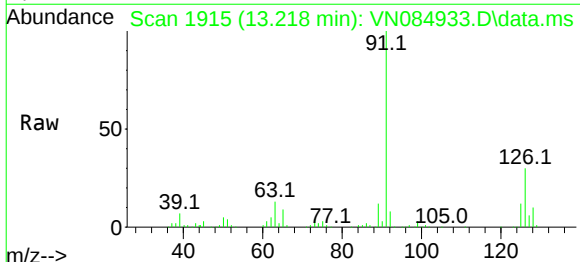
Manual Integrations
APPROVED

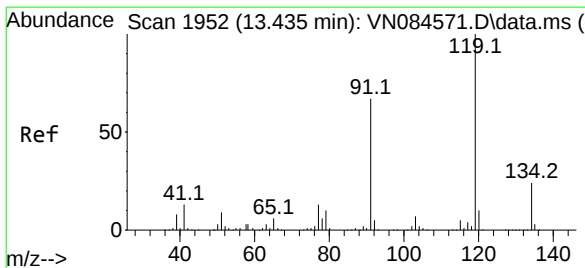
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#82
4-Chlorotoluene
Concen: 43.956 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

Tgt Ion: 91 Resp: 377042
Ion Ratio Lower Upper
91 100
126 31.3 15.7 47.1





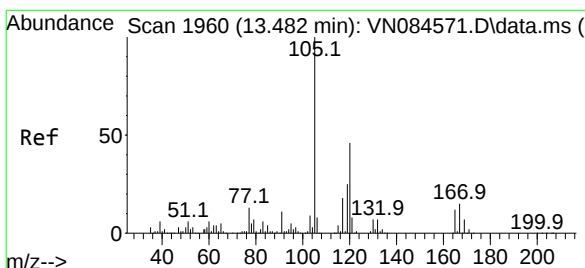
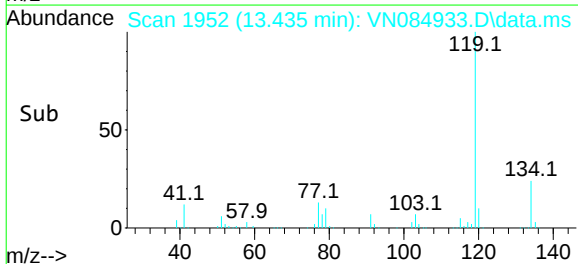
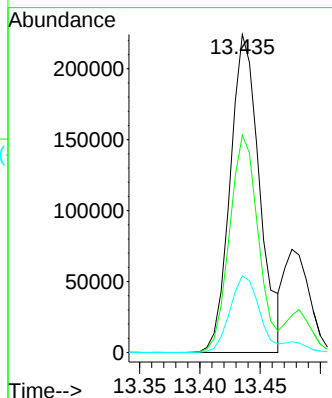
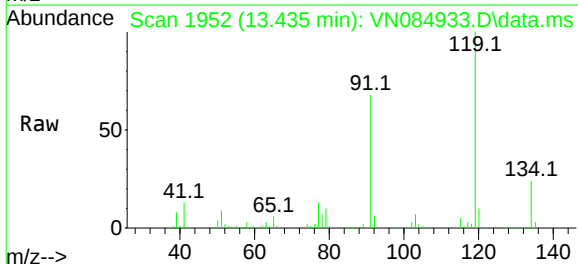
#83
tert-Butylbenzene
Concen: 52.173 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 380955
Ion Ratio Lower Upper
119 100
91 66.8 34.1 102.3
134 24.6 12.8 38.4

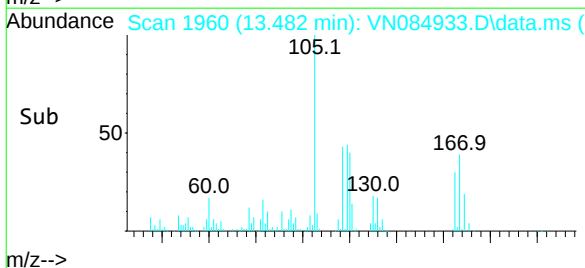
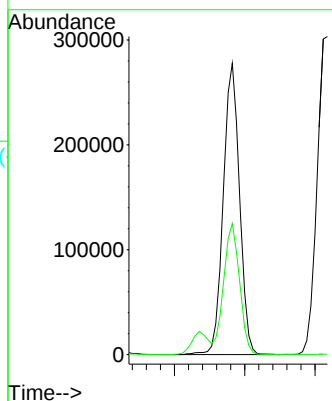
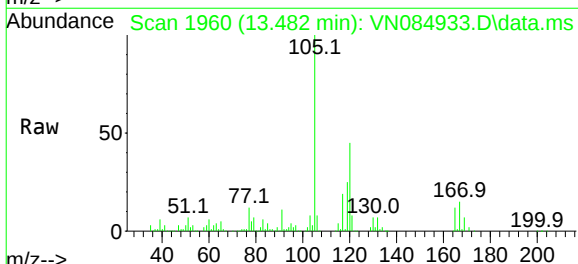
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#84
1,2,4-Trimethylbenzene
Concen: 48.998 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

Tgt Ion:105 Resp: 446169
Ion Ratio Lower Upper
105 100
120 44.2 22.3 66.8





#85

sec-Butylbenzene

Concen: 48.629 ug/l

RT: 13.618 min Scan# 19

Delta R.T. 0.000 min

Lab File: VN084933.D

Acq: 18 Nov 2024 20:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 501568

Ion Ratio Lower Upper

105 100

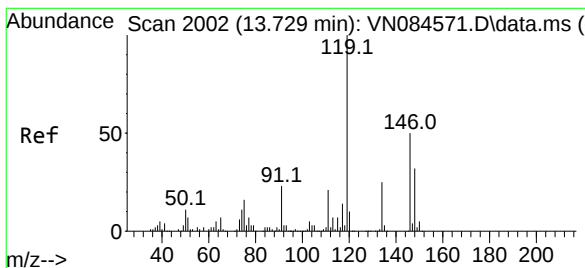
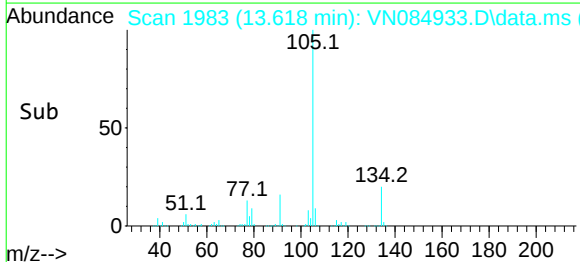
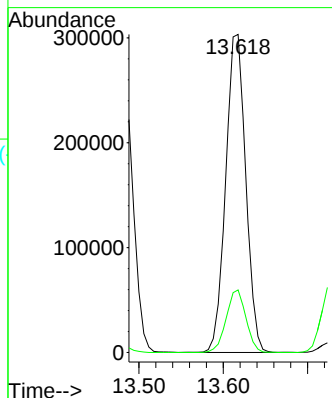
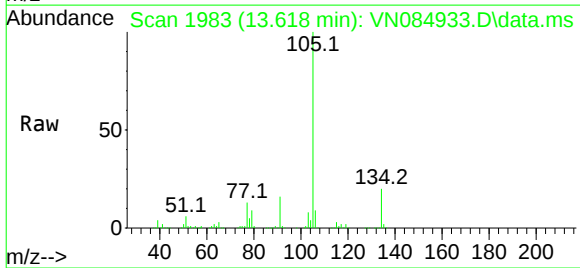
134 19.4 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2024

Supervised By :Mahesh Dadoda 11/19/2024



#86

p-Isopropyltoluene

Concen: 49.923 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084933.D

Acq: 18 Nov 2024 20:28

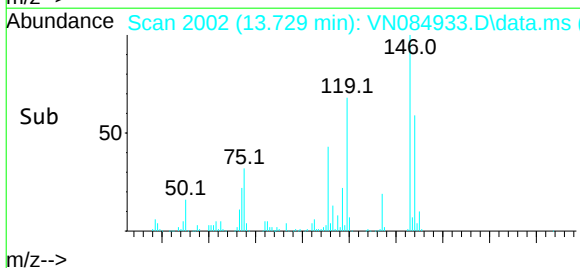
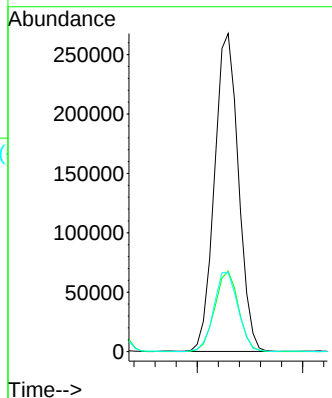
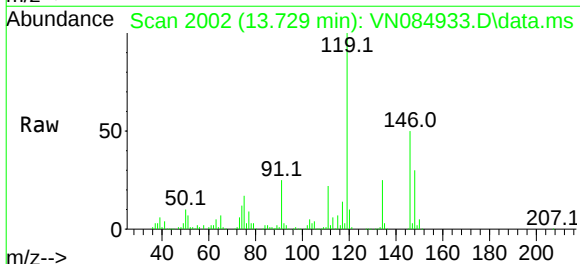
Tgt Ion:119 Resp: 422297

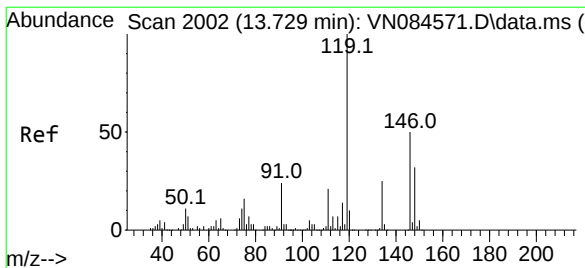
Ion Ratio Lower Upper

119 100

134 25.0 12.6 37.8

91 25.4 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 40.990 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084933.D

Acq: 18 Nov 2024 20:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

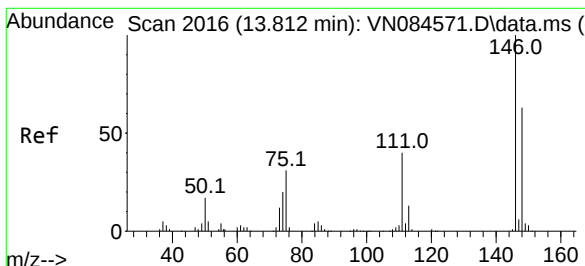
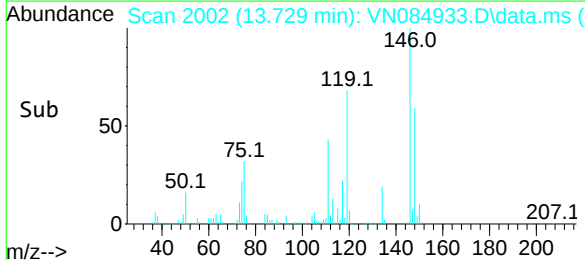
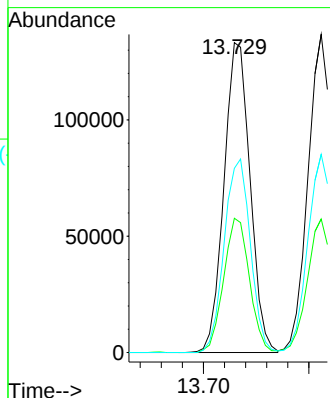
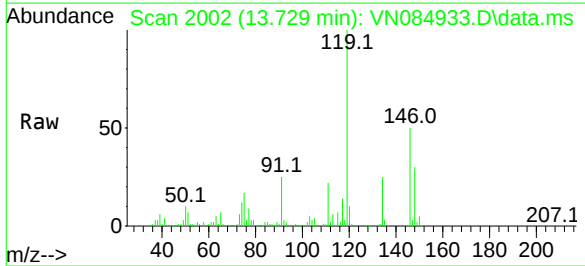
Tgt Ion:	146	Resp:	228918
Ion Ratio	Lower	Upper	
146	100		
111	42.9	21.8	65.3
148	62.6	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2024

Supervised By :Mahesh Dadoda 11/19/2024



#88

1,4-Dichlorobenzene

Concen: 44.033 ug/l

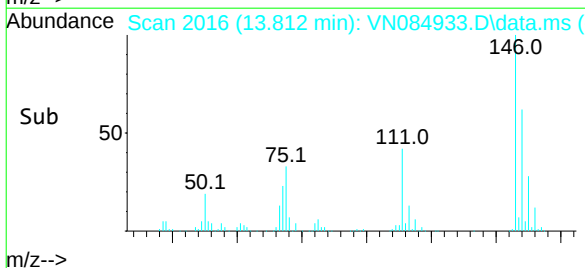
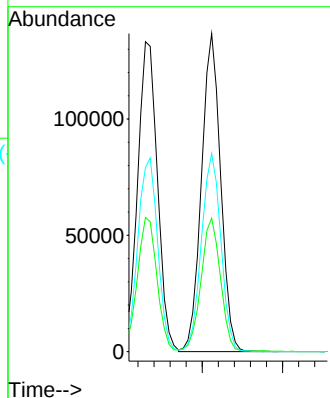
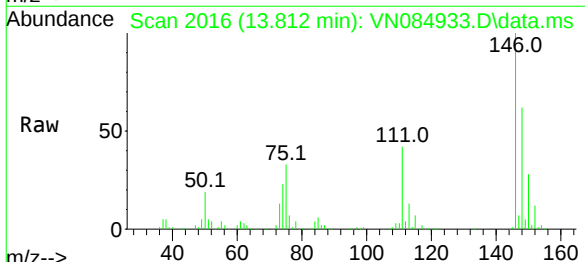
RT: 13.812 min Scan# 2016

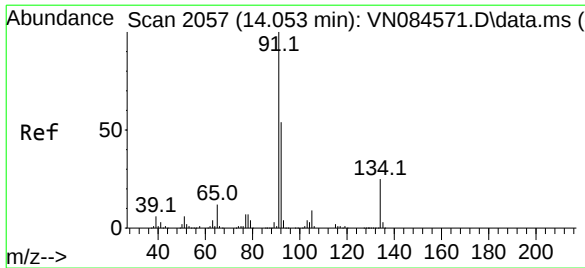
Delta R.T. -0.000 min

Lab File: VN084933.D

Acq: 18 Nov 2024 20:28

Tgt Ion:	146	Resp:	226406
Ion Ratio	Lower	Upper	
146	100		
111	42.0	21.2	63.6
148	63.3	31.9	95.9





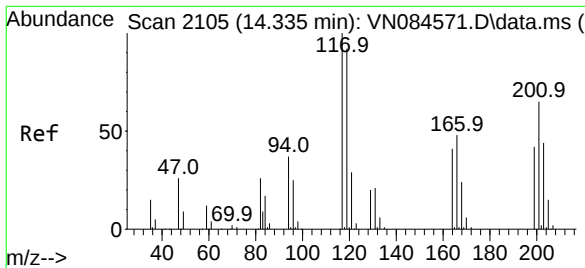
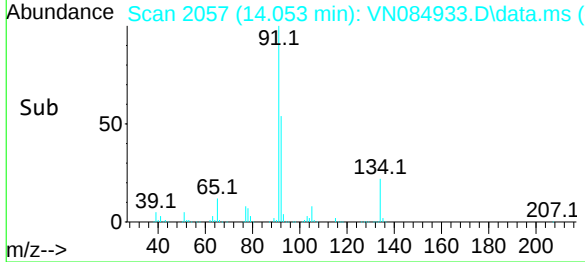
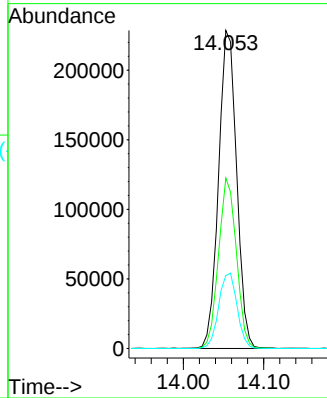
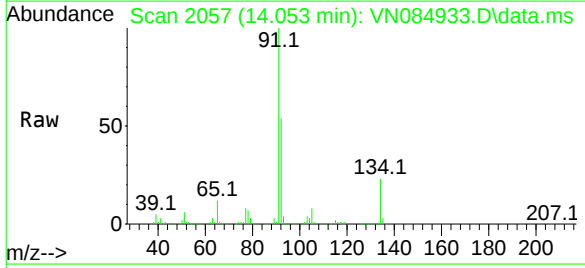
#89
n-Butylbenzene
Concen: 45.133 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 357120
Ion Ratio Lower Upper
91 100
92 52.8 26.6 79.7
134 24.1 12.3 36.9

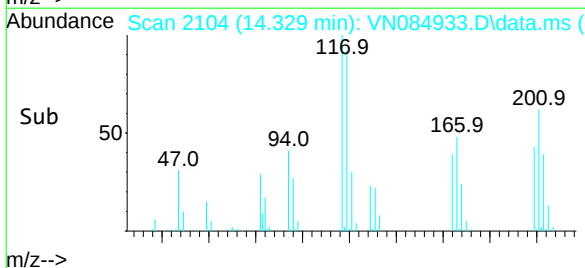
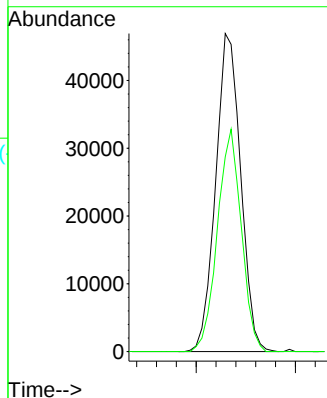
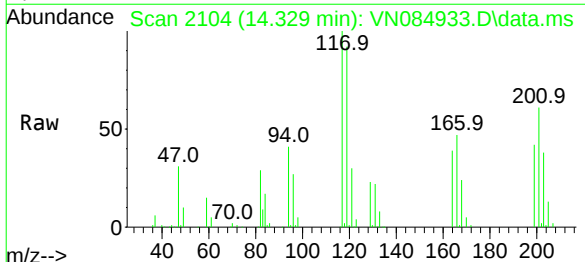
Manual Integrations
APPROVED

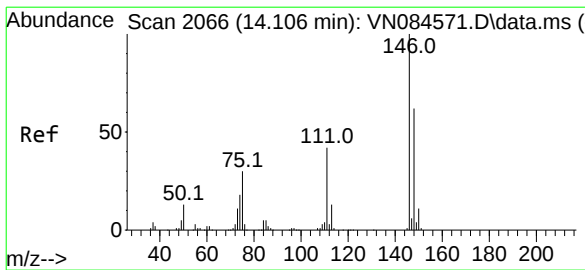
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#90
Hexachloroethane
Concen: 43.568 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

Tgt Ion:117 Resp: 82187
Ion Ratio Lower Upper
117 100
201 66.8 34.4 103.2





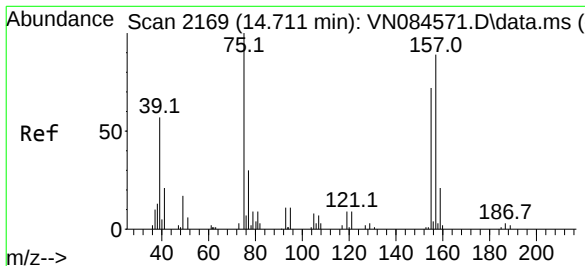
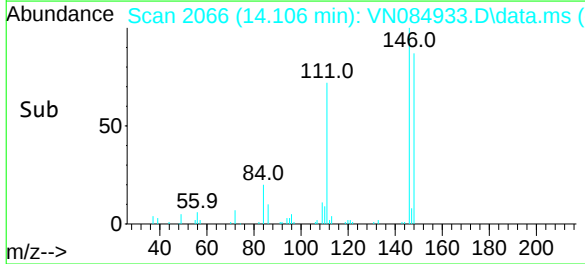
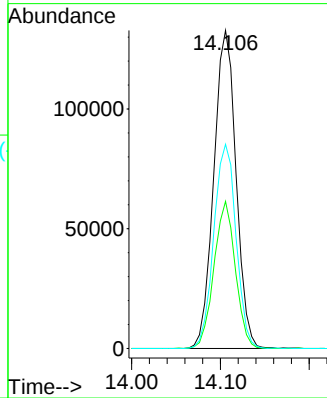
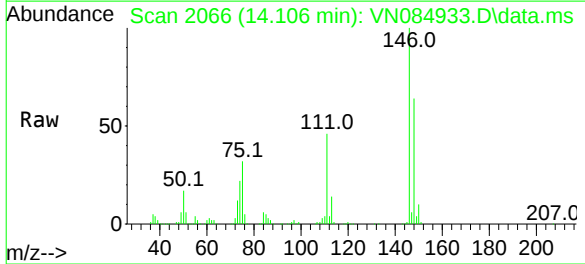
#91
1,2-Dichlorobenzene
Concen: 43.076 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 231172
Ion Ratio Lower Upper
146 100
111 44.5 22.0 66.0
148 64.3 32.1 96.3

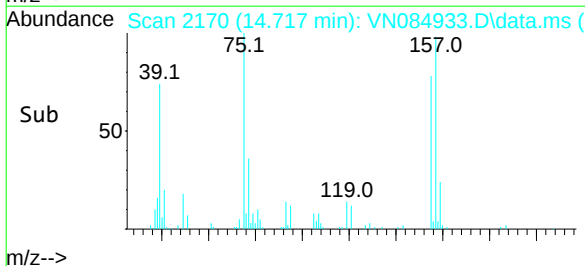
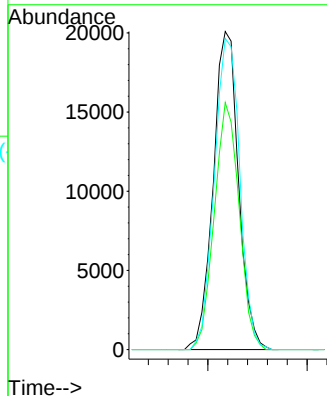
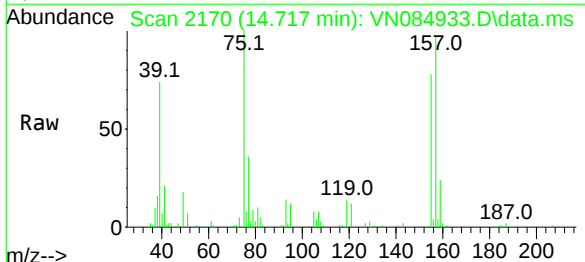
Manual Integrations
APPROVED

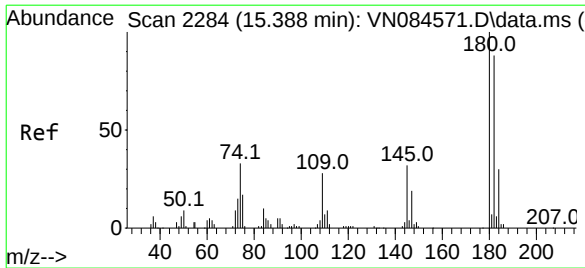
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.378 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

Tgt Ion: 75 Resp: 35543
Ion Ratio Lower Upper
75 100
155 76.2 38.1 114.5
157 98.7 49.6 149.0





#93

1,2,4-Trichlorobenzene

Concen: 39.248 ug/l

RT: 15.394 min Scan# 2284

Delta R.T. 0.006 min

Lab File: VN084933.D

Acq: 18 Nov 2024 20:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 115285

Ion Ratio Lower Upper

180 100

182 94.2 47.0 141.0

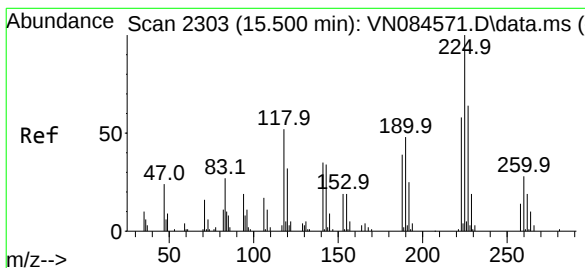
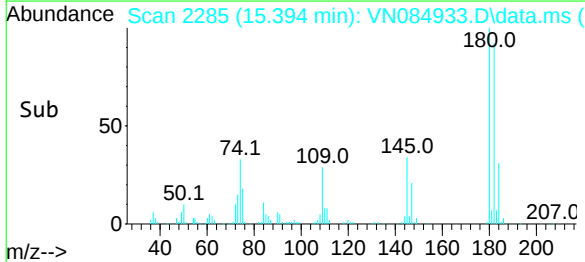
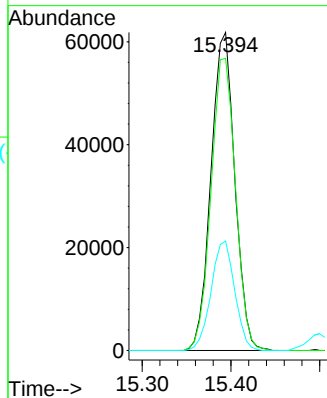
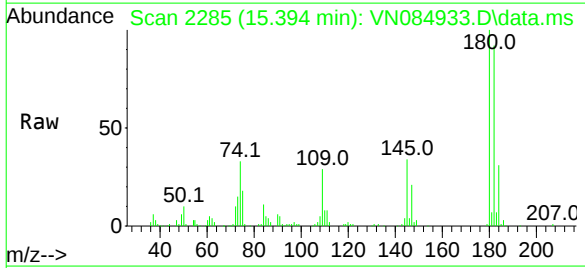
145 34.1 16.4 49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2024

Supervised By :Mahesh Dadoda 11/19/2024



#94

Hexachlorobutadiene

Concen: 39.243 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN084933.D

Acq: 18 Nov 2024 20:28

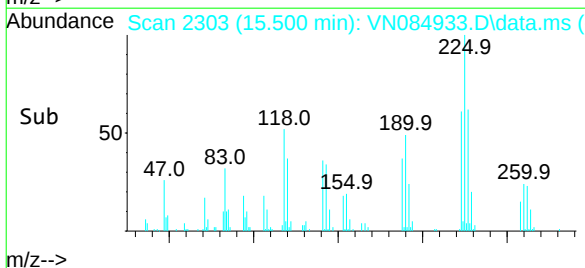
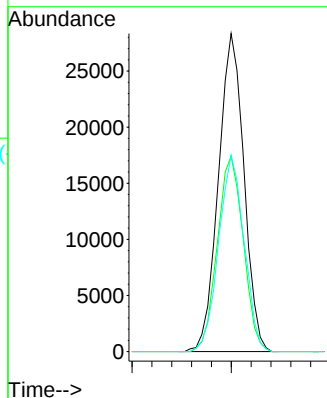
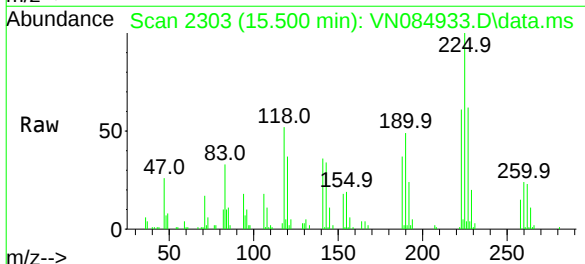
Tgt Ion:225 Resp: 50621

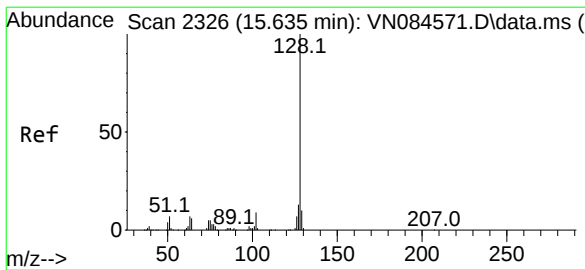
Ion Ratio Lower Upper

225 100

223 62.3 32.4 97.2

227 61.6 32.4 97.0





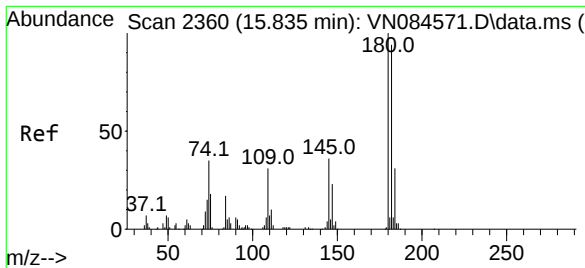
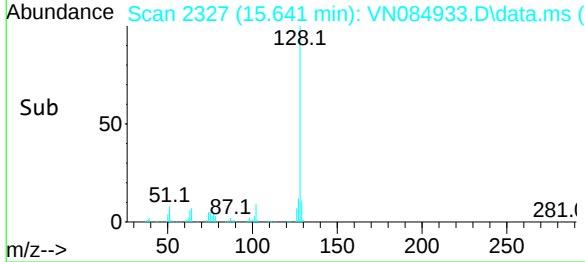
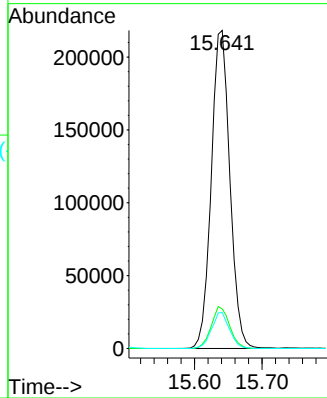
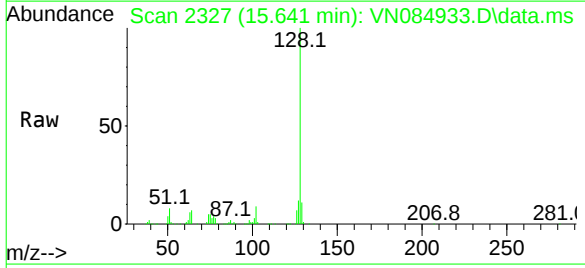
#95
Naphthalene
Concen: 47.466 ug/l
RT: 15.641 min Scan# 2326
Delta R.T. 0.006 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 417329
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#96
1,2,3-Trichlorobenzene
Concen: 40.326 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN084933.D
Acq: 18 Nov 2024 20:28

Tgt Ion:180 Resp: 114987
Ion Ratio Lower Upper
180 100
182 93.5 48.2 144.6
145 34.7 17.3 51.9

