

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111324\
 Data File : VN084815.D
 Acq On : 13 Nov 2024 09:52
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 14 00:28:43 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 11/14/2024
 Supervised By : Mahesh Dadoda 11/14/2024

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	176295	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	281546	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	243058	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	126719	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	120107	47.169	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.340%
35) Dibromofluoromethane	8.159	113	97958	51.402	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.800%
50) Toluene-d8	10.559	98	351154	50.021	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.040%
62) 4-Bromofluorobenzene	12.847	95	135745	51.739	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.480%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	96195	47.465	ug/l	94
3) Chloromethane	2.359	50	107226	44.829	ug/l	100
4) Vinyl Chloride	2.512	62	117161	53.749	ug/l	96
5) Bromomethane	2.906	94	59293	51.340	ug/l	95
6) Chloroethane	3.077	64	73561	54.647	ug/l	98
7) Trichlorofluoromethane	3.471	101	182918	50.942	ug/l	93
8) Diethyl Ether	3.959	74	63024	49.756	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.359	101	101897	50.222	ug/l	96
10) Methyl Iodide	4.577	142	140001	51.629	ug/l	97
11) Tert butyl alcohol	5.530	59	70720	210.411	ug/l	100
12) 1,1-Dichloroethene	4.324	96	95055	47.347	ug/l	96
13) Acrolein	4.171	56	65521	195.496	ug/l	99
14) Allyl chloride	5.012	41	150935	46.358	ug/l	94
15) Acrylonitrile	5.712	53	227445	233.755	ug/l	98
16) Acetone	4.424	43	180714	245.643	ug/l	100
17) Carbon Disulfide	4.700	76	269968	43.666	ug/l	97
18) Methyl Acetate	5.018	43	111174	40.630	ug/l	97
19) Methyl tert-butyl Ether	5.789	73	317360	51.574	ug/l	100
20) Methylene Chloride	5.271	84	105808	47.246	ug/l	92
21) trans-1,2-Dichloroethene	5.777	96	99711	48.368	ug/l	97
22) Diisopropyl ether	6.665	45	314968	48.685	ug/l	98
23) Vinyl Acetate	6.594	43	1120244	251.096	ug/l	99
24) 1,1-Dichloroethane	6.559	63	188301	48.480	ug/l	97
25) 2-Butanone	7.477	43	286555	241.222	ug/l	96
26) 2,2-Dichloropropane	7.483	77	173974	51.462	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	118677	49.303	ug/l	96
28) Bromochloromethane	7.806	49	83558	53.996	ug/l	92
29) Tetrahydrofuran	7.835	42	182415	231.465	ug/l	94
30) Chloroform	7.959	83	196747	49.768	ug/l	100
31) Cyclohexane	8.253	56	160995	45.797	ug/l	93
32) 1,1,1-Trichloroethane	8.159	97	182339	50.675	ug/l	98
36) 1,1-Dichloropropene	8.365	75	134688	50.960	ug/l	98
37) Ethyl Acetate	7.553	43	118334	49.347	ug/l	96
38) Carbon Tetrachloride	8.359	117	159542	54.005	ug/l	98
39) Methylcyclohexane	9.594	83	153429	57.062	ug/l	98
40) Benzene	8.600	78	432055	50.902	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	66538	51.598	ug/l	95
42) 1,2-Dichloroethane	8.665	62	145008	52.752	ug/l	99
43) Isopropyl Acetate	8.682	43	213313	48.114	ug/l	98
44) Trichloroethene	9.347	130	100437	51.308	ug/l	98
45) 1,2-Dichloropropane	9.618	63	103643	52.053	ug/l	99
46) Dibromomethane	9.700	93	72822	51.831	ug/l	97
47) Bromodichloromethane	9.882	83	153343	51.777	ug/l #	98
48) Methyl methacrylate	9.677	41	92115	49.357	ug/l	93
49) 1,4-Dioxane	9.694	88	33022	998.496	ug/l #	82
51) 4-Methyl-2-Pentanone	10.441	43	580539	253.954	ug/l	98
52) Toluene	10.629	92	265281	53.439	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	153620	50.111	ug/l	97
54) cis-1,3-Dichloropropene	10.306	75	169890	52.361	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	97167	51.963	ug/l	95
56) Ethyl methacrylate	10.871	69	149768	55.371	ug/l	94
57) 1,3-Dichloropropane	11.159	76	167938	52.330	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.153	63	350740	277.120	ug/l	96
59) 2-Hexanone	11.194	43	439014	263.840	ug/l	97
60) Dibromochloromethane	11.353	129	113439	53.229	ug/l	99
61) 1,2-Dibromoethane	11.465	107	95450	49.846	ug/l	99
64) Tetrachloroethene	11.100	164	89817	55.554	ug/l	99
65) Chlorobenzene	11.888	112	277610	51.053	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	102195	54.032	ug/l	99
67) Ethyl Benzene	11.959	91	492839	54.298	ug/l	99
68) m/p-Xylenes	12.065	106	377788	109.941	ug/l	99
69) o-Xylene	12.394	106	182515	56.777	ug/l	98
70) Styrene	12.406	104	306011	54.571	ug/l	99
71) Bromoform	12.576	173	76509	53.758	ug/l #	98
73) Isopropylbenzene	12.694	105	461304	51.948	ug/l	100
74) N-amyl acetate	12.494	43	178664	47.271	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	133876	45.166	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	123787m	48.869	ug/l	
77) Bromobenzene	12.976	156	113968	47.740	ug/l	93
78) n-propylbenzene	13.035	91	541039	51.993	ug/l	99
79) 2-Chlorotoluene	13.123	91	340930	50.141	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	401124	54.500	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	49512	46.372	ug/l	92
82) 4-Chlorotoluene	13.217	91	344801	48.186	ug/l	99
83) tert-Butylbenzene	13.435	119	336487	55.241	ug/l	97
84) 1,2,4-Trimethylbenzene	13.476	105	409543	53.914	ug/l	100
85) sec-Butylbenzene	13.612	105	466097	54.170	ug/l	100
86) p-Isopropyltoluene	13.723	119	398693	56.499	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	215220	46.195	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	215716	50.517	ug/l	99
89) n-Butylbenzene	14.053	91	331088	50.158	ug/l	99
90) Hexachloroethane	14.329	117	73345	46.607	ug/l	94
91) 1,2-Dichlorobenzene	14.100	146	207784	46.412	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	24575	40.926	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	104240	42.540	ug/l	98
94) Hexachlorobutadiene	15.500	225	50297	46.740	ug/l	98
95) Naphthalene	15.635	128	320037	43.634	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	105664	44.421	ug/l	97

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

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

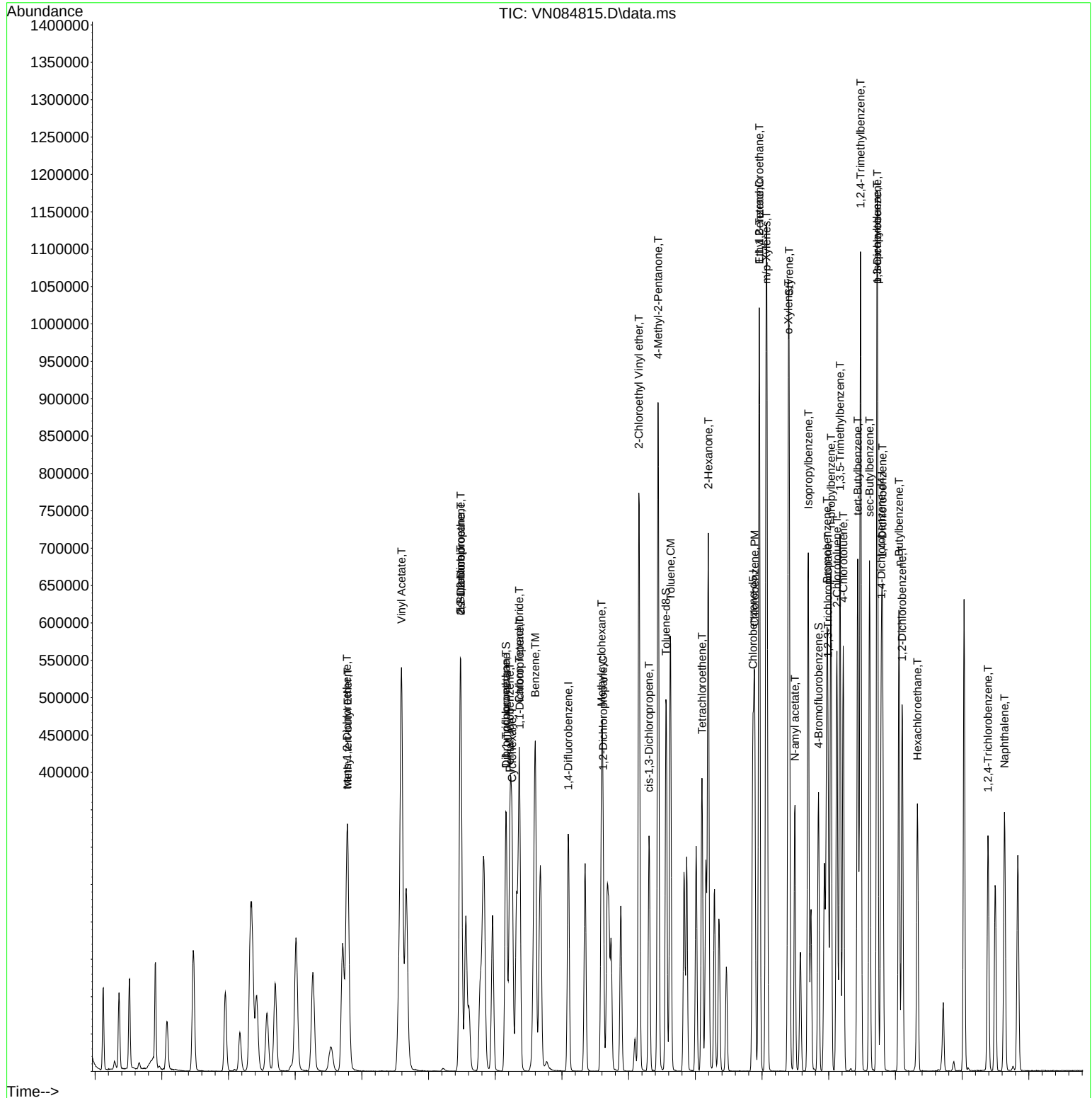
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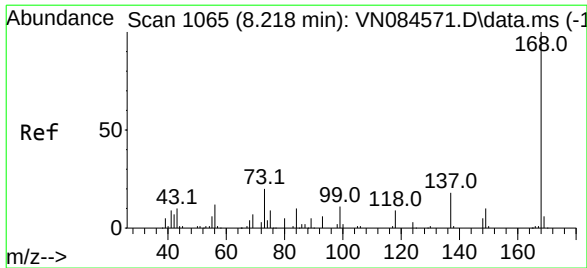
Instrument :
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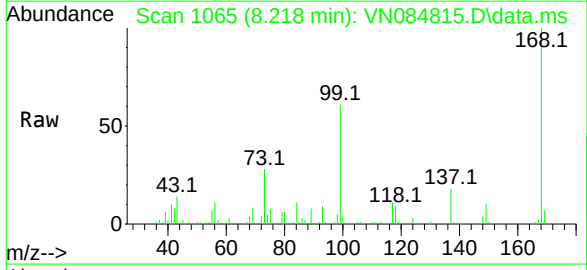
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.006 min
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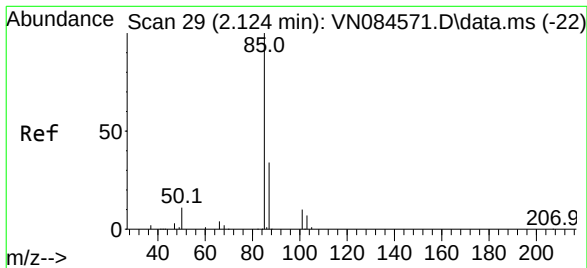
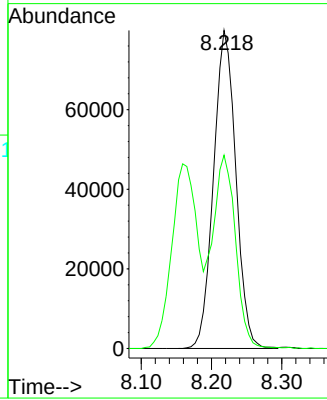
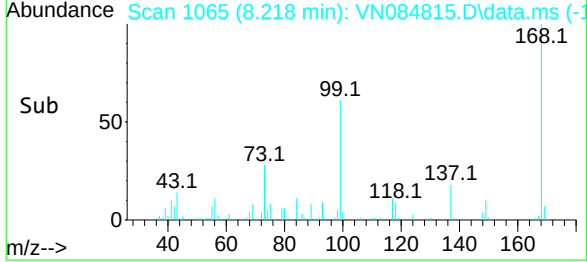
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



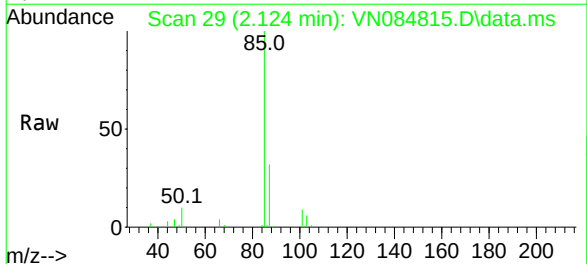
Tgt Ion:168 Resp: 176295
Ion Ratio Lower Upper
168 100
99 60.5 54.2 81.2

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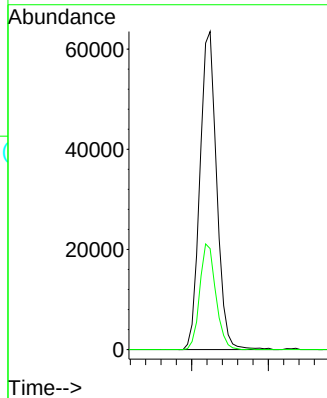
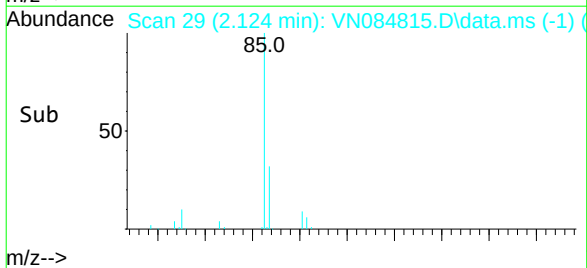
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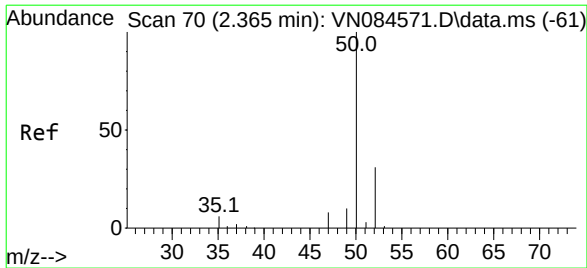


#2
Dichlorodifluoromethane
Concen: 47.465 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52



Tgt Ion: 85 Resp: 96195
Ion Ratio Lower Upper
85 100
87 31.7 17.6 52.9





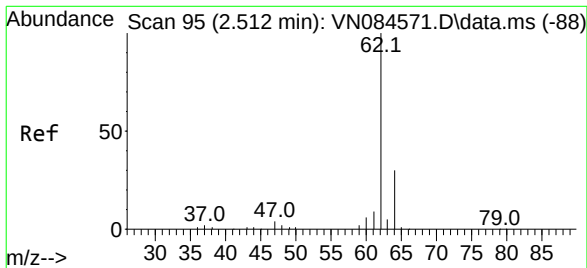
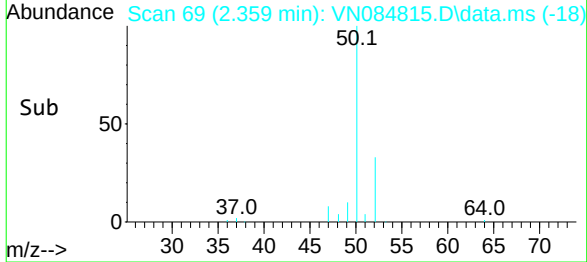
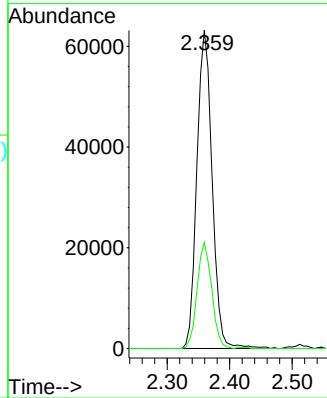
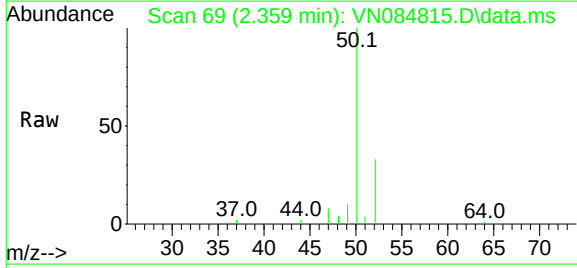
#3
Chloromethane
Concen: 44.829 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084815.D
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Tgt Ion: 50 Resp: 107226
Ion Ratio Lower Upper
50 100
52 33.3 26.8 40.2

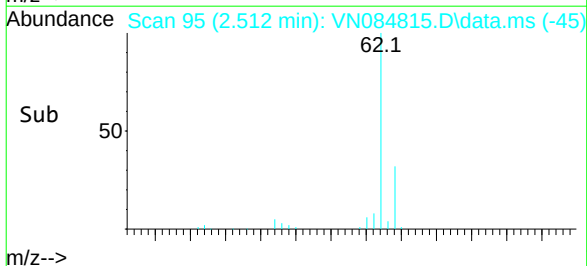
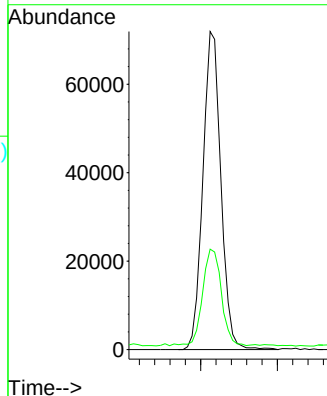
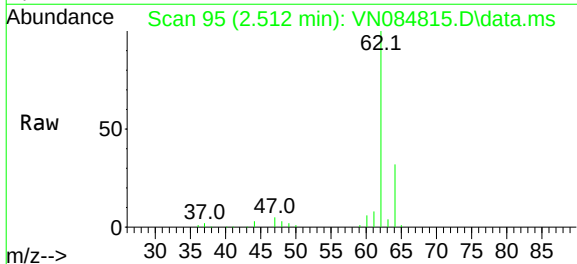
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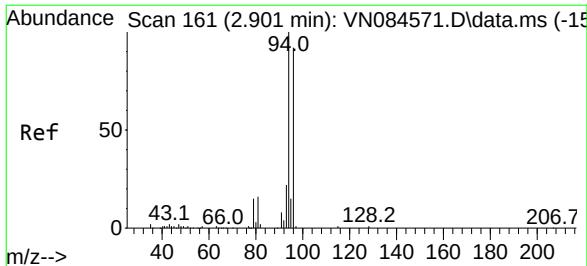
Reviewed By :John Carlone 11/14/2024
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#4
Vinyl Chloride
Concen: 53.749 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
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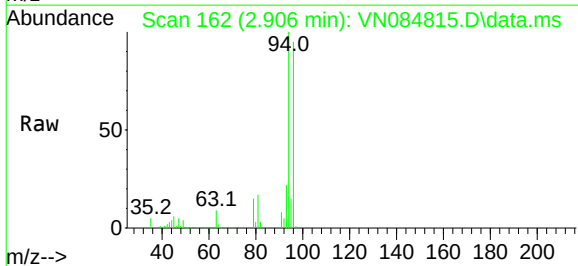
Tgt Ion: 62 Resp: 117161
Ion Ratio Lower Upper
62 100
64 30.3 26.2 39.4





#5
Bromomethane
Concen: 51.340 ug/l
RT: 2.906 min Scan# 161
Delta R.T. -0.047 min
Lab File: VN084815.D
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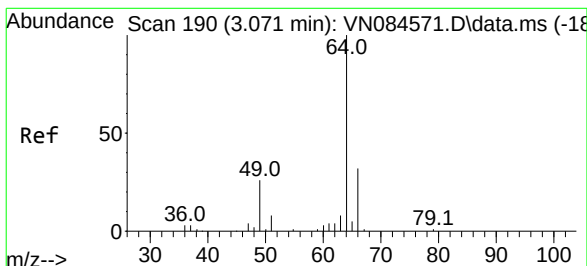
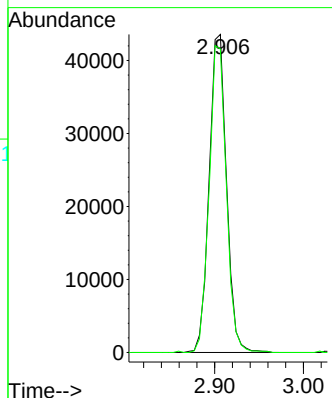
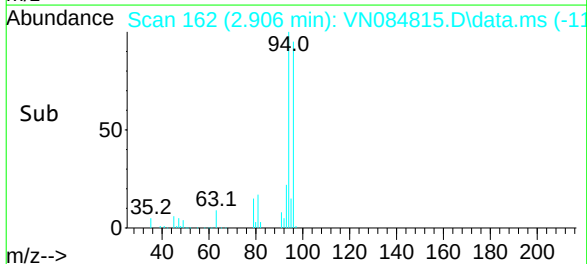
Instrument :
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Tgt Ion: 94 Resp: 59293
Ion Ratio Lower Upper
94 100
96 95.4 72.9 109.3

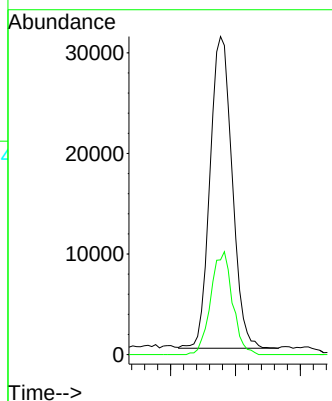
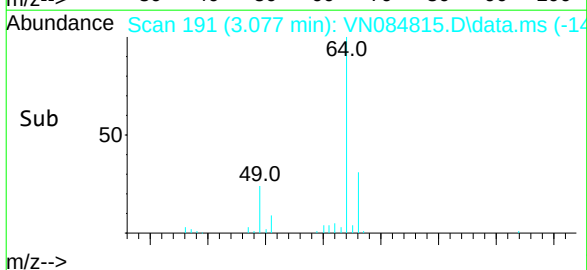
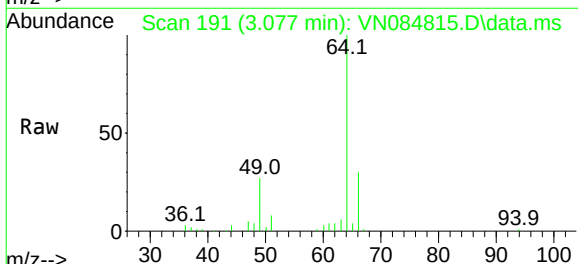
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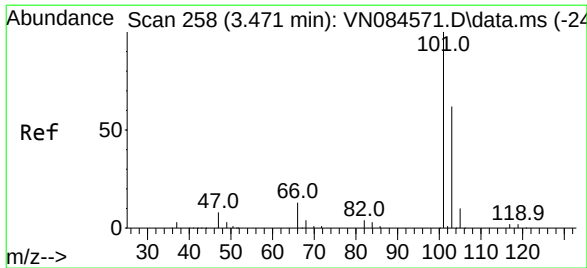
Reviewed By :John Carlone 11/14/2024
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#6
Chloroethane
Concen: 54.647 ug/l
RT: 3.077 min Scan# 191
Delta R.T. -0.041 min
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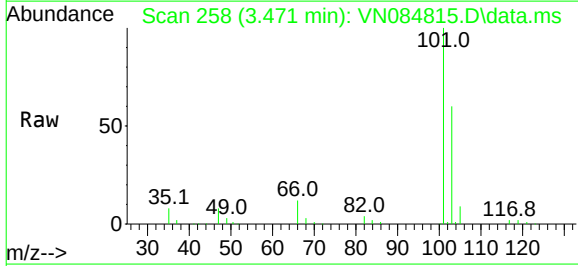
Tgt Ion: 64 Resp: 73561
Ion Ratio Lower Upper
64 100
66 30.4 23.5 35.3





#7
Trichlorofluoromethane
Concen: 50.942 ug/l
RT: 3.471 min Scan# 258
Delta R.T. -0.024 min
Lab File: VN084815.D
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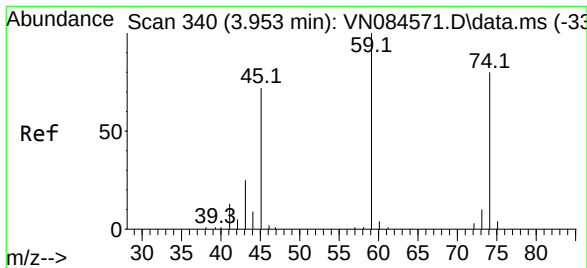
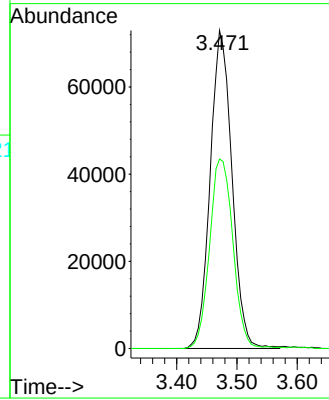
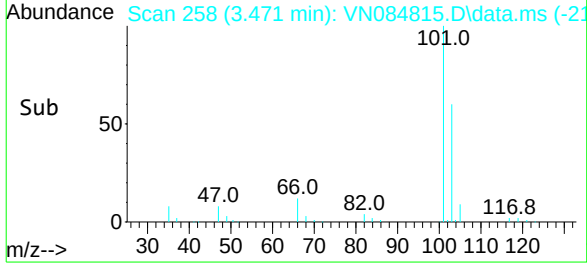
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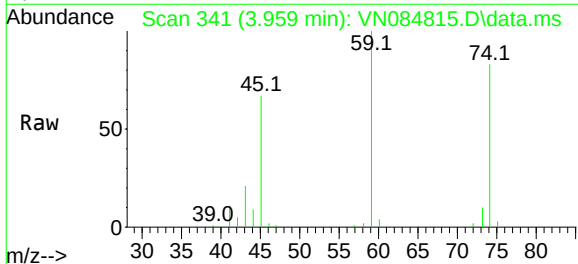
Tgt Ion:101 Resp: 182918
Ion Ratio Lower Upper
101 100
103 59.6 51.8 77.6

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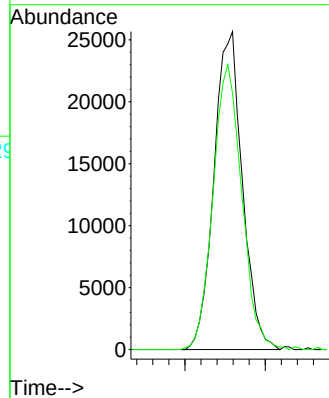
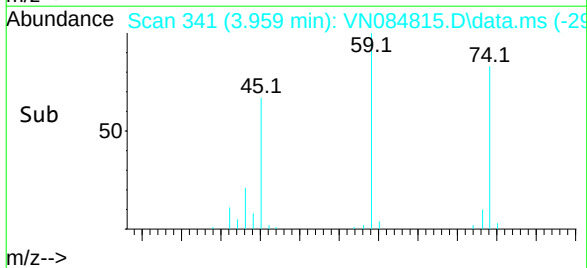
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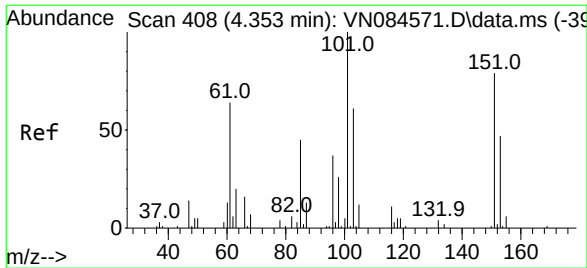


#8
Diethyl Ether
Concen: 49.756 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN084815.D
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Tgt Ion: 74 Resp: 63024
Ion Ratio Lower Upper
74 100
45 90.8 47.7 143.1





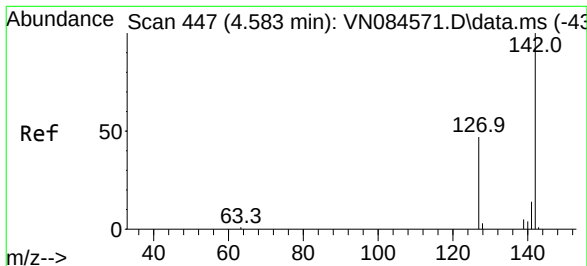
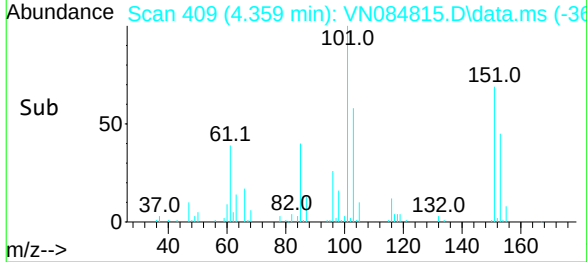
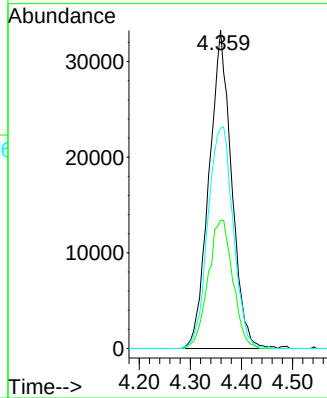
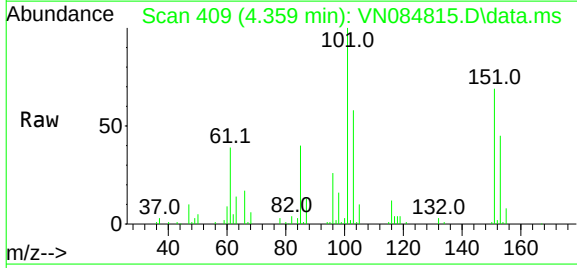
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.222 ug/l
RT: 4.359 min Scan# 408
Delta R.T. -0.012 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 101897
Ion Ratio Lower Upper
101 100
85 44.0 36.2 54.4
151 78.2 59.3 88.9

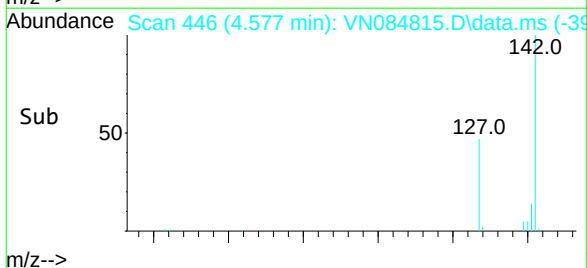
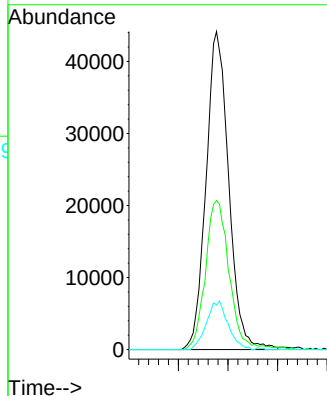
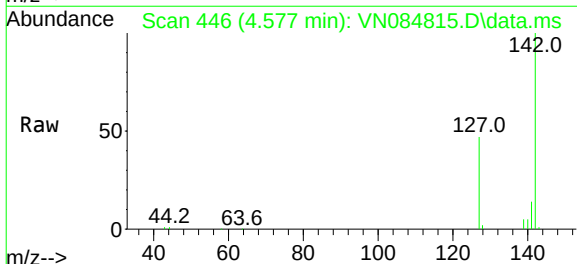
Manual Integrations
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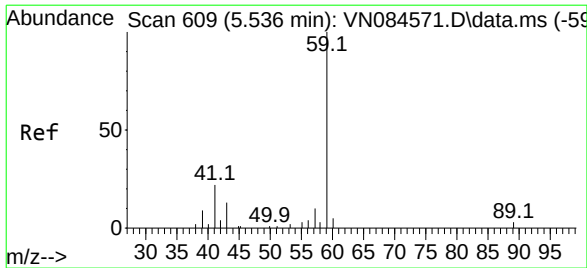
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#10
Methyl Iodide
Concen: 51.629 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.018 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

Tgt Ion:142 Resp: 140001
Ion Ratio Lower Upper
142 100
127 46.9 35.3 52.9
141 14.0 11.0 16.6





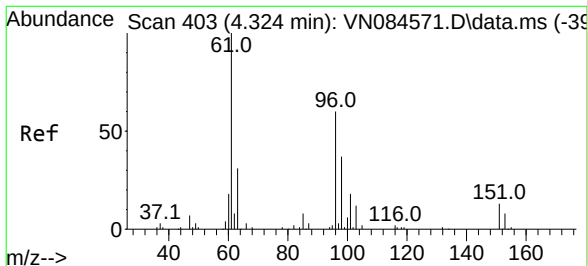
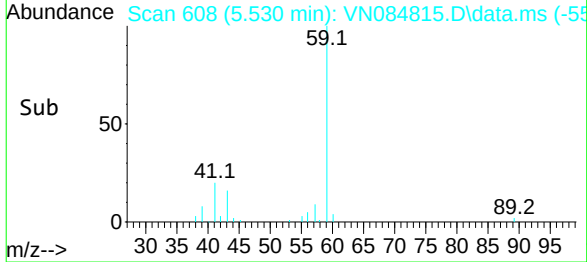
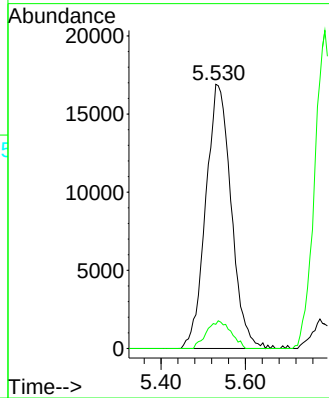
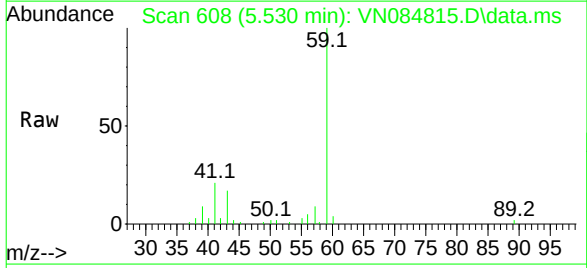
#11
Tert butyl alcohol
Concen: 210.411 ug/l
RT: 5.530 min Scan# 609
Delta R.T. 0.006 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 70720
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.2

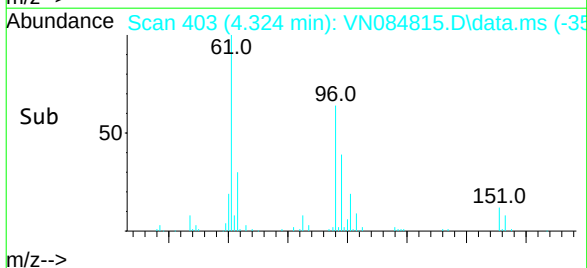
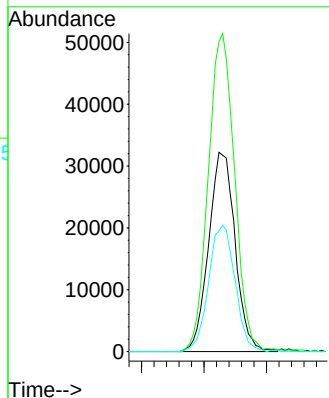
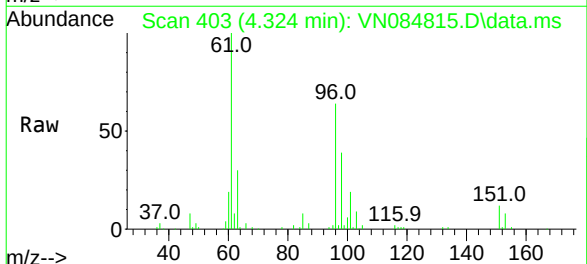
Manual Integrations
APPROVED

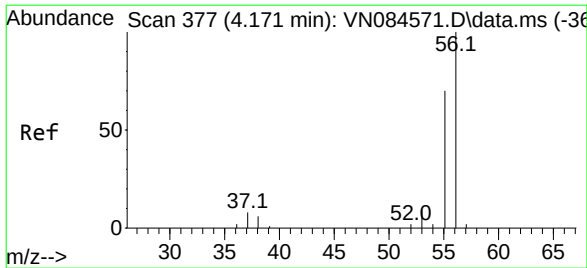
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#12
1,1-Dichloroethene
Concen: 47.347 ug/l
RT: 4.324 min Scan# 403
Delta R.T. -0.018 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

Tgt Ion: 96 Resp: 95055
Ion Ratio Lower Upper
96 100
61 155.5 128.6 192.8
98 60.6 51.7 77.5





#13

Acrolein

Concen: 195.496 ug/l

RT: 4.171 min Scan# 377

Delta R.T. -0.006 min

Lab File: VN084815.D

Acq: 13 Nov 2024 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 65521

Ion Ratio Lower Upper

56 100

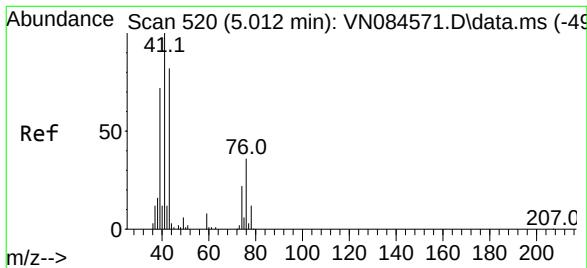
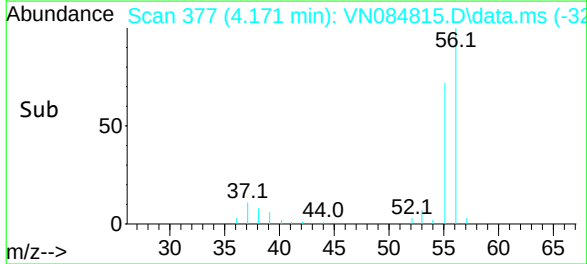
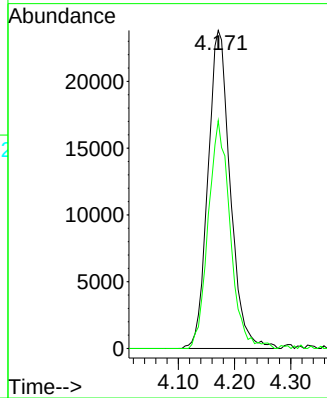
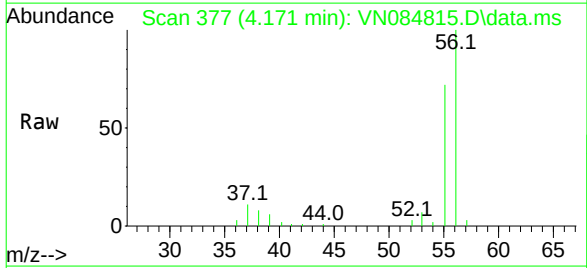
55 70.5 57.2 85.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2024

Supervised By :Mahesh Dadoda 11/14/2024



#14

Allyl chloride

Concen: 46.358 ug/l

RT: 5.012 min Scan# 520

Delta R.T. -0.012 min

Lab File: VN084815.D

Acq: 13 Nov 2024 09:52

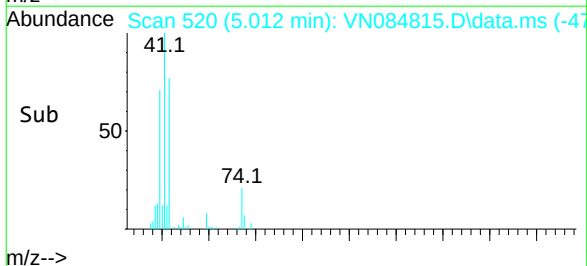
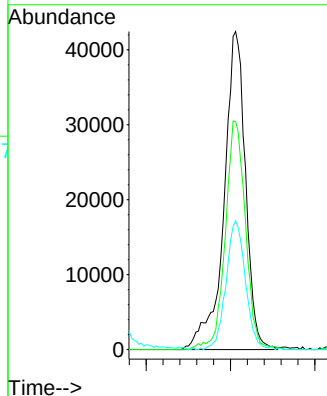
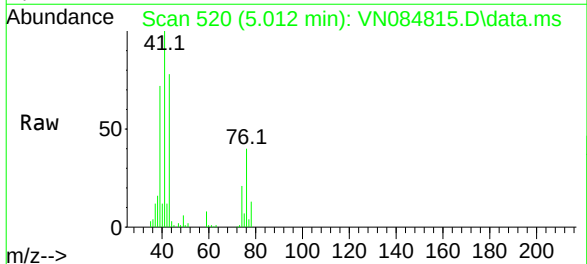
Tgt Ion: 41 Resp: 150935

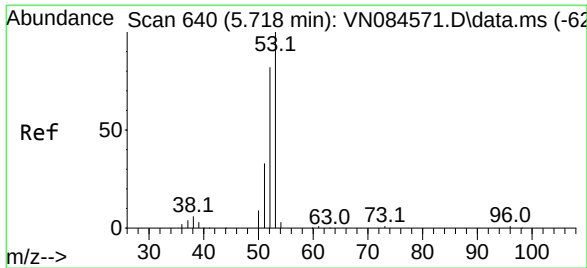
Ion Ratio Lower Upper

41 100

39 67.3 59.0 88.6

76 36.5 29.8 44.6





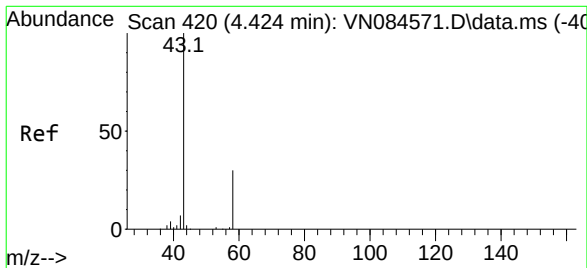
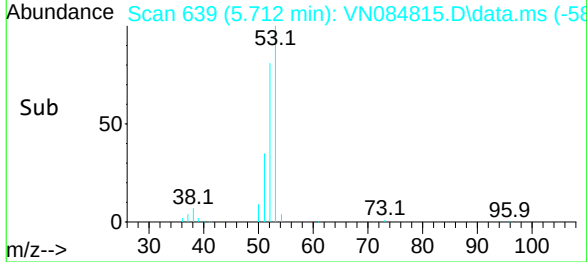
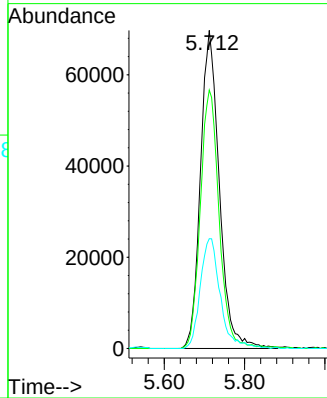
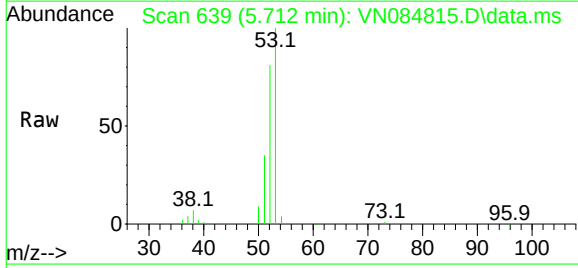
#15
Acrylonitrile
Concen: 233.755 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 227445
Ion Ratio Lower Upper
53 100
52 80.6 66.2 99.4
51 36.6 28.8 43.2

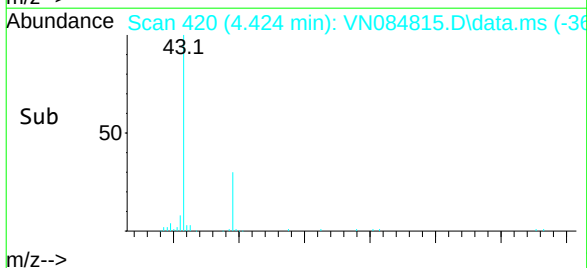
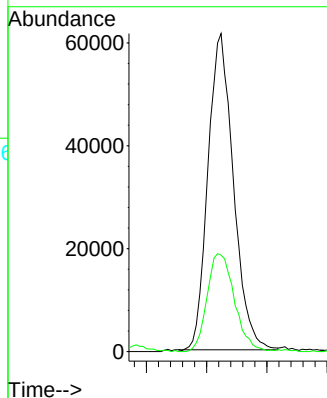
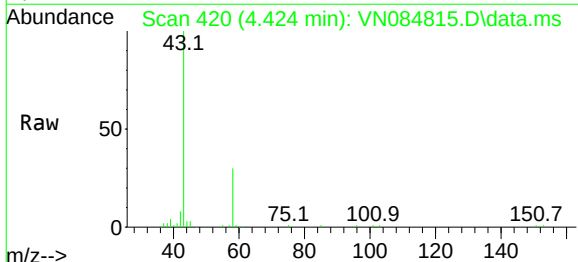
Manual Integrations
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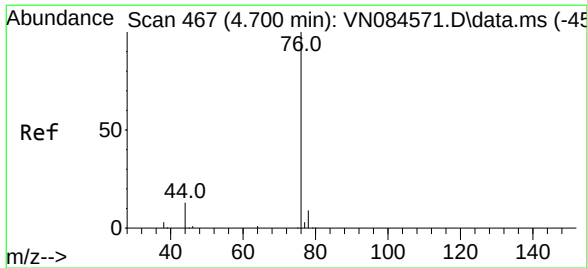
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#16
Acetone
Concen: 245.643 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

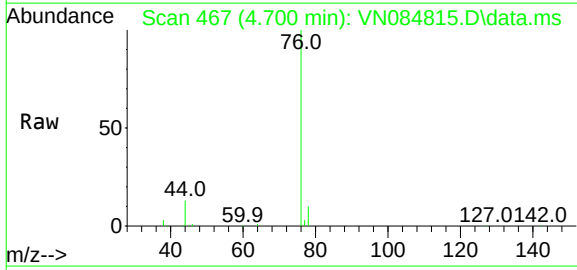
Tgt Ion: 43 Resp: 180714
Ion Ratio Lower Upper
43 100
58 30.5 24.4 36.6





#17
Carbon Disulfide
Concen: 43.666 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.012 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

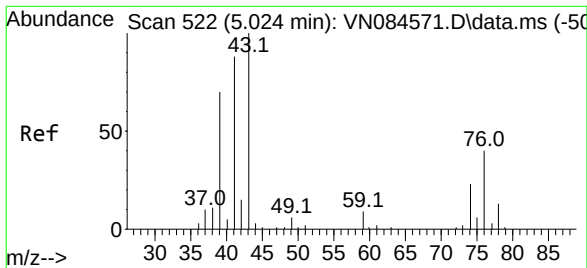
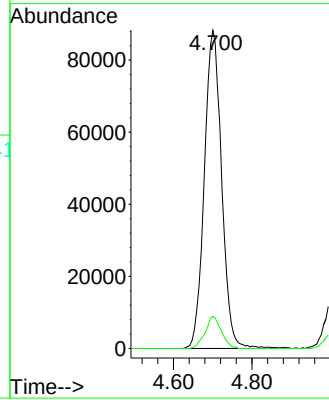
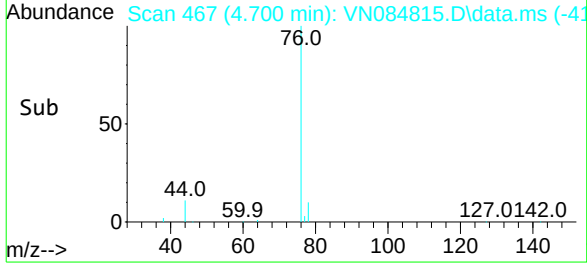
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



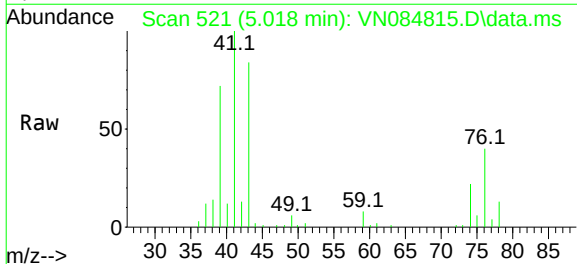
Tgt Ion: 76 Resp: 269968
Ion Ratio Lower Upper
76 100
78 10.1 7.3 10.9

Manual Integrations
APPROVED

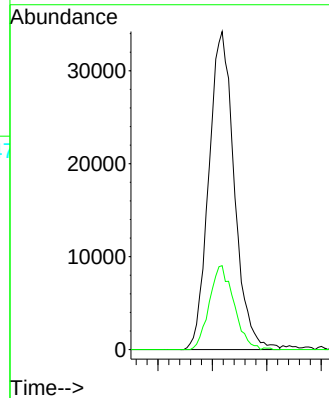
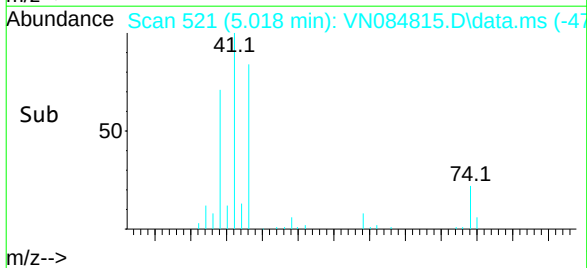
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024

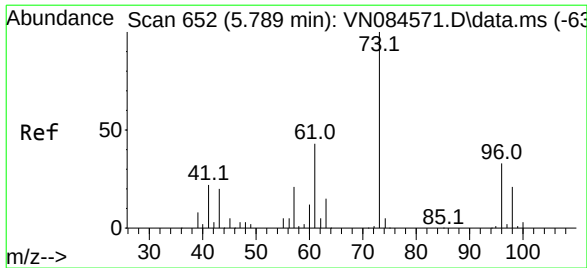


#18
Methyl Acetate
Concen: 40.630 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52



Tgt Ion: 43 Resp: 111174
Ion Ratio Lower Upper
43 100
74 25.5 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 51.574 ug/l

RT: 5.789 min Scan# 65

Delta R.T. -0.006 min

Lab File: VN084815.D

Acq: 13 Nov 2024 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 317360

Ion Ratio Lower Upper

73 100

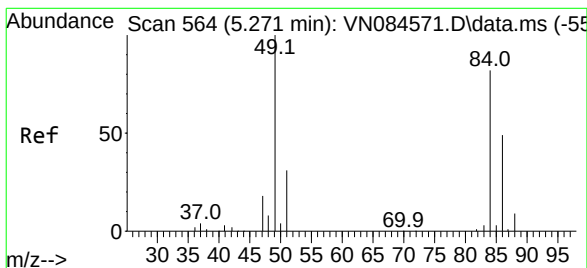
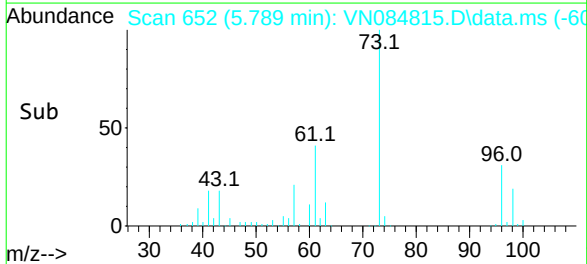
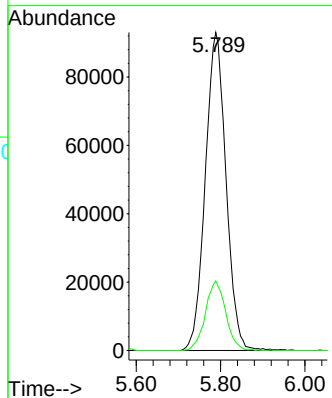
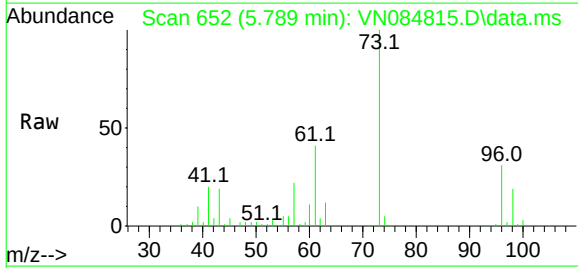
57 21.9 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2024

Supervised By :Mahesh Dadoda 11/14/2024



#20

Methylene Chloride

Concen: 47.246 ug/l

RT: 5.271 min Scan# 564

Delta R.T. -0.006 min

Lab File: VN084815.D

Acq: 13 Nov 2024 09:52

Tgt Ion: 84 Resp: 105808

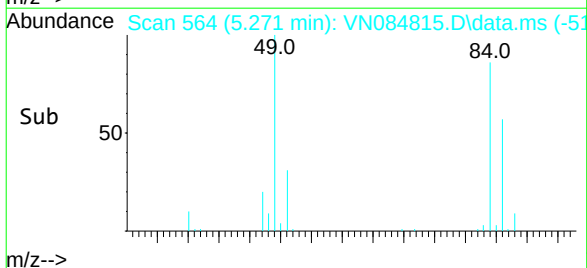
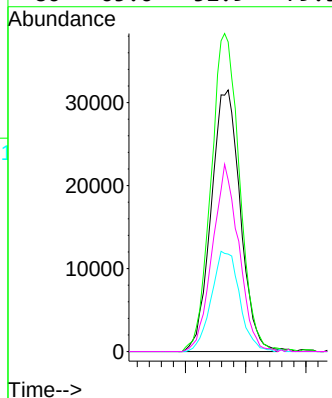
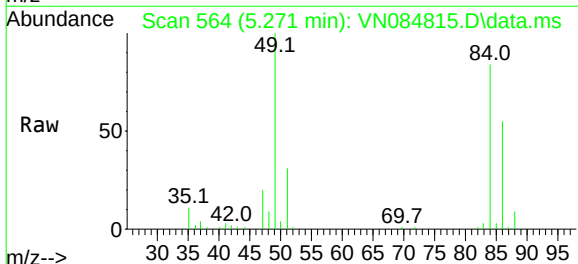
Ion Ratio Lower Upper

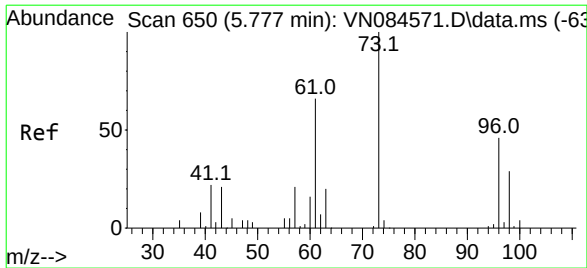
84 100

49 118.4 107.2 160.8

51 37.3 31.8 47.8

86 65.6 52.9 79.3





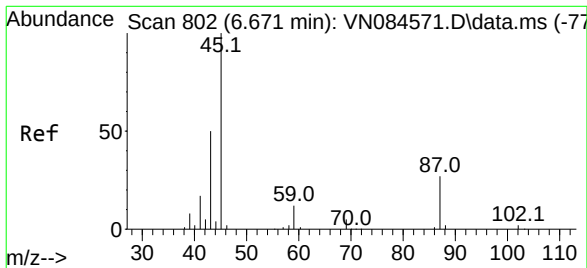
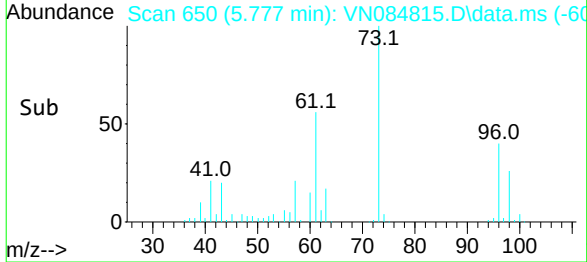
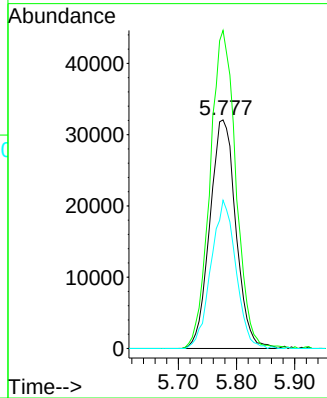
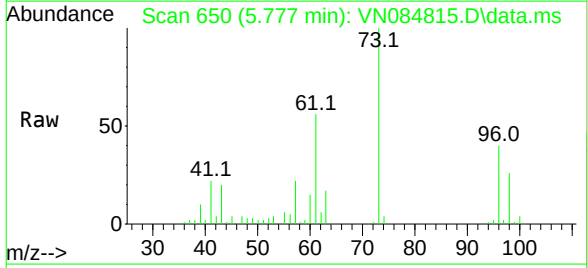
#21
trans-1,2-Dichloroethene
Concen: 48.368 ug/l
RT: 5.777 min Scan# 650
Delta R.T. -0.012 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 99711
Ion Ratio Lower Upper
96 100
61 139.1 108.4 162.6
98 64.8 49.8 74.8

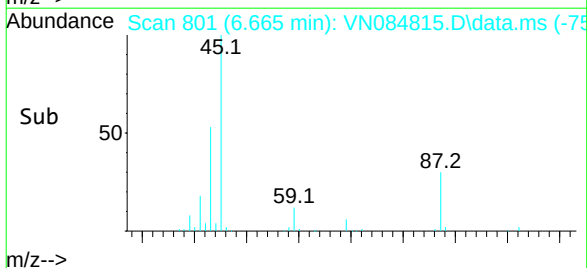
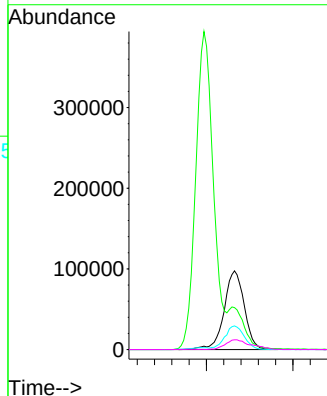
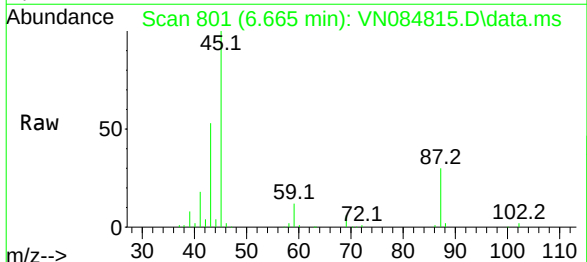
Manual Integrations
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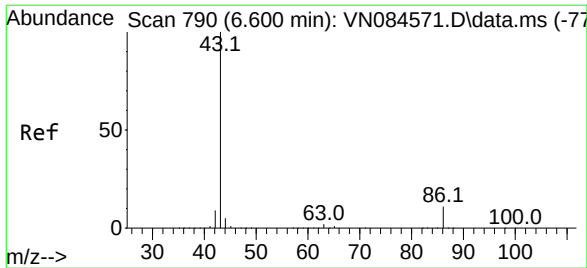
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#22
Diisopropyl ether
Concen: 48.685 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

Tgt Ion: 45 Resp: 314968
Ion Ratio Lower Upper
45 100
43 52.2 42.3 63.5
87 29.9 21.8 32.6
59 12.2 9.6 14.4





#23

Vinyl Acetate

Concen: 251.096 ug/l

RT: 6.594 min Scan# 78

Delta R.T. -0.006 min

Lab File: VN084815.D

Acq: 13 Nov 2024 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1120244

Ion Ratio Lower Upper

43 100

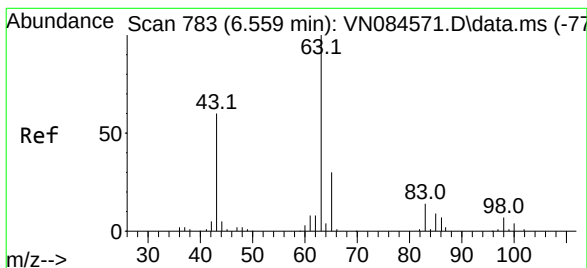
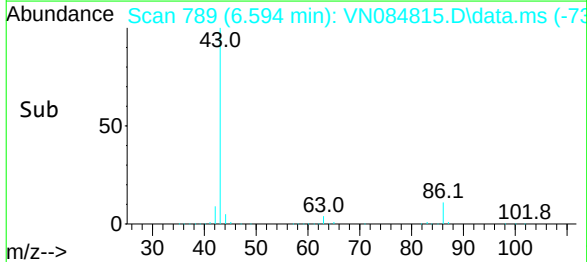
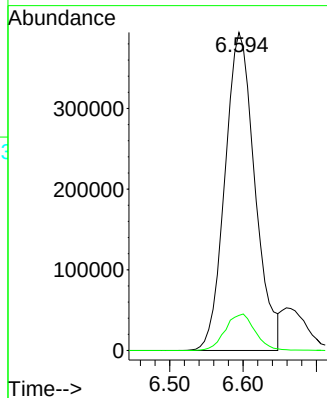
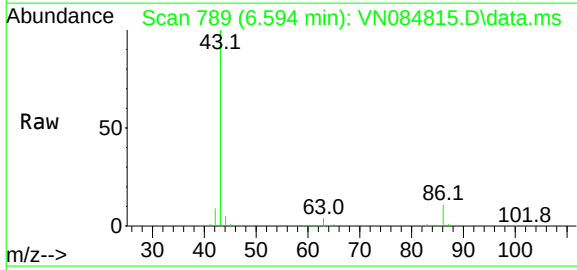
86 11.0 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2024

Supervised By :Mahesh Dadoda 11/14/2024



#24

1,1-Dichloroethane

Concen: 48.480 ug/l

RT: 6.559 min Scan# 783

Delta R.T. -0.012 min

Lab File: VN084815.D

Acq: 13 Nov 2024 09:52

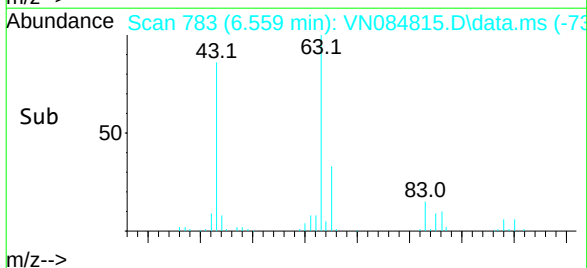
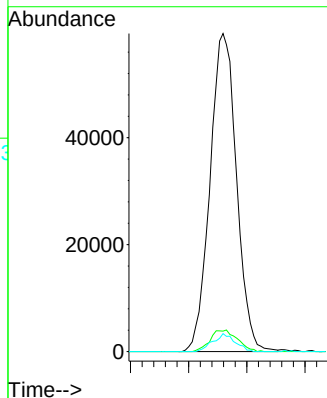
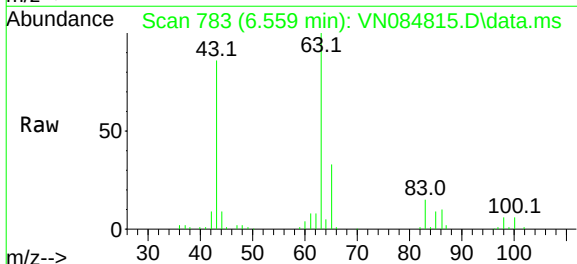
Tgt Ion: 63 Resp: 188301

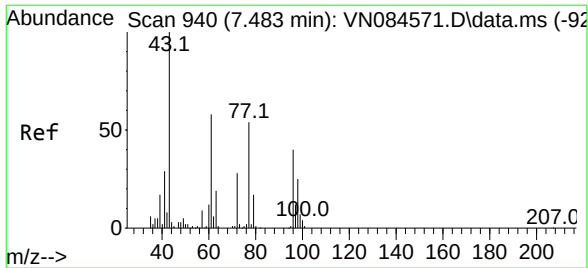
Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.2

100 5.6 2.0 5.8





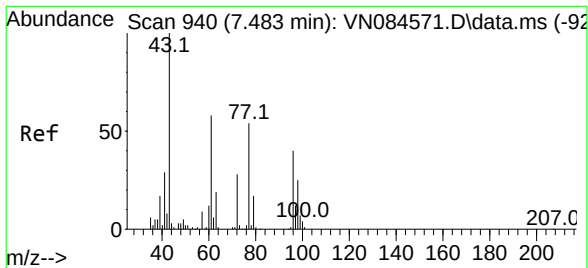
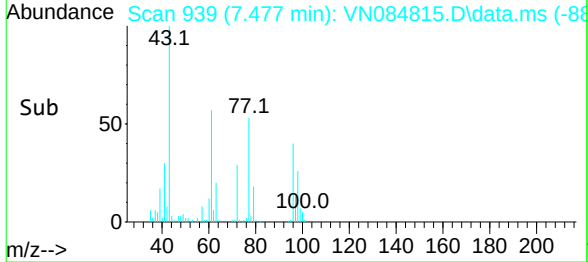
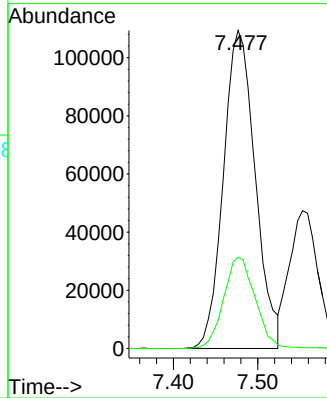
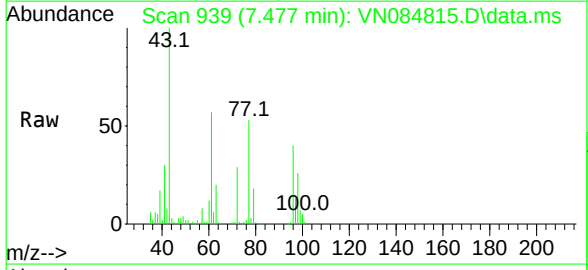
#25
2-Butanone
Concen: 241.222 ug/l
RT: 7.477 min Scan# 93
Delta R.T. -0.006 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 286555
Ion Ratio Lower Upper
43 100
72 28.7 21.4 32.2

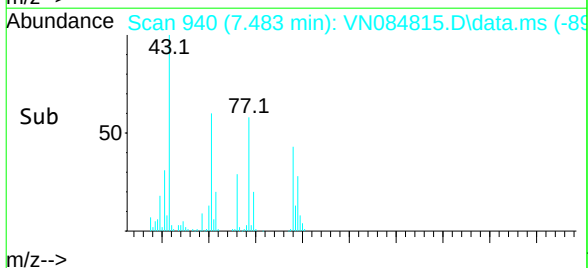
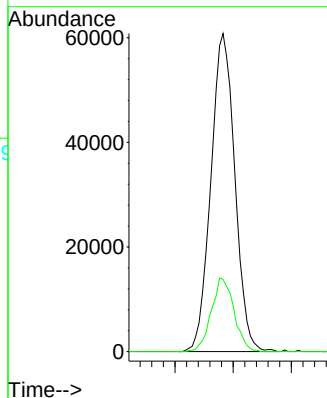
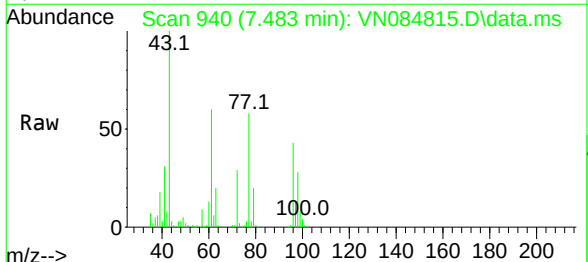
Manual Integrations
APPROVED

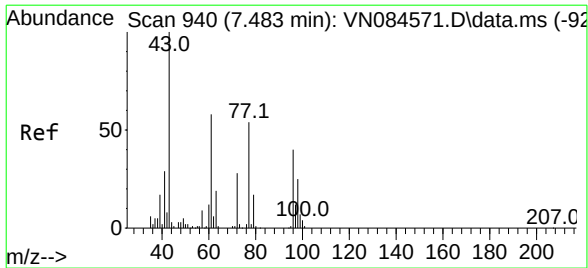
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#26
2,2-Dichloropropane
Concen: 51.462 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

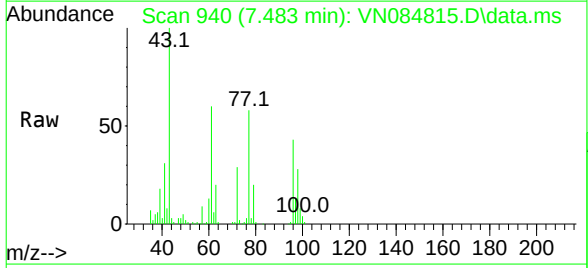
Tgt Ion: 77 Resp: 173974
Ion Ratio Lower Upper
77 100
97 21.9 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 49.303 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.006 min
 Lab File: VN084815.D
 Acq: 13 Nov 2024 09:52

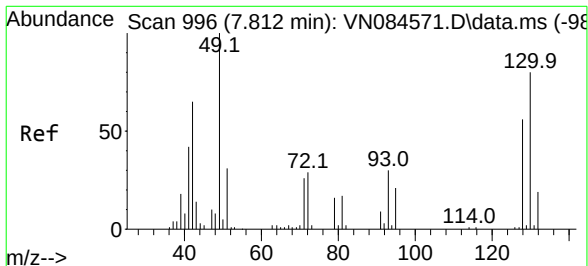
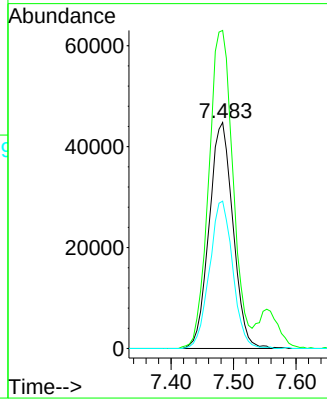
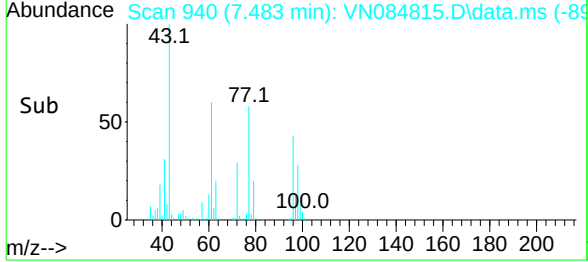
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 118677
 Ion Ratio Lower Upper
 96 100
 61 143.3 0.0 301.8
 98 63.7 0.0 128.2

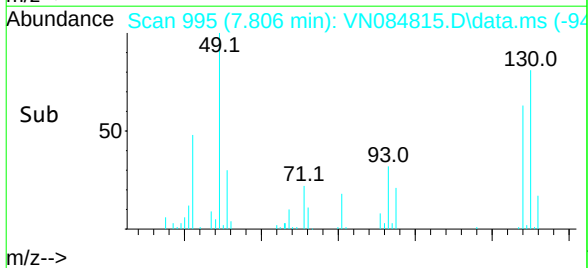
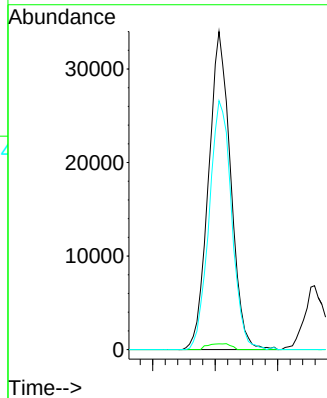
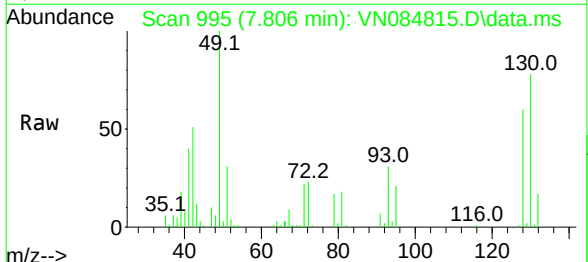
Manual Integrations
 APPROVED

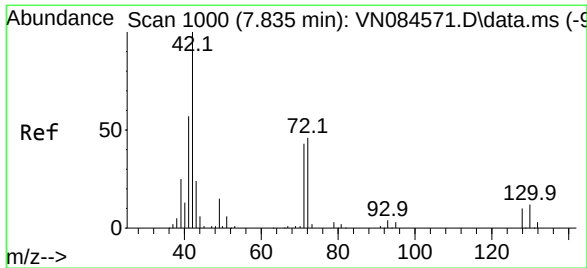
Reviewed By :John Carlone 11/14/2024
 Supervised By :Mahesh Dadoda 11/14/2024



#28
 Bromochloromethane
 Concen: 53.996 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: VN084815.D
 Acq: 13 Nov 2024 09:52

Tgt Ion: 49 Resp: 83558
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.6
 130 79.7 58.0 87.0





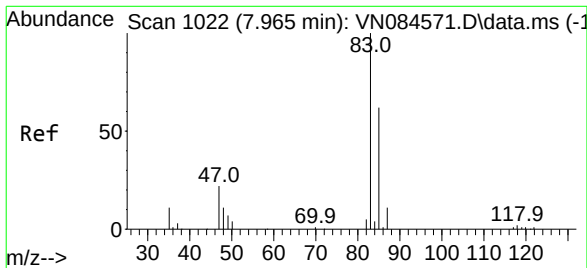
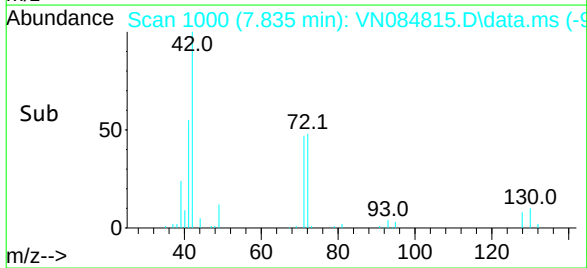
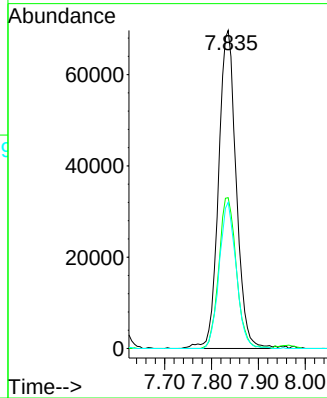
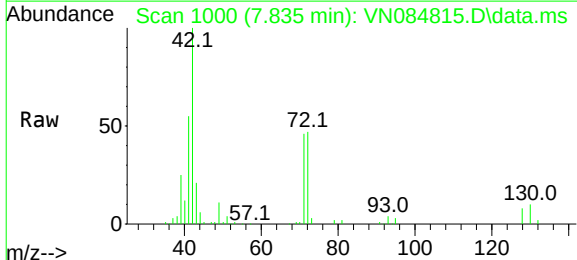
#29
Tetrahydrofuran
Concen: 231.465 ug/l
RT: 7.835 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 182415
Ion Ratio Lower Upper
42 100
72 47.1 34.6 51.8
71 44.2 32.2 48.4

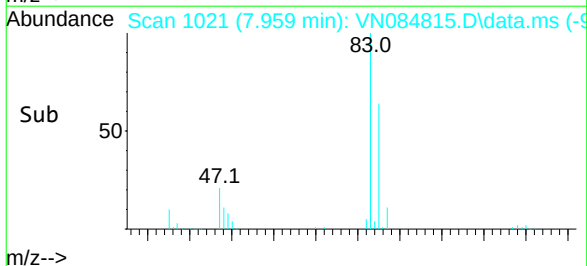
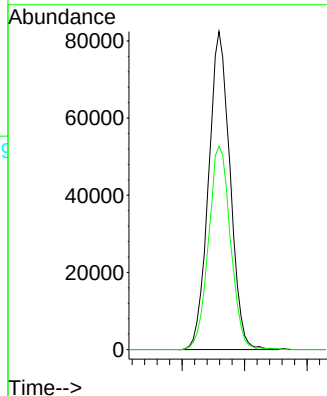
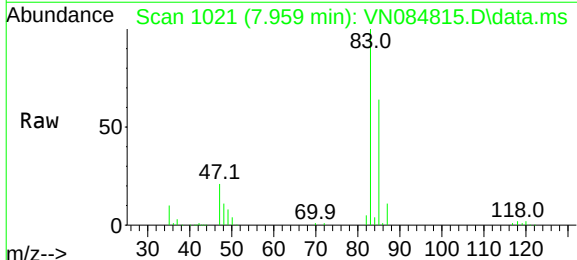
Manual Integrations
APPROVED

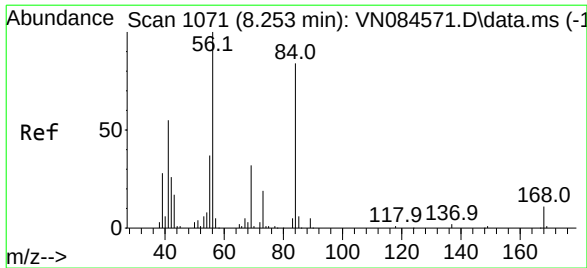
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#30
Chloroform
Concen: 49.768 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

Tgt Ion: 83 Resp: 196747
Ion Ratio Lower Upper
83 100
85 63.9 51.0 76.4





#31

Cyclohexane

Concen: 45.797 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VN084815.D

Acq: 13 Nov 2024 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

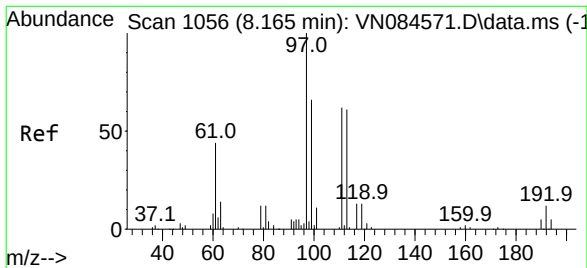
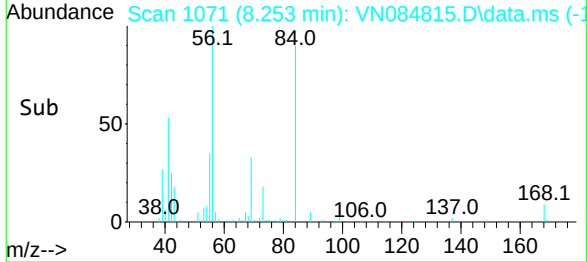
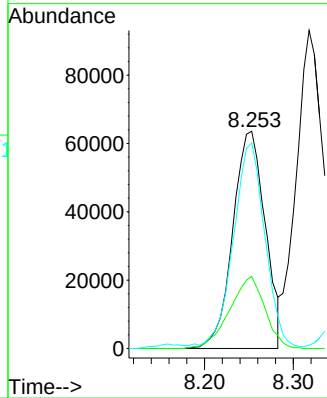
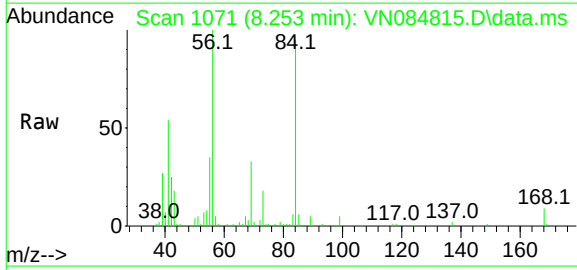
Tgt Ion:	56	Resp:	160995
Ion	Ratio	Lower	Upper
56	100		
69	33.2	23.8	35.6
84	93.0	68.8	103.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2024

Supervised By :Mahesh Dadoda 11/14/2024



#32

1,1,1-Trichloroethane

Concen: 50.675 ug/l

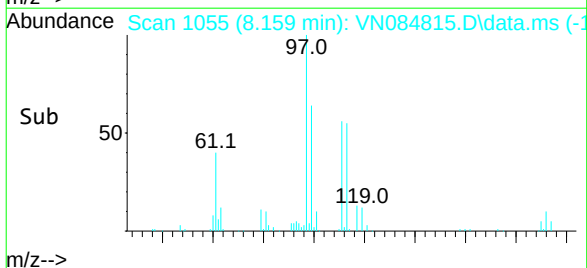
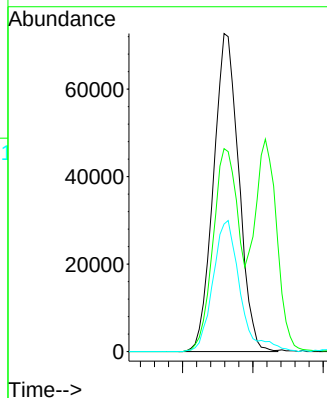
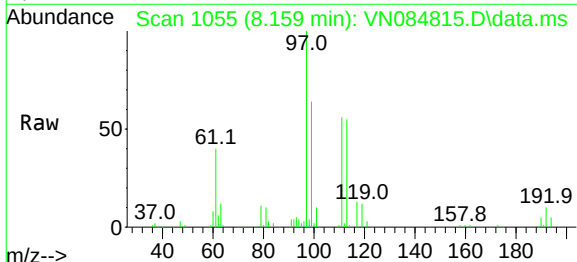
RT: 8.159 min Scan# 1055

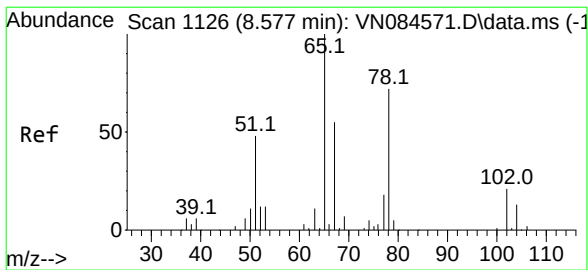
Delta R.T. -0.012 min

Lab File: VN084815.D

Acq: 13 Nov 2024 09:52

Tgt Ion:	97	Resp:	182339
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.2	76.8
61	43.9	37.5	56.3





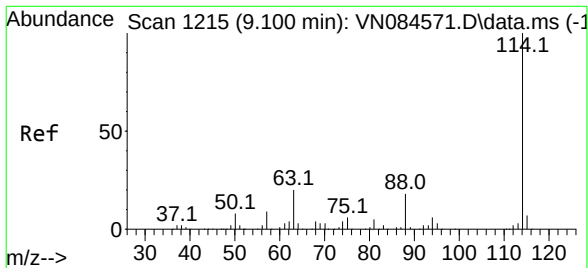
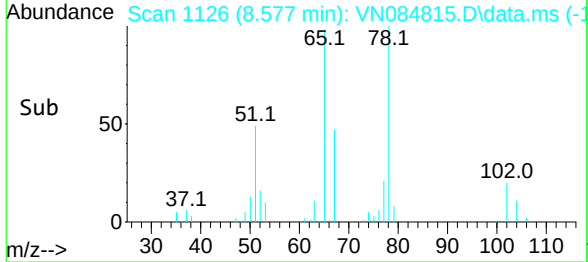
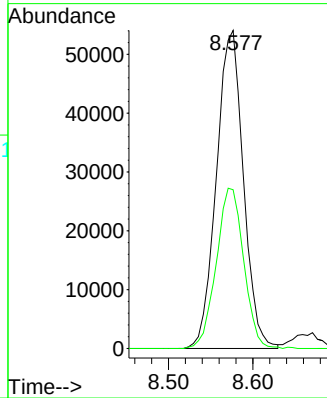
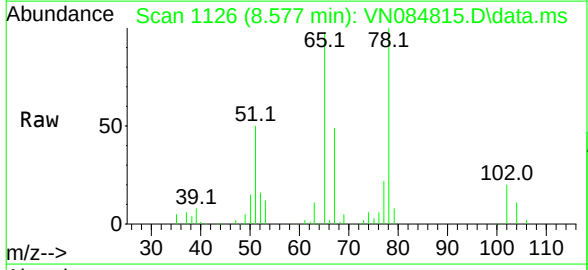
#33
1,2-Dichloroethane-d4
Concen: 47.169 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 120107
Ion Ratio Lower Upper
65 100
67 51.2 0.0 102.0

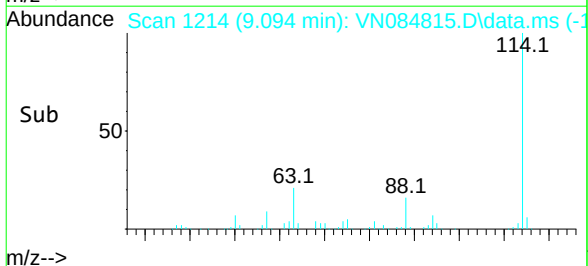
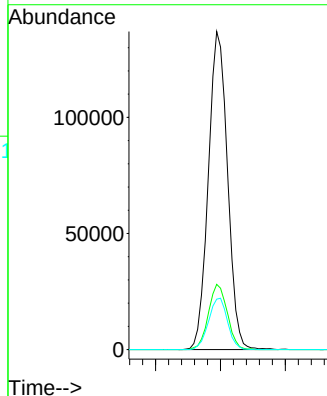
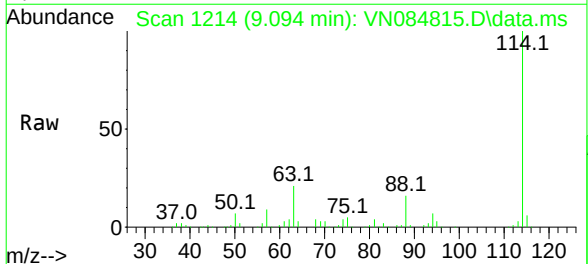
Manual Integrations
APPROVED

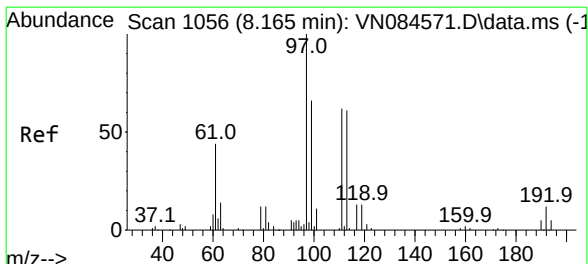
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

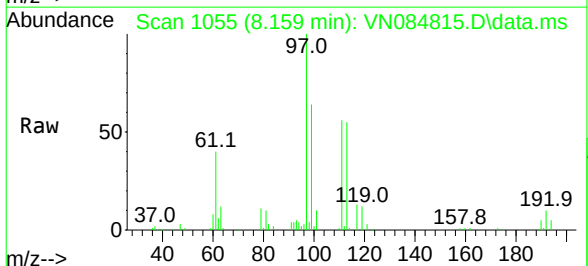
Tgt Ion:114 Resp: 281546
Ion Ratio Lower Upper
114 100
63 20.5 0.0 43.8
88 15.9 0.0 31.6





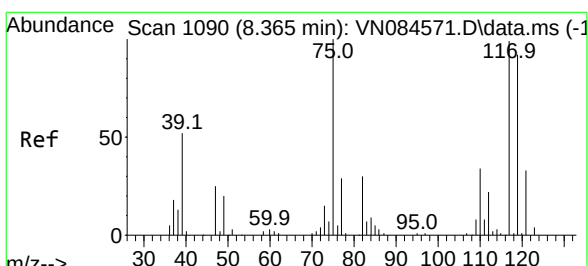
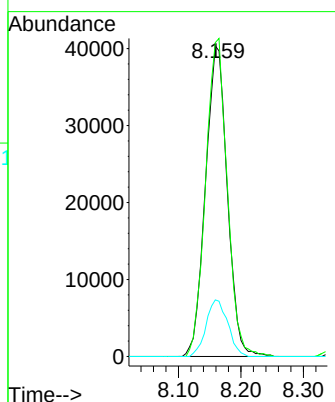
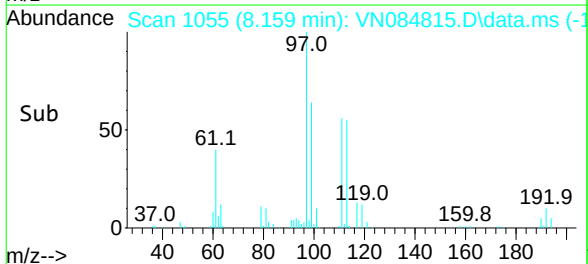
#35
 Dibromofluoromethane
 Concen: 51.402 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VN084815.D
 Acq: 13 Nov 2024 09:52

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050



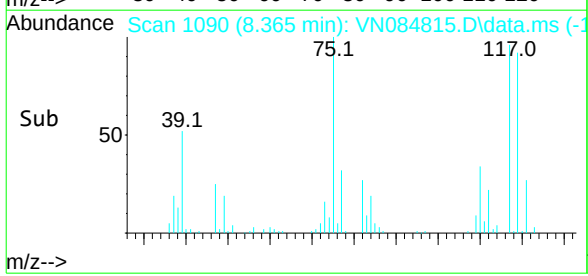
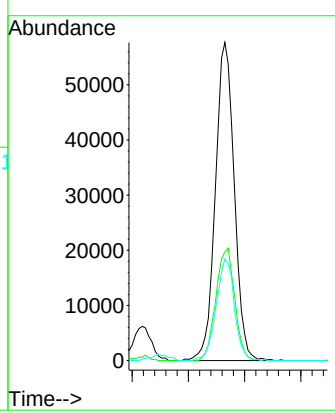
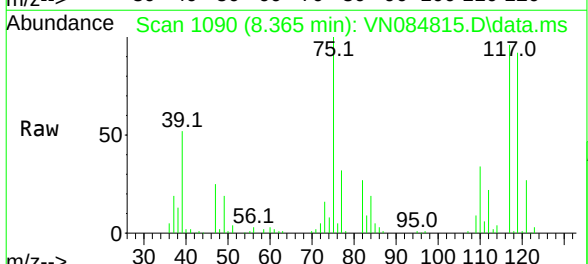
Tgt Ion:	113	Resp:	97958
Ion	Ratio	Lower	Upper
113	100		
111	101.5	83.3	124.9
192	18.1	13.5	20.3

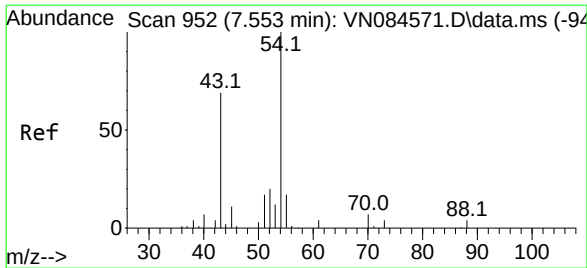
Manual Integrations
APPROVED
 Reviewed By :John Carlone 11/14/2024
 Supervised By :Mahesh Dadoda 11/14/2024



#36
 1,1-Dichloropropene
 Concen: 50.960 ug/l
 RT: 8.365 min Scan# 1090
 Delta R.T. -0.006 min
 Lab File: VN084815.D
 Acq: 13 Nov 2024 09:52

Tgt Ion:	75	Resp:	134688
Ion	Ratio	Lower	Upper
75	100		
110	35.3	16.9	50.7
77	31.1	24.7	37.1





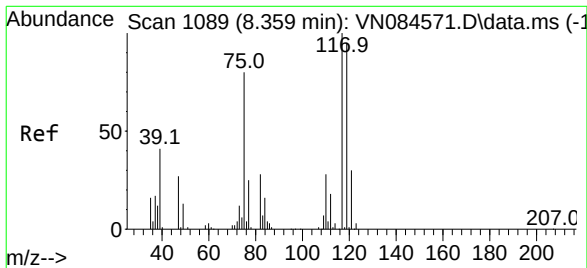
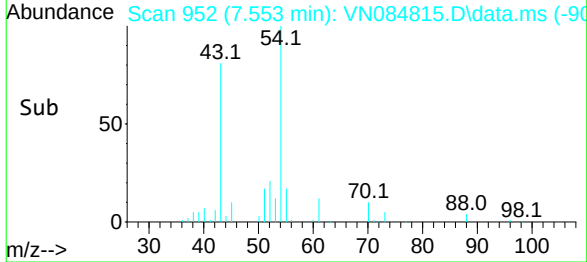
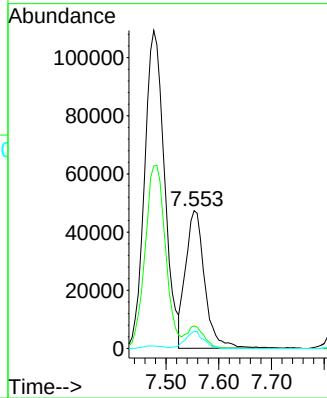
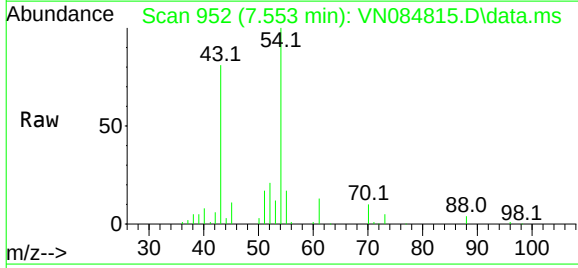
#37
Ethyl Acetate
Concen: 49.347 ug/l
RT: 7.553 min Scan# 952
Delta R.T. -0.006 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 118334
Ion Ratio Lower Upper
43 100
61 15.2 10.7 16.1
70 11.9 8.8 13.2

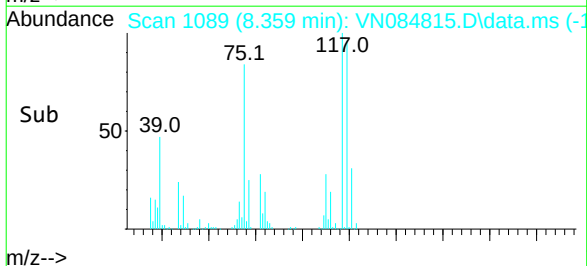
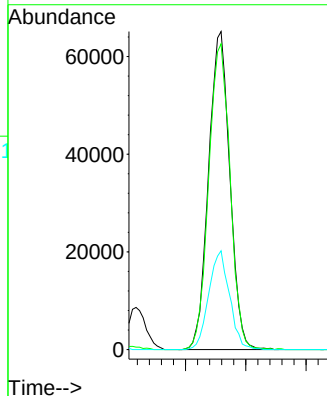
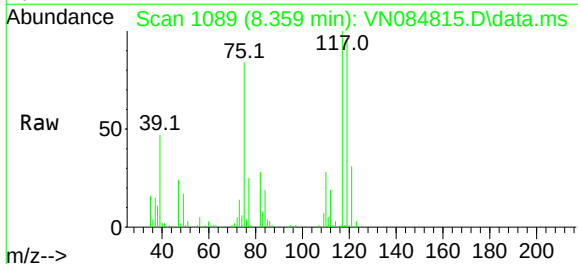
Manual Integrations
APPROVED

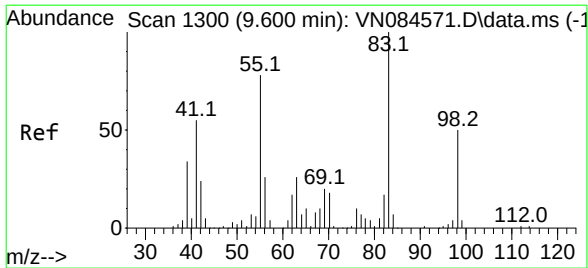
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#38
Carbon Tetrachloride
Concen: 54.005 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

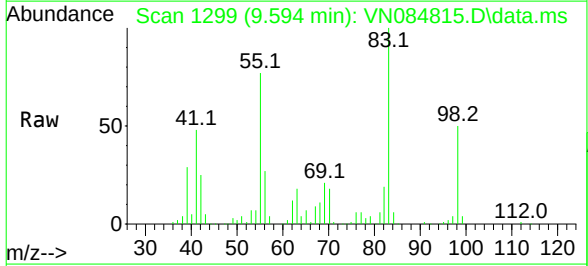
Tgt Ion:117 Resp: 159542
Ion Ratio Lower Upper
117 100
119 96.2 78.7 118.1
121 31.1 24.4 36.6





#39
Methylcyclohexane
Concen: 57.062 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

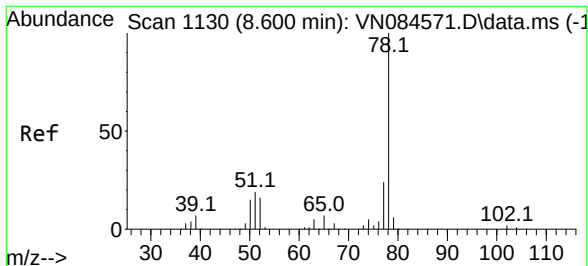
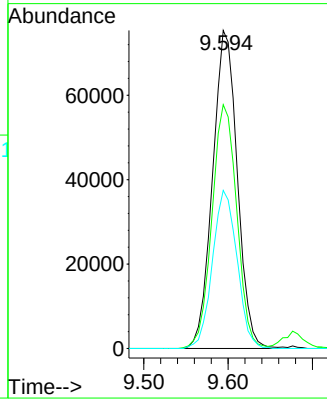
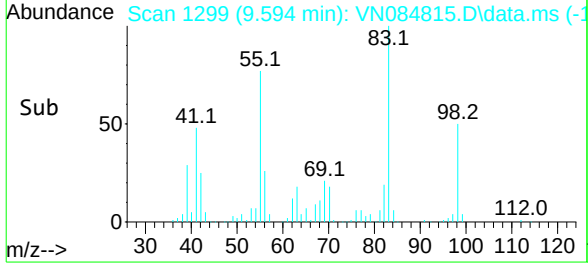
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 153429
Ion Ratio Lower Upper
83 100
55 76.6 62.8 94.2
98 49.7 38.8 58.2

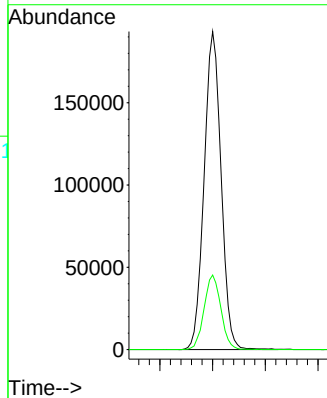
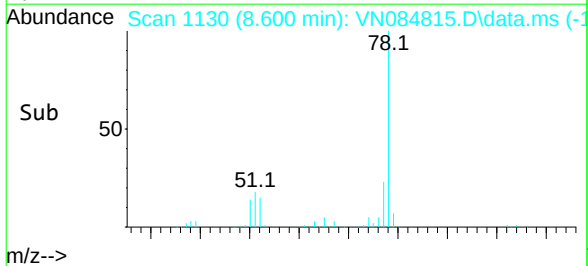
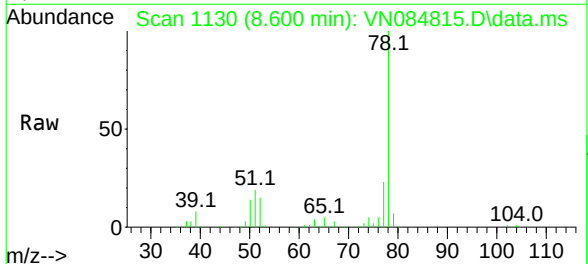
Manual Integrations
APPROVED

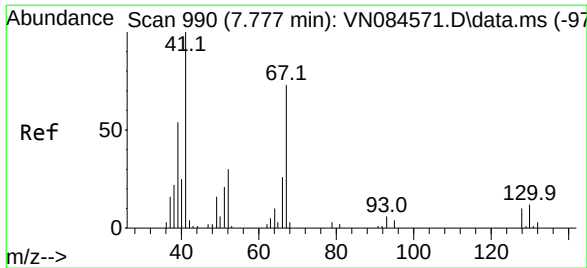
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#40
Benzene
Concen: 50.902 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

Tgt Ion: 78 Resp: 432055
Ion Ratio Lower Upper
78 100
77 23.4 19.1 28.7





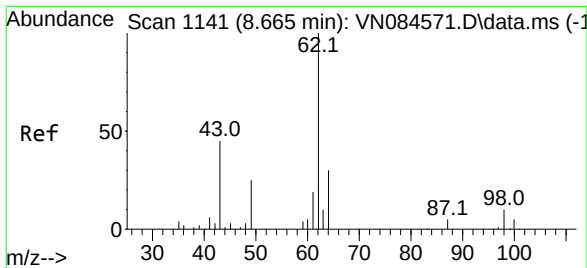
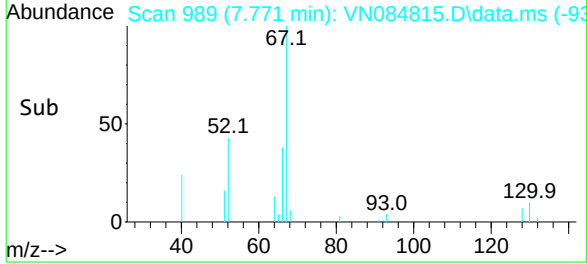
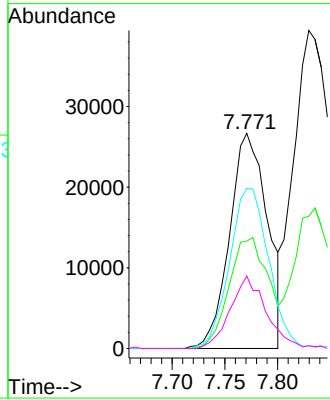
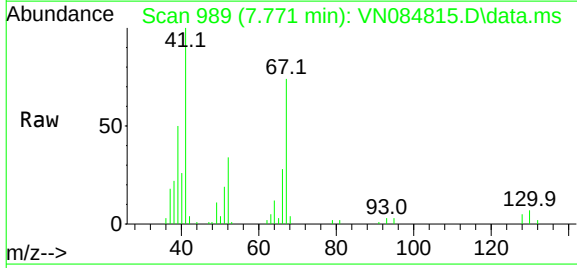
#41
Methacrylonitrile
Concen: 51.598 ug/l
RT: 7.771 min Scan# 98
Delta R.T. -0.006 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	66538
Ion	Ratio	Lower	Upper
41	100		
39	53.2	43.3	64.9
67	77.4	56.1	84.1
52	32.2	24.5	36.7

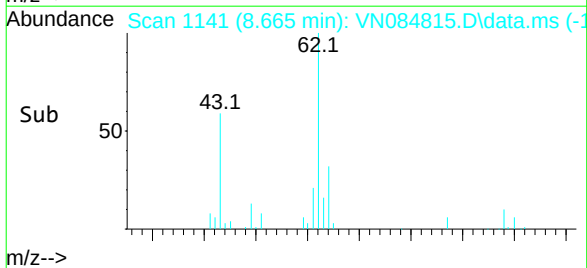
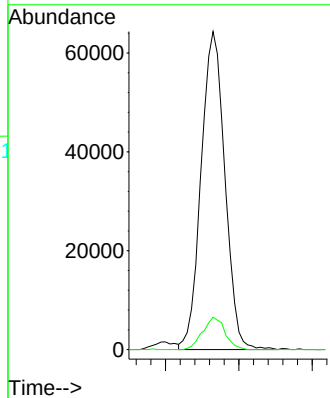
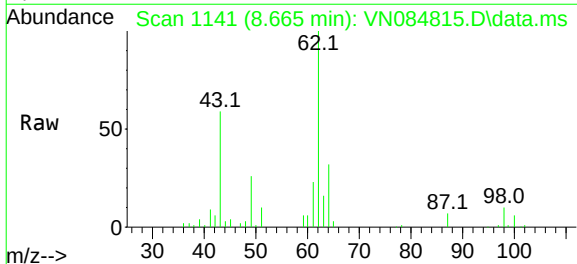
Manual Integrations
APPROVED

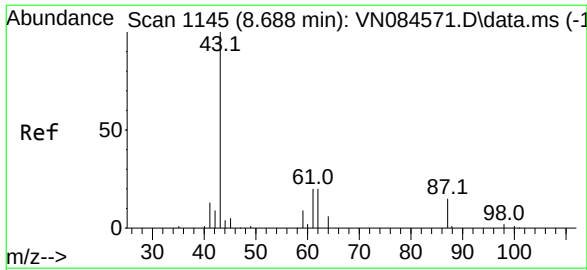
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#42
1,2-Dichloroethane
Concen: 52.752 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

Tgt Ion:	62	Resp:	145008
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.2





#43

Isopropyl Acetate

Concen: 48.114 ug/l

RT: 8.682 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN084815.D

Acq: 13 Nov 2024 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 213313

Ion Ratio Lower Upper

43 100

61 26.8 20.4 30.6

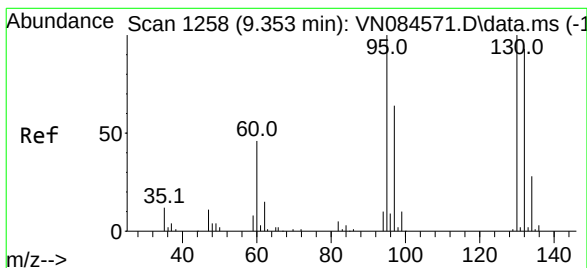
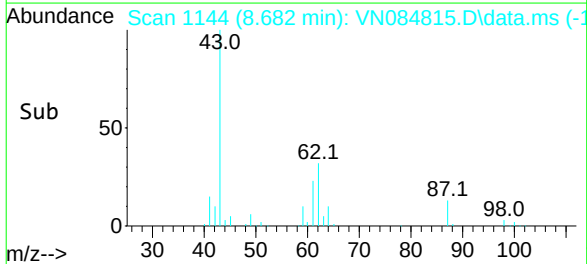
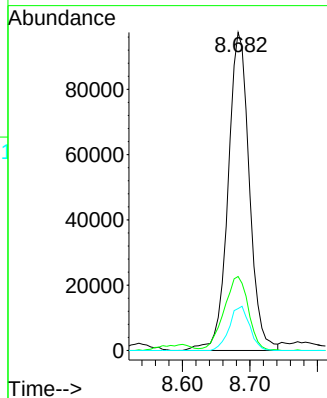
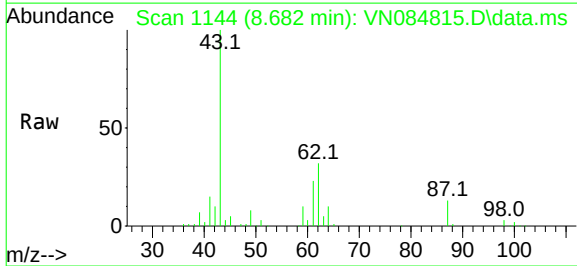
87 13.3 10.3 15.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2024

Supervised By :Mahesh Dadoda 11/14/2024



#44

Trichloroethene

Concen: 51.308 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. 0.000 min

Lab File: VN084815.D

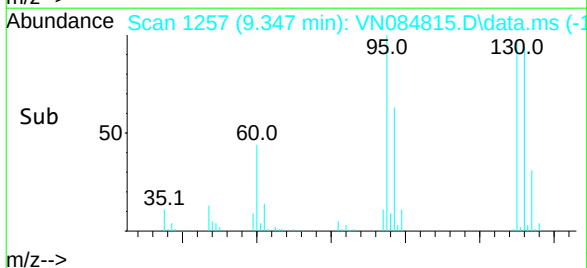
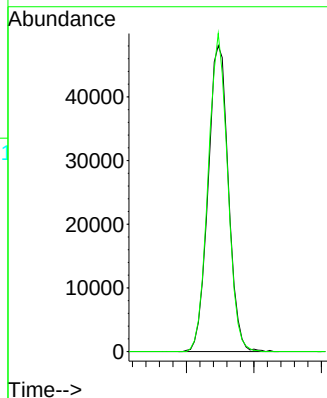
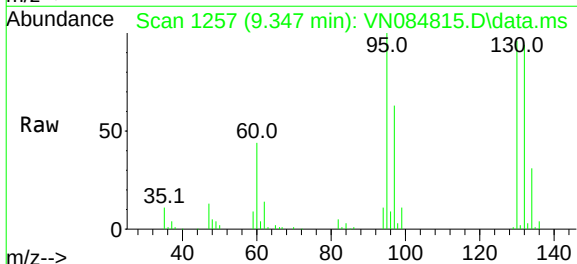
Acq: 13 Nov 2024 09:52

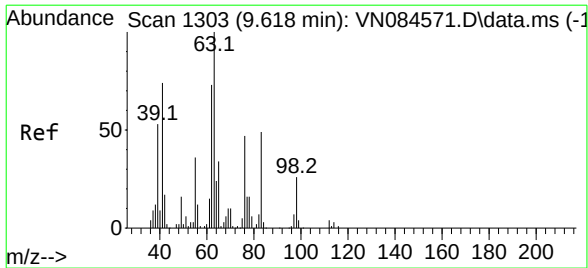
Tgt Ion:130 Resp: 100437

Ion Ratio Lower Upper

130 100

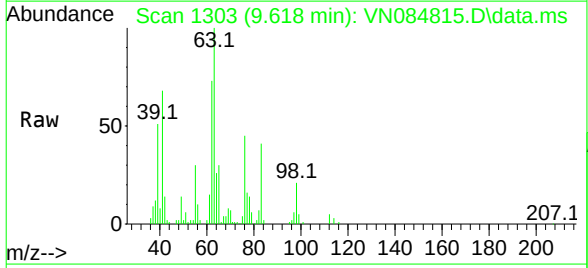
95 104.0 0.0 203.0





#45
1,2-Dichloropropane
Concen: 52.053 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

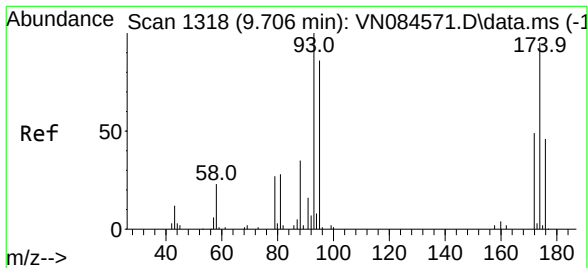
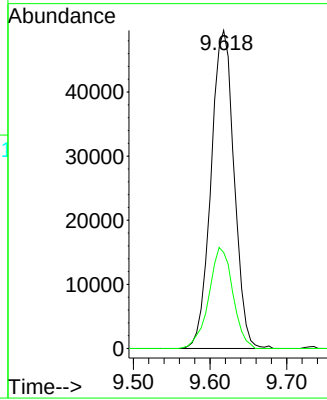
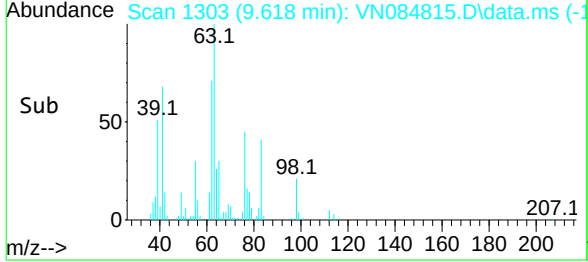
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 63 Resp: 103643
Ion Ratio Lower Upper
63 100
65 30.2 24.6 37.0

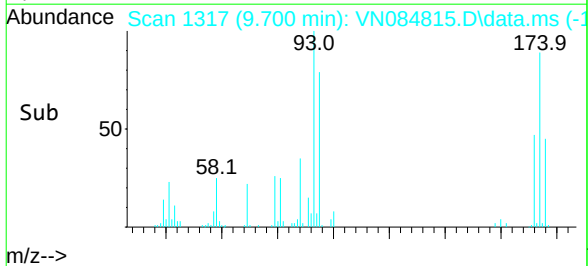
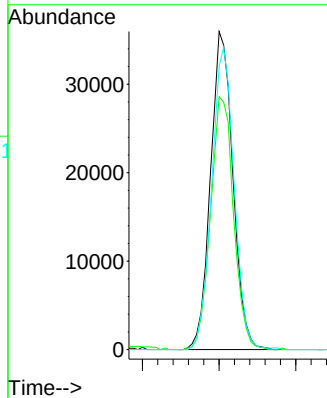
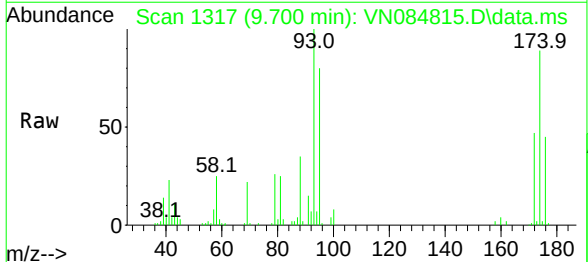
Manual Integrations
APPROVED

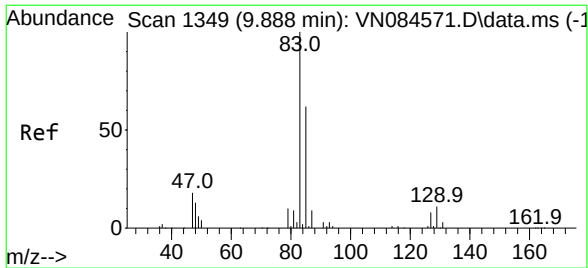
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#46
Dibromomethane
Concen: 51.831 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

Tgt Ion: 93 Resp: 72822
Ion Ratio Lower Upper
93 100
95 81.5 65.0 97.4
174 95.4 71.8 107.8





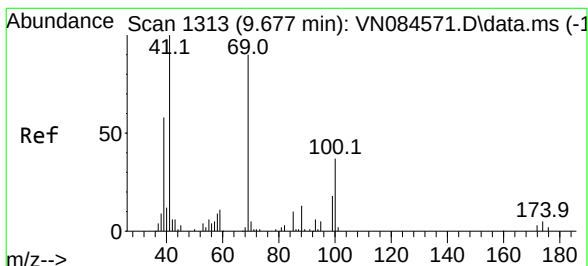
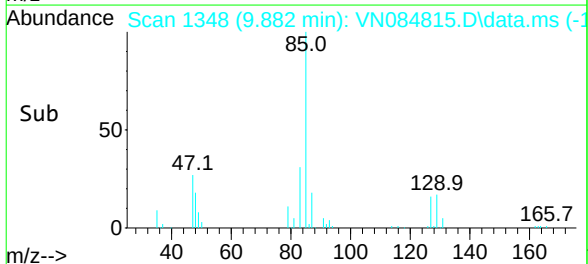
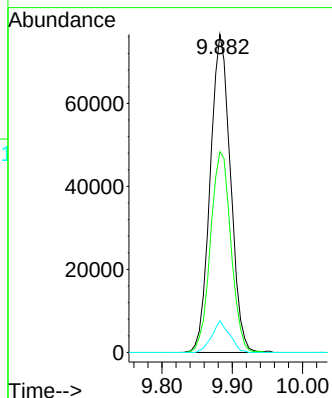
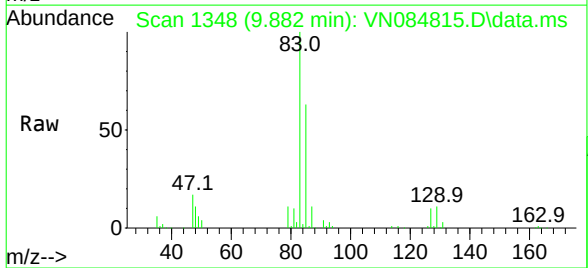
#47
Bromodichloromethane
Concen: 51.777 ug/l
RT: 9.882 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050

Tgt Ion: 83 Resp: 153343
Ion Ratio Lower Upper
83 100
85 63.1 51.5 77.3
127 10.0 5.7 8.5

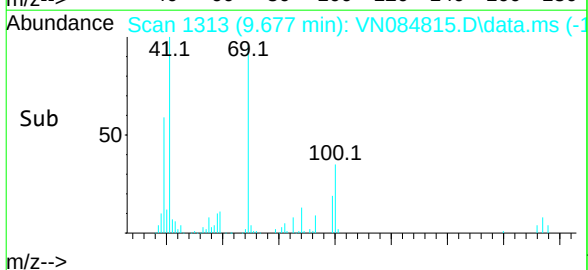
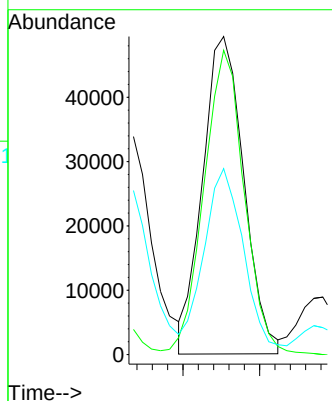
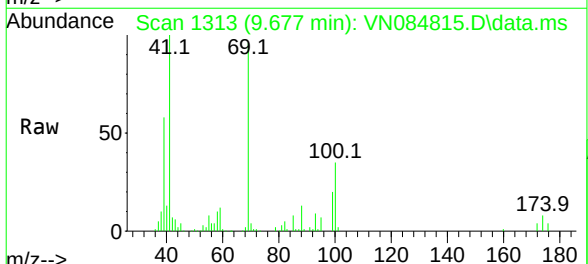
Manual Integrations
APPROVED

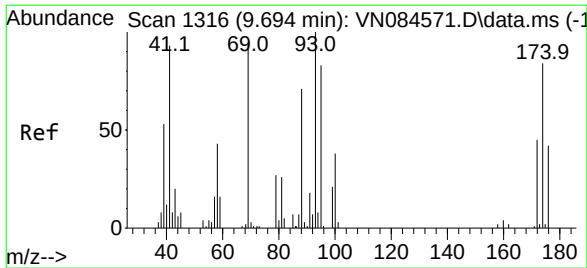
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#48
Methyl methacrylate
Concen: 49.357 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

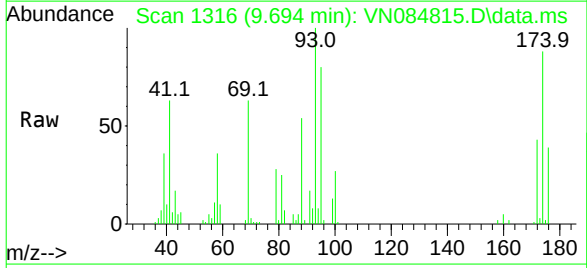
Tgt Ion: 41 Resp: 92115
Ion Ratio Lower Upper
41 100
69 94.0 67.1 100.7
39 57.6 45.8 68.6





#49
1,4-Dioxane
Concen: 998.496 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

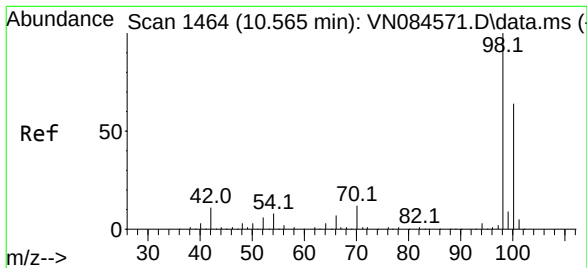
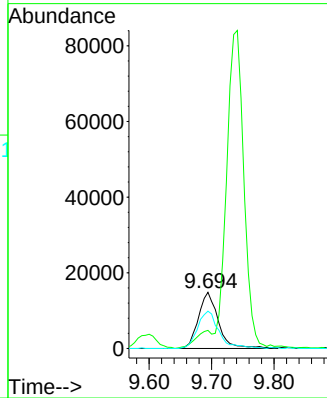
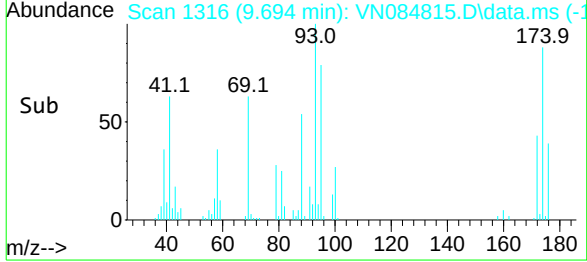
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 33022
Ion Ratio Lower Upper
88 100
43 0.0 25.3 37.9#
58 70.7 56.4 84.6

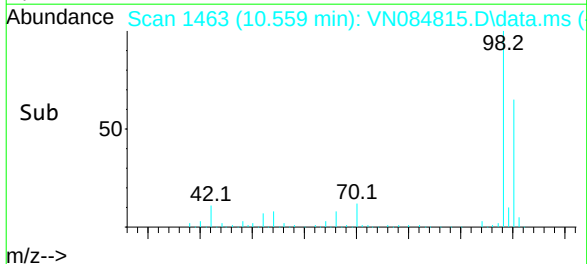
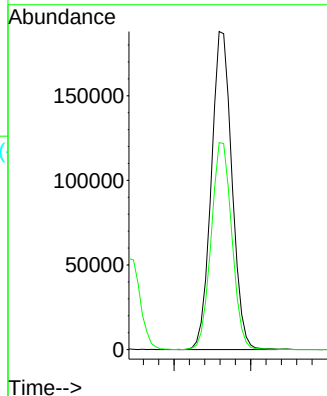
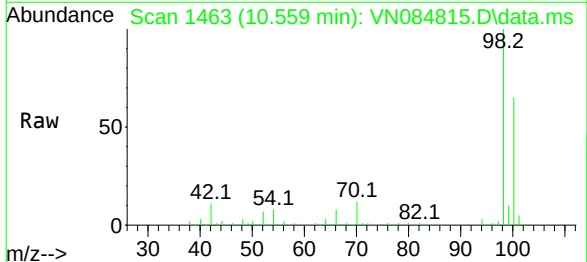
Manual Integrations
APPROVED

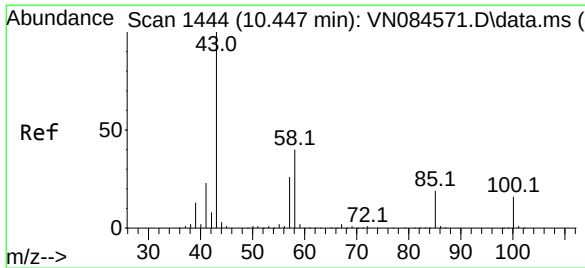
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#50
Toluene-d8
Concen: 50.021 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. -0.006 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

Tgt Ion: 98 Resp: 351154
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1





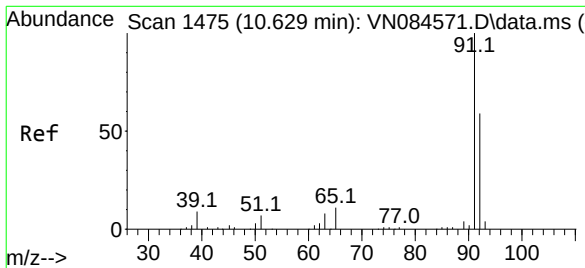
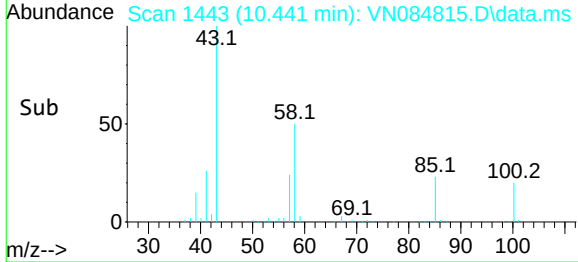
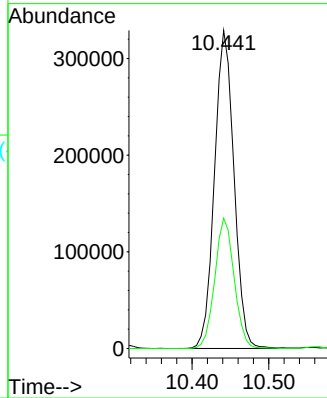
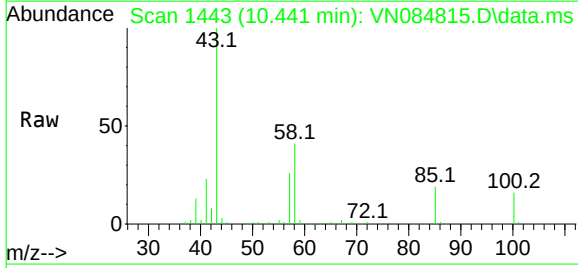
#51
4-Methyl-2-Pentanone
Concen: 253.954 ug/l
RT: 10.441 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 580539
Ion Ratio Lower Upper
43 100
58 40.7 31.6 47.4

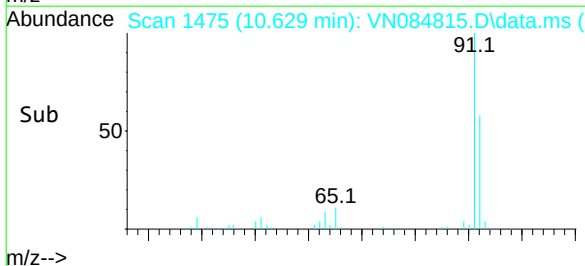
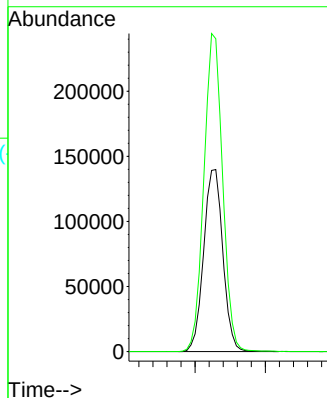
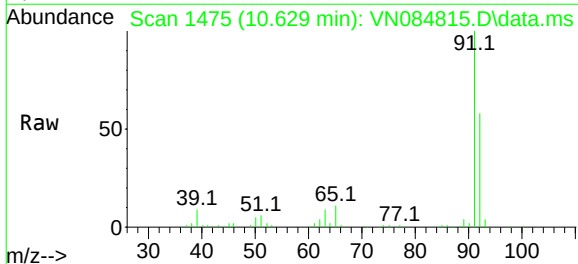
Manual Integrations
APPROVED

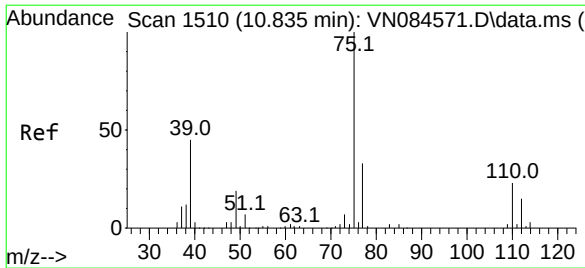
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#52
Toluene
Concen: 53.439 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

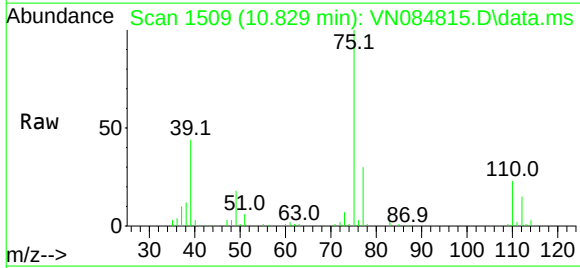
Tgt Ion: 92 Resp: 265281
Ion Ratio Lower Upper
92 100
91 170.4 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 50.111 ug/l
RT: 10.829 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

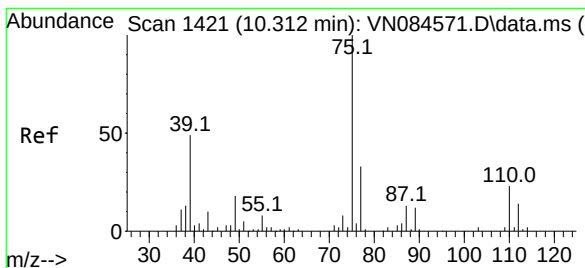
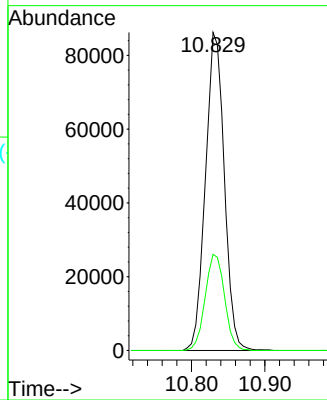
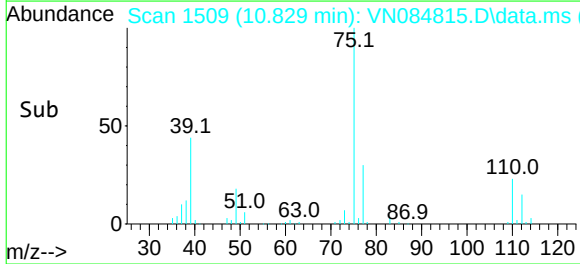
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



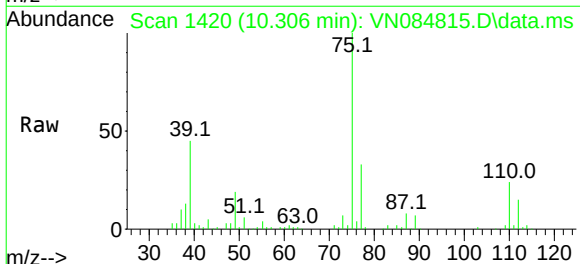
Tgt Ion: 75 Resp: 153620
Ion Ratio Lower Upper
75 100
77 30.2 25.4 38.0

Manual Integrations
APPROVED

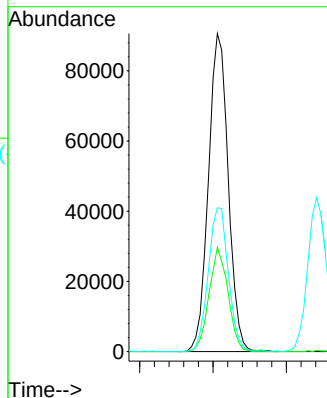
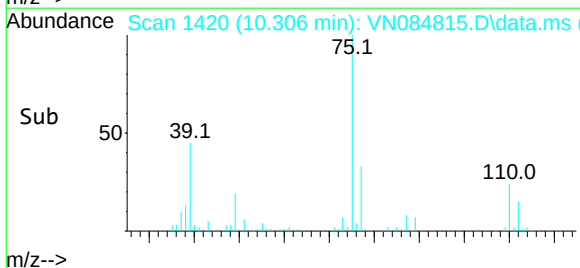
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024

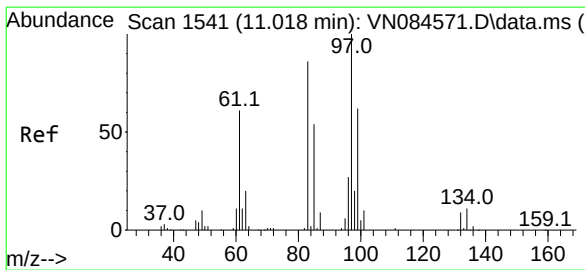


#54
cis-1,3-Dichloropropene
Concen: 52.361 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52



Tgt Ion: 75 Resp: 169890
Ion Ratio Lower Upper
75 100
77 32.8 24.2 36.2
39 45.2 38.7 58.1





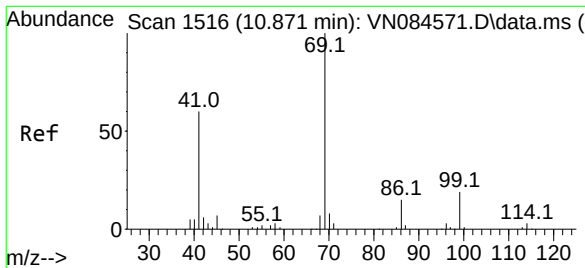
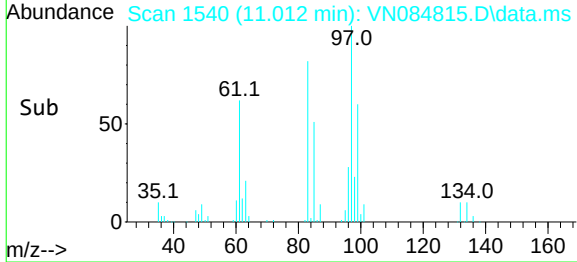
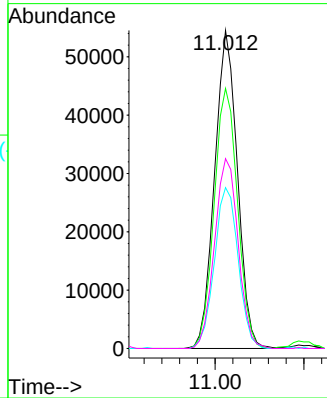
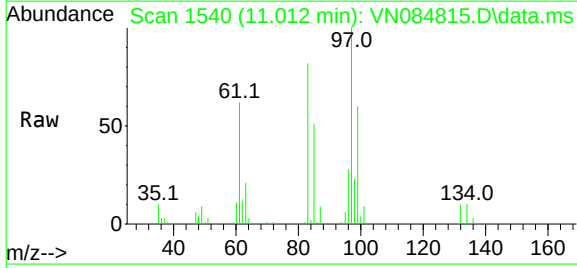
#55
1,1,2-Trichloroethane
Concen: 51.963 ug/l
RT: 11.012 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	97	Resp:	97167
Ion	Ratio	Lower	Upper
97	100		
83	81.7	71.0	106.4
85	50.6	41.7	62.5
99	59.7	50.1	75.1

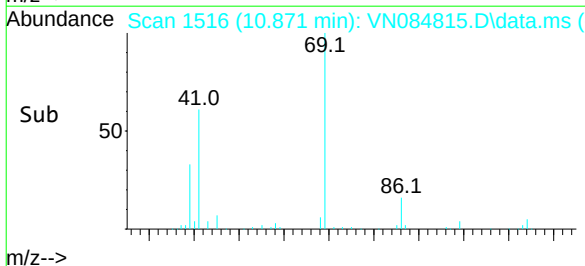
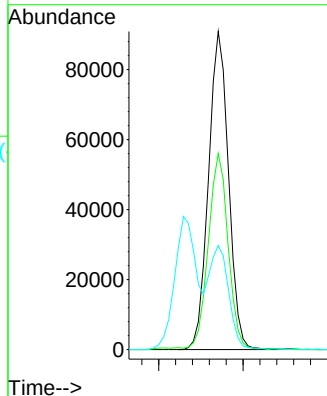
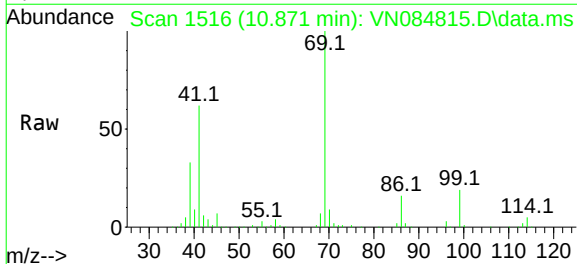
Manual Integrations
APPROVED

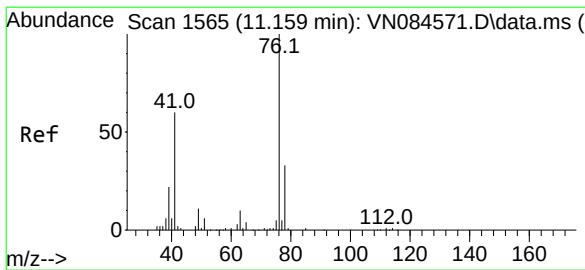
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#56
Ethyl methacrylate
Concen: 55.371 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

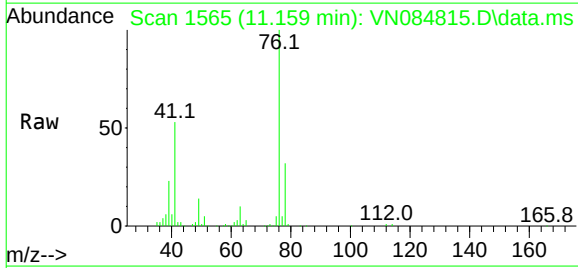
Tgt Ion:	69	Resp:	149768
Ion	Ratio	Lower	Upper
69	100		
41	61.7	53.3	79.9
39	32.3	28.8	43.2





#57
1,3-Dichloropropane
Concen: 52.330 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

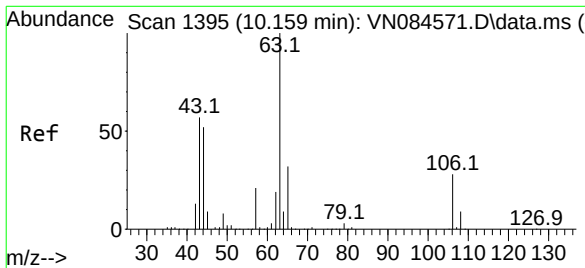
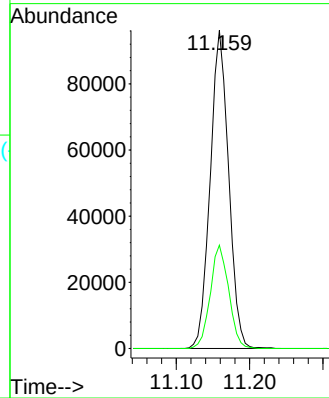
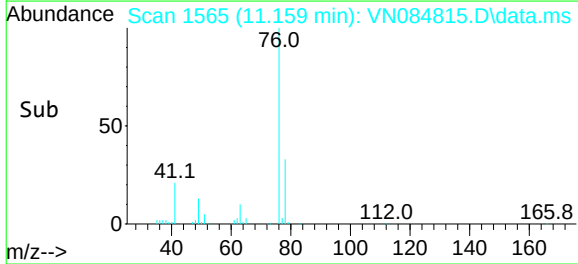
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



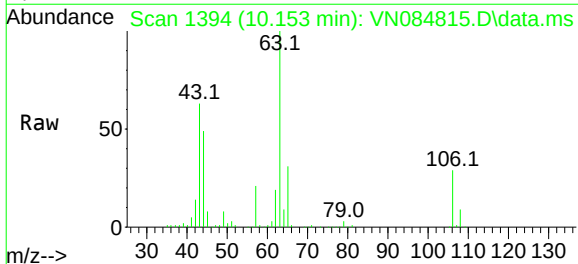
Tgt Ion: 76 Resp: 167938
Ion Ratio Lower Upper
76 100
78 32.5 25.8 38.6

Manual Integrations
APPROVED

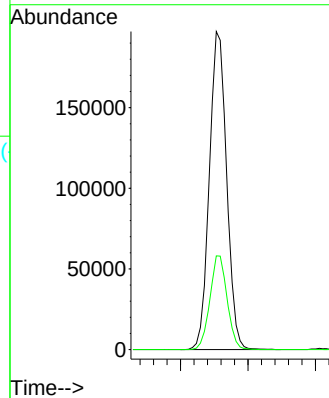
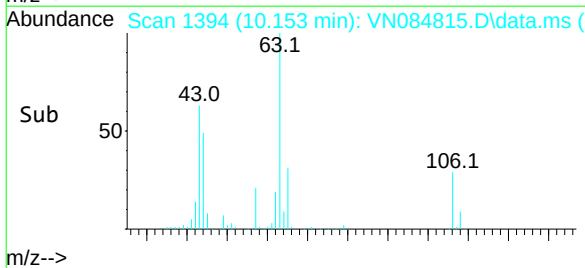
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024

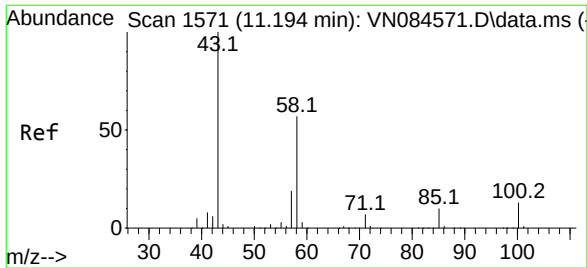


#58
2-Chloroethyl Vinyl ether
Concen: 277.120 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52



Tgt Ion: 63 Resp: 350740
Ion Ratio Lower Upper
63 100
106 29.3 21.8 32.6





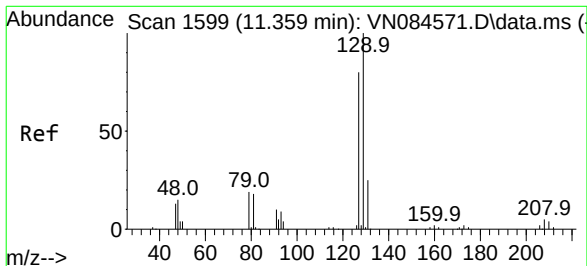
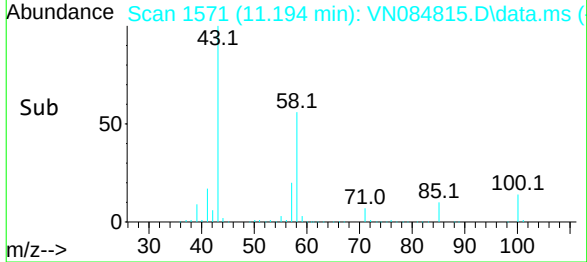
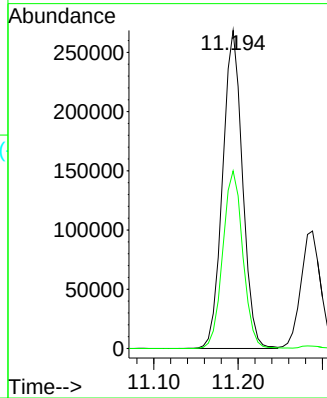
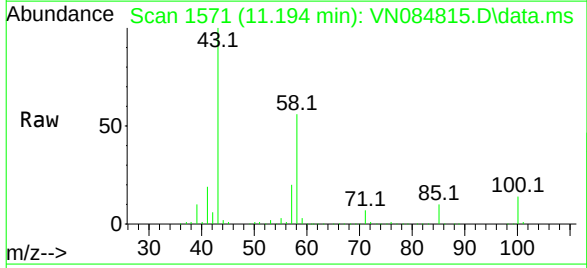
#59
2-Hexanone
Concen: 263.840 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 439014
Ion Ratio Lower Upper
43 100
58 56.5 27.3 81.8

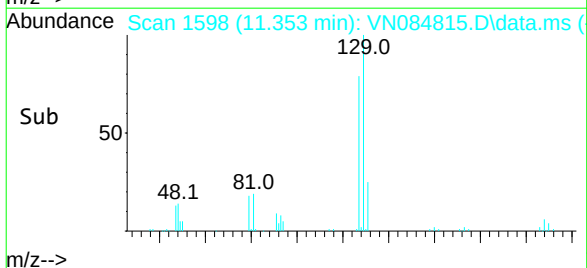
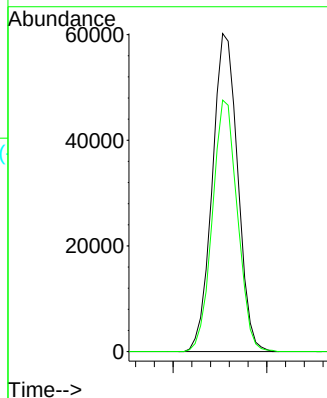
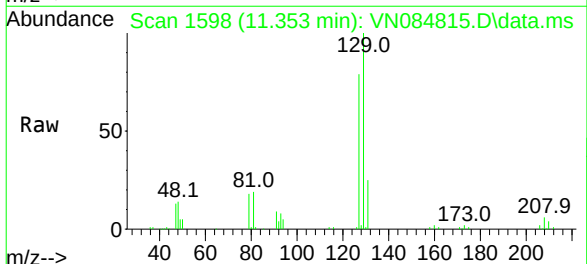
Manual Integrations
APPROVED

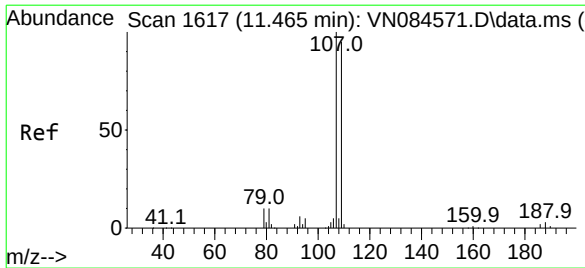
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#60
Dibromochloromethane
Concen: 53.229 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

Tgt Ion:129 Resp: 113439
Ion Ratio Lower Upper
129 100
127 77.9 38.3 114.9





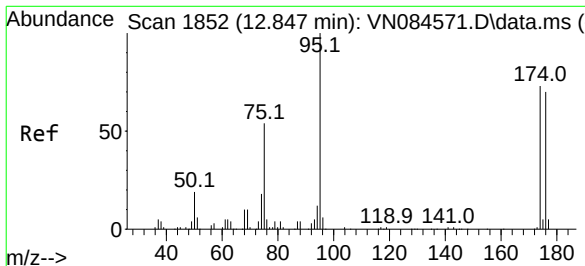
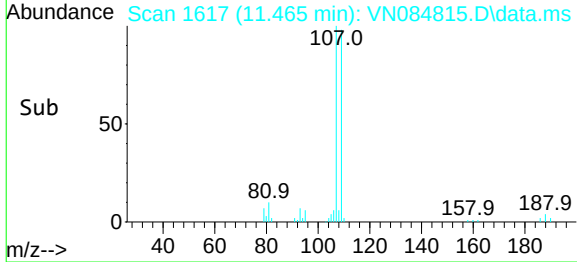
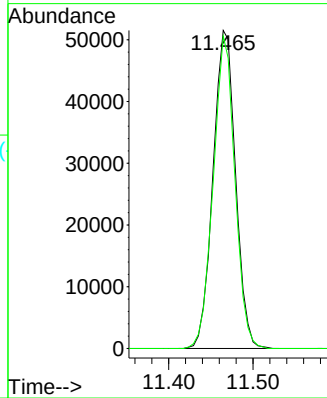
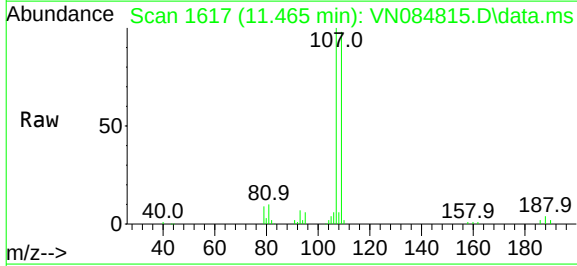
#61
1,2-Dibromoethane
Concen: 49.846 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 107 Resp: 95456
Ion Ratio Lower Upper
107 100
109 94.7 75.4 113.0

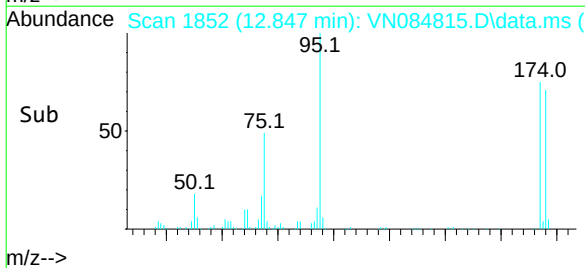
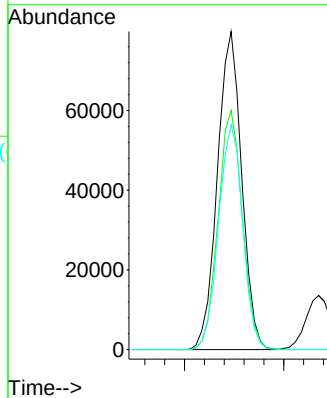
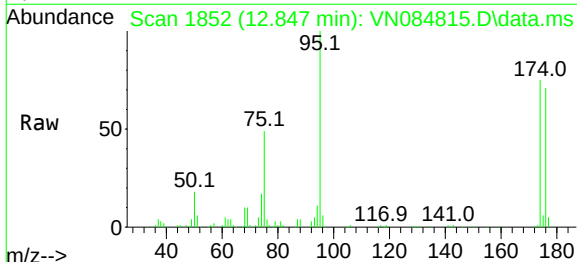
Manual Integrations
APPROVED

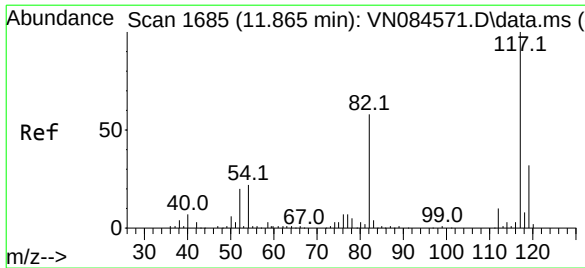
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#62
4-Bromofluorobenzene
Concen: 51.739 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

Tgt Ion: 95 Resp: 135745
Ion Ratio Lower Upper
95 100
174 75.2 0.0 145.2
176 70.5 0.0 140.0





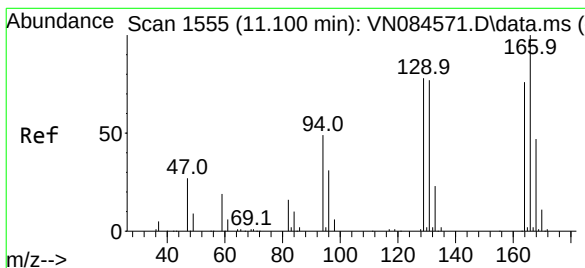
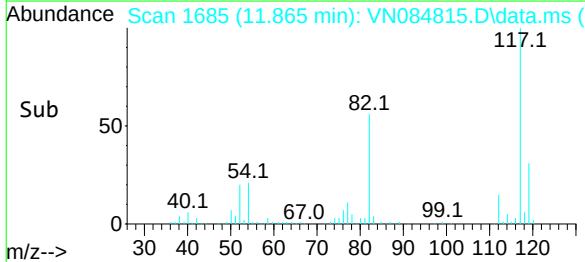
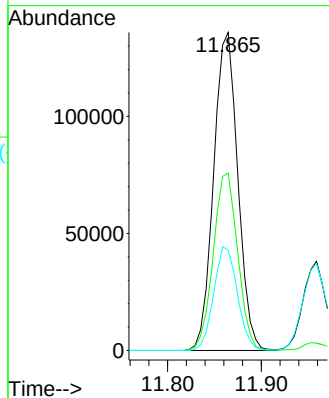
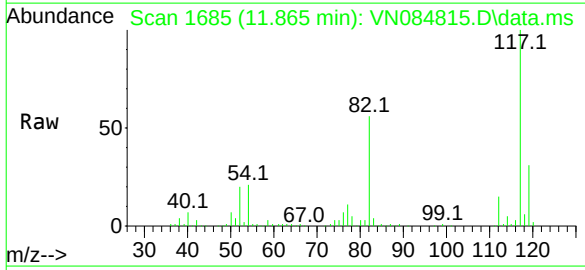
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	117	Resp:	243058
Ion	Ratio	Lower	Upper
117	100		
82	55.8	47.2	70.8
119	31.5	25.4	38.0

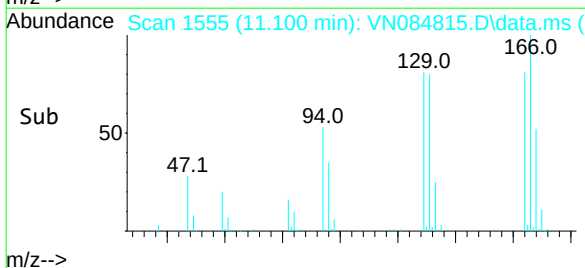
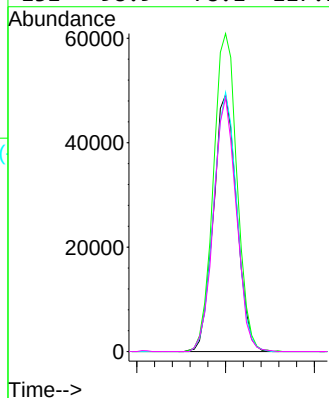
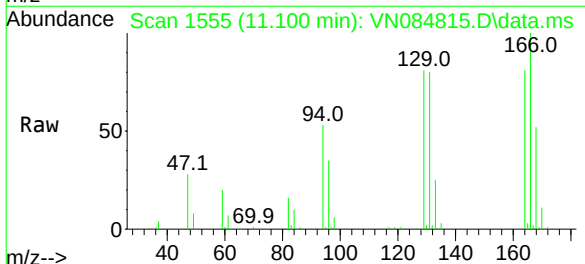
Manual Integrations
APPROVED

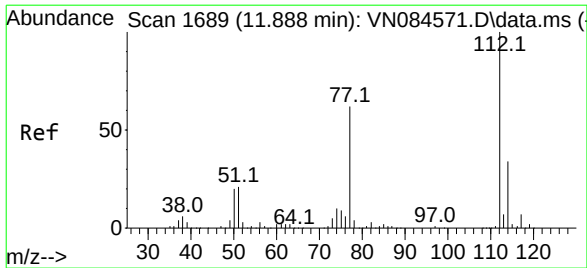
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#64
Tetrachloroethene
Concen: 55.554 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

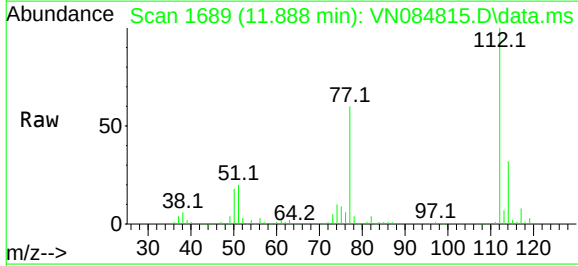
Tgt Ion:	164	Resp:	89817
Ion	Ratio	Lower	Upper
164	100		
166	123.9	101.0	151.4
129	101.0	80.8	121.2
131	98.9	78.1	117.1





#65
Chlorobenzene
Concen: 51.053 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

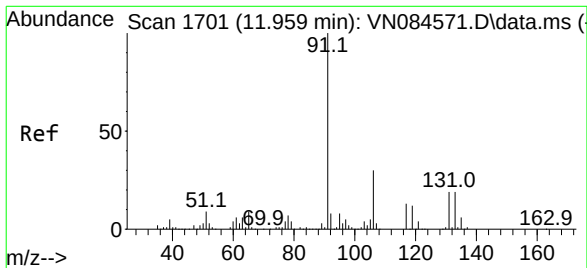
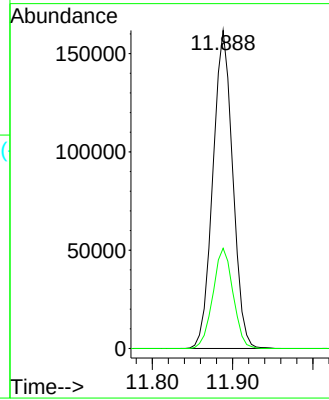
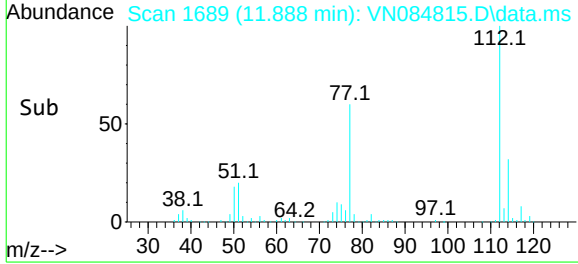
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 277610
Ion Ratio Lower Upper
112 100
114 31.5 27.0 40.6

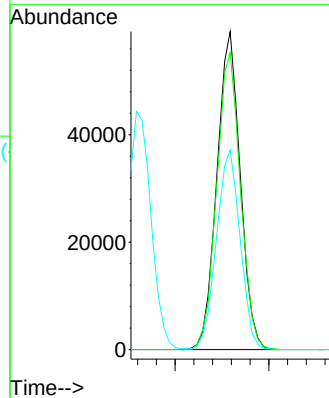
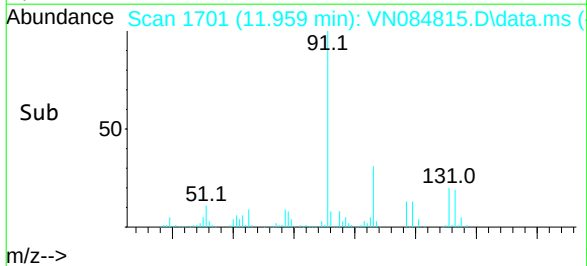
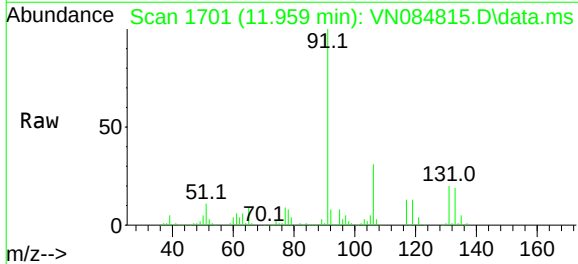
Manual Integrations
APPROVED

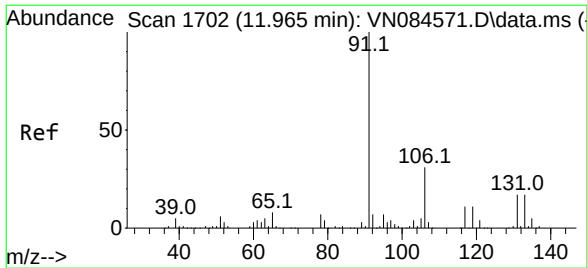
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 54.032 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

Tgt Ion:131 Resp: 102195
Ion Ratio Lower Upper
131 100
133 95.2 47.9 143.7
119 63.8 32.8 98.3





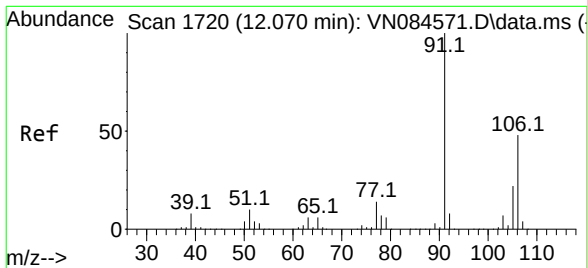
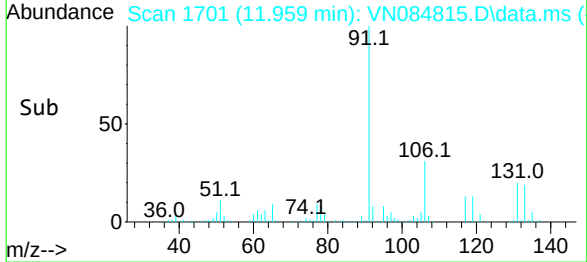
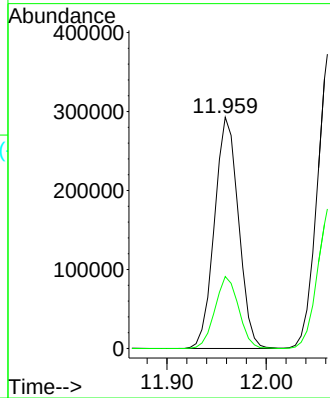
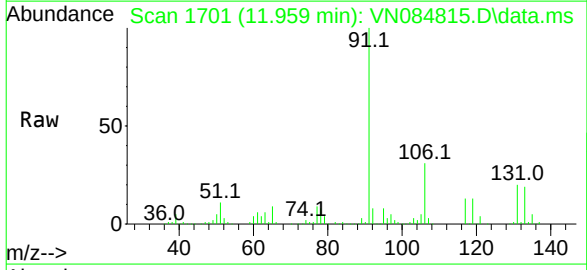
#67
Ethyl Benzene
Concen: 54.298 ug/l
RT: 11.959 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 492839
Ion Ratio Lower Upper
91 100
106 31.1 24.5 36.7

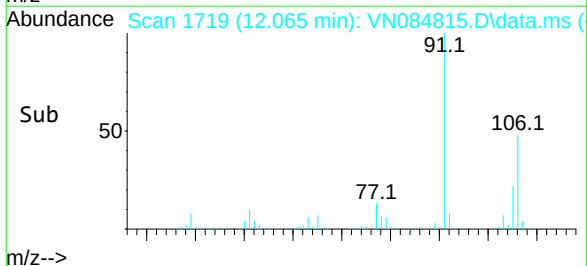
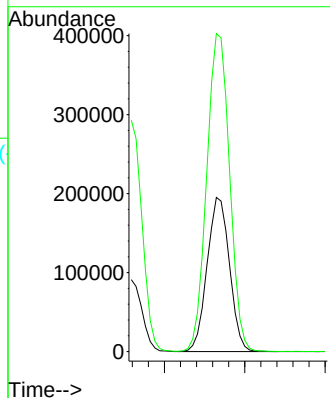
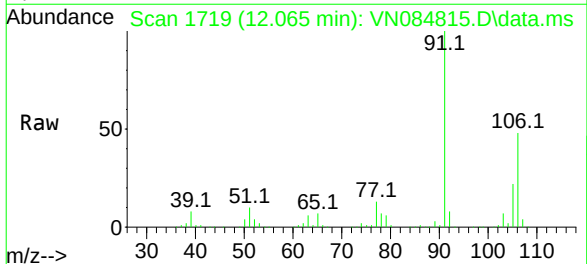
Manual Integrations
APPROVED

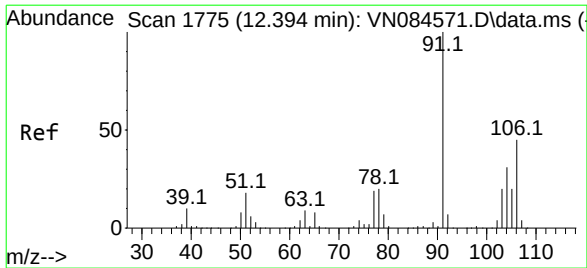
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#68
m/p-Xylenes
Concen: 109.941 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

Tgt Ion:106 Resp: 377788
Ion Ratio Lower Upper
106 100
91 210.5 167.1 250.7





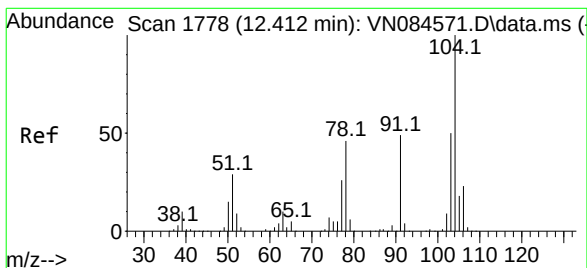
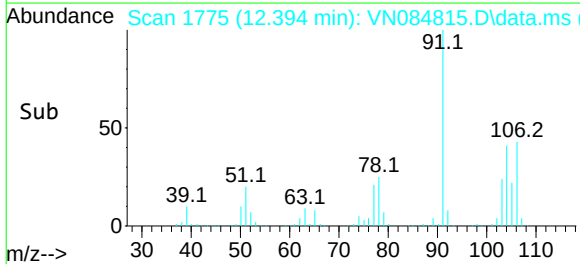
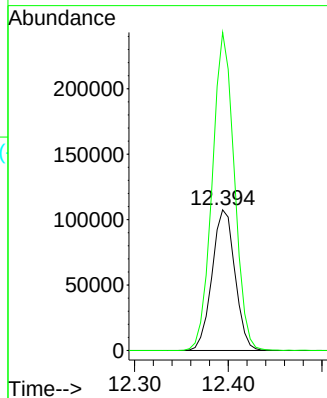
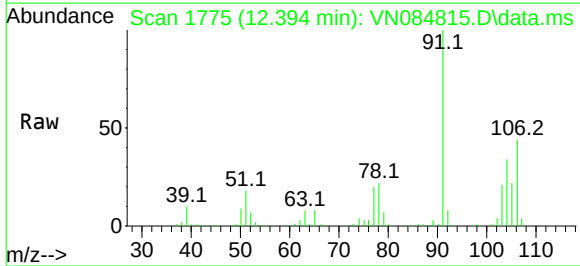
#69
o-Xylene
Concen: 56.777 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 182515
Ion Ratio Lower Upper
106 100
91 217.8 110.2 330.6

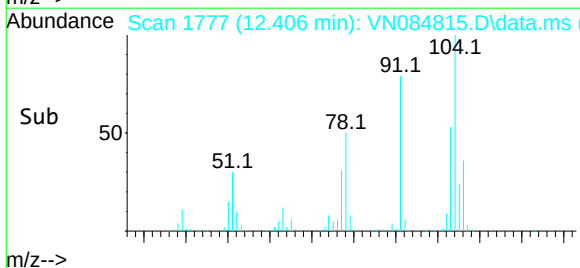
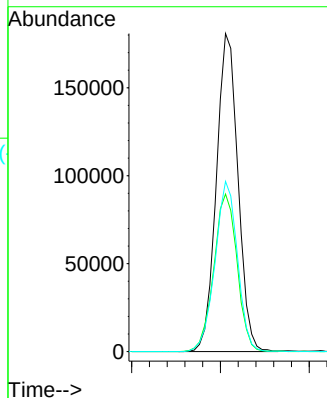
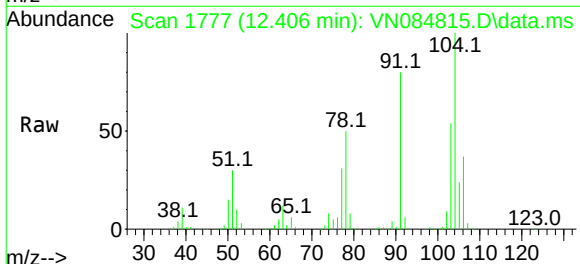
Manual Integrations
APPROVED

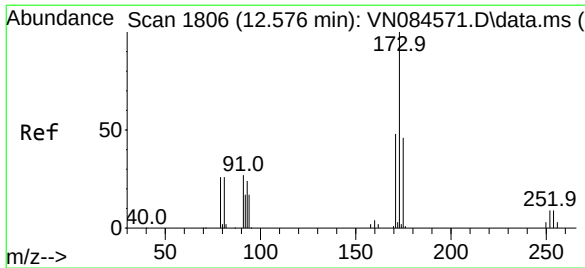
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#70
Styrene
Concen: 54.571 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

Tgt Ion:104 Resp: 306011
Ion Ratio Lower Upper
104 100
78 53.3 42.7 64.1
103 55.5 43.6 65.4





#71

Bromoform

Concen: 53.758 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN084815.D

Acq: 13 Nov 2024 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

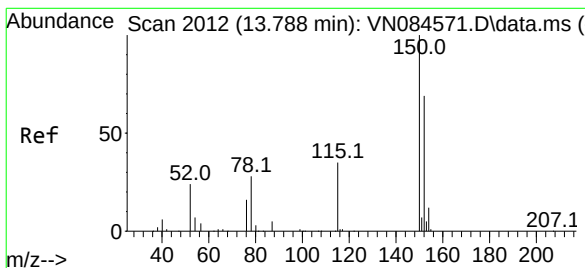
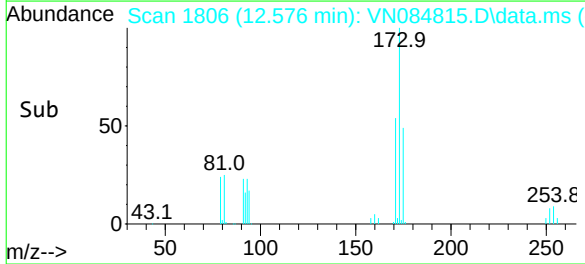
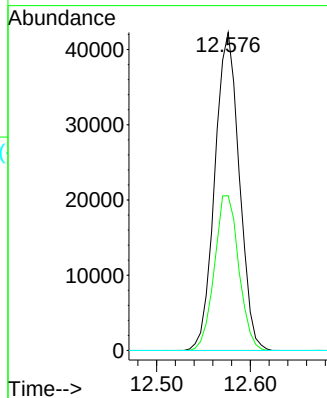
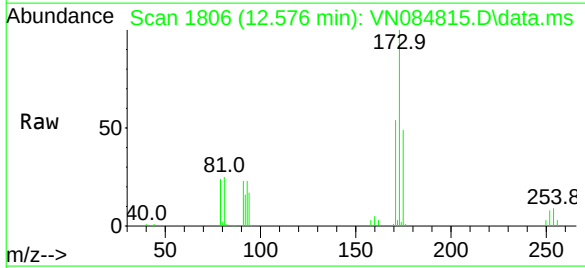
Tgt Ion:	173	Resp:	76509
Ion Ratio	Lower	Upper	
173	100		
175	48.6	23.5	70.6
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2024

Supervised By :Mahesh Dadoda 11/14/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

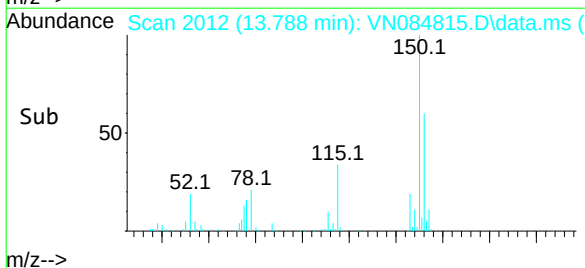
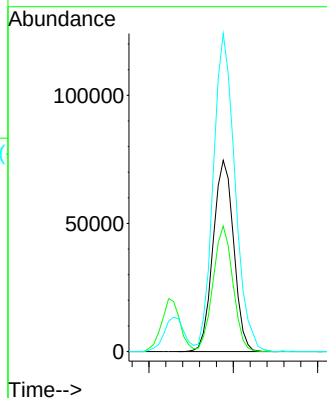
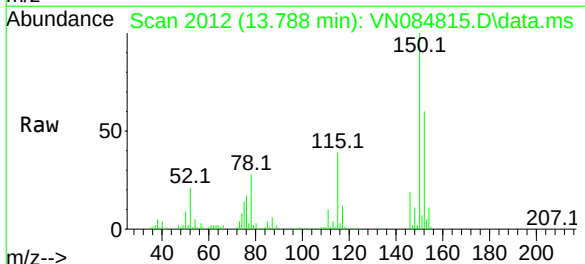
RT: 13.788 min Scan# 2012

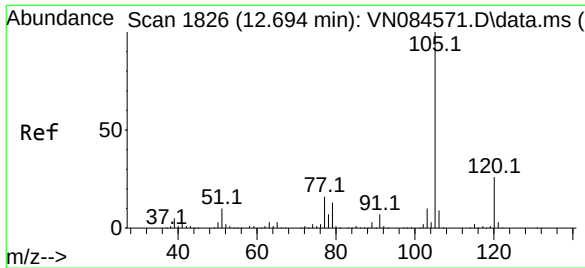
Delta R.T. 0.000 min

Lab File: VN084815.D

Acq: 13 Nov 2024 09:52

Tgt Ion:	152	Resp:	126719
Ion Ratio	Lower	Upper	
152	100		
115	63.4	31.3	93.9
150	175.7	0.0	349.8





#73

Isopropylbenzene

Concen: 51.948 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN084815.D

Acq: 13 Nov 2024 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 461304

Ion Ratio Lower Upper

105 100

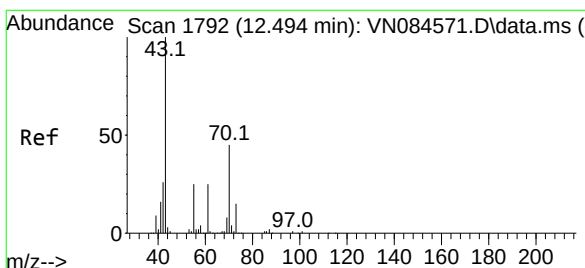
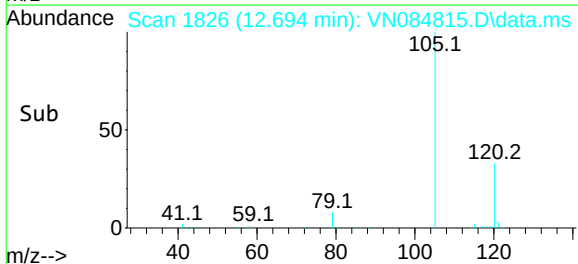
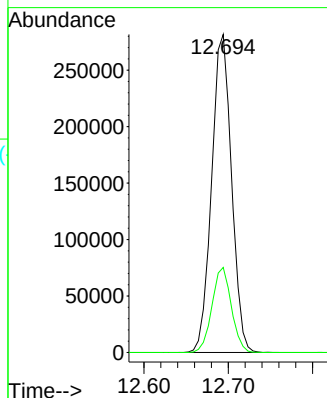
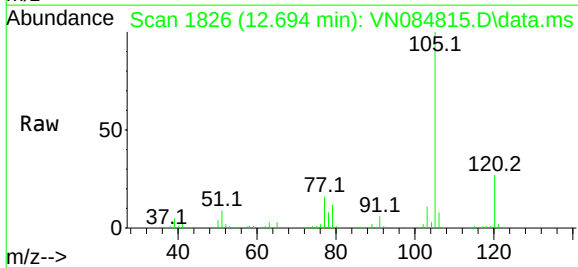
120 26.1 12.9 38.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2024

Supervised By :Mahesh Dadoda 11/14/2024



#74

N-ethyl acetate

Concen: 47.271 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN084815.D

Acq: 13 Nov 2024 09:52

Tgt Ion: 43 Resp: 178664

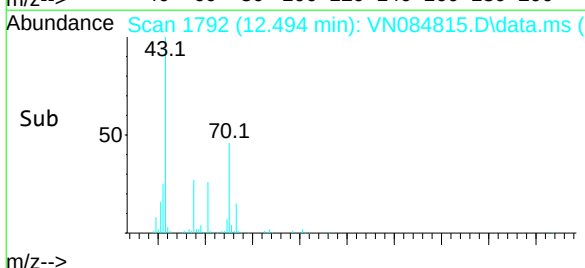
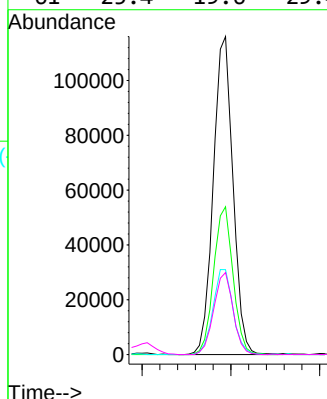
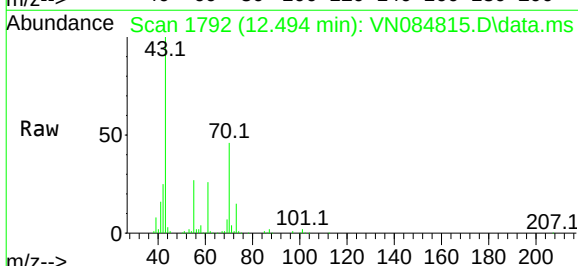
Ion Ratio Lower Upper

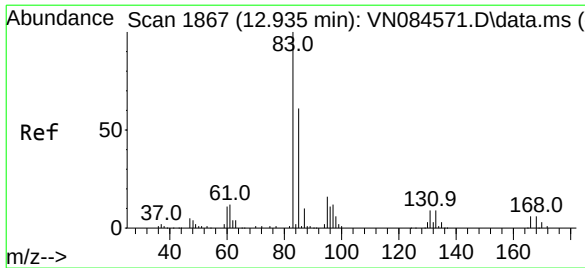
43 100

70 45.8 34.4 51.6

55 27.3 19.6 29.4

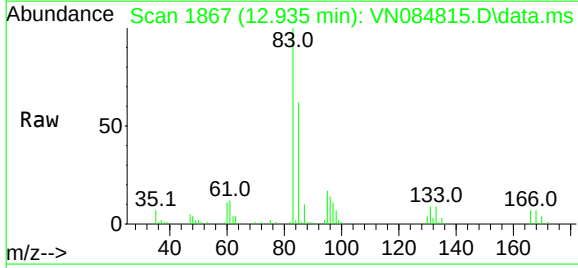
61 25.4 19.6 29.4





#75
1,1,2,2-Tetrachloroethane
Concen: 45.166 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

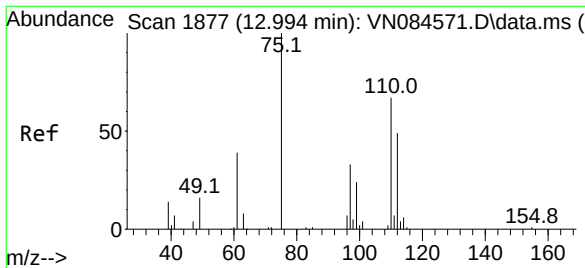
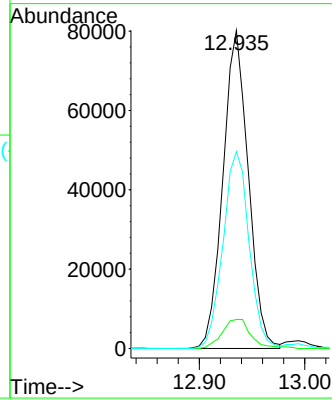
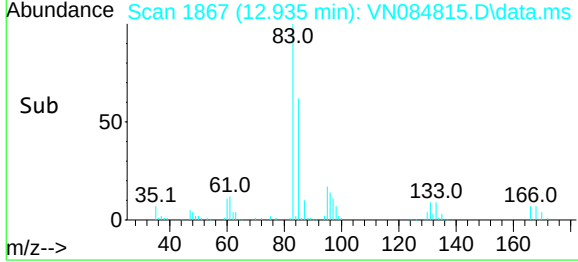
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 133876
Ion Ratio Lower Upper
83 100
131 10.5 4.9 14.7
85 63.7 31.9 95.7

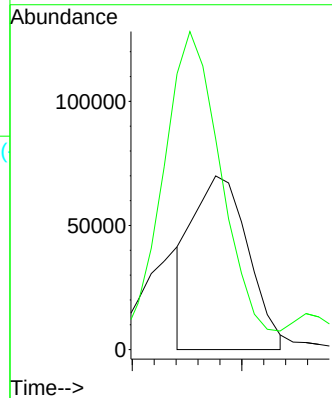
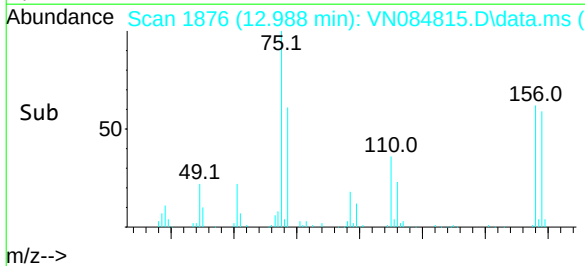
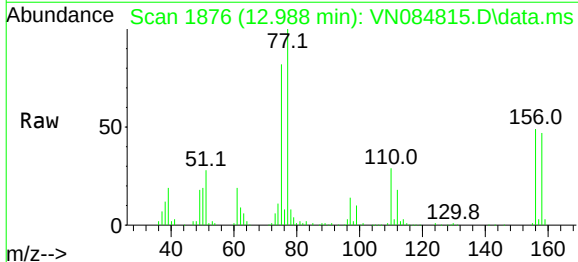
Manual Integrations
APPROVED

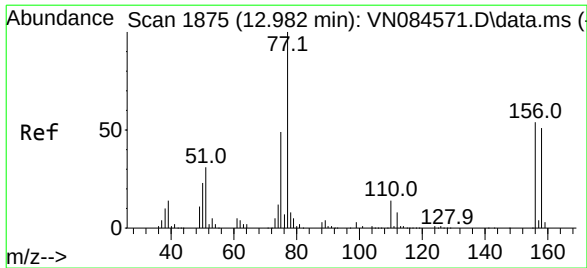
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#76
1,2,3-Trichloropropane
Concen: 48.869 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

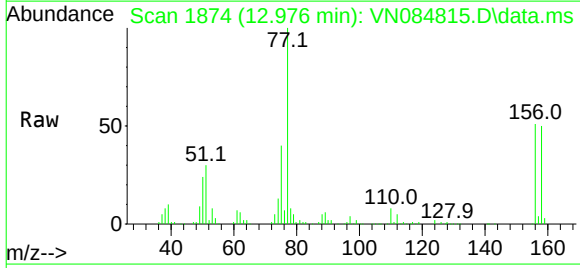
Tgt Ion: 75 Resp: 123787
Ion Ratio Lower Upper
75 100
77 198.1 96.9 290.7





#77
Bromobenzene
Concen: 47.740 ug/l
RT: 12.976 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

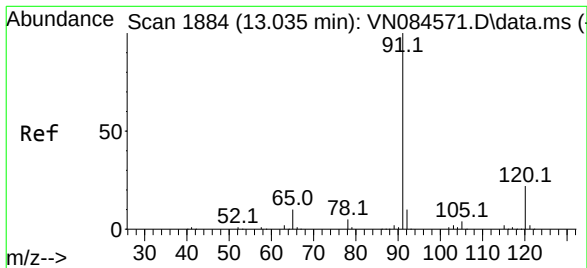
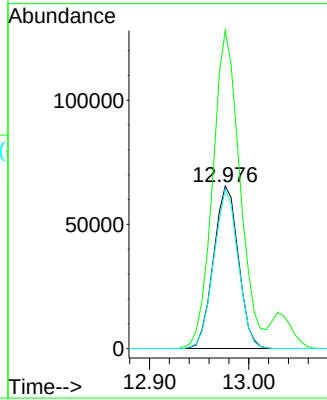
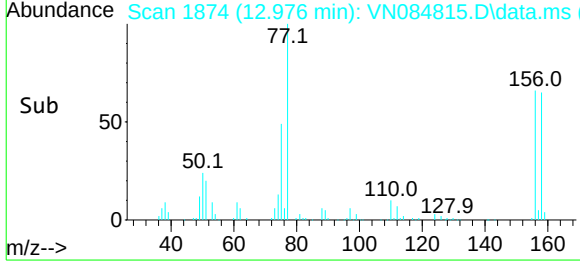
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 156 Resp: 113968
Ion Ratio Lower Upper
156 100
77 215.1 115.1 345.3
158 96.4 48.9 146.8

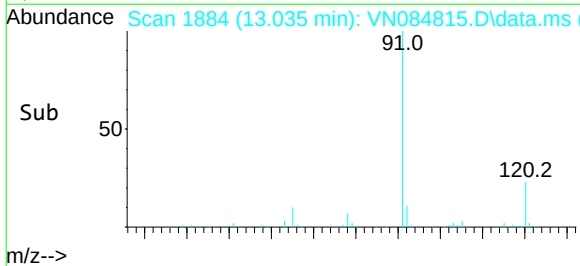
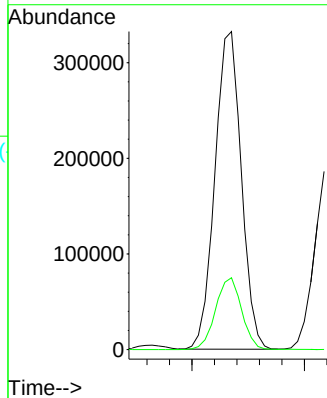
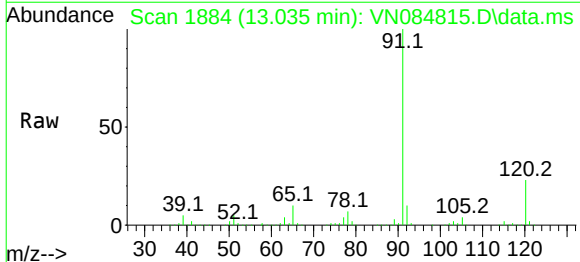
Manual Integrations
APPROVED

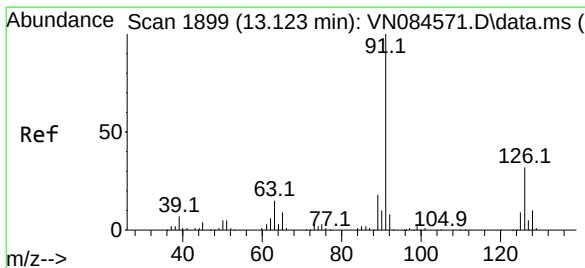
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#78
n-propylbenzene
Concen: 51.993 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

Tgt Ion: 91 Resp: 541039
Ion Ratio Lower Upper
91 100
120 22.3 10.8 32.4





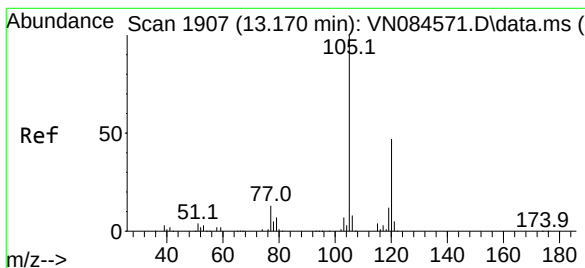
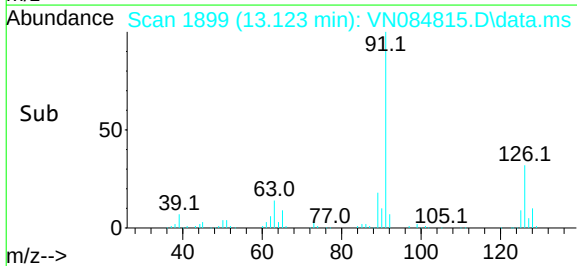
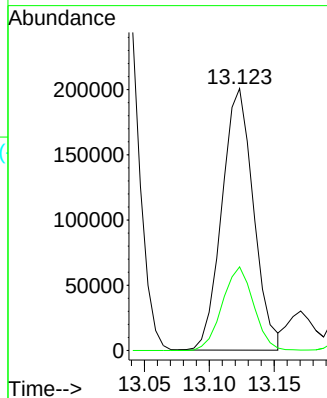
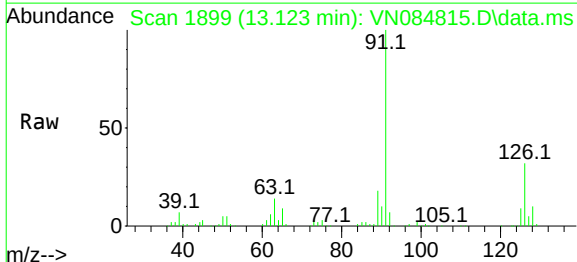
#79
2-Chlorotoluene
Concen: 50.141 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 340936
Ion Ratio Lower Upper
91 100
126 31.6 15.7 47.1

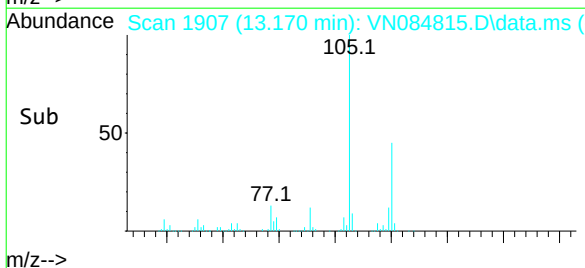
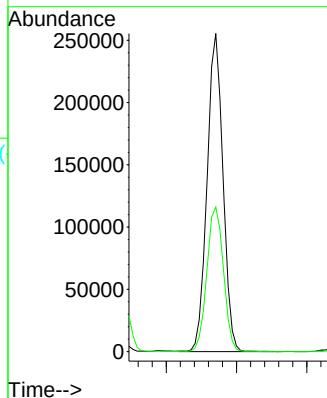
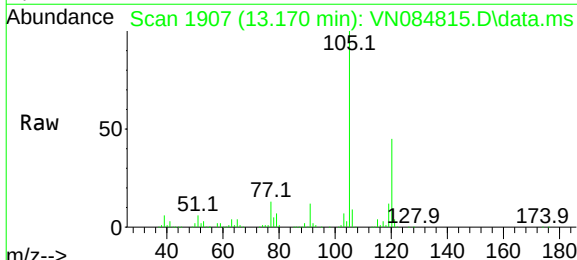
Manual Integrations
APPROVED

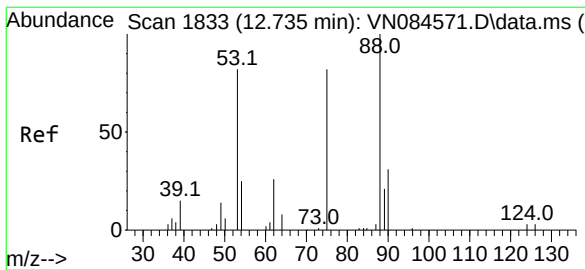
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#80
1,3,5-Trimethylbenzene
Concen: 54.500 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

Tgt Ion:105 Resp: 401124
Ion Ratio Lower Upper
105 100
120 47.5 23.7 71.1





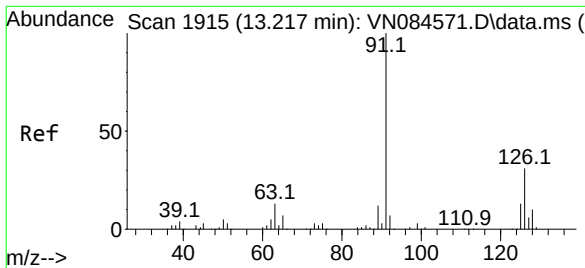
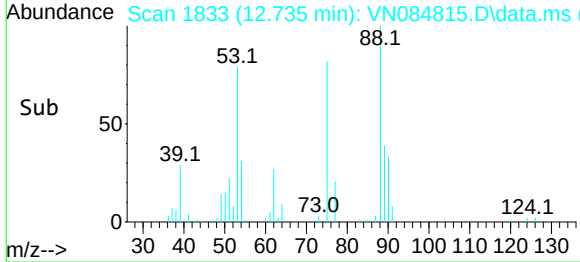
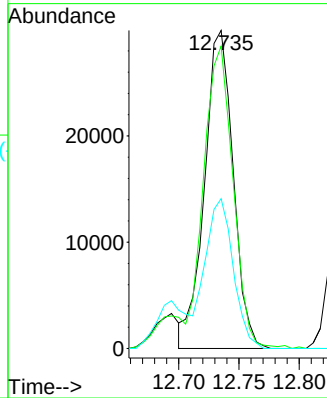
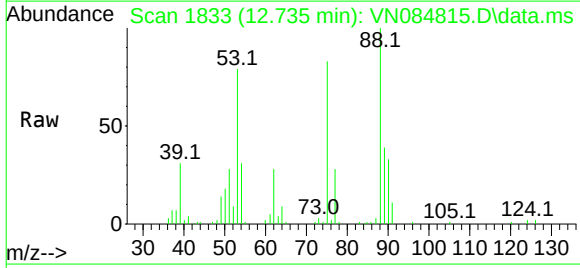
#81
trans-1,4-Dichloro-2-butene
Concen: 46.372 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 49512
Ion Ratio Lower Upper
75 100
53 107.7 78.0 117.0
89 45.6 35.5 53.3

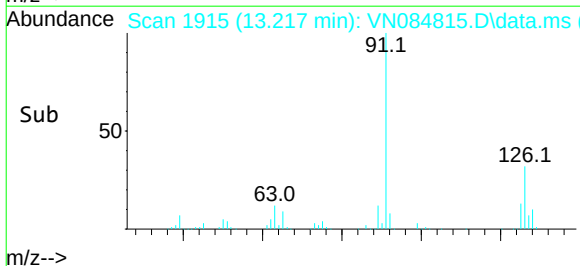
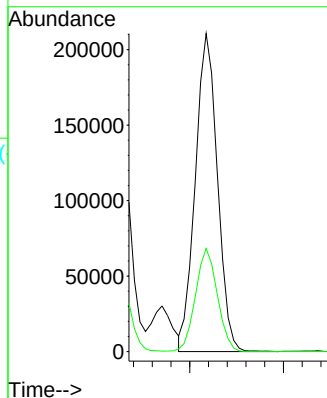
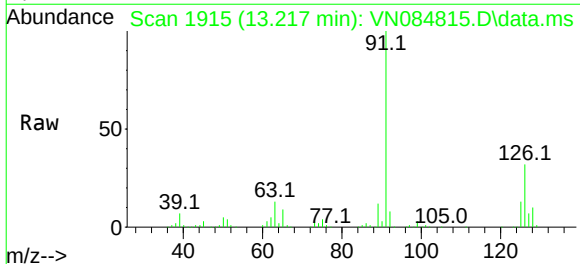
Manual Integrations
APPROVED

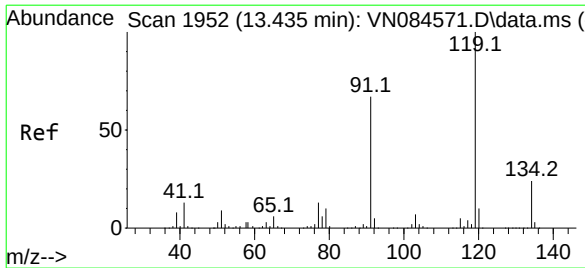
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#82
4-Chlorotoluene
Concen: 48.186 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

Tgt Ion: 91 Resp: 344801
Ion Ratio Lower Upper
91 100
126 32.1 15.7 47.1





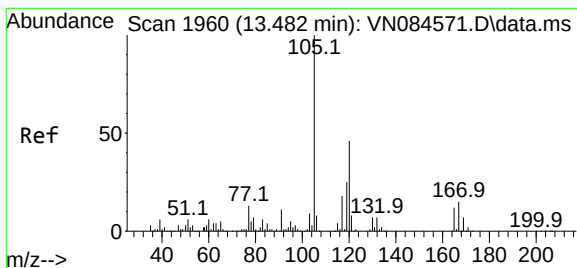
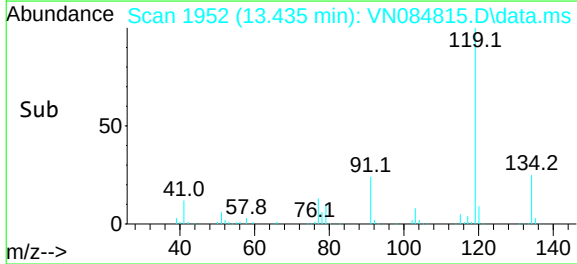
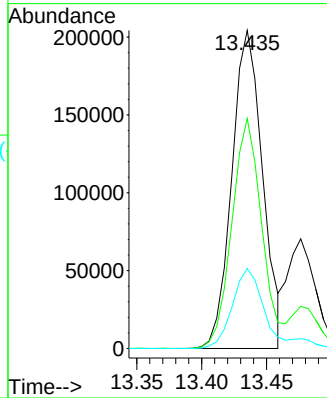
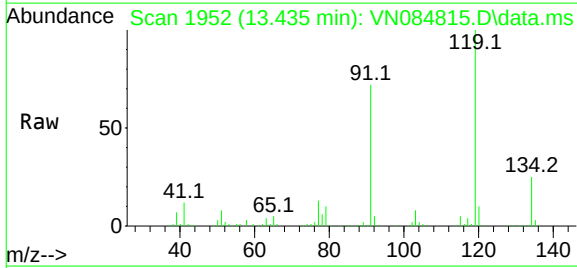
#83
tert-Butylbenzene
Concen: 55.241 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 336487
Ion Ratio Lower Upper
119 100
91 71.0 34.1 102.3
134 27.4 12.8 38.4

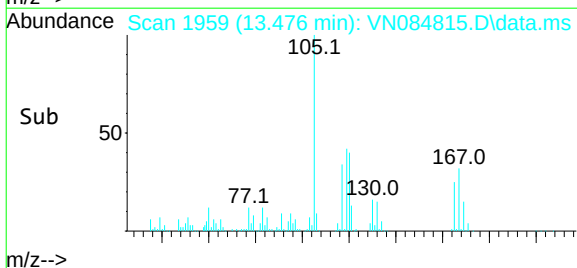
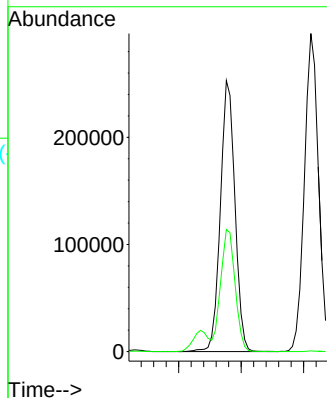
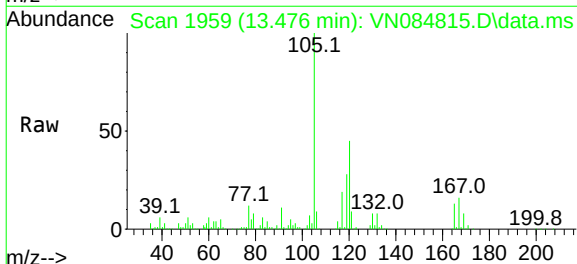
Manual Integrations
APPROVED

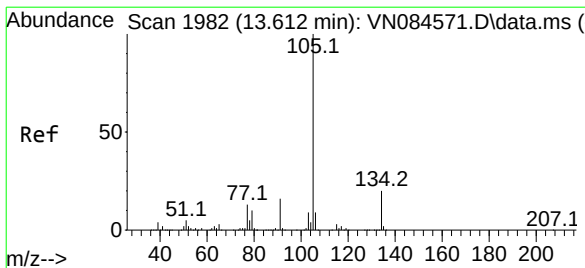
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#84
1,2,4-Trimethylbenzene
Concen: 53.914 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

Tgt Ion:105 Resp: 409543
Ion Ratio Lower Upper
105 100
120 44.8 22.3 66.8





#85

sec-Butylbenzene

Concen: 54.170 ug/l

RT: 13.612 min Scan# 19

Delta R.T. -0.006 min

Lab File: VN084815.D

Acq: 13 Nov 2024 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 466097

Ion Ratio Lower Upper

105 100

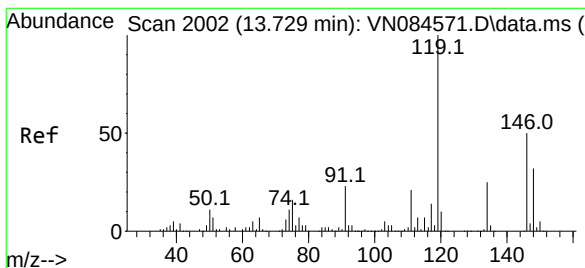
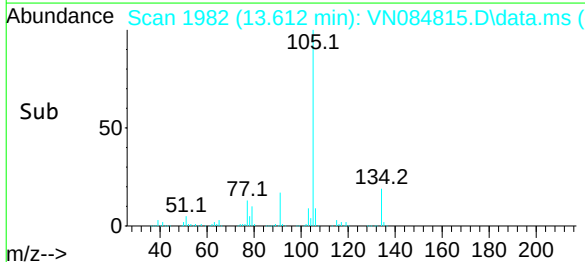
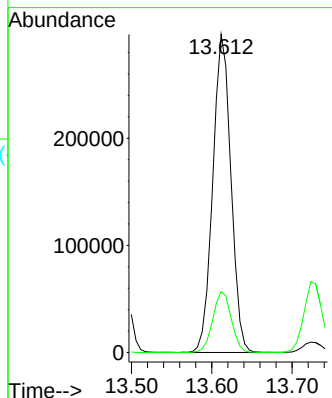
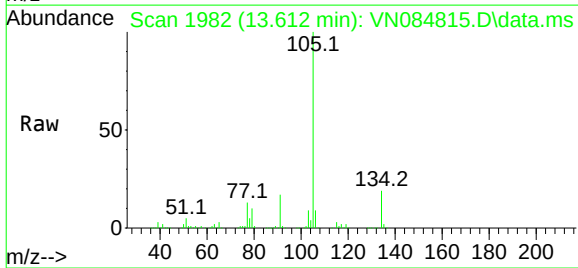
134 19.5 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2024

Supervised By :Mahesh Dadoda 11/14/2024



#86

p-Isopropyltoluene

Concen: 56.499 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. -0.006 min

Lab File: VN084815.D

Acq: 13 Nov 2024 09:52

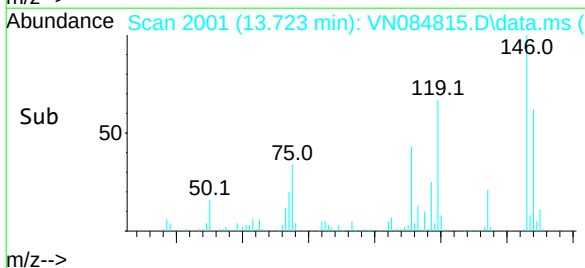
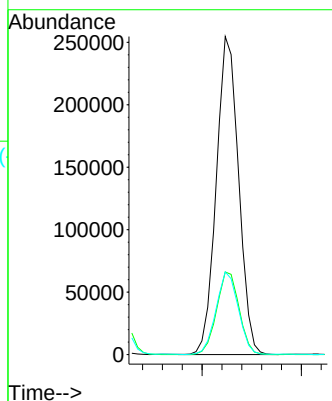
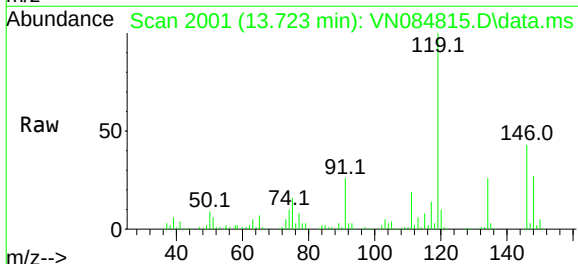
Tgt Ion:119 Resp: 398693

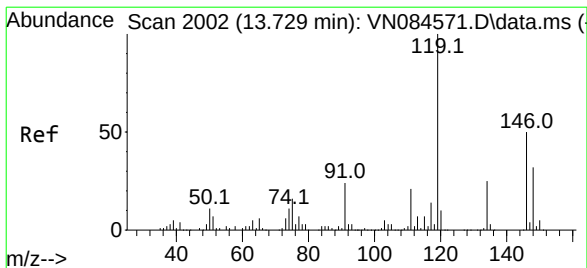
Ion Ratio Lower Upper

119 100

134 26.1 12.6 37.8

91 25.9 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 46.195 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084815.D

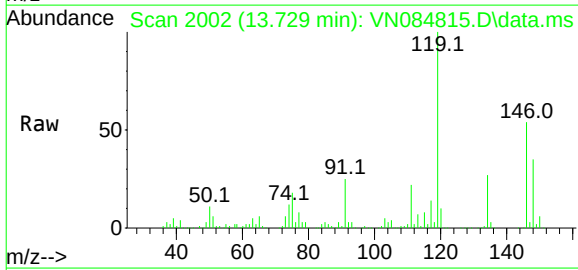
Acq: 13 Nov 2024 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



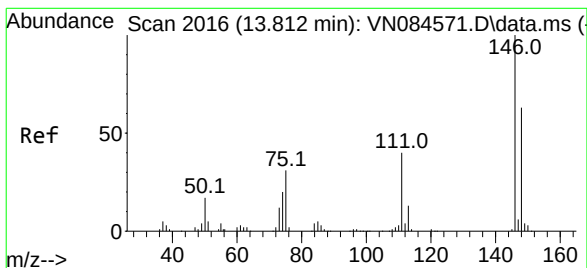
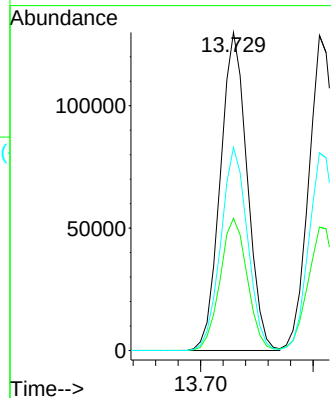
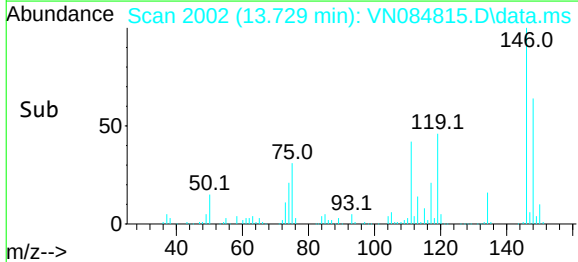
Tgt Ion:	146	Resp:	215220
Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.8	65.3
148	63.6	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2024

Supervised By :Mahesh Dadoda 11/14/2024



#88

1,4-Dichlorobenzene

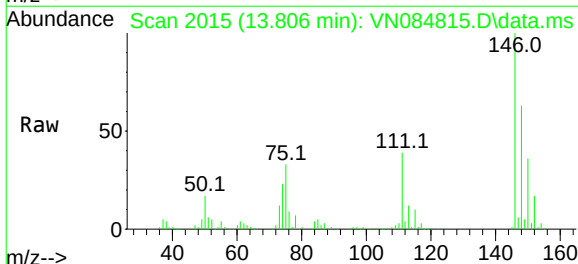
Concen: 50.517 ug/l

RT: 13.806 min Scan# 2015

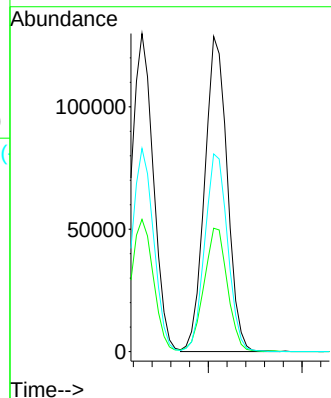
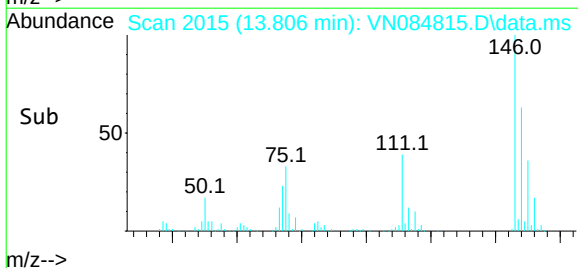
Delta R.T. -0.006 min

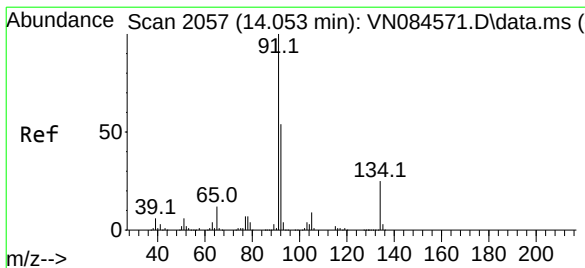
Lab File: VN084815.D

Acq: 13 Nov 2024 09:52



Tgt Ion:	146	Resp:	215716
Ion	Ratio	Lower	Upper
146	100		
111	40.6	21.2	63.6
148	63.6	31.9	95.9





#89

n-Butylbenzene

Concen: 50.158 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN084815.D

Acq: 13 Nov 2024 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

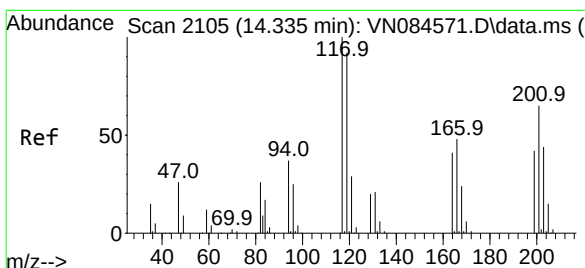
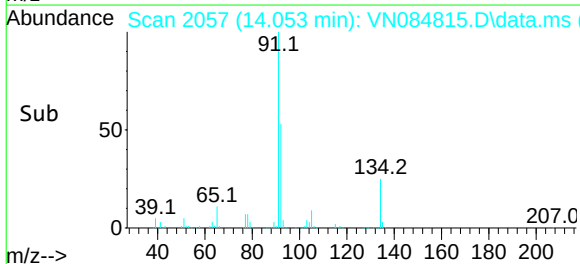
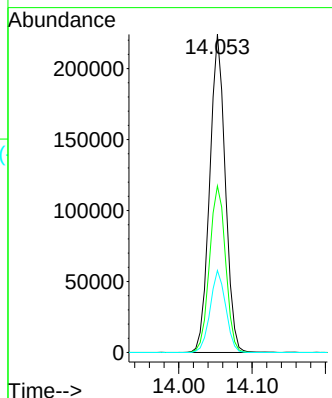
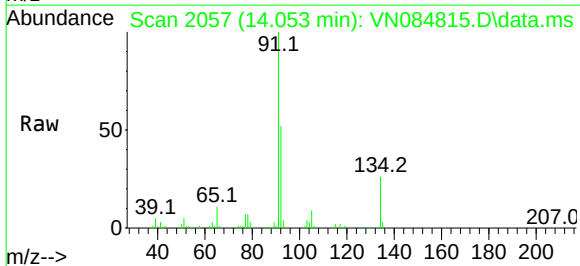
Tgt Ion:	91	Resp:	331088
Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.6	79.7
134	25.7	12.3	36.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2024

Supervised By :Mahesh Dadoda 11/14/2024



#90

Hexachloroethane

Concen: 46.607 ug/l

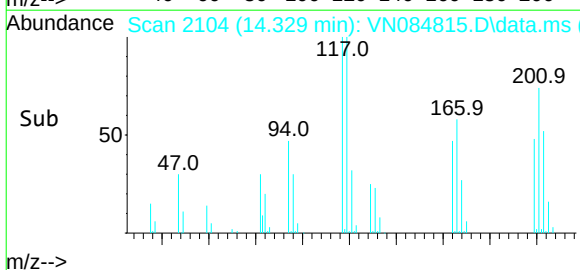
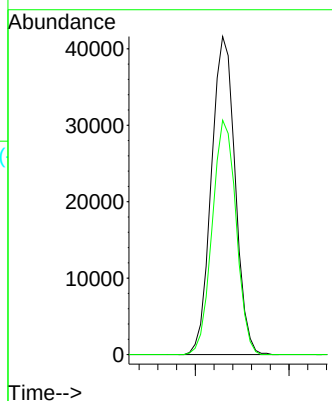
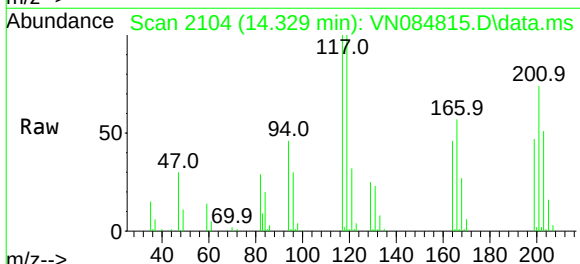
RT: 14.329 min Scan# 2104

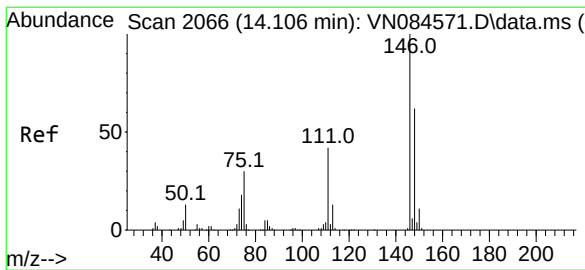
Delta R.T. -0.000 min

Lab File: VN084815.D

Acq: 13 Nov 2024 09:52

Tgt Ion:	117	Resp:	73345
Ion	Ratio	Lower	Upper
117	100		
201	74.0	34.4	103.2





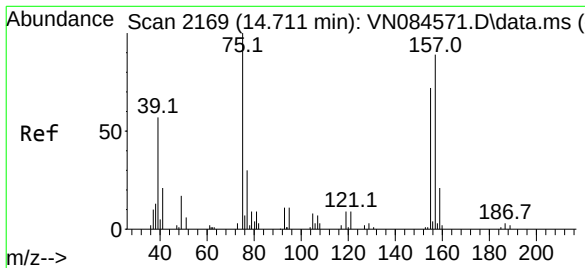
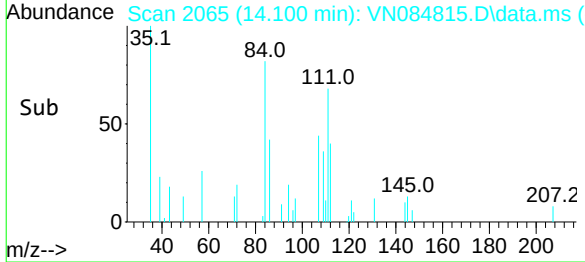
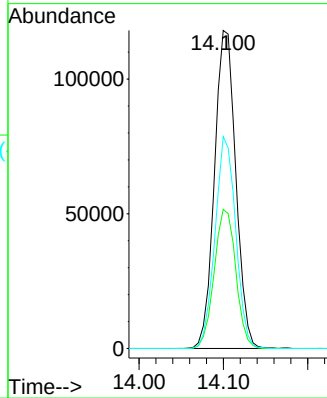
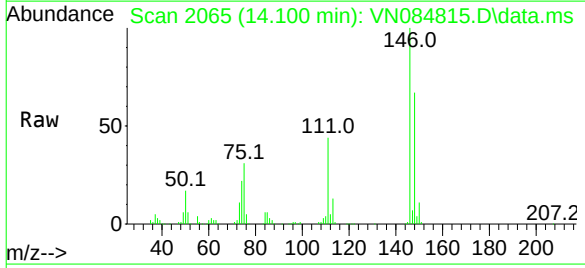
#91
1,2-Dichlorobenzene
Concen: 46.412 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 207784
Ion Ratio Lower Upper
146 100
111 44.2 22.0 66.0
148 64.5 32.1 96.3

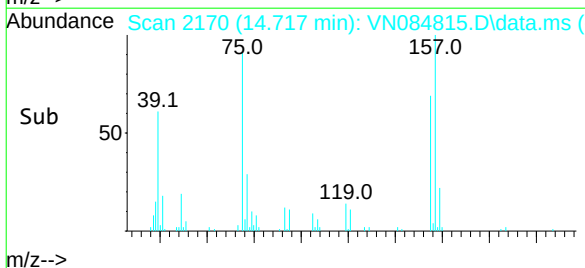
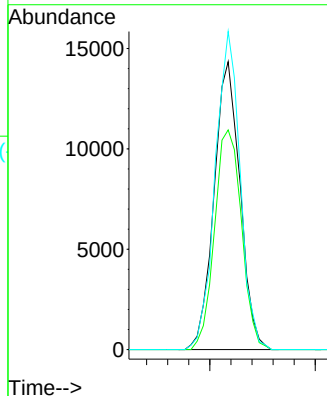
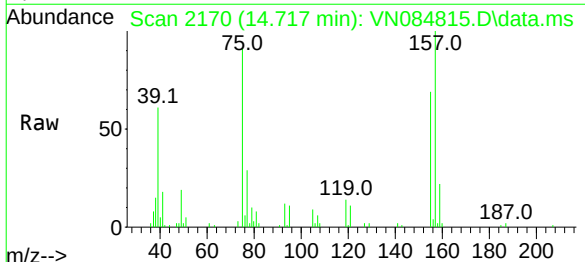
Manual Integrations
APPROVED

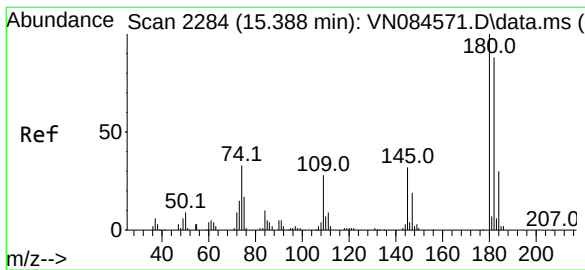
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 40.926 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

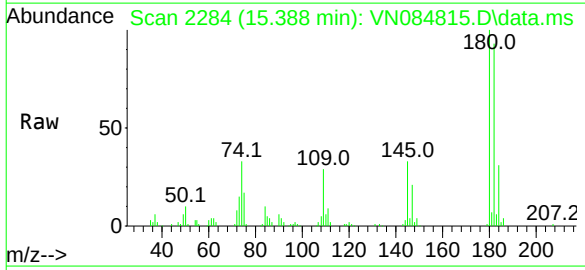
Tgt Ion: 75 Resp: 24575
Ion Ratio Lower Upper
75 100
155 79.0 38.1 114.5
157 105.6 49.6 149.0





#93
1,2,4-Trichlorobenzene
Concen: 42.540 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. -0.000 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52

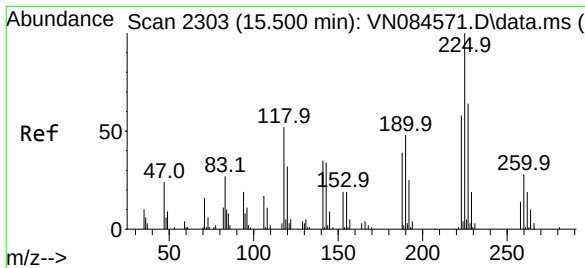
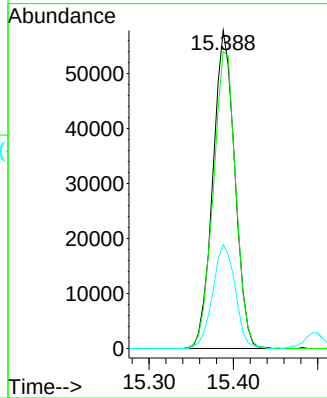
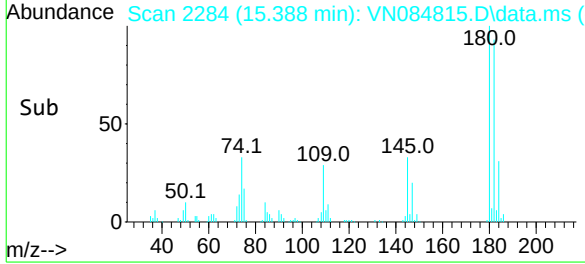
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



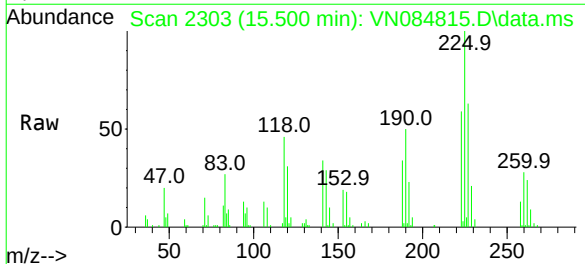
Tgt Ion:180 Resp: 104240
Ion Ratio Lower Upper
180 100
182 95.8 47.0 141.0
145 33.6 16.4 49.4

Manual Integrations
APPROVED

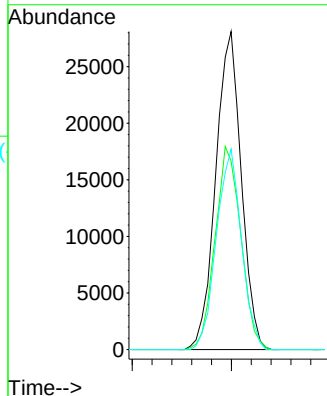
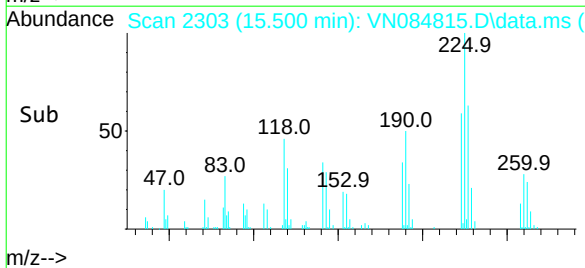
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024

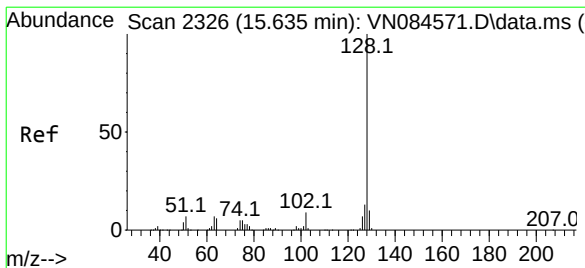


#94
Hexachlorobutadiene
Concen: 46.740 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN084815.D
Acq: 13 Nov 2024 09:52



Tgt Ion:225 Resp: 50297
Ion Ratio Lower Upper
225 100
223 64.2 32.4 97.2
227 61.7 32.4 97.0





#95

Naphthalene

Concen: 43.634 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.000 min

Lab File: VN084815.D

Acq: 13 Nov 2024 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

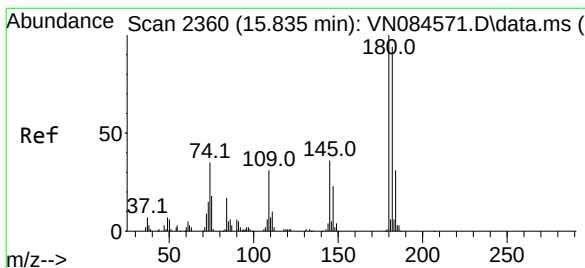
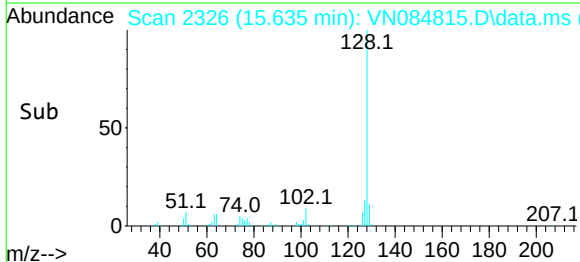
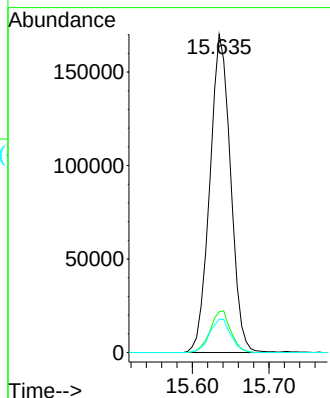
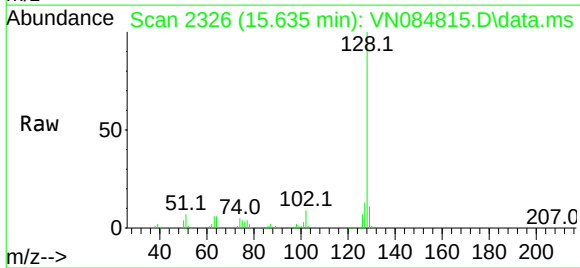
Tgt Ion:	128	Resp:	320037
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.7	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2024

Supervised By :Mahesh Dadoda 11/14/2024



#96

1,2,3-Trichlorobenzene

Concen: 44.421 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN084815.D

Acq: 13 Nov 2024 09:52

Tgt Ion:	180	Resp:	105664
Ion	Ratio	Lower	Upper
180	100		
182	92.7	48.2	144.6
145	34.3	17.3	51.9

