

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012622\
 Data File : VW024432.D
 Acq On : 26 Jan 2022 12:08
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 27 02:20:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 27 01:56:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	186941	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	197022	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	115741	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	85564	5.224	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 104.400%		
7) Chloroethane-d5	1.568	69	73773	5.164	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 103.200%		
11) 1,1-Dichloroethene-d2	2.108	63	163706	5.230	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 104.600%		
20) 2-Butanone-d5	3.918	46	34896	13.369	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 26.740%#		
24) Chloroform-d	4.342	84	158630	5.104	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 102.000%		
26) 1,2-Dichloroethane-d4	5.027	65	71571	5.085	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 101.600%		
32) Benzene-d6	5.047	84	304609	5.177	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 103.600%		
36) 1,2-Dichloropropane-d6	6.066	67	91893	4.959	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 99.200%		
41) Toluene-d8	7.310	98	289747	5.367	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 107.400%		
43) trans-1,3-Dichloroprop...	7.619	79	34501	5.422	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 108.400%		
46) 2-Hexanone-d5	8.088	63	114789	52.762	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 105.520%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	55884	5.067	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 101.400%		
66) 1,2-Dichlorobenzene-d4	11.622	152	103392	5.210	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 104.200%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	112783	5.350	ug/L	99
3) Chloromethane	1.240	50	97493	5.089	ug/L	98
5) Vinyl chloride	1.310	62	101087	5.260	ug/L	98
6) Bromomethane	1.523	94	61947	5.148	ug/L	99
8) Chloroethane	1.584	64	60427	5.348	ug/L	100
9) Trichlorofluoromethane	1.754	101	140886	5.178	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	79919	5.394	ug/L	93
12) 1,1-Dichloroethene	2.117	96	72375	5.152	ug/L	85
14) Carbon disulfide	2.294	76	225284	5.217	ug/L	100
15) Methyl Acetate	2.449	43	15763	4.289	ug/L	93
16) Methylene chloride	2.507	84	71296	4.958	ug/L	91
17) Methyl tert-butyl Ether	2.767	73	131124	5.186	ug/L	97
18) trans-1,2-Dichloroethene	2.757	96	72206	5.356	ug/L	92
19) 1,1-Dichloroethane	3.188	63	131206	5.221	ug/L	97
21) 2-Butanone	4.005	43	37001	15.048	ug/L #	71
22) cis-1,2-Dichloroethene	3.908	96	70383	5.198	ug/L	92
23) Bromochloromethane	4.246	128	30064	4.949	ug/L	86
25) Chloroform	4.371	83	136814	4.794	ug/L	99
27) 1,2-Dichloroethane	5.130	62	71217	5.235	ug/L	98

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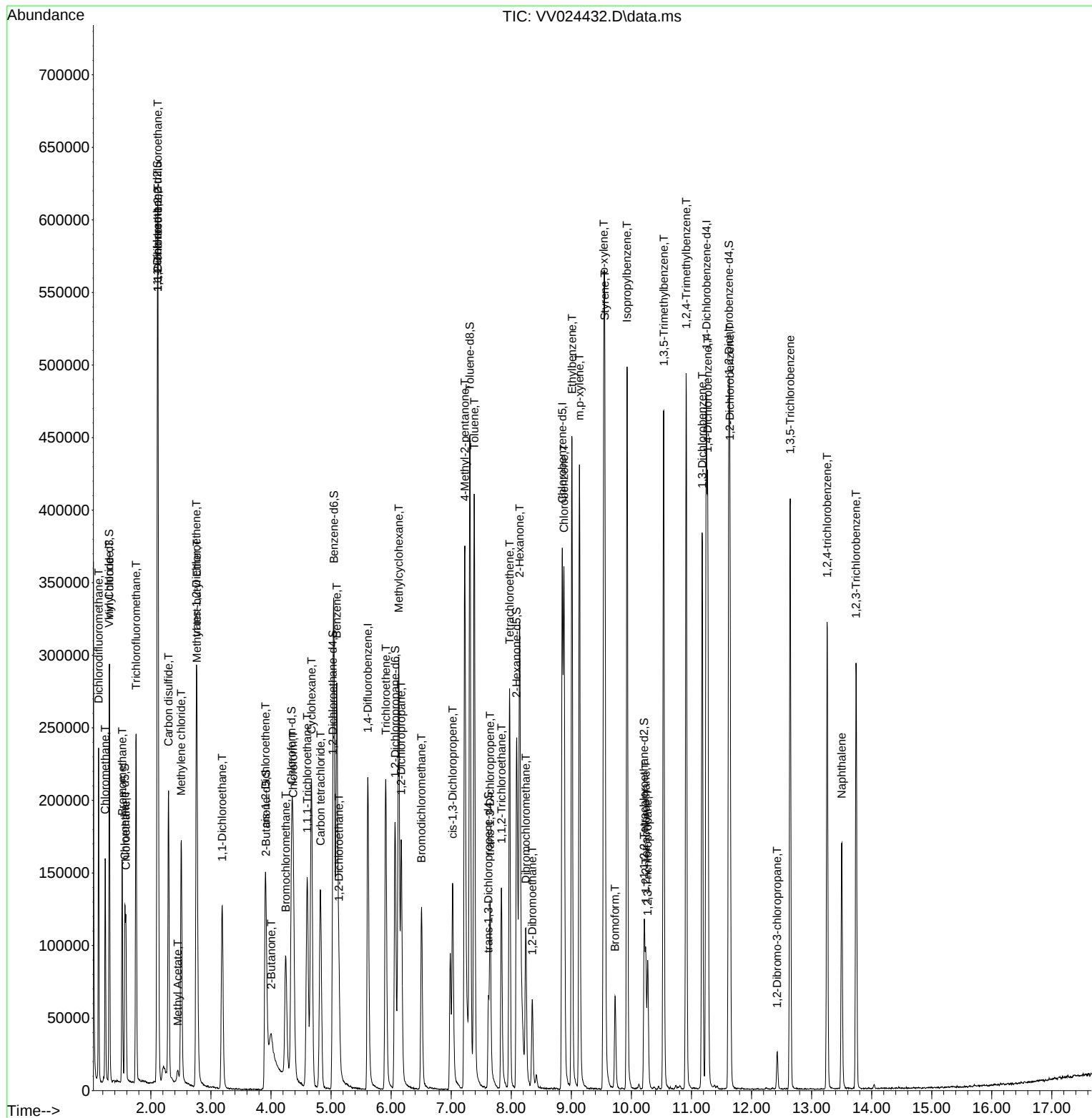
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	4.603	97	118373	5.180	ug/L	98
30) Cyclohexane	4.674	56	115883	5.372	ug/L	92
31) Carbon tetrachloride	4.825	117	106965	5.202	ug/L	98
33) Benzene	5.095	78	281664	5.342	ug/L	100
34) Trichloroethene	5.912	95	78808	5.287	ug/L	93
35) Methylcyclohexane	6.127	83	119646	5.442	ug/L	96
37) 1,2-Dichloropropane	6.169	63	67937	5.244	ug/L	99
38) Bromodichloromethane	6.506	83	88719	5.058	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	92705	5.311	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	326952	54.141	ug/L	95
42) Toluene	7.384	91	305946	5.478	ug/L	97
44) trans-1,3-Dichloropropene	7.648	75	76420	5.255	ug/L	95
45) 1,1,2-Trichloroethane	7.837	97	44829	5.118	ug/L	99
47) Tetrachloroethene	7.973	164	62497	5.323	ug/L	97
48) 2-Hexanone	8.140	43	249079	56.098	ug/L	97
49) Dibromochloromethane	8.243	129	55523	5.093	ug/L	100
50) 1,2-Dibromoethane	8.349	107	43494	5.296	ug/L	95
51) Chlorobenzene	8.879	112	188456	5.226	ug/L	94
52) Ethylbenzene	9.011	91	313820	5.344	ug/L	99
53) m,p-xylene	9.136	106	120753	5.479	ug/L	96
54) o-xylene	9.542	106	113688	5.473	ug/L	92
55) Styrene	9.558	104	192980	5.557	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	43439	5.064	ug/L	98
59) Bromoform	9.728	173	30283	5.203	ug/L	95
60) Isopropylbenzene	9.927	105	314437	5.578	ug/L	98
61) 1,2,3-Trichloropropane	10.271	75	37472	5.224	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	251164	5.533	ug/L	97
63) 1,2,4-Trimethylbenzene	10.911	105	263995	5.668	ug/L	97
64) 1,3-Dichlorobenzene	11.178	146	155650	5.462	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	155351	5.355	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	138552	5.297	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	6693	4.798	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	127642	5.496	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	98062	5.544	ug/L	98
71) Naphthalene	13.503	128	132658	5.947	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	86116	5.707	ug/L	99

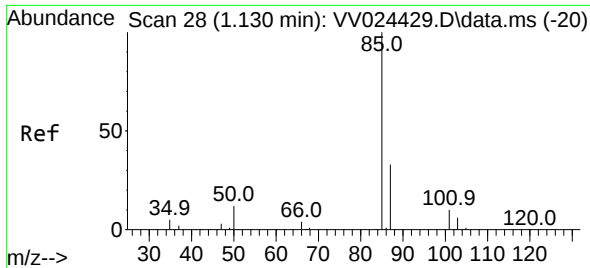
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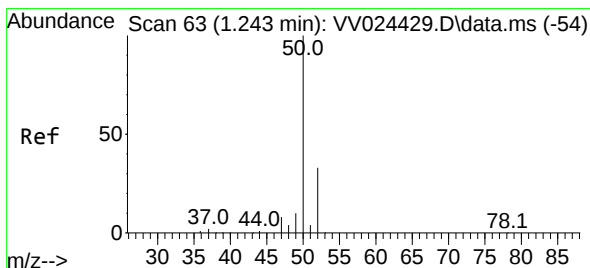
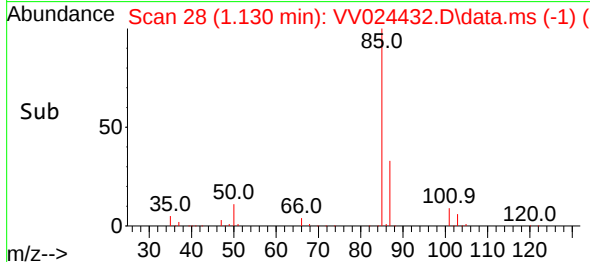
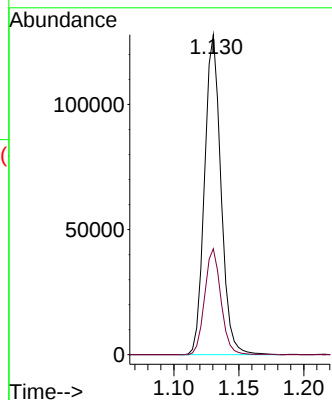
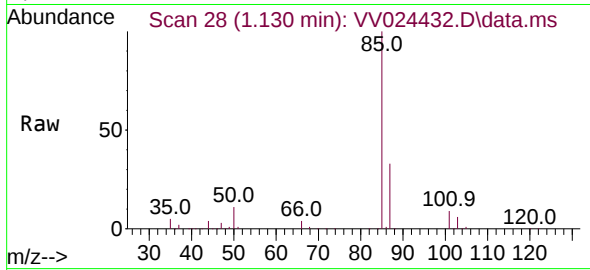




#2
 Dichlorodifluoromethane
 Concen: 5.350 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV024432.D
 Acq: 26 Jan 2022 12:08

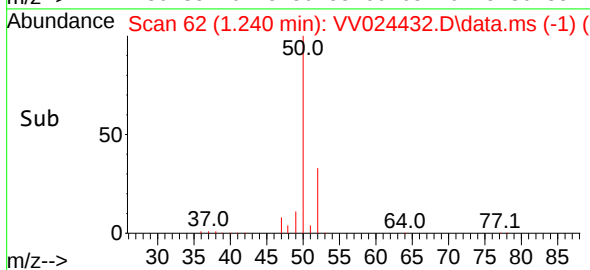
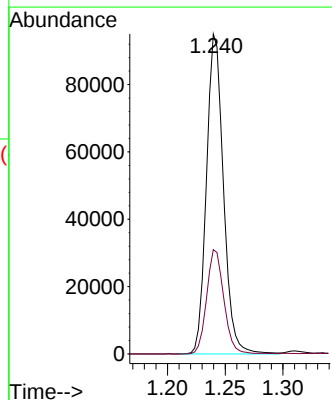
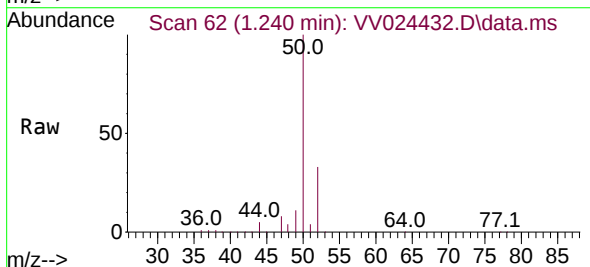
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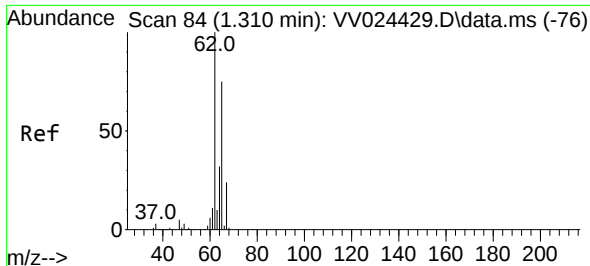
Tgt Ion: 85 Resp: 112783
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.0 39.0



#3
 Chloromethane
 Concen: 5.089 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.003 min
 Lab File: VV024432.D
 Acq: 26 Jan 2022 12:08

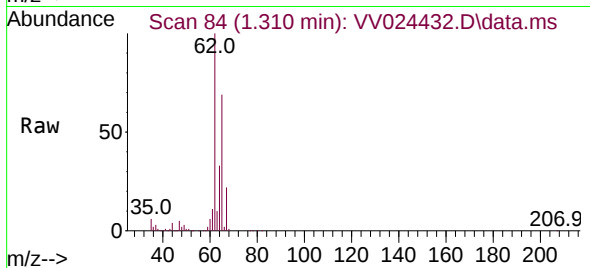
Tgt Ion: 50 Resp: 97493
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.0 41.0



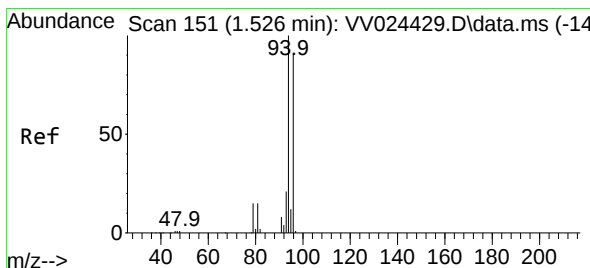
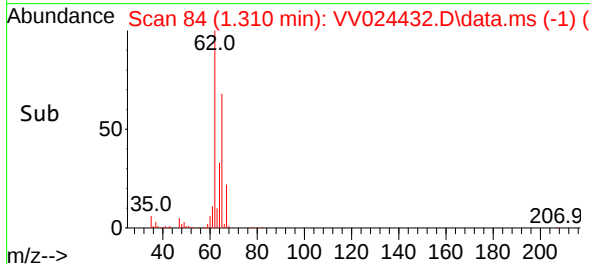
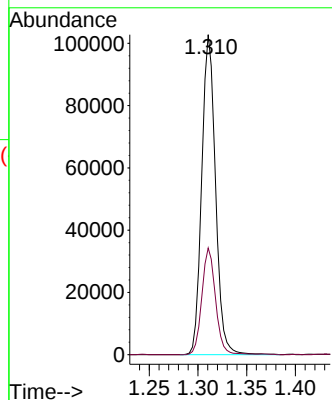


#5
 Vinyl chloride
 Concen: 5.260 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV024432.D
 Acq: 26 Jan 2022 12:08

Instrument :
 MSVOA_V
 ClientSampleId :

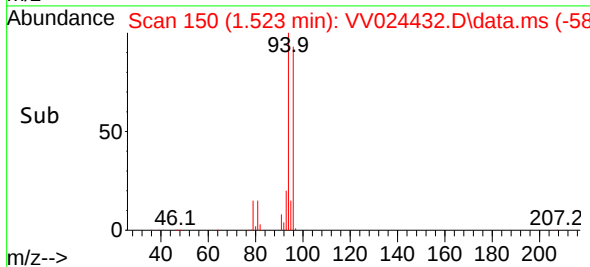
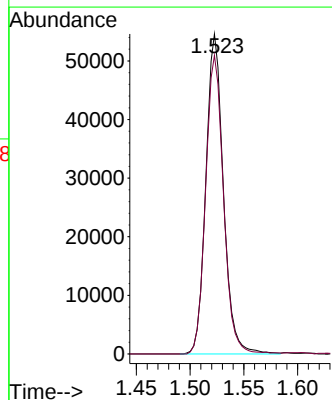
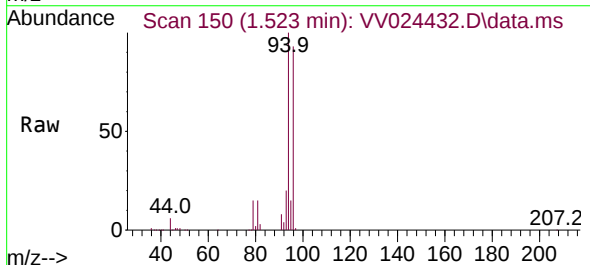


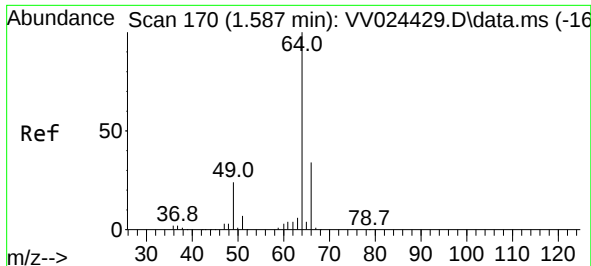
Tgt Ion: 62 Resp: 101087
 Ion Ratio Lower Upper
 62 100
 64 33.4 22.4 41.6



#6
 Bromomethane
 Concen: 5.148 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.003 min
 Lab File: VV024432.D
 Acq: 26 Jan 2022 12:08

Tgt Ion: 94 Resp: 61947
 Ion Ratio Lower Upper
 94 100
 96 93.3 66.2 123.0

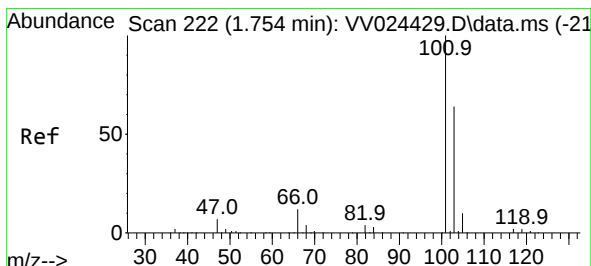
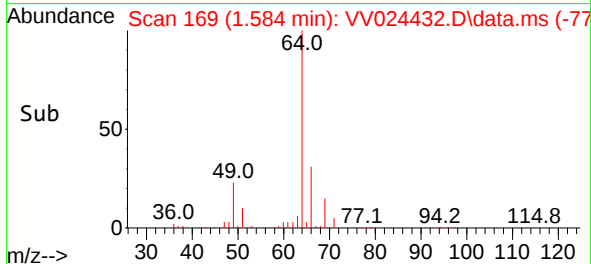
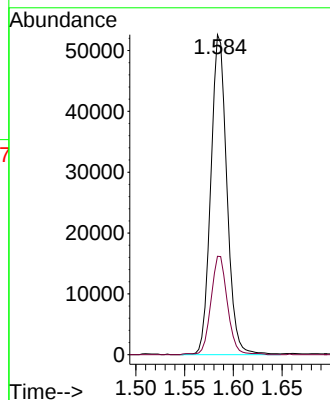
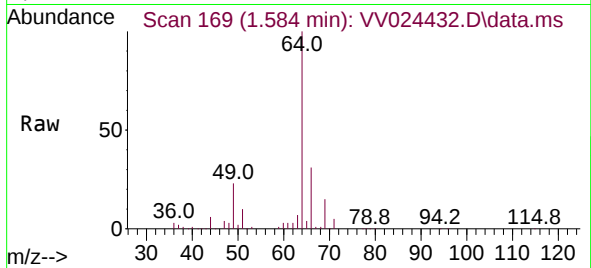




#8
Chloroethane
Concen: 5.348 ug/L
RT: 1.584 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV024432.D
Acq: 26 Jan 2022 12:08

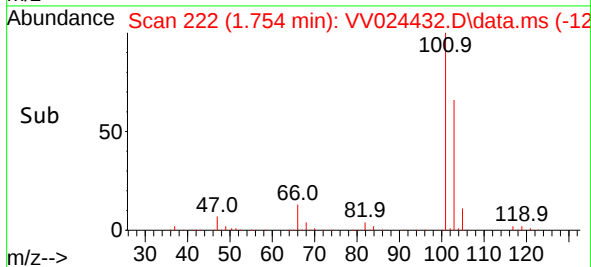
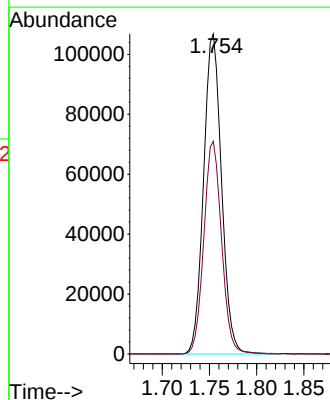
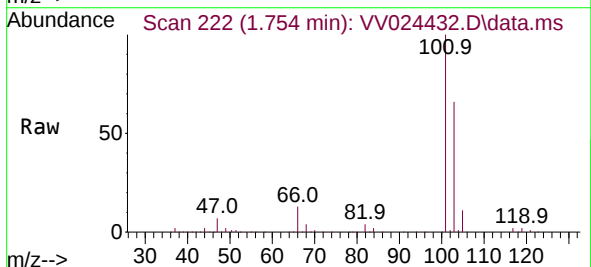
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ClientSampleId :

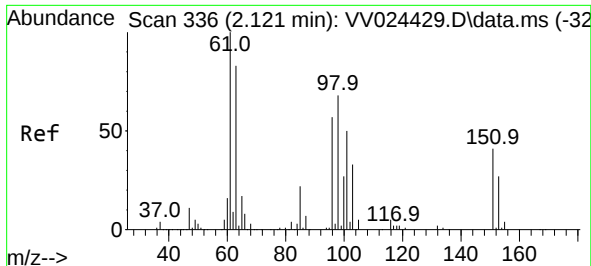
Tgt Ion: 64 Resp: 60427
Ion Ratio Lower Upper
64 100
66 30.7 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.178 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV024432.D
Acq: 26 Jan 2022 12:08

Tgt Ion:101 Resp: 140886
Ion Ratio Lower Upper
101 100
103 65.5 51.6 77.4

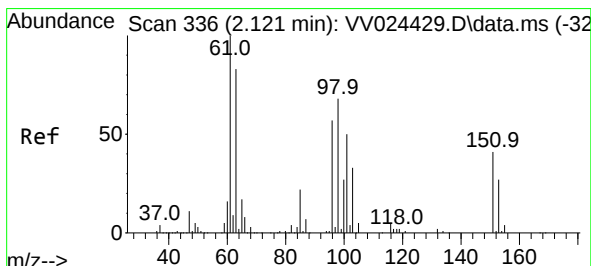
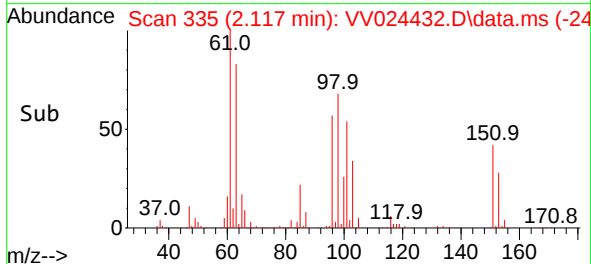
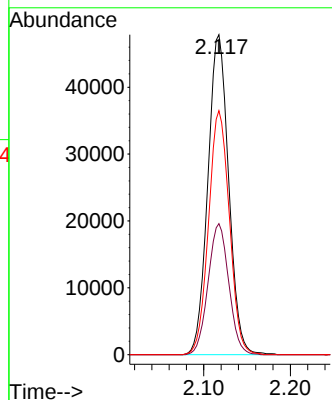
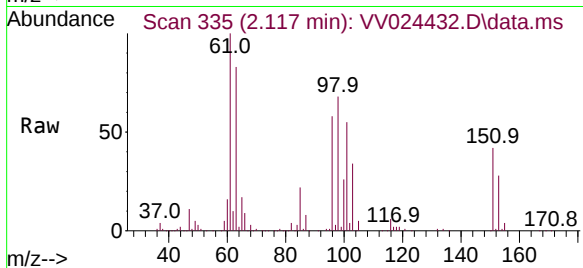




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.394 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.003 min
Lab File: VV024432.D
Acq: 26 Jan 2022 12:08

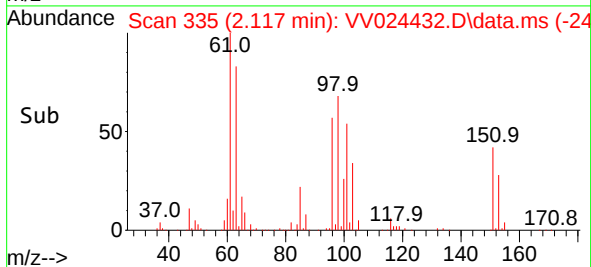
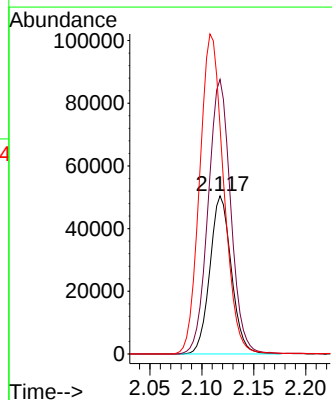
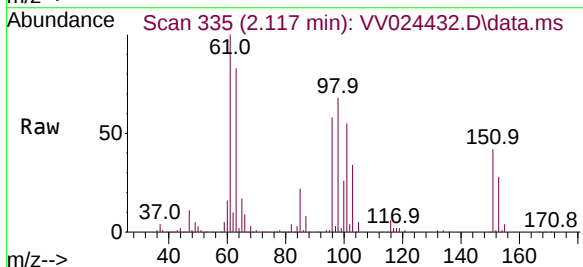
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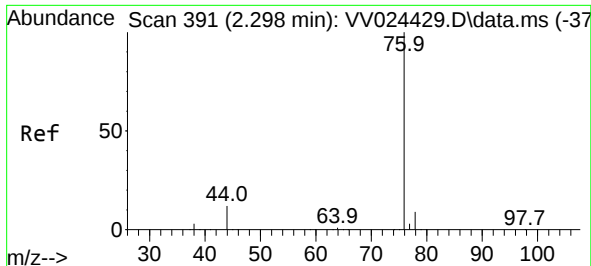
Tgt Ion:101 Resp: 79919
Ion Ratio Lower Upper
101 100
85 40.7 36.0 54.0
151 76.4 66.4 99.6



#12
1,1-Dichloroethene
Concen: 5.152 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.003 min
Lab File: VV024432.D
Acq: 26 Jan 2022 12:08

Tgt Ion: 96 Resp: 72375
Ion Ratio Lower Upper
96 100
61 173.7 116.1 215.5
63 143.8 79.4 147.4

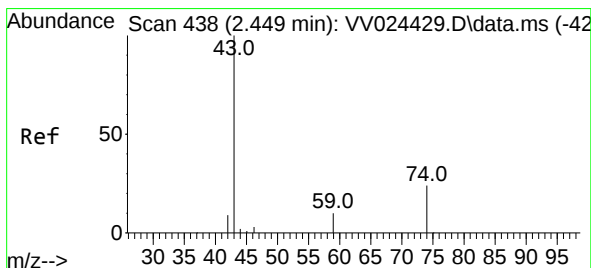
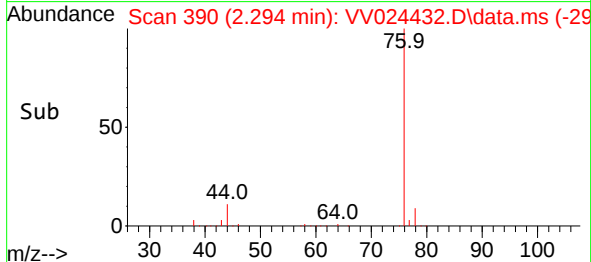
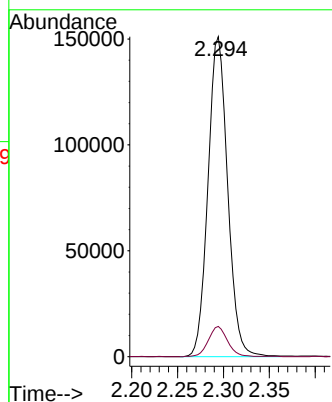
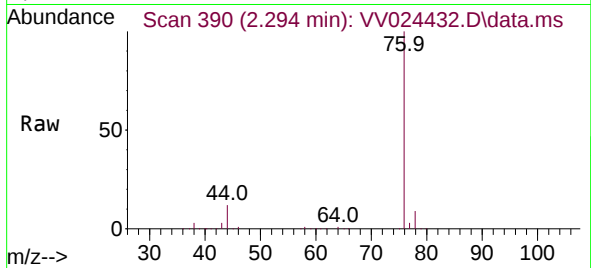




#14
Carbon disulfide
Concen: 5.217 ug/L
RT: 2.294 min Scan# 391
Delta R.T. -0.003 min
Lab File: VV024432.D
Acq: 26 Jan 2022 12:08

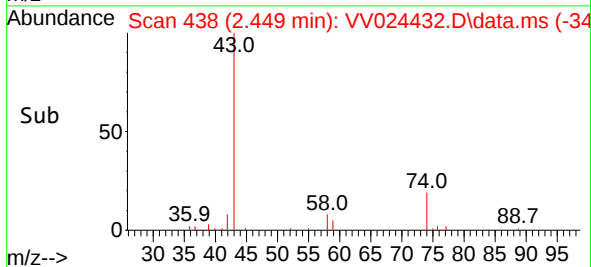
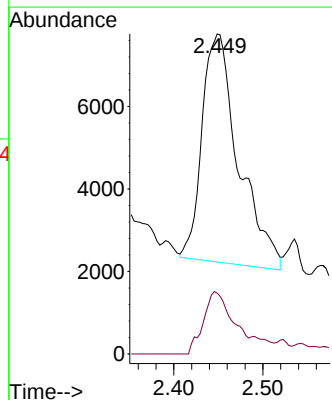
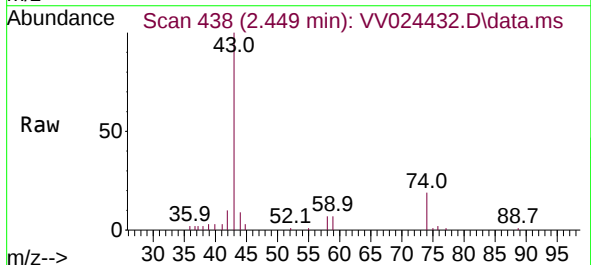
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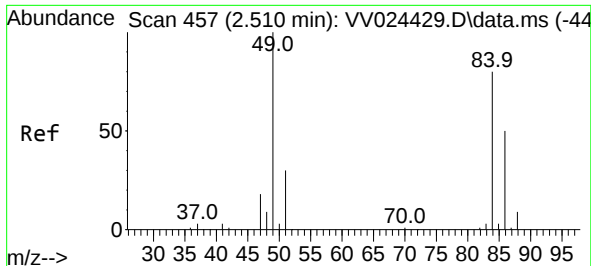
Tgt Ion: 76 Resp: 225284
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3



#15
Methyl Acetate
Concen: 4.289 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV024432.D
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Tgt Ion: 43 Resp: 15763
Ion Ratio Lower Upper
43 100
74 21.9 20.2 30.2

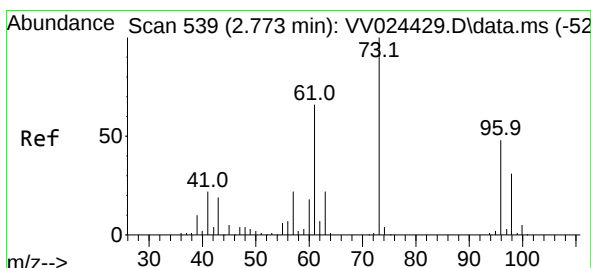
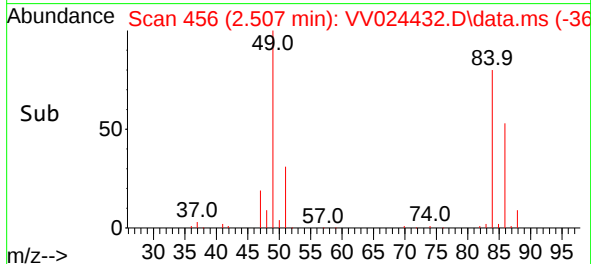
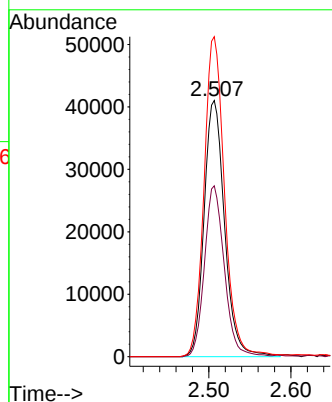
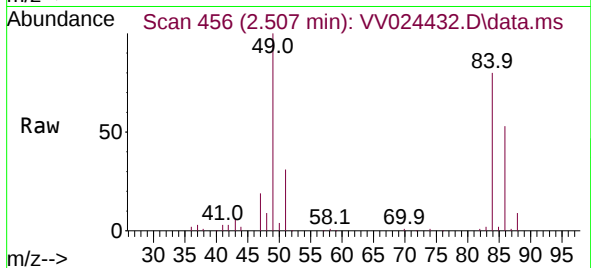




#16
Methylene chloride
Concen: 4.958 ug/L
RT: 2.507 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV024432.D
Acq: 26 Jan 2022 12:08

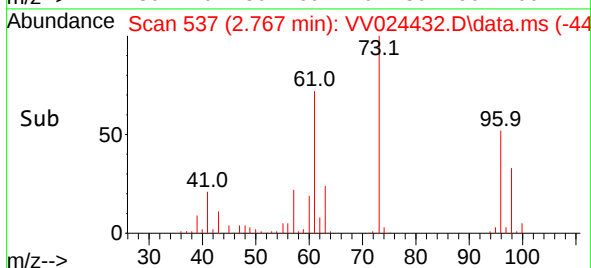
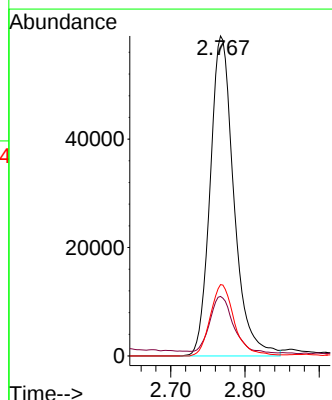
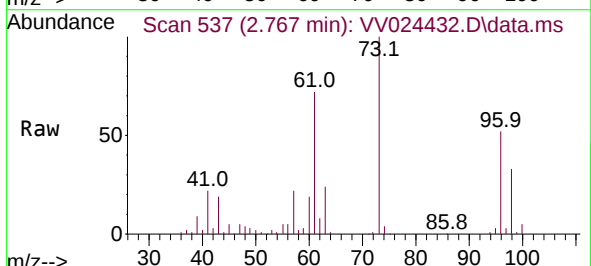
Instrument :
MSVOA_V
ClientSampleId :

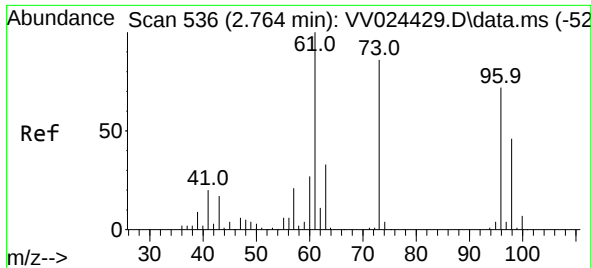
Tgt Ion: 84 Resp: 71296
Ion Ratio Lower Upper
84 100
86 66.7 42.6 79.0
49 124.9 79.7 147.9



#17
Methyl tert-butyl Ether
Concen: 5.186 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.006 min
Lab File: VV024432.D
Acq: 26 Jan 2022 12:08

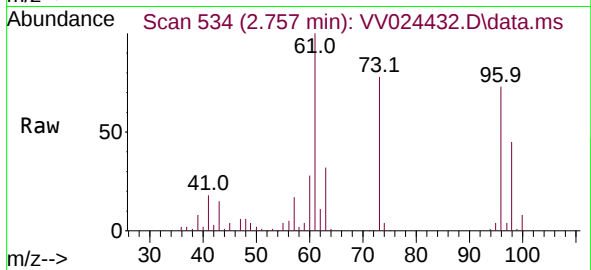
Tgt Ion: 73 Resp: 131124
Ion Ratio Lower Upper
73 100
43 17.6 15.5 23.3
57 22.7 17.1 25.7



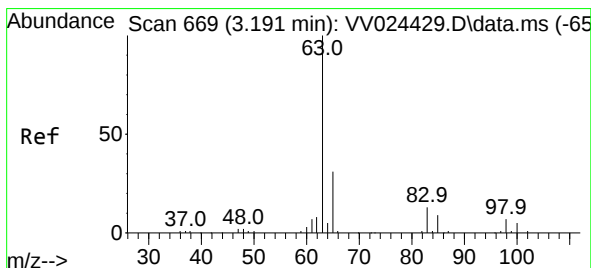
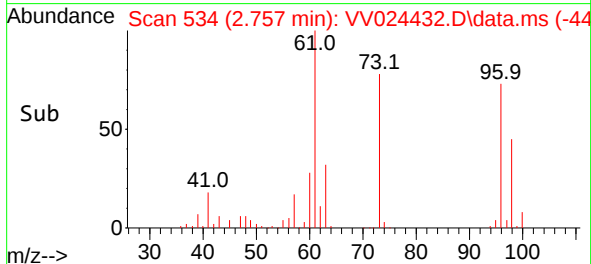
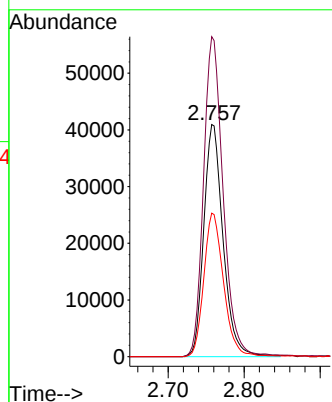


#18
trans-1,2-Dichloroethene
Concen: 5.356 ug/L
RT: 2.757 min Scan# 51
Delta R.T. -0.006 min
Lab File: VV024432.D
Acq: 26 Jan 2022 12:08

Instrument :
MSVOA_V
ClientSampleId :

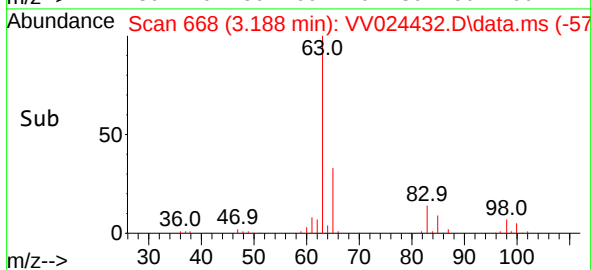
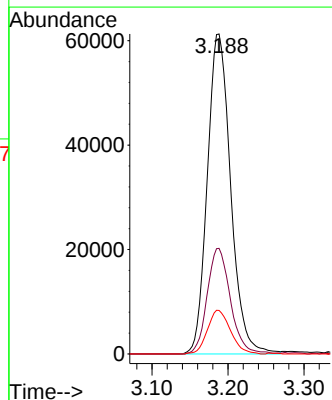
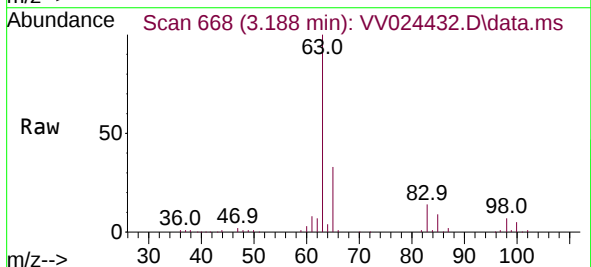


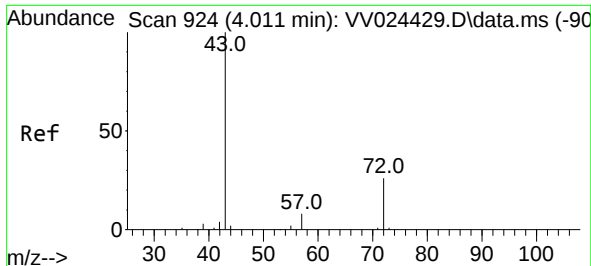
Tgt Ion: 96 Resp: 72206
Ion Ratio Lower Upper
96 100
61 137.8 88.2 163.8
98 61.8 44.9 83.5



#19
1,1-Dichloroethane
Concen: 5.221 ug/L
RT: 3.188 min Scan# 668
Delta R.T. -0.003 min
Lab File: VV024432.D
Acq: 26 Jan 2022 12:08

Tgt Ion: 63 Resp: 131206
Ion Ratio Lower Upper
63 100
65 33.0 22.3 41.3
83 13.6 10.7 19.9

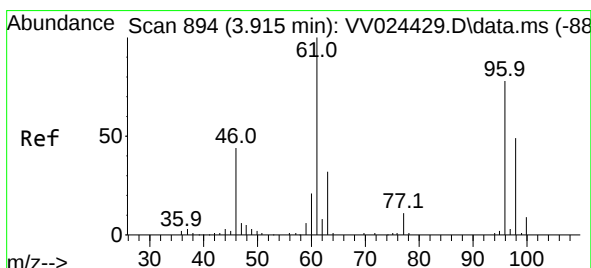
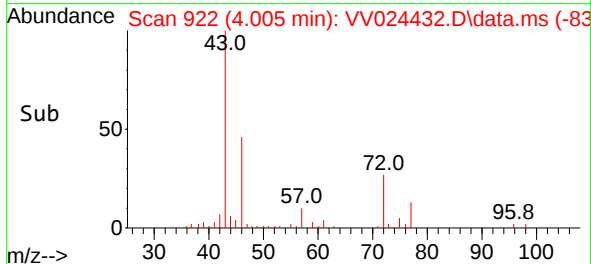
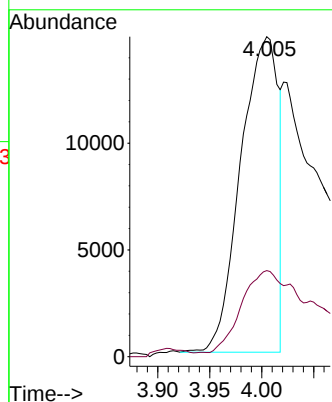
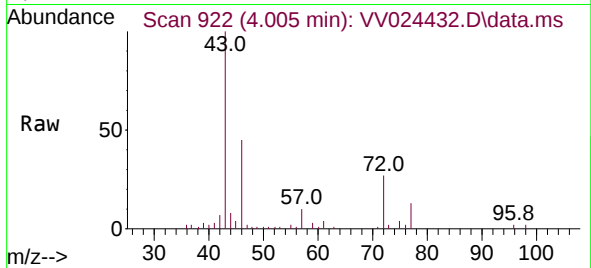




#21
2-Butanone
Concen: 15.048 ug/L
RT: 4.005 min Scan# 91
Delta R.T. -0.006 min
Lab File: VV024432.D
Acq: 26 Jan 2022 12:08

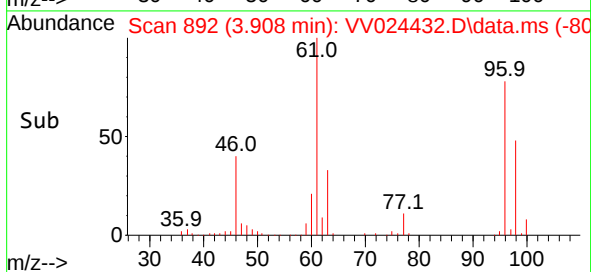
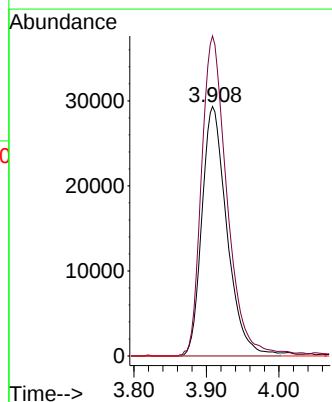
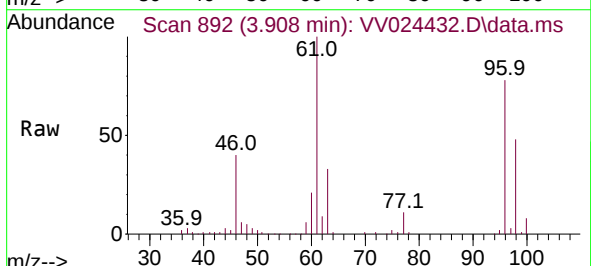
Instrument :
MSVOA_V
ClientSampleId :

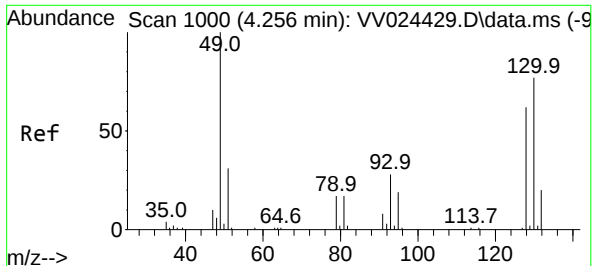
Tgt Ion: 43 Resp: 37001
Ion Ratio Lower Upper
43 100
72 35.8 11.1 33.1#



#22
cis-1,2-Dichloroethene
Concen: 5.198 ug/L
RT: 3.908 min Scan# 892
Delta R.T. -0.006 min
Lab File: VV024432.D
Acq: 26 Jan 2022 12:08

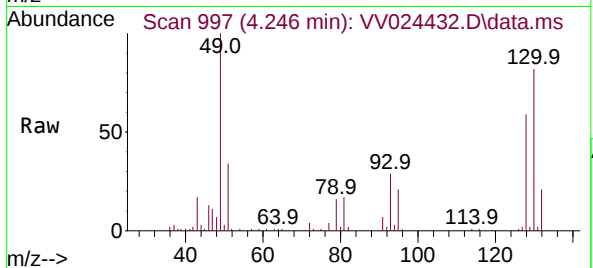
Tgt Ion: 96 Resp: 70383
Ion Ratio Lower Upper
96 100
61 128.3 83.4 154.8
68 0.0 0.0 0.0



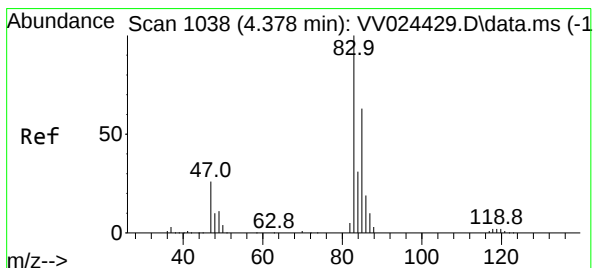
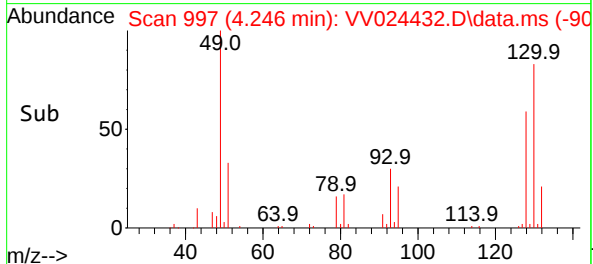
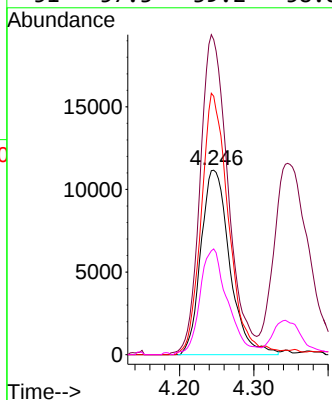


#23
Bromochloromethane
Concen: 4.949 ug/L
RT: 4.246 min Scan# 997
Delta R.T. -0.010 min
Lab File: VV024432.D
Acq: 26 Jan 2022 12:08

Instrument :
MSVOA_V
ClientSampleId :

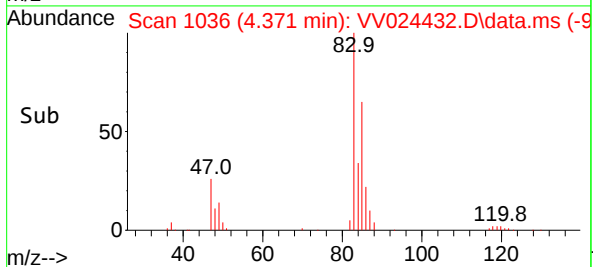
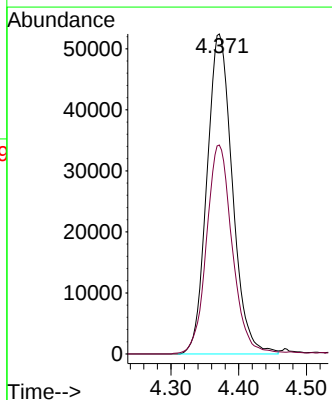
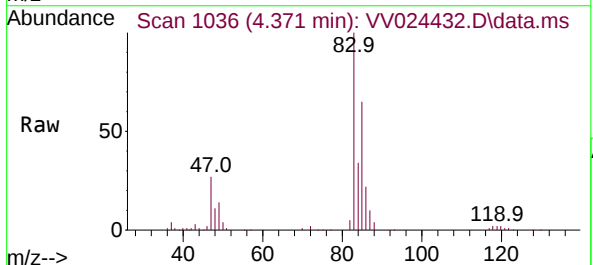


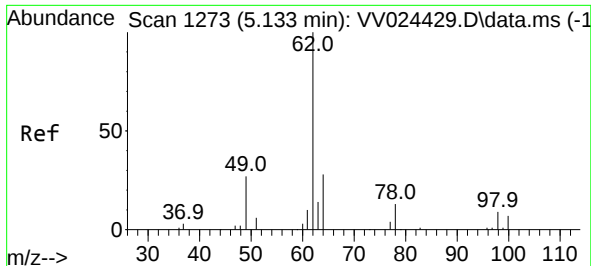
Tgt Ion:128 Resp: 30064
Ion Ratio Lower Upper
128 100
49 170.7 100.2 186.2
130 140.0 92.5 171.7
51 57.3 39.2 58.8



#25
Chloroform
Concen: 4.794 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VV024432.D
Acq: 26 Jan 2022 12:08

Tgt Ion: 83 Resp: 136814
Ion Ratio Lower Upper
83 100
85 65.3 45.2 84.0





#27

1,2-Dichloroethane

Concen: 5.235 ug/L

RT: 5.130 min Scan# 1108

Delta R.T. -0.003 min

Lab File: VV024432.D

Acq: 26 Jan 2022 12:08

Instrument :

MSVOA_V

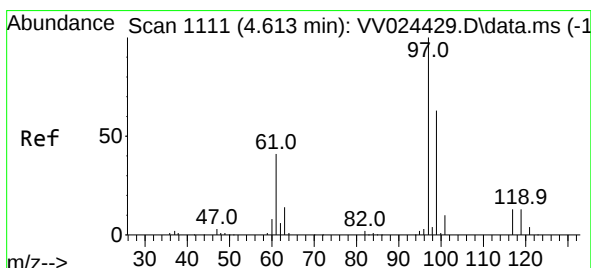
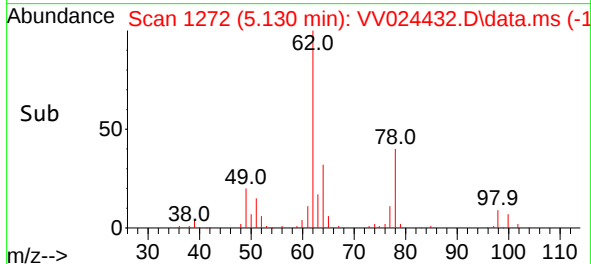
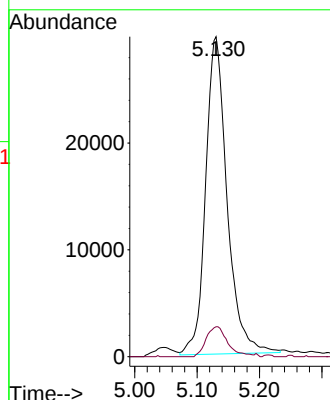
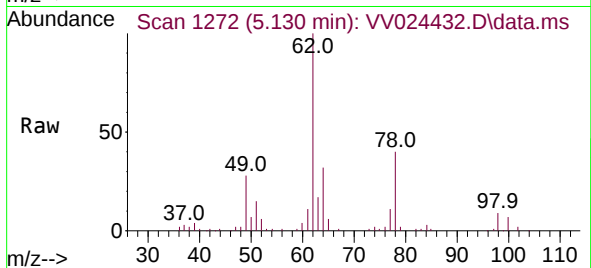
ClientSampleId :

Tgt Ion: 62 Resp: 71217

Ion Ratio Lower Upper

62 100

98 9.4 8.1 12.1



#29

1,1,1-Trichloroethane

Concen: 5.180 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.010 min

Lab File: VV024432.D

Acq: 26 Jan 2022 12:08

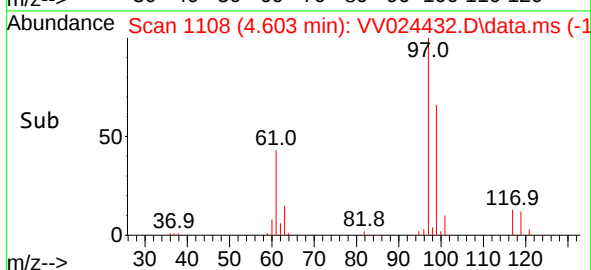
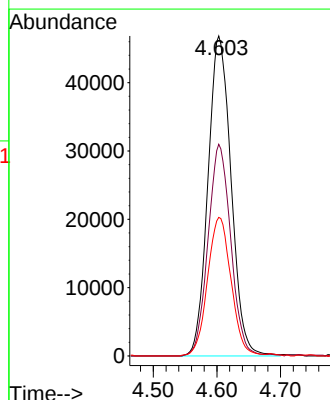
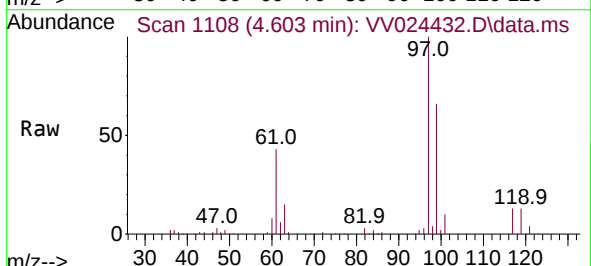
Tgt Ion: 97 Resp: 118373

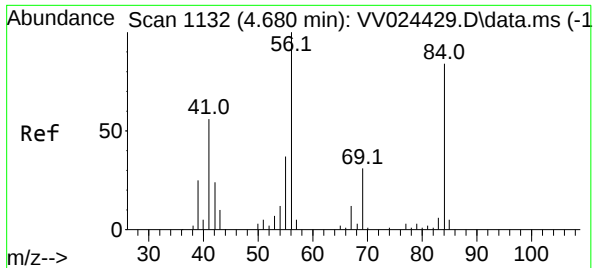
Ion Ratio Lower Upper

97 100

99 65.0 51.9 77.9

61 44.0 33.2 49.8

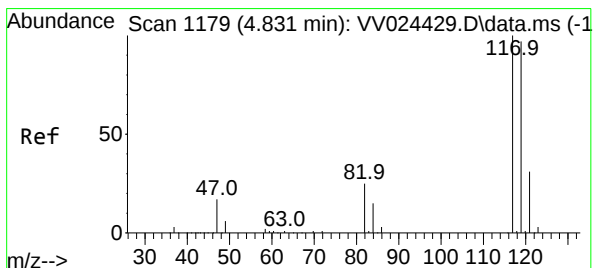
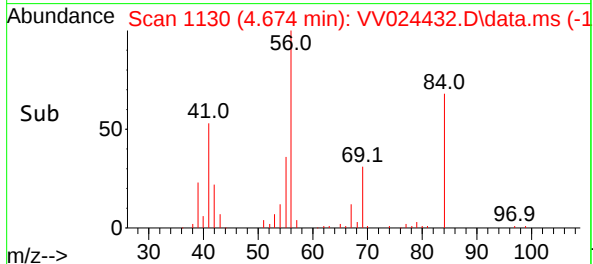
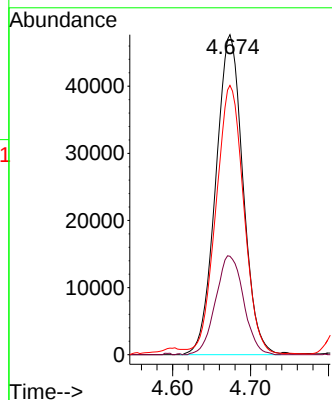
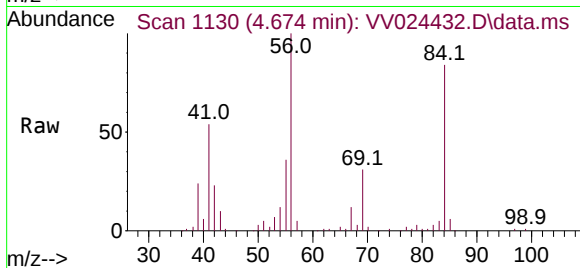




#30
Cyclohexane
Concen: 5.372 ug/L
RT: 4.674 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VV024432.D
Acq: 26 Jan 2022 12:08

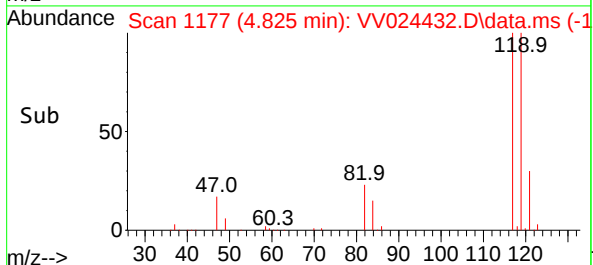
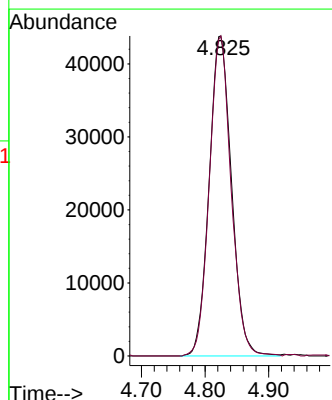
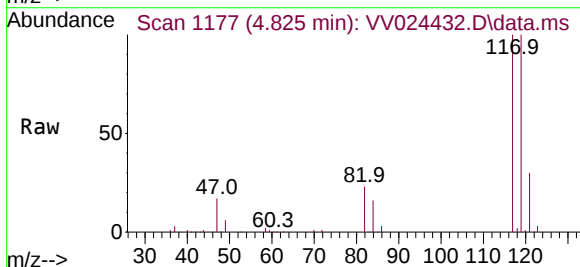
Instrument :
MSVOA_V
ClientSampleId :

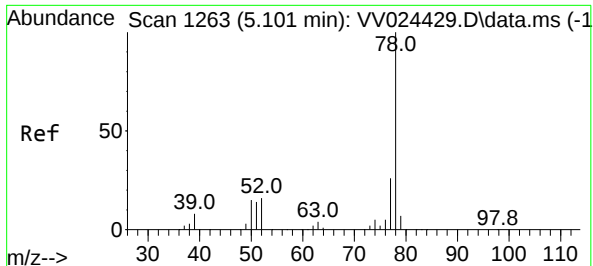
Tgt Ion: 56 Resp: 115883
Ion Ratio Lower Upper
56 100
69 31.6 24.8 37.2
84 85.4 75.9 113.9



#31
Carbon tetrachloride
Concen: 5.202 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.006 min
Lab File: VV024432.D
Acq: 26 Jan 2022 12:08

Tgt Ion: 117 Resp: 106965
Ion Ratio Lower Upper
117 100
119 97.6 76.6 114.8

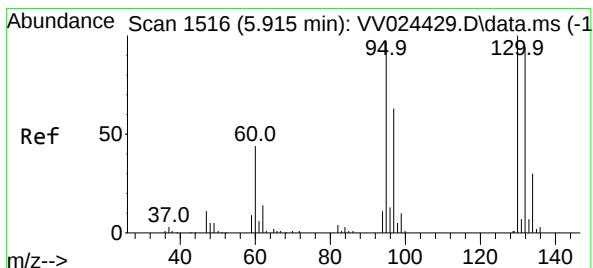
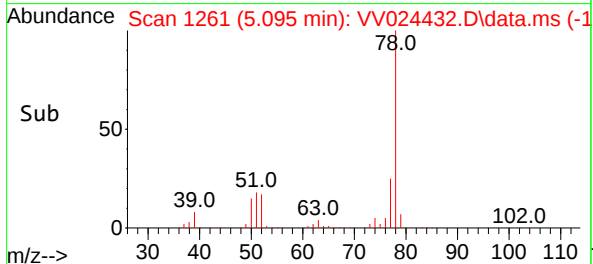
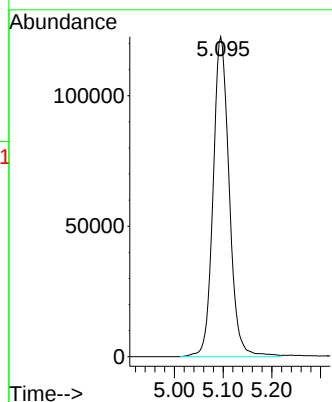
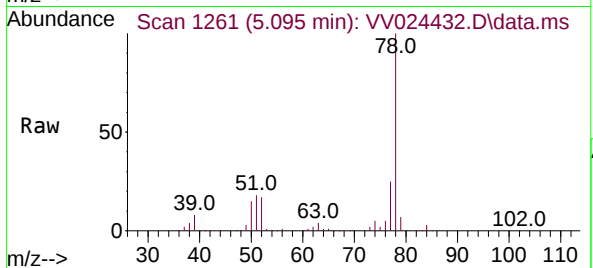




#33
Benzene
Concen: 5.342 ug/L
RT: 5.095 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VV024432.D
Acq: 26 Jan 2022 12:08

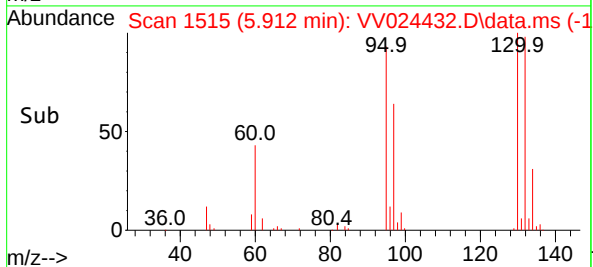
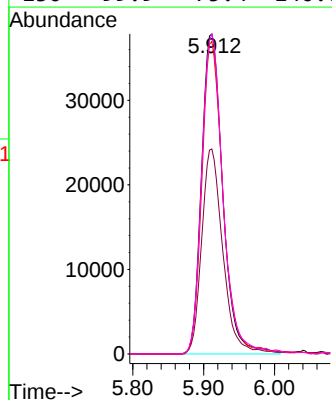
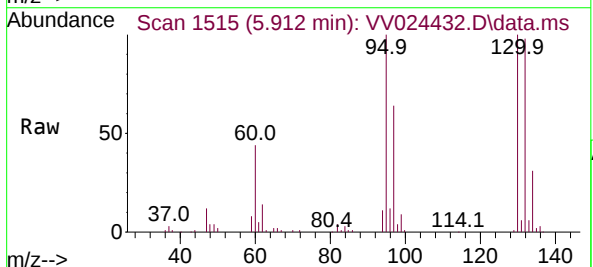
Instrument :
MSVOA_V
ClientSampleId :

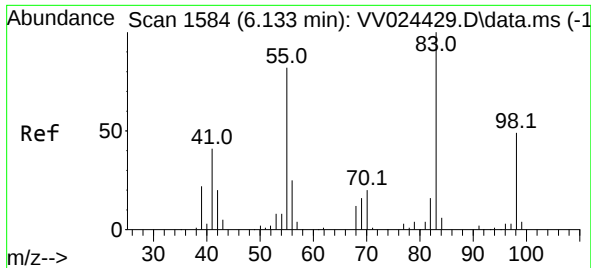
Tgt Ion: 78 Resp: 281664



#34
Trichloroethene
Concen: 5.287 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. -0.003 min
Lab File: VV024432.D
Acq: 26 Jan 2022 12:08

Tgt Ion: 95 Resp: 78808
Ion Ratio Lower Upper
95 100
97 64.0 45.2 84.0
132 97.7 76.1 141.3
130 99.9 75.4 140.0





#35

Methylcyclohexane

Concen: 5.442 ug/L

RT: 6.127 min Scan# 1

Delta R.T. -0.006 min

Lab File: VV024432.D

Acq: 26 Jan 2022 12:08

Instrument :

MSVOA_V

ClientSampleId :

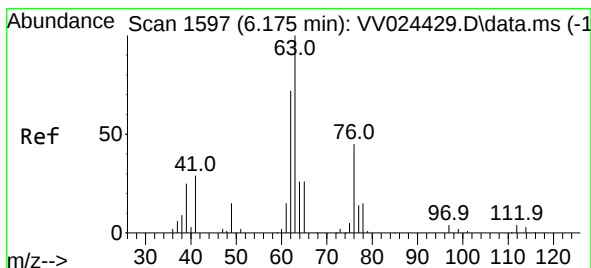
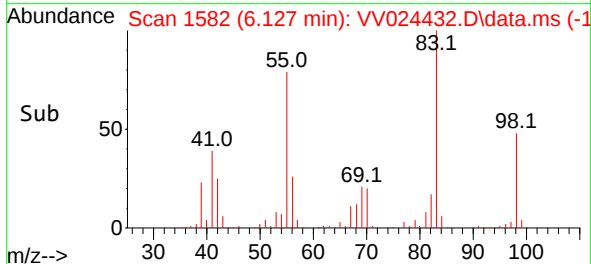
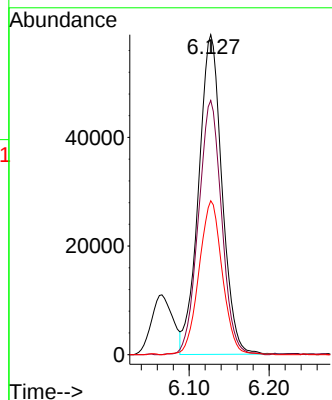
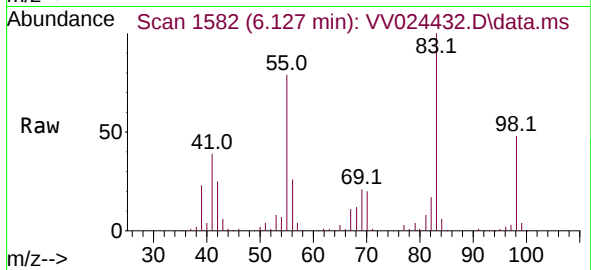
Tgt Ion: 83 Resp: 119646

Ion Ratio Lower Upper

83 100

55 78.9 60.2 90.2

98 48.1 41.0 61.4



#37

1,2-Dichloropropane

Concen: 5.244 ug/L

RT: 6.169 min Scan# 1595

Delta R.T. -0.006 min

Lab File: VV024432.D

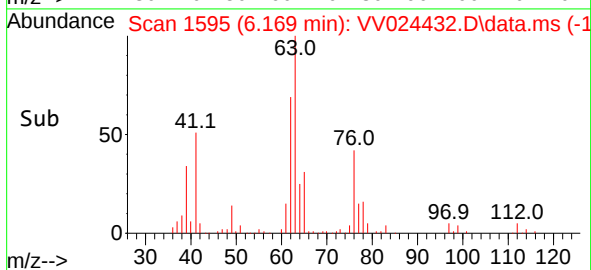
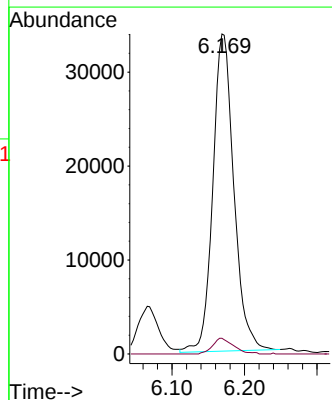
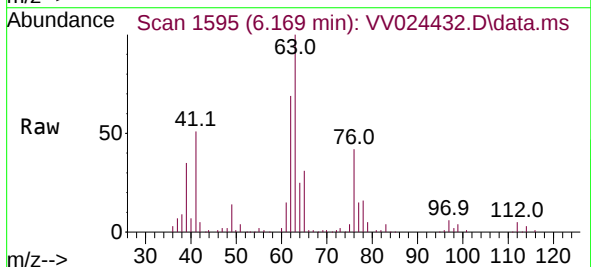
Acq: 26 Jan 2022 12:08

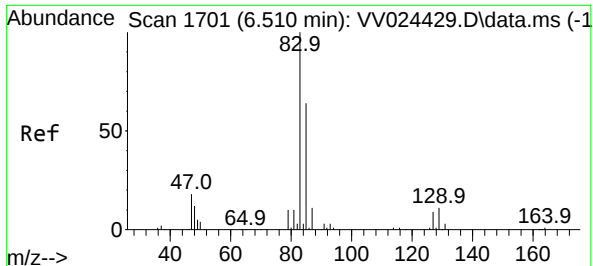
Tgt Ion: 63 Resp: 67937

Ion Ratio Lower Upper

63 100

112 5.0 4.3 6.5

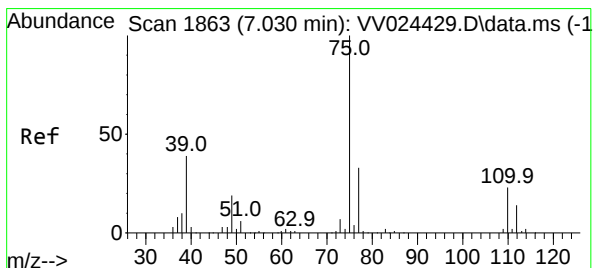
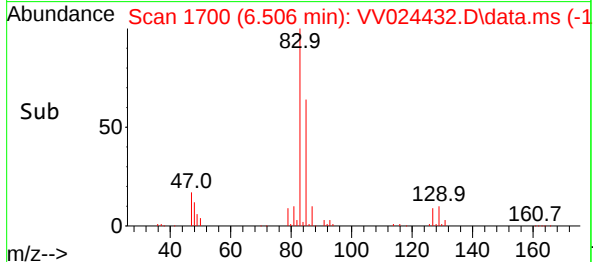
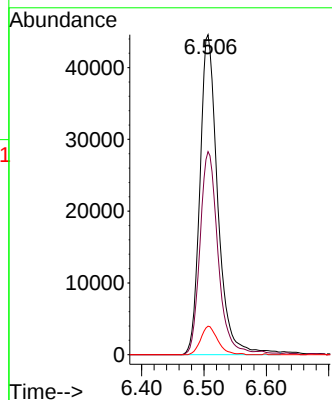
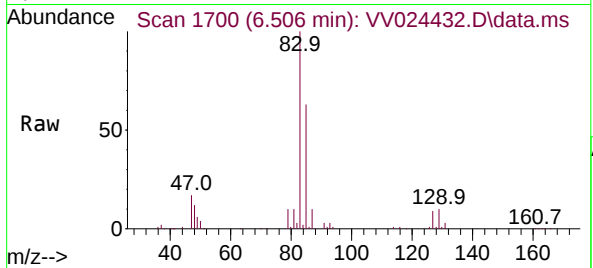




#38
Bromodichloromethane
Concen: 5.058 ug/L
RT: 6.506 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV024432.D
Acq: 26 Jan 2022 12:08

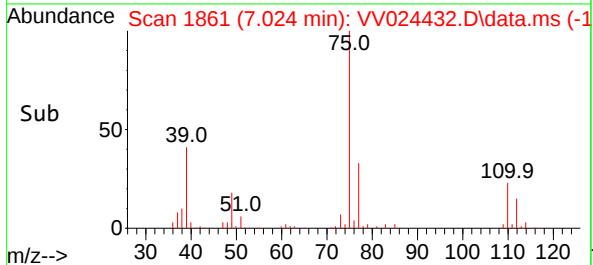
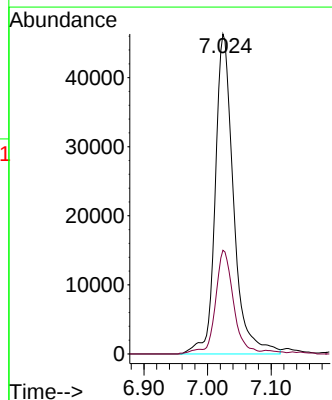
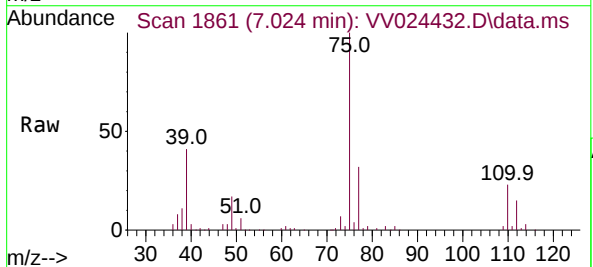
Instrument :
MSVOA_V
ClientSampleId :

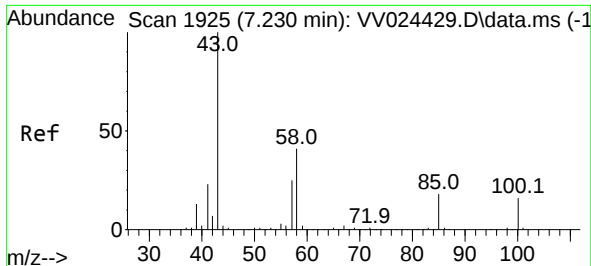
Tgt Ion: 83 Resp: 88719
Ion Ratio Lower Upper
83 100
85 63.5 44.0 81.8
127 8.9 8.6 12.8



#39
cis-1,3-Dichloropropene
Concen: 5.311 ug/L
RT: 7.024 min Scan# 1861
Delta R.T. -0.006 min
Lab File: VV024432.D
Acq: 26 Jan 2022 12:08

Tgt Ion: 75 Resp: 92705
Ion Ratio Lower Upper
75 100
77 32.4 22.0 41.0





#40

4-Methyl-2-pentanone

Concen: 54.141 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. -0.003 min

Lab File: VV024432.D

Acq: 26 Jan 2022 12:08

Instrument :

MSVOA_V

ClientSampleId :

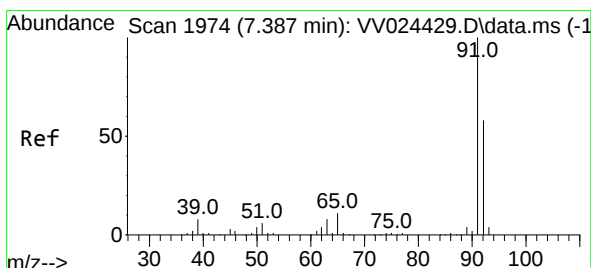
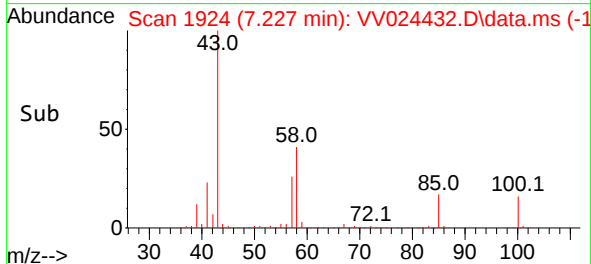
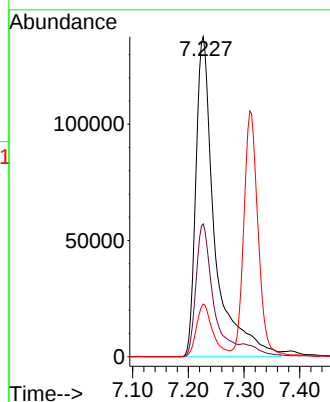
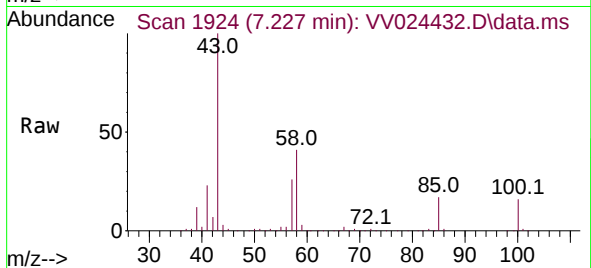
Tgt Ion: 43 Resp: 326952

Ion Ratio Lower Upper

43 100

58 37.6 32.3 48.5

100 14.2 13.0 19.6



#42

Toluene

Concen: 5.478 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. -0.003 min

Lab File: VV024432.D

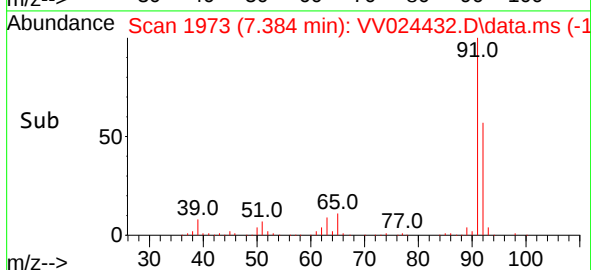
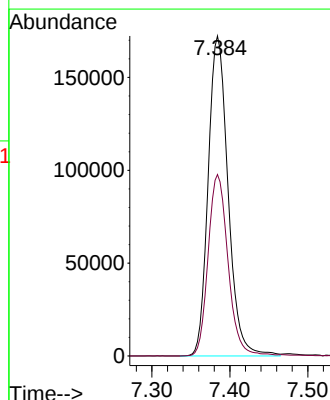
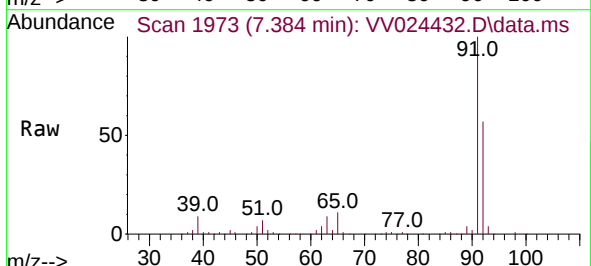
Acq: 26 Jan 2022 12:08

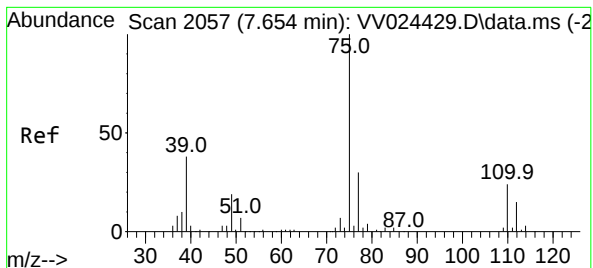
Tgt Ion: 91 Resp: 305946

Ion Ratio Lower Upper

91 100

92 56.7 41.5 77.1





#44

trans-1,3-Dichloropropene

Concen: 5.255 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.006 min

Lab File: VV024432.D

Acq: 26 Jan 2022 12:08

Instrument :

MSVOA_V

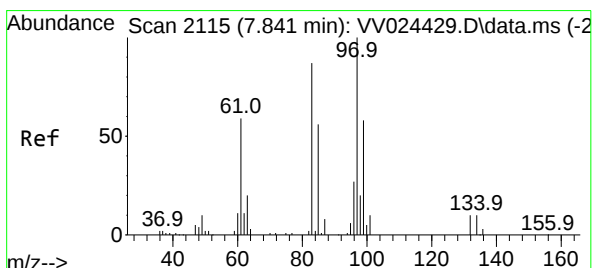
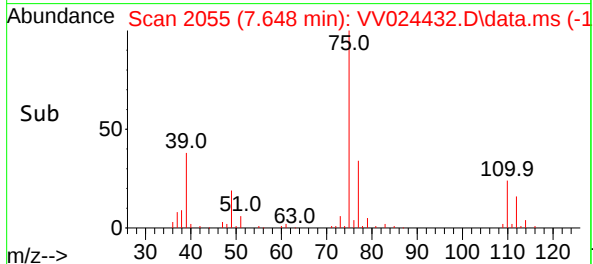
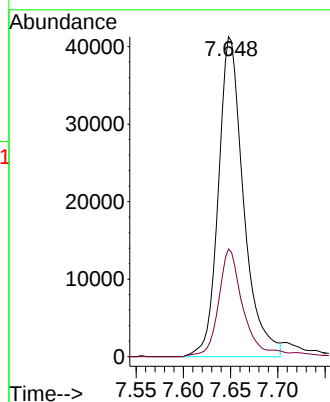
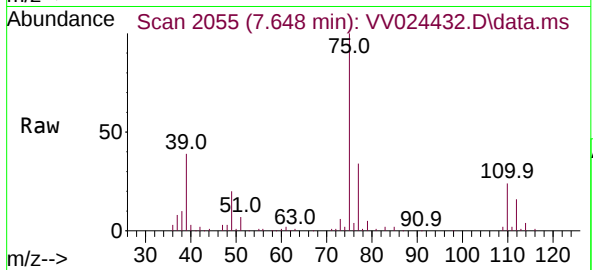
ClientSampleId :

Tgt Ion: 75 Resp: 76420

Ion Ratio Lower Upper

75 100

77 33.7 21.8 40.4



#45

1,1,2-Trichloroethane

Concen: 5.118 ug/L

RT: 7.837 min Scan# 2114

Delta R.T. -0.003 min

Lab File: VV024432.D

Acq: 26 Jan 2022 12:08

Tgt Ion: 97 Resp: 44829

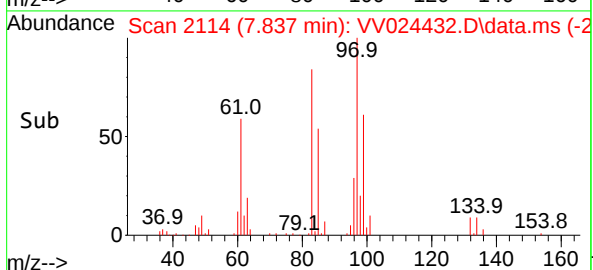
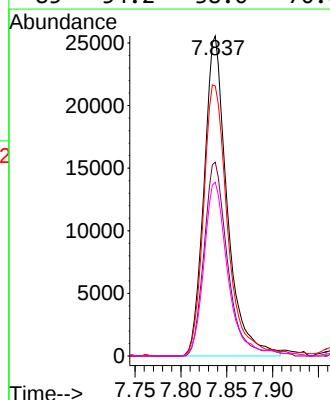
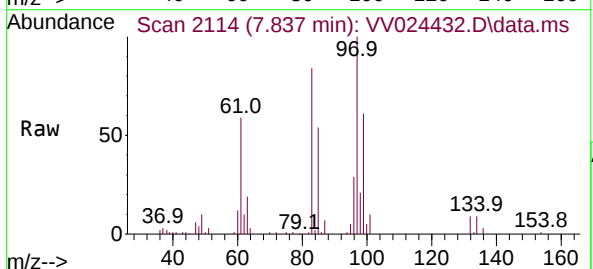
Ion Ratio Lower Upper

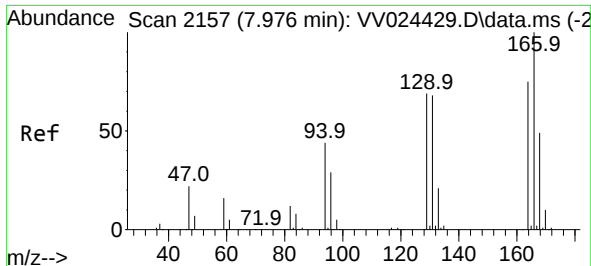
97 100

99 60.6 43.1 80.1

83 84.4 57.9 107.5

85 54.2 38.0 70.6

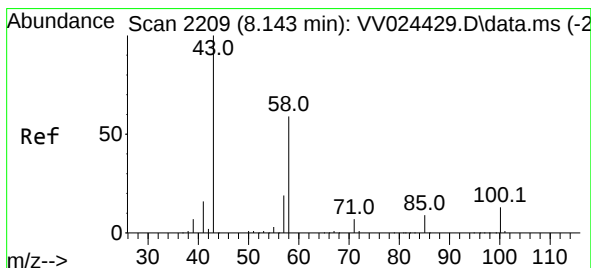
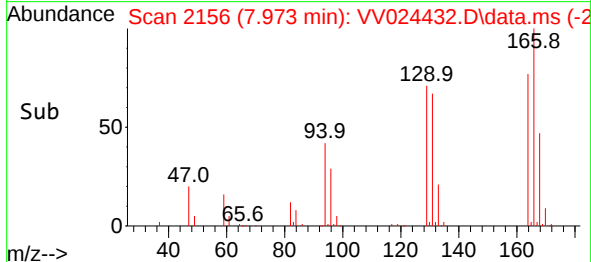
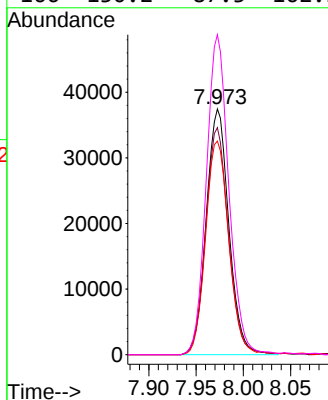
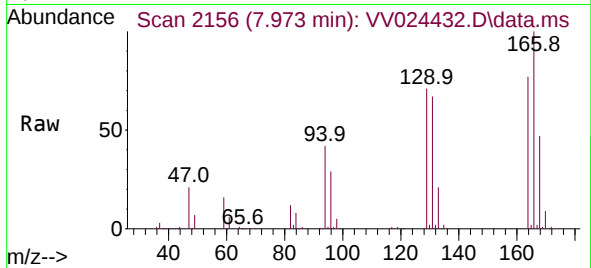




#47
Tetrachloroethene
Concen: 5.323 ug/L
RT: 7.973 min Scan# 2157
Delta R.T. -0.003 min
Lab File: VV024432.D
Acq: 26 Jan 2022 12:08

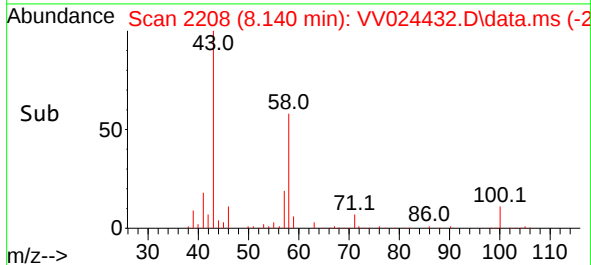
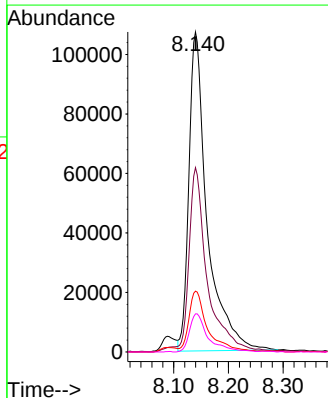
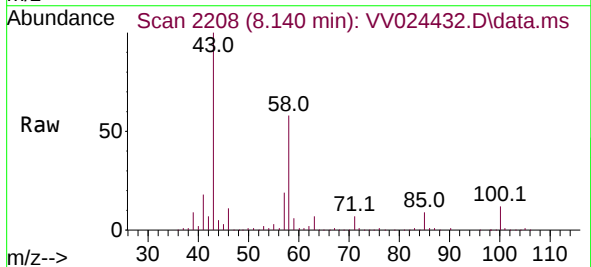
Instrument :
MSVOA_V
ClientSampleId :

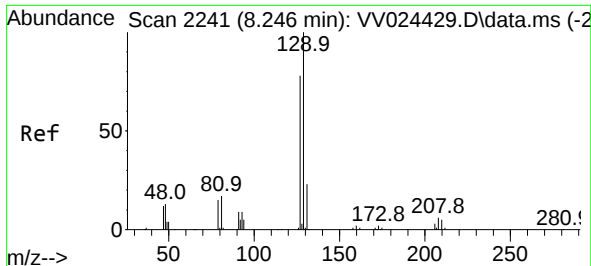
Tgt Ion:164 Resp: 62497
Ion Ratio Lower Upper
164 100
129 92.4 62.6 116.2
131 87.0 61.0 113.4
166 130.2 87.3 162.1



#48
2-Hexanone
Concen: 56.098 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.003 min
Lab File: VV024432.D
Acq: 26 Jan 2022 12:08

Tgt Ion: 43 Resp: 249079
Ion Ratio Lower Upper
43 100
58 58.7 44.5 66.7
57 18.9 15.1 22.7
100 12.2 10.7 16.1





#49

Dibromochloromethane

Concen: 5.093 ug/L

RT: 8.243 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV024432.D

Acq: 26 Jan 2022 12:08

Instrument :

MSVOA_V

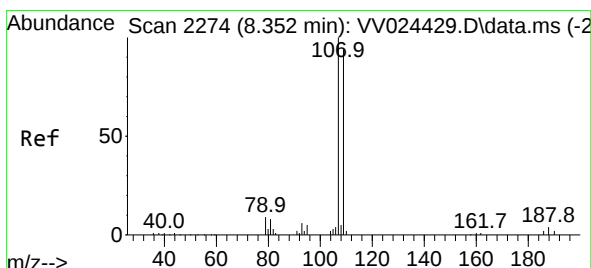
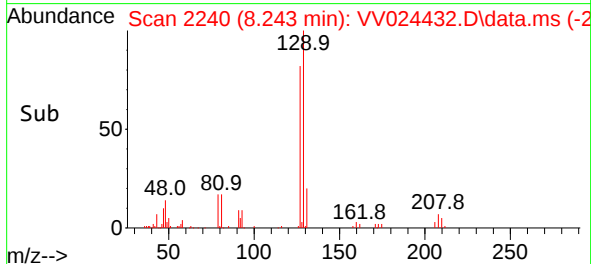
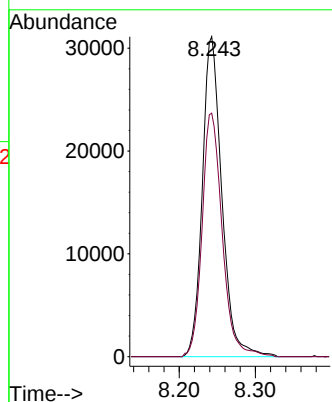
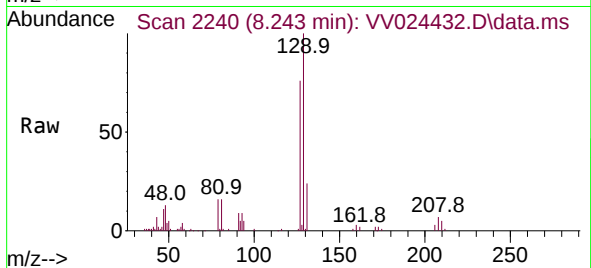
ClientSampleId :

Tgt Ion:129 Resp: 55523

Ion Ratio Lower Upper

129 100

127 76.1 53.5 99.3



#50

1,2-Dibromoethane

Concen: 5.296 ug/L

RT: 8.349 min Scan# 2273

Delta R.T. -0.003 min

Lab File: VV024432.D

Acq: 26 Jan 2022 12:08

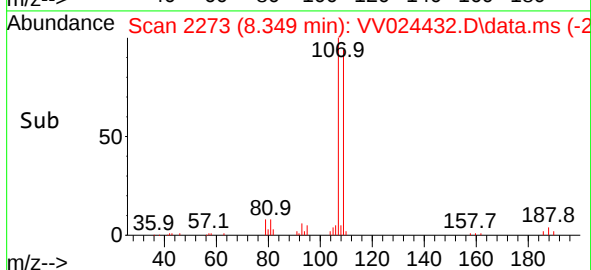
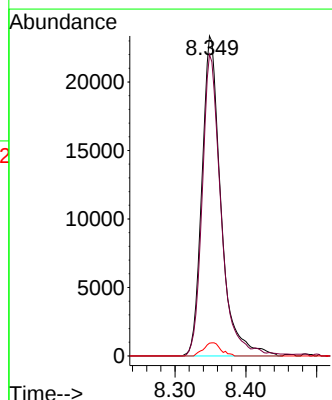
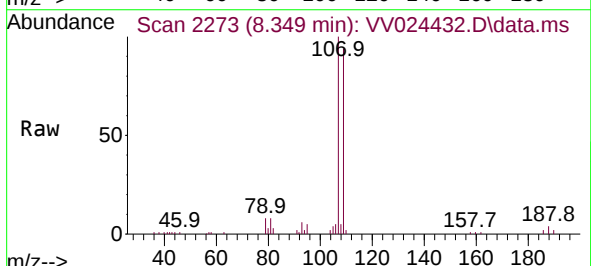
Tgt Ion:107 Resp: 43494

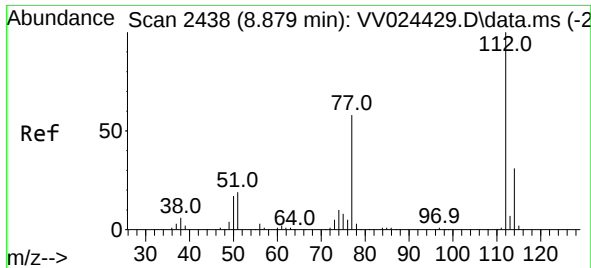
Ion Ratio Lower Upper

107 100

109 94.2 62.5 116.1

188 4.0 3.4 5.2

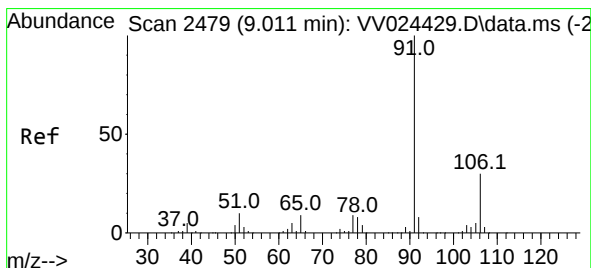
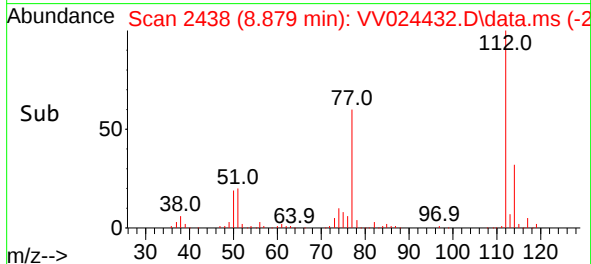
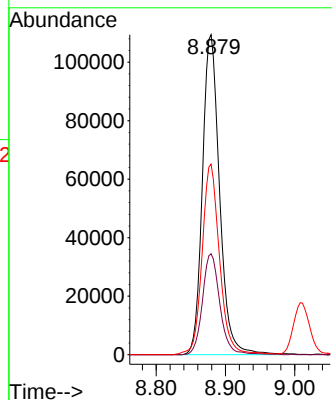
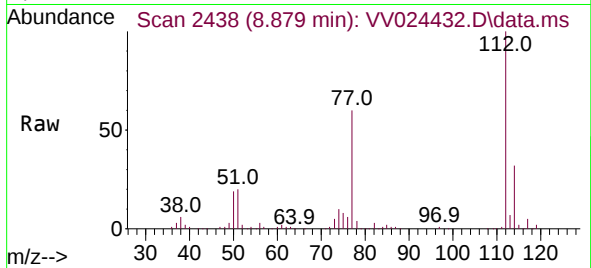




#51
Chlorobenzene
Concen: 5.226 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VV024432.D
Acq: 26 Jan 2022 12:08

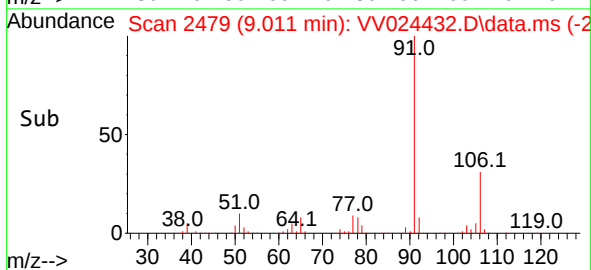
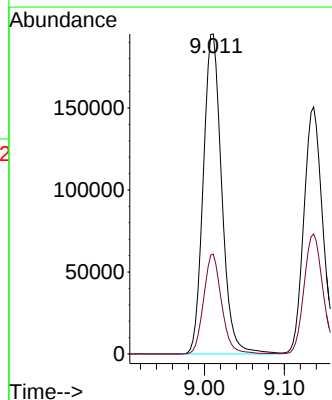
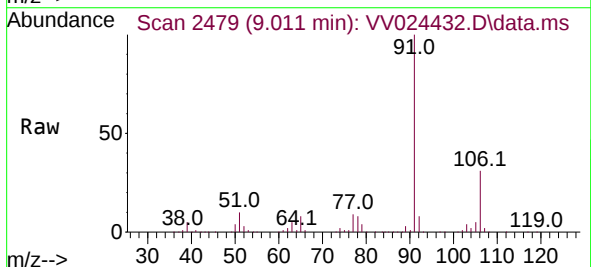
Instrument :
MSVOA_V
ClientSampleId :

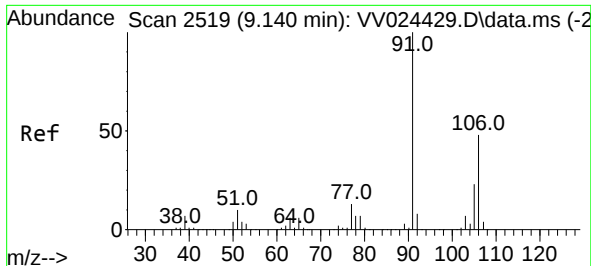
Tgt Ion:112 Resp: 188456
Ion Ratio Lower Upper
112 100
114 31.6 23.3 43.3
77 59.5 43.3 64.9



#52
Ethylbenzene
Concen: 5.344 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV024432.D
Acq: 26 Jan 2022 12:08

Tgt Ion: 91 Resp: 313820
Ion Ratio Lower Upper
91 100
106 31.2 22.0 41.0

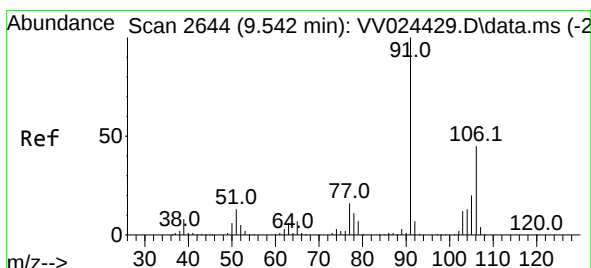
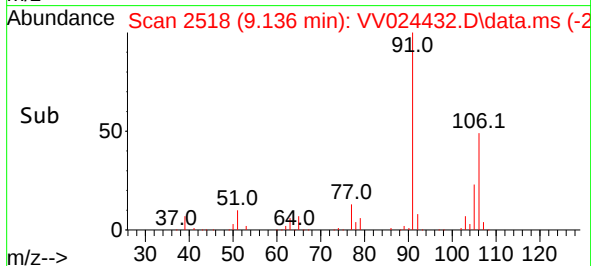
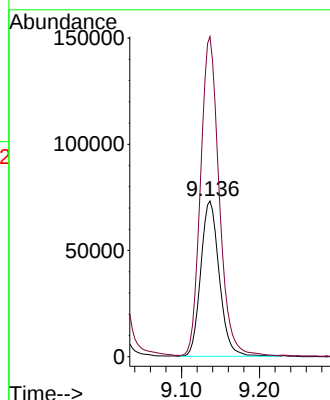
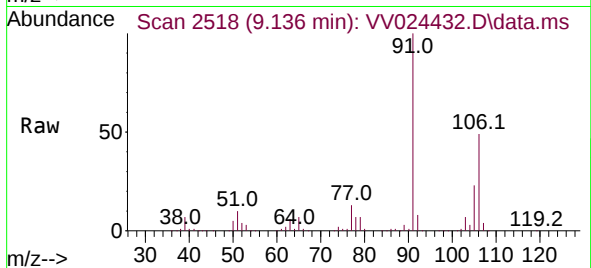




#53
m,p-xylene
Concen: 5.479 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.003 min
Lab File: VV024432.D
Acq: 26 Jan 2022 12:08

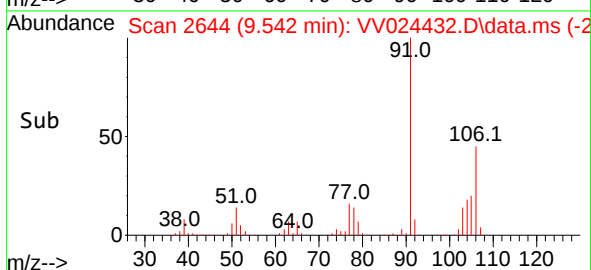
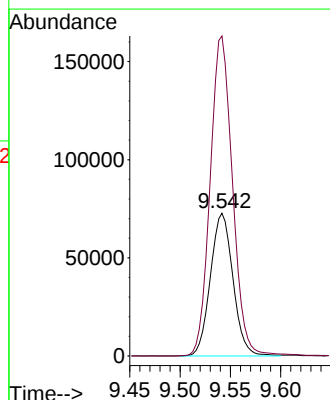
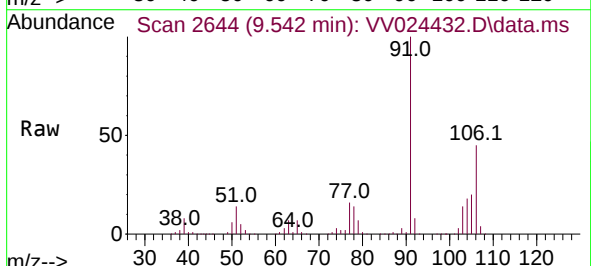
Instrument :
MSVOA_V
ClientSampleId :

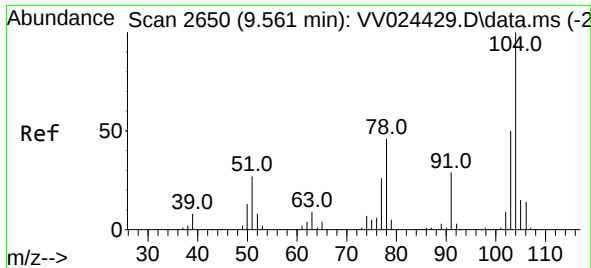
Tgt Ion:106 Resp: 120753
Ion Ratio Lower Upper
106 100
91 205.5 139.5 259.1



#54
o-xylene
Concen: 5.473 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV024432.D
Acq: 26 Jan 2022 12:08

Tgt Ion:106 Resp: 113688
Ion Ratio Lower Upper
106 100
91 224.2 147.9 274.7

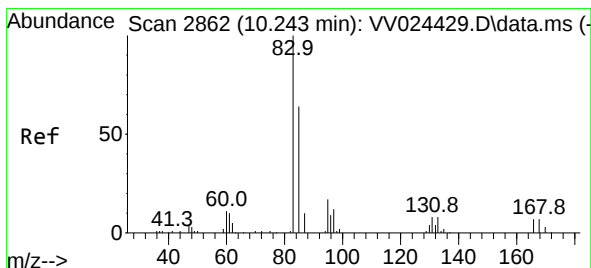
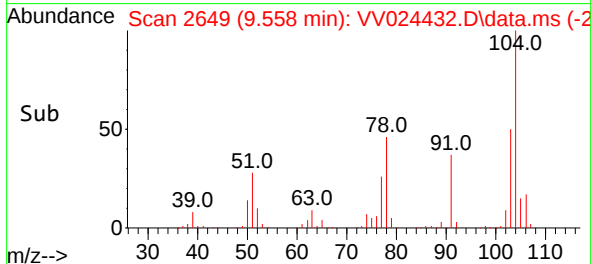
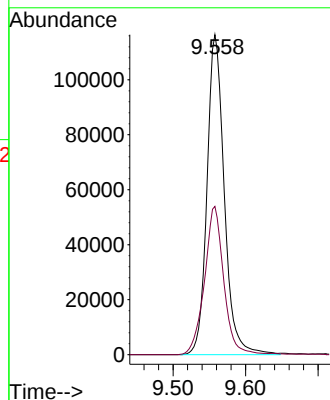
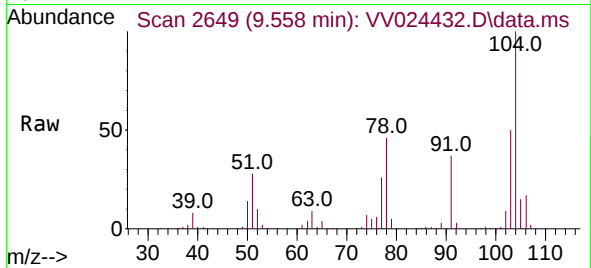




#55
Styrene
Concen: 5.557 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV024432.D
Acq: 26 Jan 2022 12:08

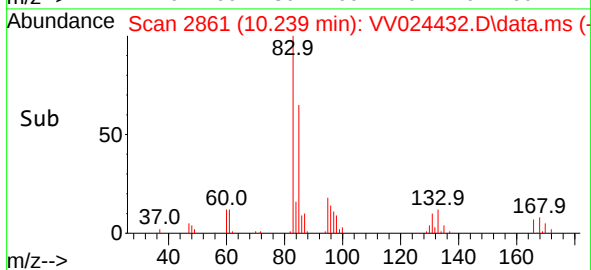
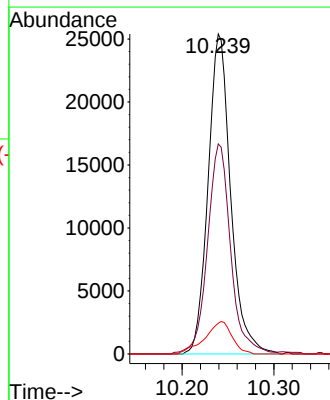
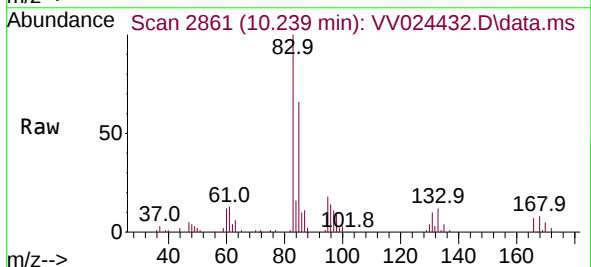
Instrument :
MSVOA_V
ClientSampleId :

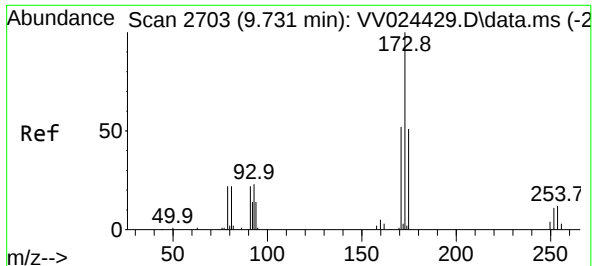
Tgt Ion:104 Resp: 192980
Ion Ratio Lower Upper
104 100
78 46.4 31.0 57.6



#57
1,1,2,2-Tetrachloroethane
Concen: 5.064 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.003 min
Lab File: VV024432.D
Acq: 26 Jan 2022 12:08

Tgt Ion: 83 Resp: 43439
Ion Ratio Lower Upper
83 100
85 65.7 44.6 82.8
131 9.6 8.3 12.5





#59

Bromoform

Concen: 5.203 ug/L

RT: 9.728 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV024432.D

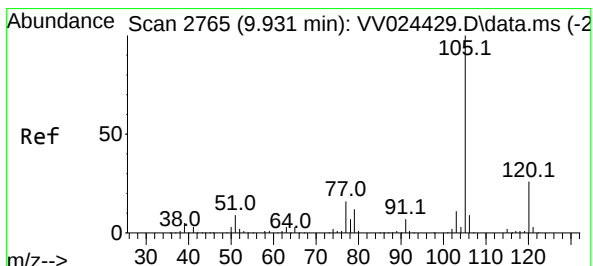
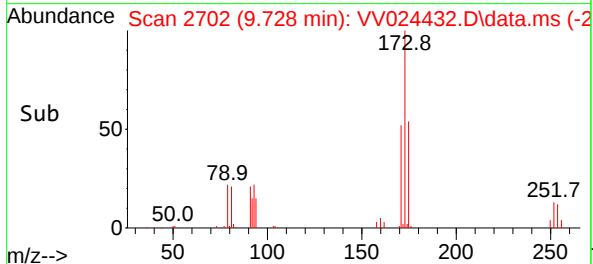
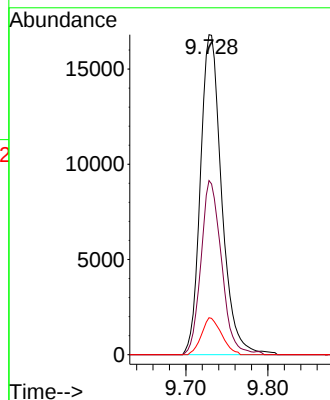
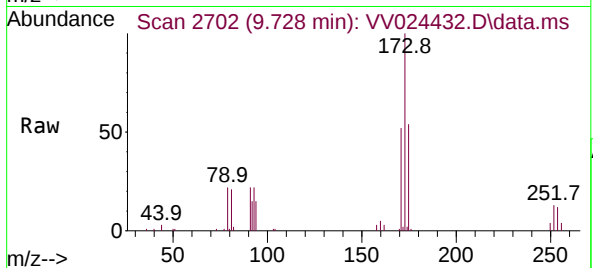
Acq: 26 Jan 2022 12:08

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:173	Resp:	30283
Ion Ratio	Lower	Upper
173	100	
175	52.4	39.4 59.2
254	10.9	7.4 11.0



#60

Isopropylbenzene

Concen: 5.578 ug/L

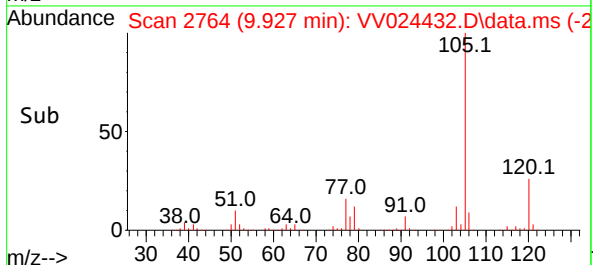
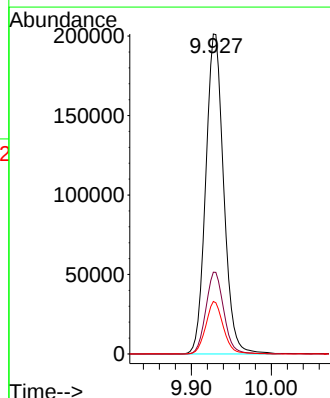
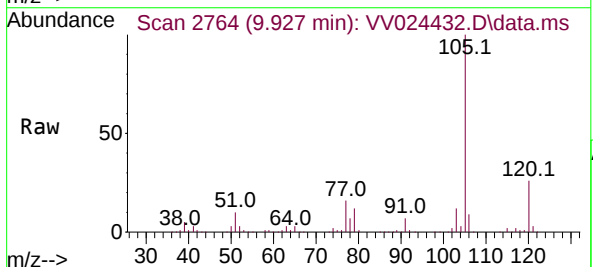
RT: 9.927 min Scan# 2764

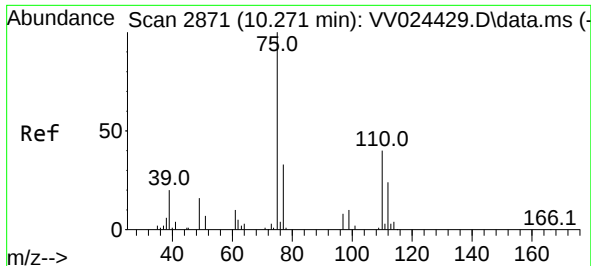
Delta R.T. -0.003 min

Lab File: VV024432.D

Acq: 26 Jan 2022 12:08

Tgt Ion:105	Resp:	314437
Ion Ratio	Lower	Upper
105	100	
120	25.6	21.4 32.0
77	16.1	12.2 18.4

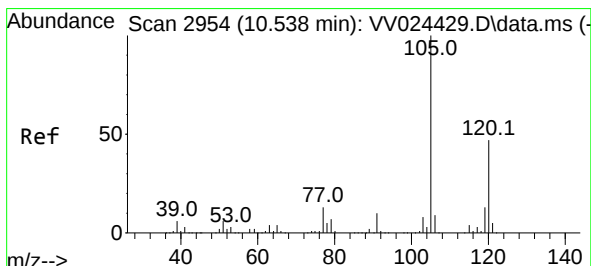
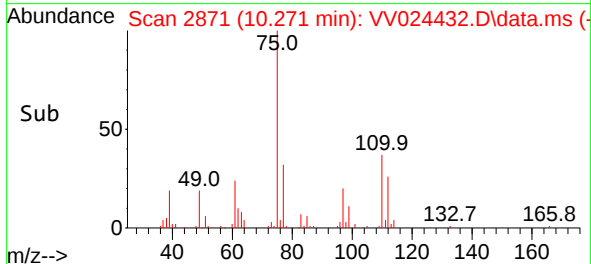
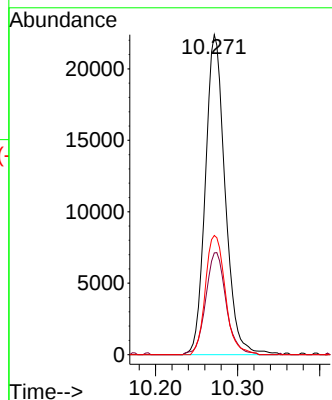
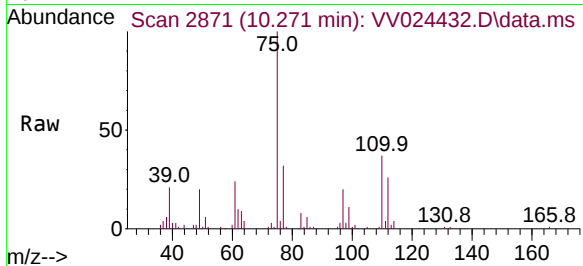




#61
1,2,3-Trichloropropane
Concen: 5.224 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV024432.D
Acq: 26 Jan 2022 12:08

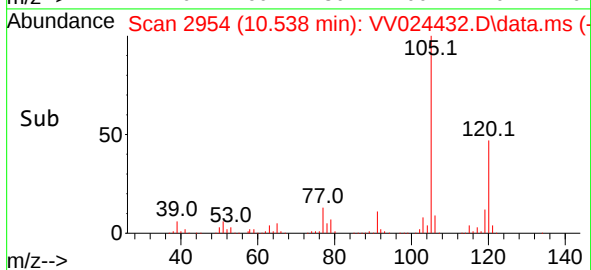
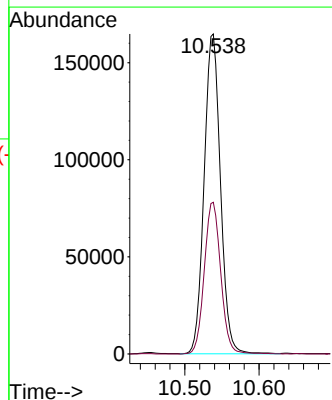
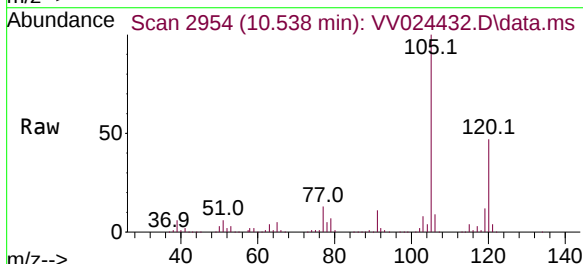
Instrument :
MSVOA_V
ClientSampleId :

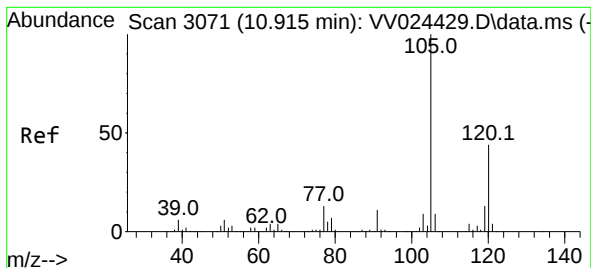
Tgt Ion: 75 Resp: 37472
Ion Ratio Lower Upper
75 100
77 32.9 26.4 39.6
110 37.5 34.2 51.2



#62
1,3,5-Trimethylbenzene
Concen: 5.533 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV024432.D
Acq: 26 Jan 2022 12:08

Tgt Ion: 105 Resp: 251164
Ion Ratio Lower Upper
105 100
120 47.9 40.1 60.1





#63

1,2,4-Trimethylbenzene

Concen: 5.668 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.003 min

Lab File: VV024432.D

Acq: 26 Jan 2022 12:08

Instrument :

MSVOA_V

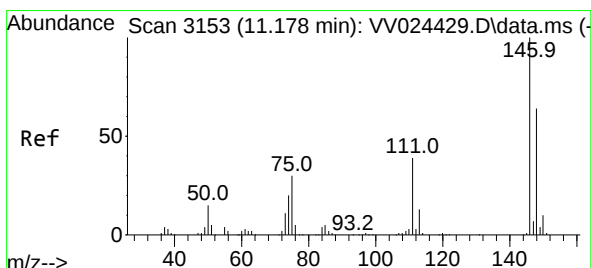
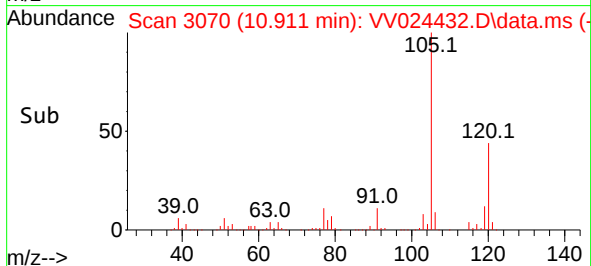
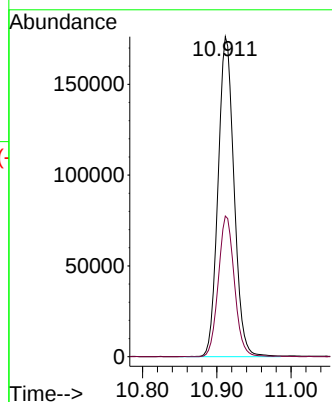
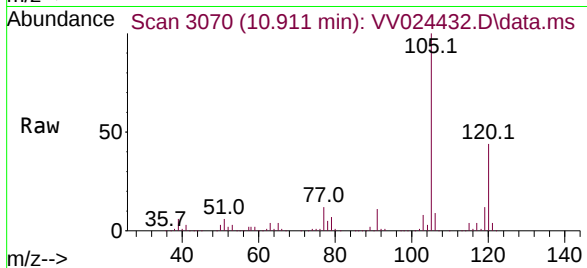
ClientSampleId :

Tgt Ion:105 Resp: 263995

Ion Ratio Lower Upper

105 100

120 44.2 36.7 55.1



#64

1,3-Dichlorobenzene

Concen: 5.462 ug/L

RT: 11.178 min Scan# 3153

Delta R.T. 0.000 min

Lab File: VV024432.D

Acq: 26 Jan 2022 12:08

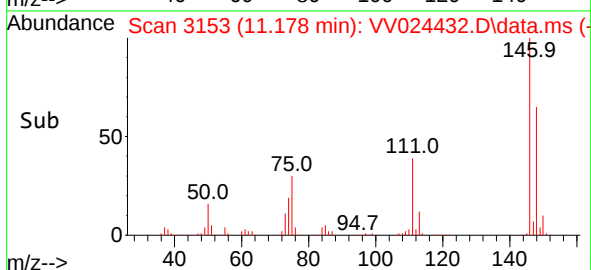
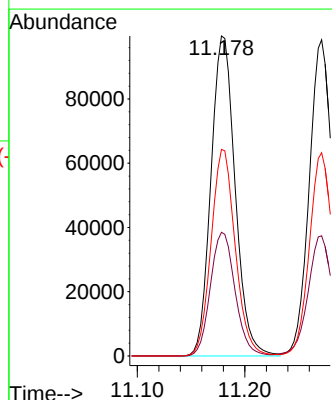
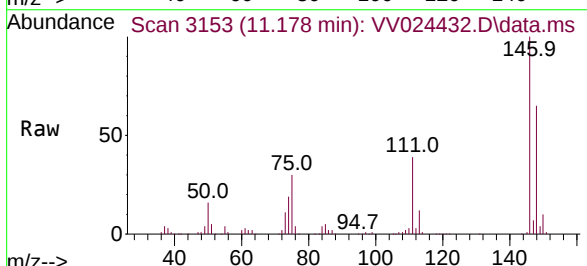
Tgt Ion:146 Resp: 155650

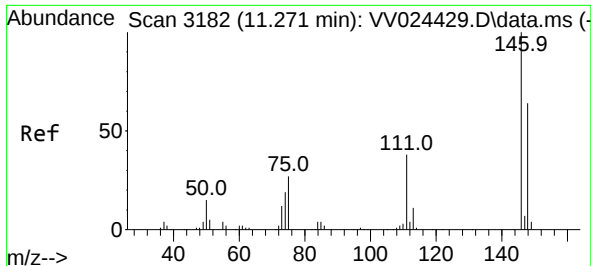
Ion Ratio Lower Upper

146 100

111 38.6 26.3 48.9

148 64.6 44.4 82.5

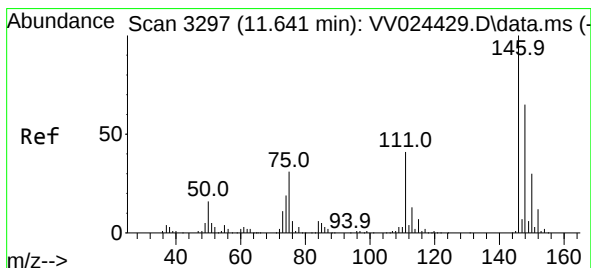
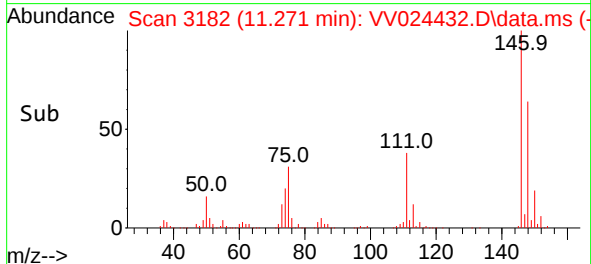
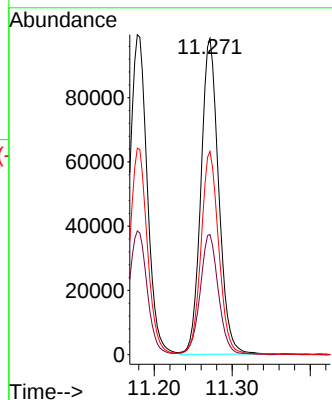
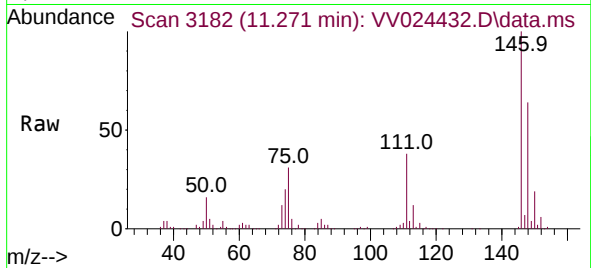




#65
1,4-Dichlorobenzene
Concen: 5.355 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV024432.D
Acq: 26 Jan 2022 12:08

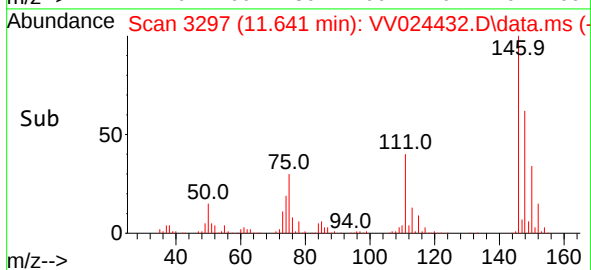
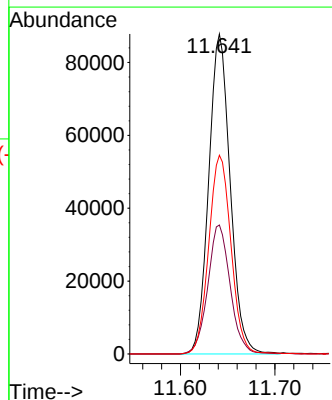
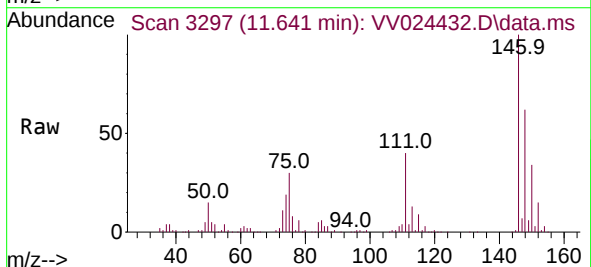
Instrument :
MSVOA_V
ClientSampleId :

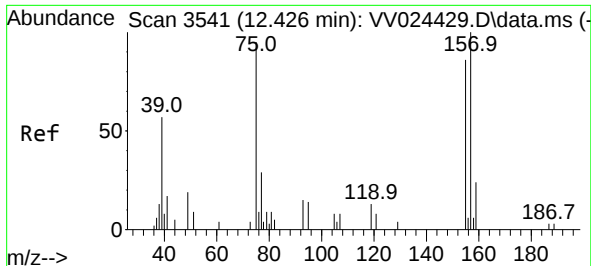
Tgt Ion:146 Resp: 155351
Ion Ratio Lower Upper
146 100
111 38.0 25.6 47.6
148 64.3 44.8 83.2



#67
1,2-Dichlorobenzene
Concen: 5.297 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV024432.D
Acq: 26 Jan 2022 12:08

Tgt Ion:146 Resp: 138552
Ion Ratio Lower Upper
146 100
111 40.3 31.9 47.9
148 62.1 50.5 75.7





#68

1,2-Dibromo-3-chloropropane

Concen: 4.798 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV024432.D

Acq: 26 Jan 2022 12:08

Instrument :

MSVOA_V

ClientSampleId :

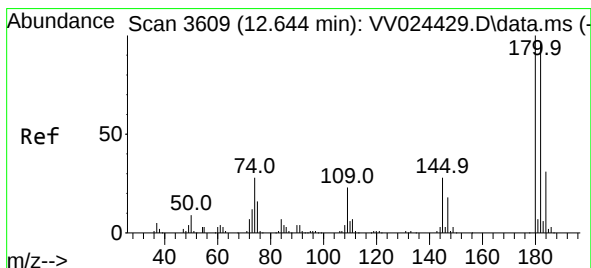
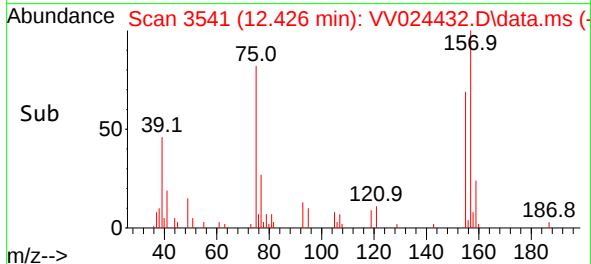
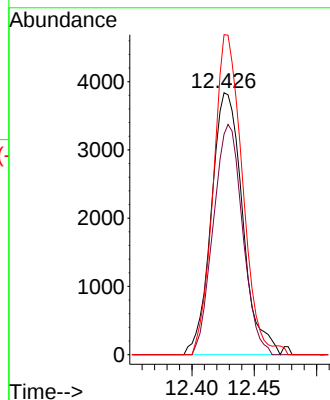
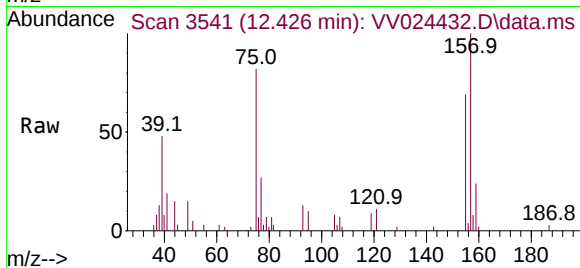
Tgt Ion: 75 Resp: 6693

Ion Ratio Lower Upper

75 100

155 84.2 71.7 107.5

157 122.2 103.3 154.9



#69

1,3,5-Trichlorobenzene

Concen: 5.496 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.000 min

Lab File: VV024432.D

Acq: 26 Jan 2022 12:08

Tgt Ion: 180 Resp: 127642

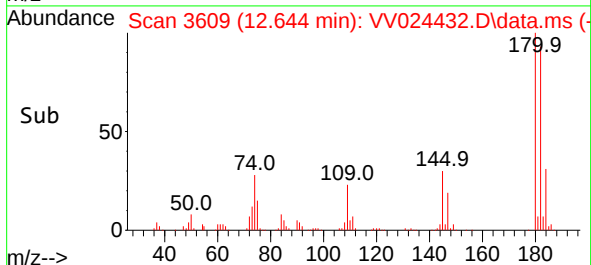
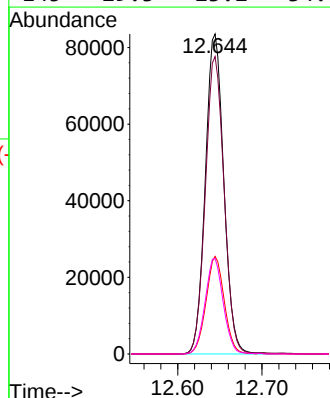
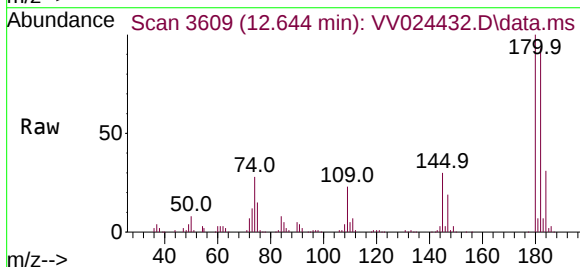
Ion Ratio Lower Upper

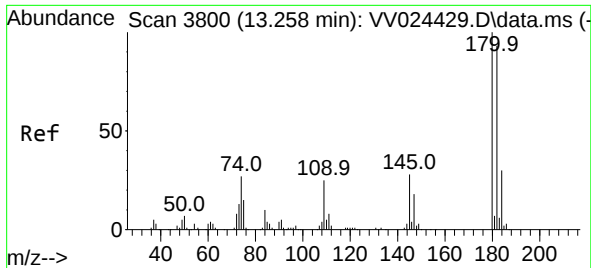
180 100

182 94.2 76.4 114.6

184 30.0 24.2 36.4

145 29.3 23.2 34.8

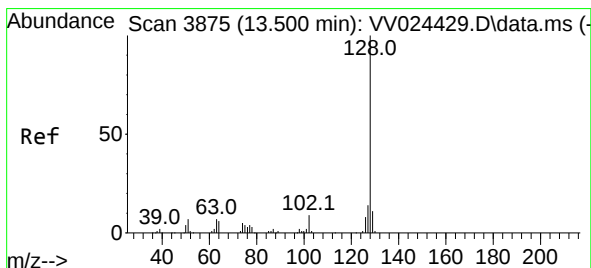
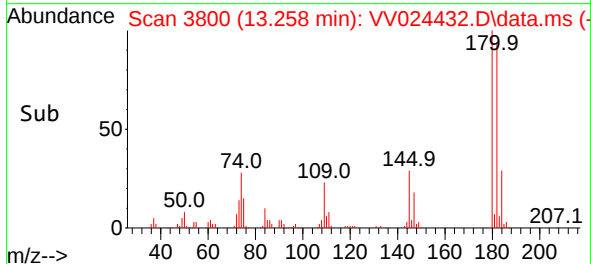
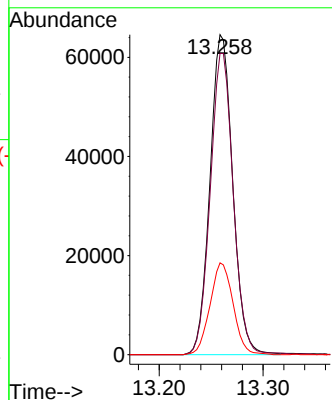
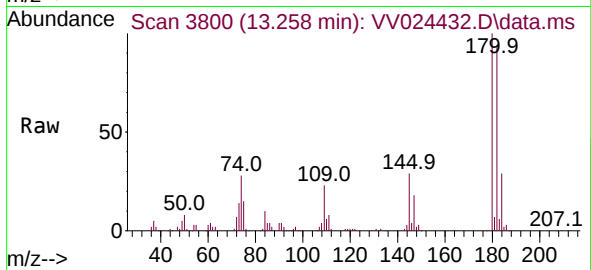




#70
1,2,4-trichlorobenzene
Concen: 5.544 ug/L
RT: 13.258 min Scan# 3800
Delta R.T. 0.000 min
Lab File: VV024432.D
Acq: 26 Jan 2022 12:08

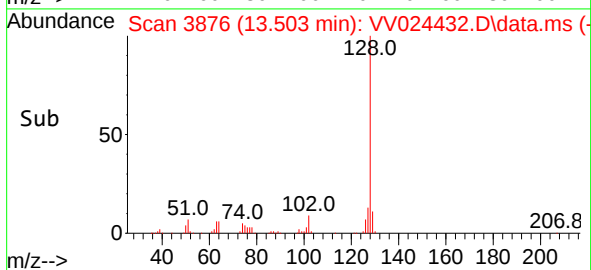
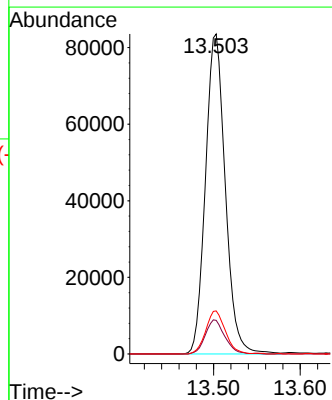
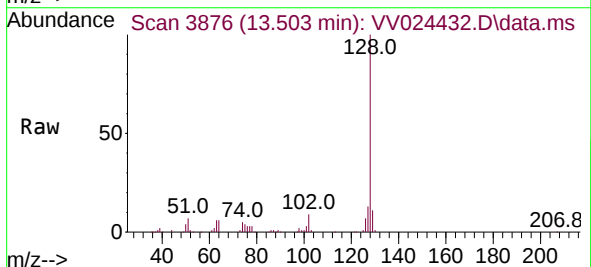
Instrument :
MSVOA_V
ClientSampleId :

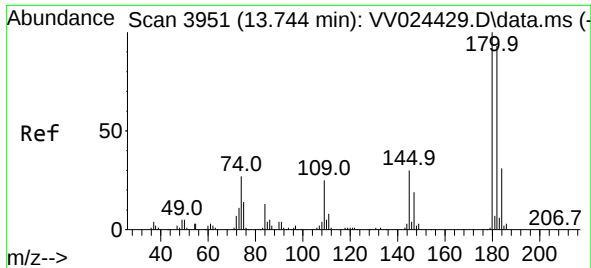
Tgt Ion:180 Resp: 98062
Ion Ratio Lower Upper
180 100
182 95.2 74.4 111.6
145 29.1 23.3 34.9



#71
Naphthalene
Concen: 5.947 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.003 min
Lab File: VV024432.D
Acq: 26 Jan 2022 12:08

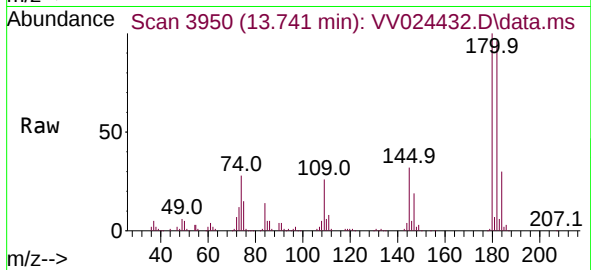
Tgt Ion:128 Resp: 132658
Ion Ratio Lower Upper
128 100
129 10.4 9.0 13.4
127 13.3 10.2 15.4





#72
 1,2,3-Trichlorobenzene
 Concen: 5.707 ug/L
 RT: 13.741 min Scan# 3950
 Delta R.T. -0.003 min
 Lab File: VV024432.D
 Acq: 26 Jan 2022 12:08

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:180 Resp: 86116
 Ion Ratio Lower Upper
 180 100
 182 95.8 76.8 115.2
 145 31.4 25.8 38.6

