

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012722\
 Data File : VW024452.D
 Acq On : 27 Jan 2022 15:10
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 28 03:13:42 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	150839	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	158891	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	93177	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	68643	5.194	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 103.800%	
7) Chloroethane-d5	1.564	69	60926	5.285	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 105.800%	
11) 1,1-Dichloroethene-d2	2.105	63	129831	5.140	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 102.800%	
20) 2-Butanone-d5	3.899	46	87208	41.407	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	= 82.820%	
24) Chloroform-d	4.342	84	138447	5.521	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 110.400%	
26) 1,2-Dichloroethane-d4	5.024	65	63369	5.580	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	= 111.600%	
32) Benzene-d6	5.043	84	255326	5.381	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 107.600%	
36) 1,2-Dichloropropane-d6	6.066	67	78255	5.237	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 104.800%	
41) Toluene-d8	7.310	98	237880	5.464	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 109.200%	
43) trans-1,3-Dichloroprop...	7.619	79	27009	5.264	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 105.200%	
46) 2-Hexanone-d5	8.088	63	99831	56.899	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 113.800%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	49345	5.548	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 111.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	83536	5.228	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 104.600%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	85949	5.053	ug/L	100
3) Chloromethane	1.236	50	82190	5.317	ug/L	97
5) Vinyl chloride	1.307	62	81806	5.276	ug/L	98
6) Bromomethane	1.519	94	51419	5.296	ug/L	98
8) Chloroethane	1.580	64	49244	5.401	ug/L	95
9) Trichlorofluoromethane	1.751	101	111170	5.064	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	57275	4.791	ug/L	95
12) 1,1-Dichloroethene	2.114	96	58755	5.183	ug/L	84
13) Acetone	2.198	43	36412	33.163	ug/L	83
14) Carbon disulfide	2.291	76	183604	5.270	ug/L	100
15) Methyl Acetate	2.439	43	14395	4.854	ug/L	97
16) Methylene chloride	2.503	84	59676	5.144	ug/L	94
17) Methyl tert-butyl Ether	2.764	73	110898	5.436	ug/L	96
18) trans-1,2-Dichloroethene	2.754	96	57456	5.282	ug/L	89
19) 1,1-Dichloroethane	3.185	63	112244	5.535	ug/L	97
21) 2-Butanone	3.986	43	67739	34.142	ug/L	98
22) cis-1,2-Dichloroethene	3.902	96	57172	5.233	ug/L	90
23) Bromochloromethane	4.240	128	26239	5.353	ug/L	90
25) Chloroform	4.368	83	116720	5.068	ug/L	100

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 ClientSampleId :

Quant Time: Jan 28 03:13:42 2022
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 Response via : Initial Calibration

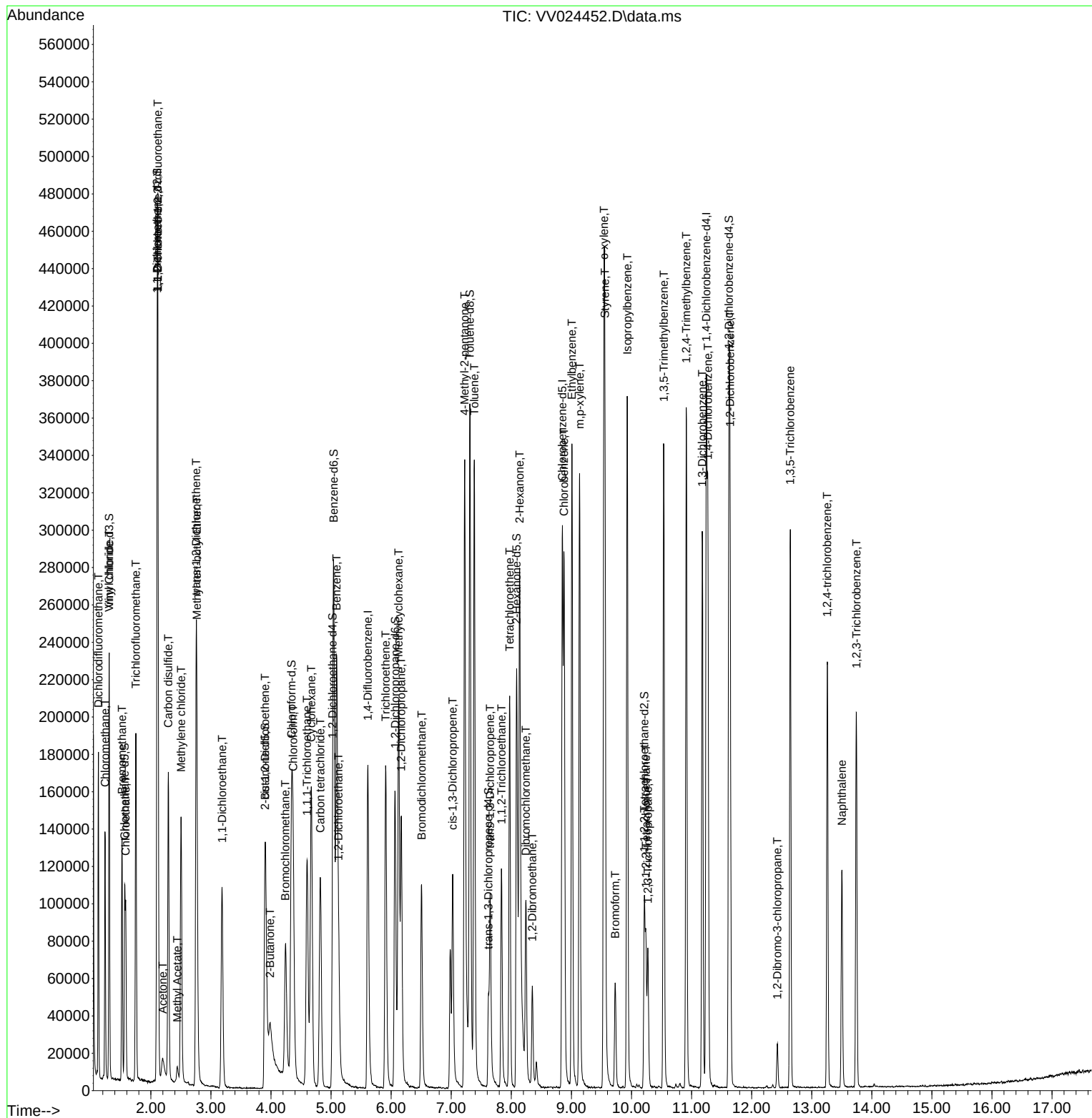
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	59799	5.448	ug/L	100
29) 1,1,1-Trichloroethane	4.600	97	100212	5.437	ug/L	98
30) Cyclohexane	4.670	56	85006	4.886	ug/L	91
31) Carbon tetrachloride	4.821	117	87759	5.292	ug/L	98
33) Benzene	5.092	78	229589	5.399	ug/L	100
34) Trichloroethene	5.908	95	60915	5.067	ug/L	94
35) Methylcyclohexane	6.124	83	82187	4.635	ug/L	95
37) 1,2-Dichloropropane	6.169	63	55842	5.345	ug/L	99
38) Bromodichloromethane	6.506	83	76290	5.393	ug/L	96
39) cis-1,3-Dichloropropene	7.024	75	74977	5.326	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	274748	56.415	ug/L	95
42) Toluene	7.384	91	247264	5.489	ug/L	97
44) trans-1,3-Dichloropropene	7.648	75	65154	5.556	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	38642	5.470	ug/L	98
47) Tetrachloroethene	7.972	164	48241	5.094	ug/L	95
48) 2-Hexanone	8.136	43	207554	57.964	ug/L	99
49) Dibromochloromethane	8.243	129	50289	5.720	ug/L	99
50) 1,2-Dibromoethane	8.349	107	37371	5.643	ug/L	100
51) Chlorobenzene	8.879	112	150802	5.185	ug/L	94
52) Ethylbenzene	9.008	91	240999	5.089	ug/L	97
53) m,p-xylene	9.136	106	93832	5.279	ug/L	97
54) o-xylene	9.542	106	87669	5.234	ug/L	91
55) Styrene	9.558	104	153147	5.468	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.239	83	37764	5.459	ug/L	100
59) Bromoform	9.728	173	26741	5.707	ug/L #	99
60) Isopropylbenzene	9.931	105	233914	5.155	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	31648	5.481	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	187929	5.143	ug/L	96
63) 1,2,4-Trimethylbenzene	10.911	105	195418	5.212	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	122655	5.347	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	120324	5.152	ug/L	96
67) 1,2-Dichlorobenzene	11.641	146	110111	5.229	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5818	5.181	ug/L	86
69) 1,3,5-Trichlorobenzene	12.644	180	93636	5.008	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	70303	4.937	ug/L	98
71) Naphthalene	13.503	128	92542	5.153	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	63444	5.222	ug/L	99

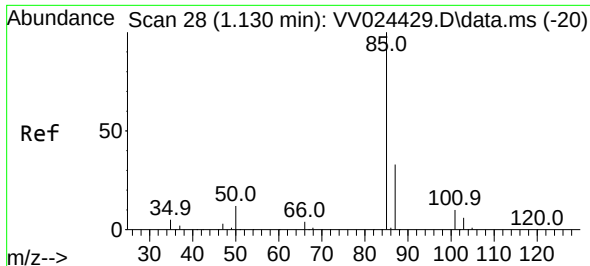
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 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

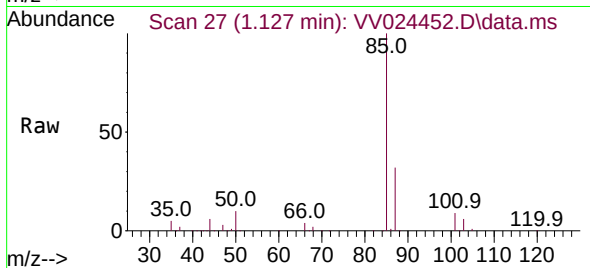
Quant Time: Jan 28 03:13:42 2022
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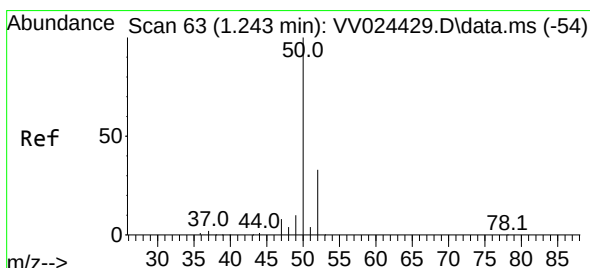
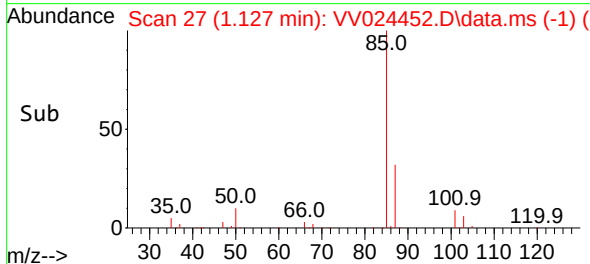
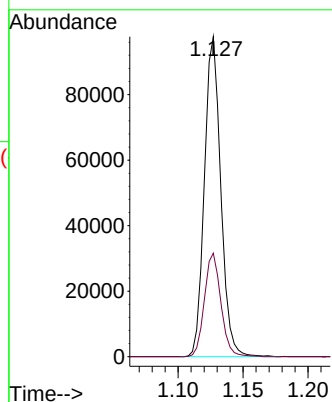


#2
 Dichlorodifluoromethane
 Concen: 5.053 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV024452.D
 Acq: 27 Jan 2022 15:10

Instrument :
 MSVOA_V
 ClientSampleId :

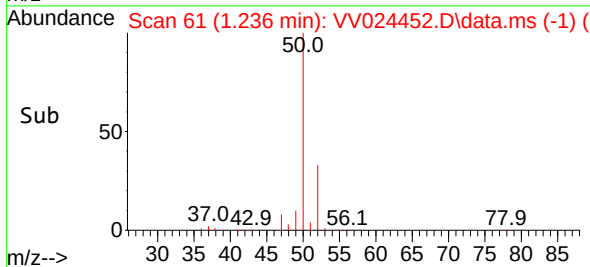
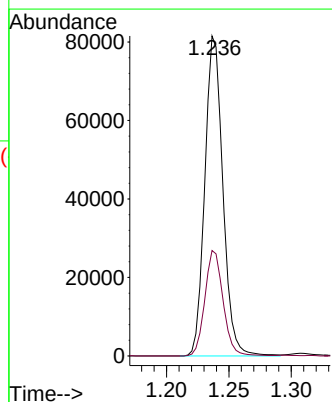
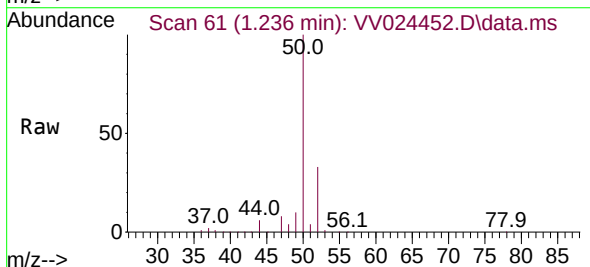


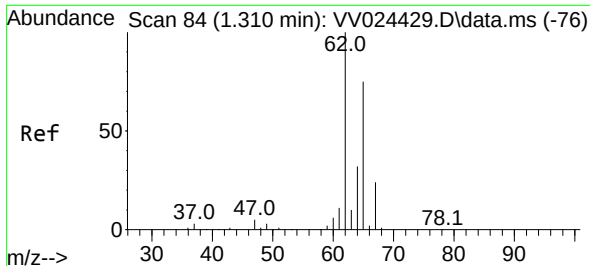
Tgt Ion: 85 Resp: 85949
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.0 39.0



#3
 Chloromethane
 Concen: 5.317 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: VV024452.D
 Acq: 27 Jan 2022 15:10

Tgt Ion: 50 Resp: 82190
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.0 41.0

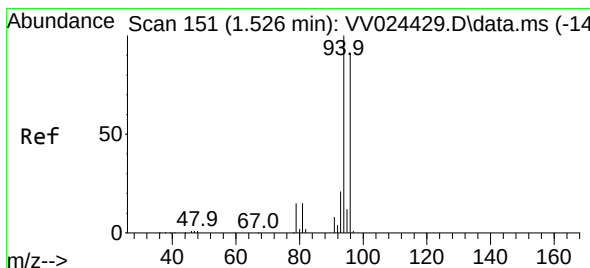
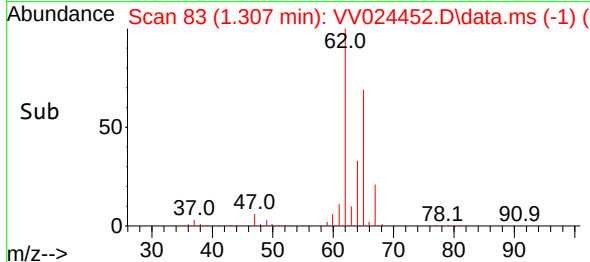
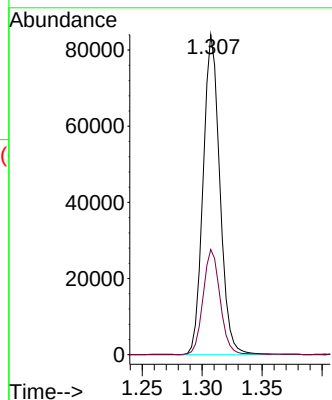
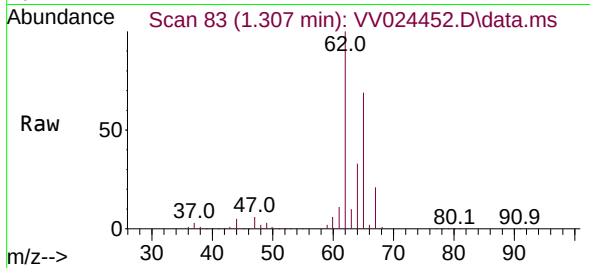




#5
 Vinyl chloride
 Concen: 5.276 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV024452.D
 Acq: 27 Jan 2022 15:10

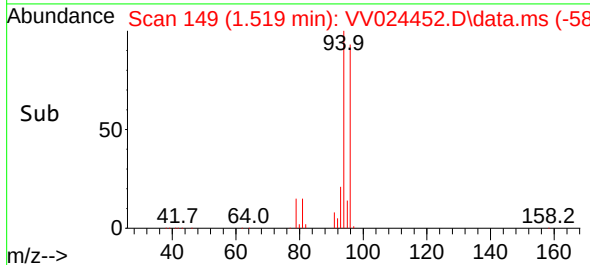
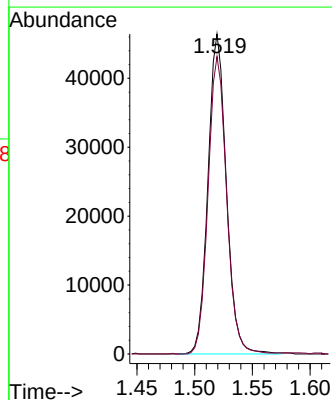
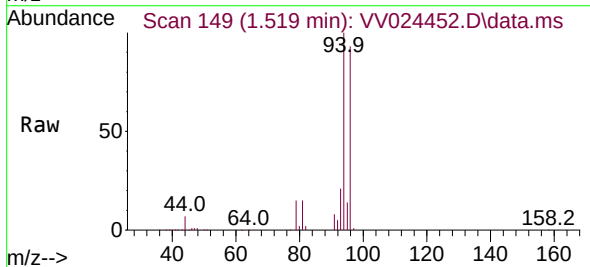
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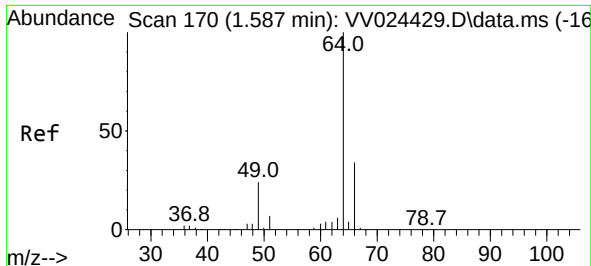
Tgt Ion: 62 Resp: 81806
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.4 41.6



#6
 Bromomethane
 Concen: 5.296 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.007 min
 Lab File: VV024452.D
 Acq: 27 Jan 2022 15:10

Tgt Ion: 94 Resp: 51419
 Ion Ratio Lower Upper
 94 100
 96 92.9 66.2 123.0

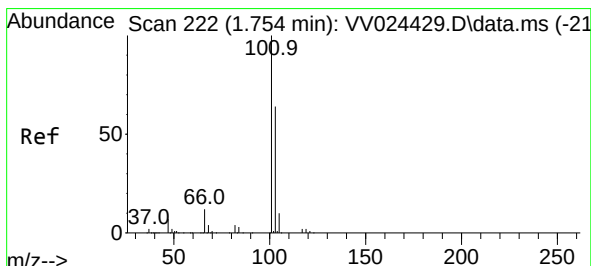
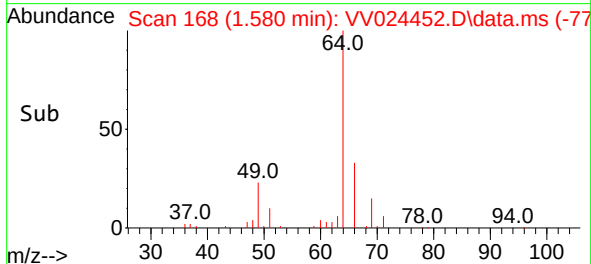
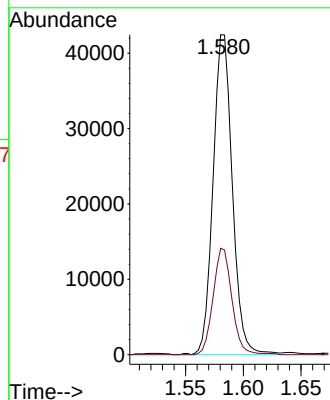
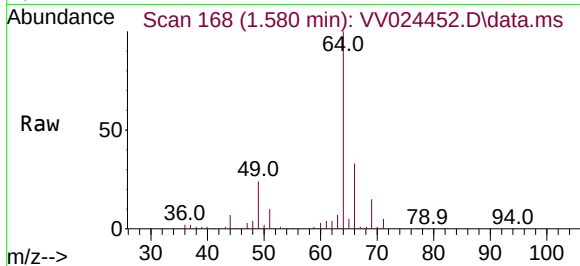




#8
Chloroethane
Concen: 5.401 ug/L
RT: 1.580 min Scan# 11
Delta R.T. -0.007 min
Lab File: VV024452.D
Acq: 27 Jan 2022 15:10

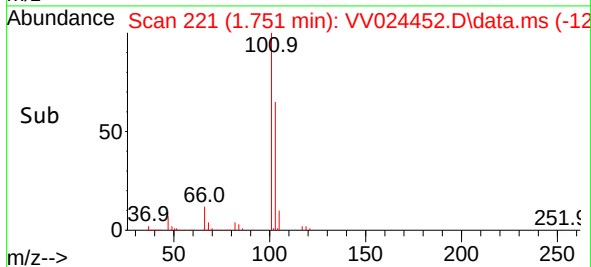
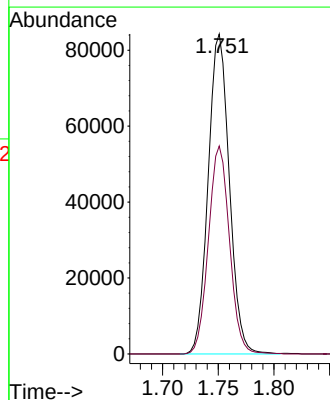
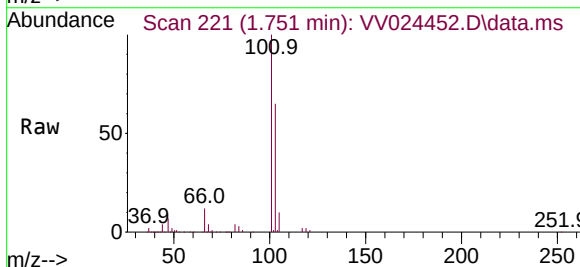
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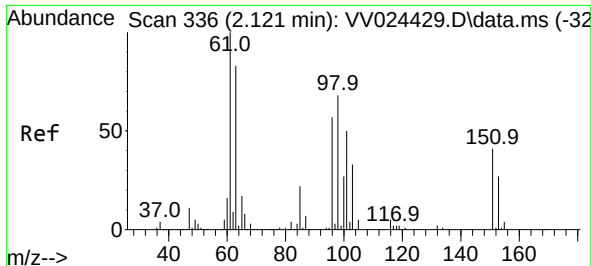
Tgt Ion: 64 Resp: 49244
Ion Ratio Lower Upper
64 100
66 33.2 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.064 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV024452.D
Acq: 27 Jan 2022 15:10

Tgt Ion: 101 Resp: 111170
Ion Ratio Lower Upper
101 100
103 64.7 51.6 77.4

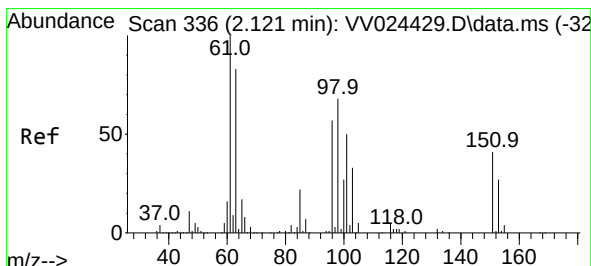
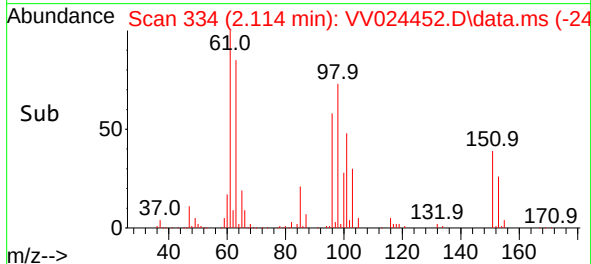
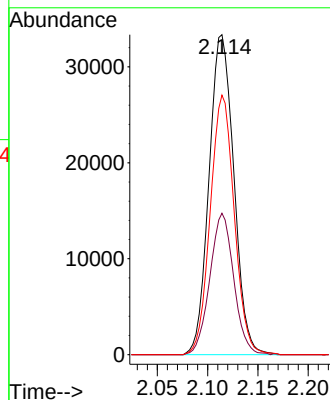
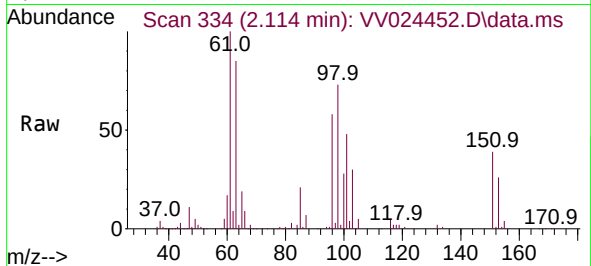




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.791 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.007 min
 Lab File: VV024452.D
 Acq: 27 Jan 2022 15:10

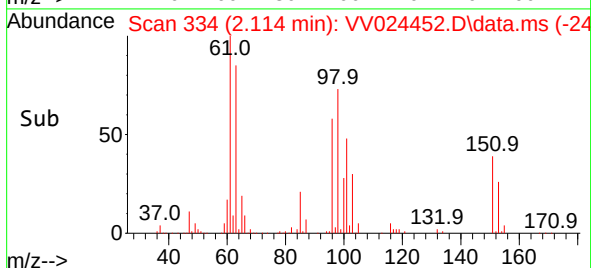
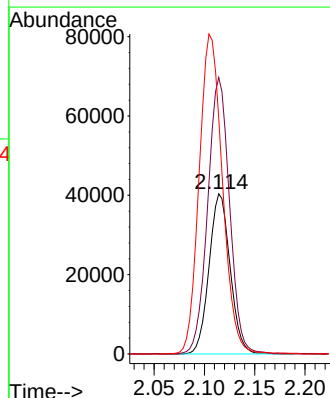
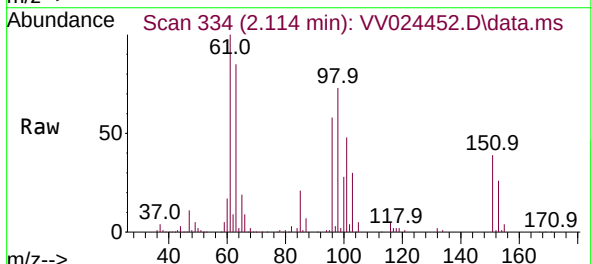
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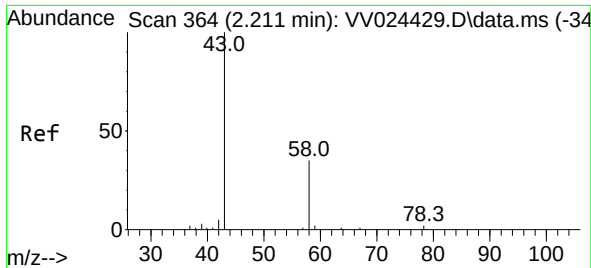
Tgt Ion:101 Resp: 57275
 Ion Ratio Lower Upper
 101 100
 85 42.5 36.0 54.0
 151 78.6 66.4 99.6



#12
 1,1-Dichloroethene
 Concen: 5.183 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.007 min
 Lab File: VV024452.D
 Acq: 27 Jan 2022 15:10

Tgt Ion: 96 Resp: 58755
 Ion Ratio Lower Upper
 96 100
 61 172.6 116.1 215.5
 63 147.2 79.4 147.4





#13

Acetone

Concen: 33.163 ug/L

RT: 2.198 min Scan# 3

Delta R.T. -0.013 min

Lab File: VV024452.D

Acq: 27 Jan 2022 15:10

Instrument :

MSVOA_V

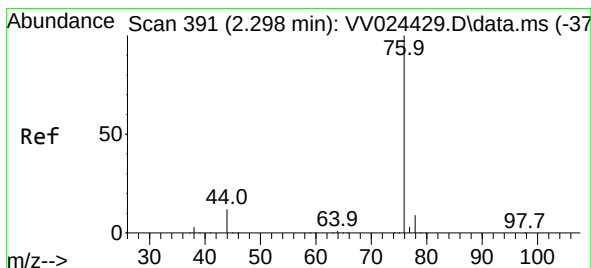
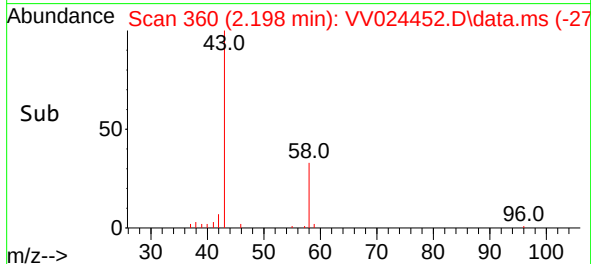
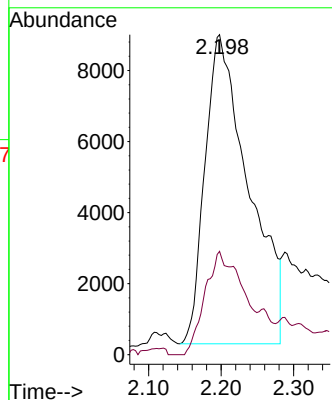
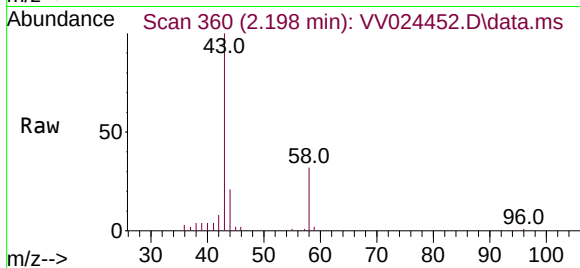
ClientSampleId :

Tgt Ion: 43 Resp: 36412

Ion Ratio Lower Upper

43 100

58 28.8 0.0 41.4



#14

Carbon disulfide

Concen: 5.270 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.007 min

Lab File: VV024452.D

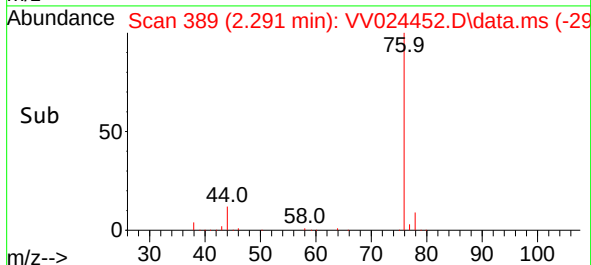
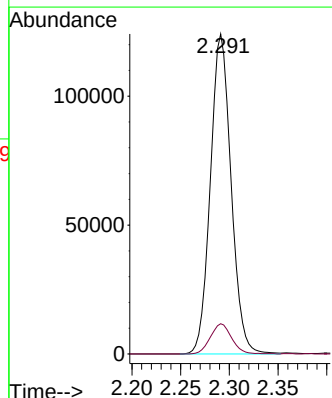
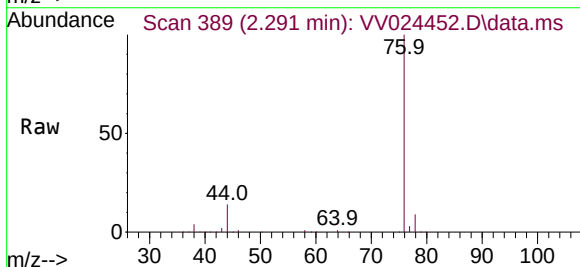
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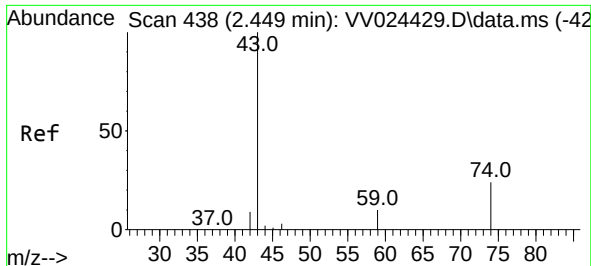
Tgt Ion: 76 Resp: 183604

Ion Ratio Lower Upper

76 100

78 9.5 7.5 11.3

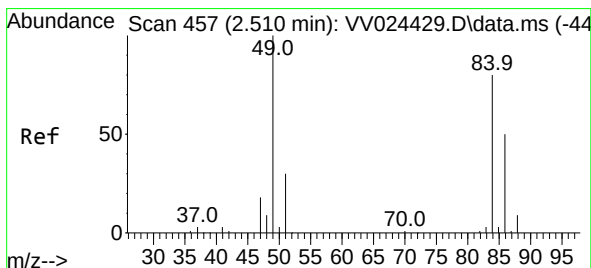
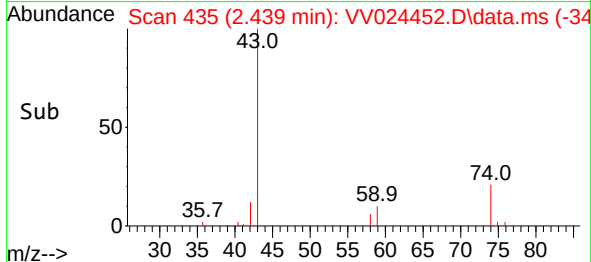
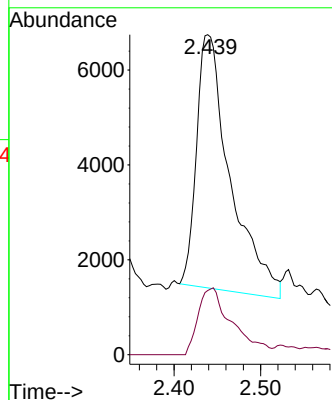
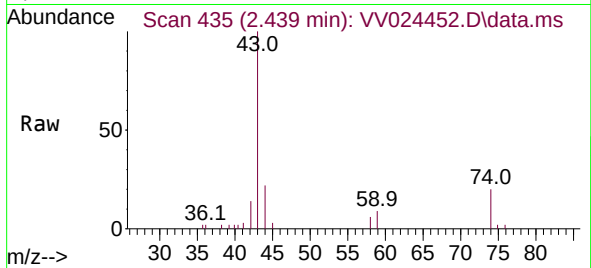




#15
Methyl Acetate
Concen: 4.854 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.010 min
Lab File: VV024452.D
Acq: 27 Jan 2022 15:10

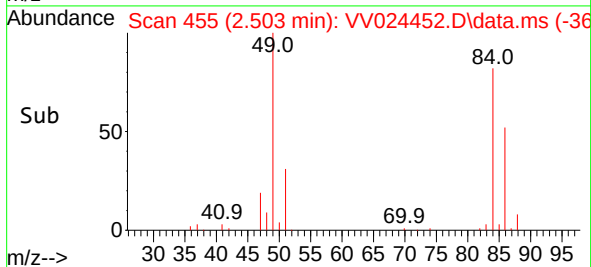
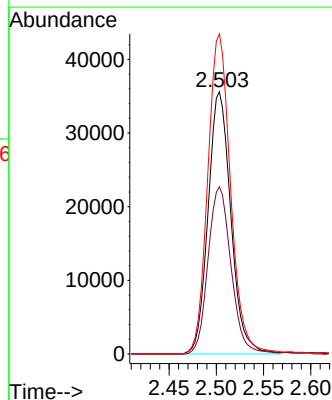
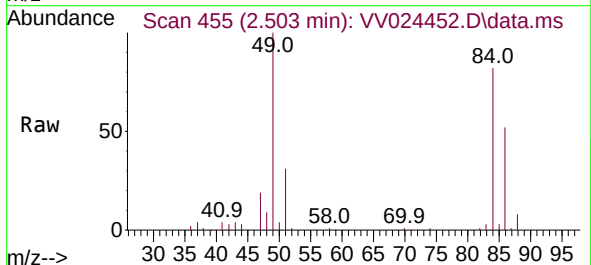
Instrument :
MSVOA_V
ClientSampleId :

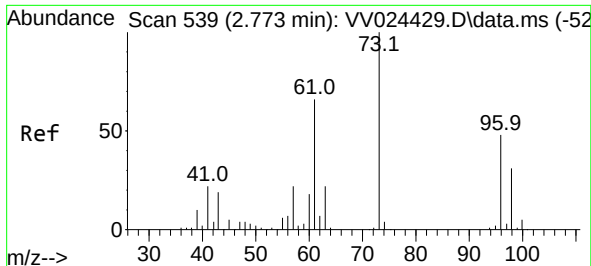
Tgt Ion: 43 Resp: 14395
Ion Ratio Lower Upper
43 100
74 26.8 20.2 30.2



#16
Methylene chloride
Concen: 5.144 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.007 min
Lab File: VV024452.D
Acq: 27 Jan 2022 15:10

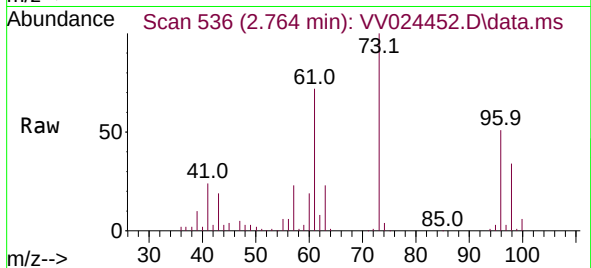
Tgt Ion: 84 Resp: 59676
Ion Ratio Lower Upper
84 100
86 63.7 42.6 79.0
49 122.0 79.7 147.9



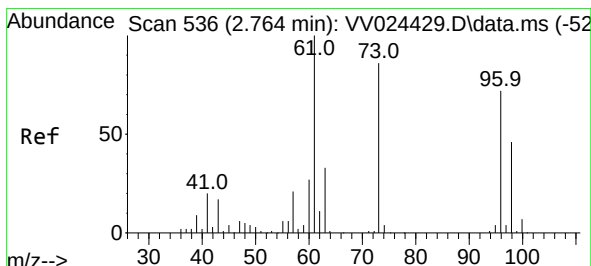
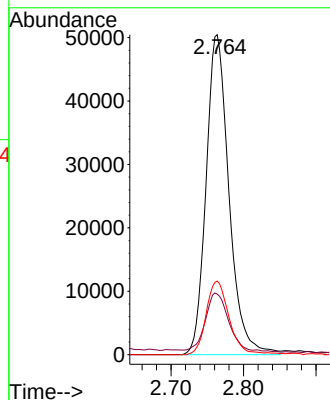
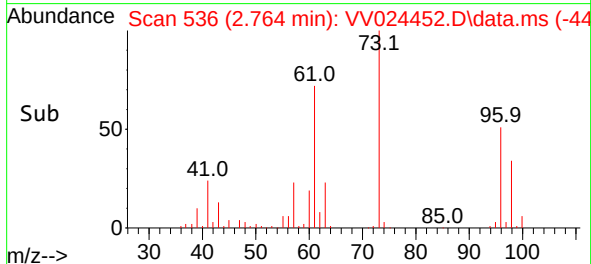


#17
Methyl tert-butyl Ether
Concen: 5.436 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.009 min
Lab File: VV024452.D
Acq: 27 Jan 2022 15:10

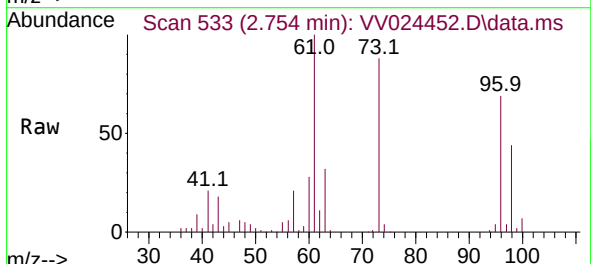
Instrument :
MSVOA_V
ClientSampleId :



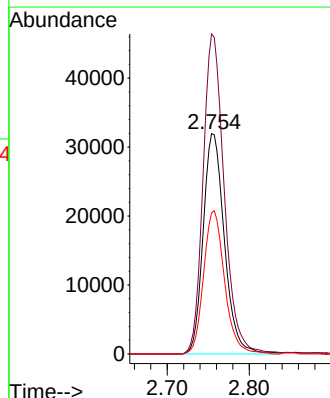
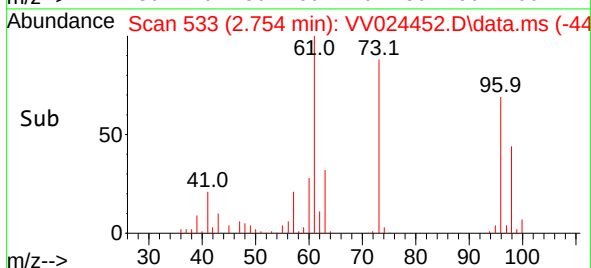
Tgt Ion: 73 Resp: 110898
Ion Ratio Lower Upper
73 100
43 17.4 15.5 23.3
57 22.8 17.1 25.7

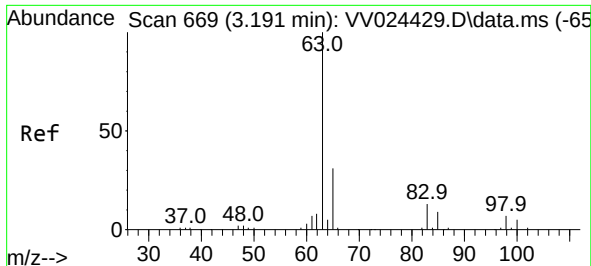


#18
trans-1,2-Dichloroethene
Concen: 5.282 ug/L
RT: 2.754 min Scan# 533
Delta R.T. -0.010 min
Lab File: VV024452.D
Acq: 27 Jan 2022 15:10



Tgt Ion: 96 Resp: 57456
Ion Ratio Lower Upper
96 100
61 145.2 88.2 163.8
98 64.1 44.9 83.5





#19

1,1-Dichloroethane

Concen: 5.535 ug/L

RT: 3.185 min Scan# 6

Delta R.T. -0.006 min

Lab File: VV024452.D

Acq: 27 Jan 2022 15:10

Instrument :

MSVOA_V

ClientSampleId :

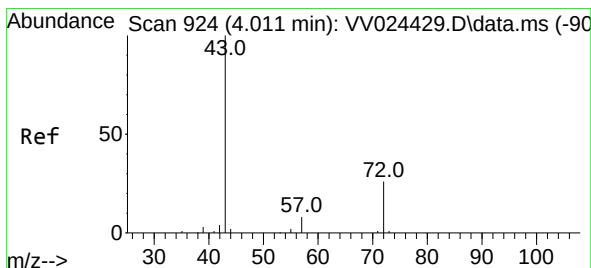
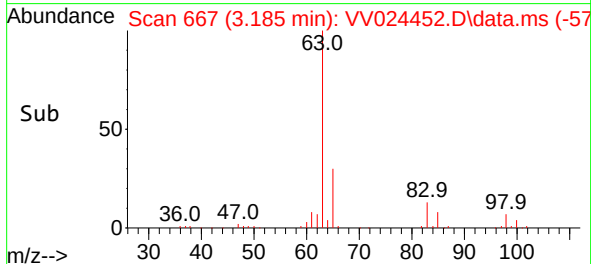
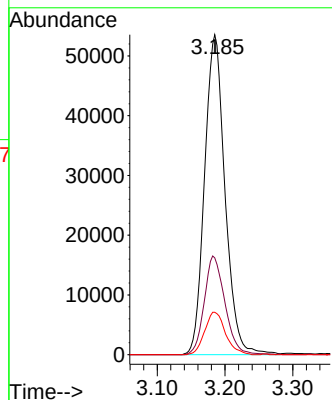
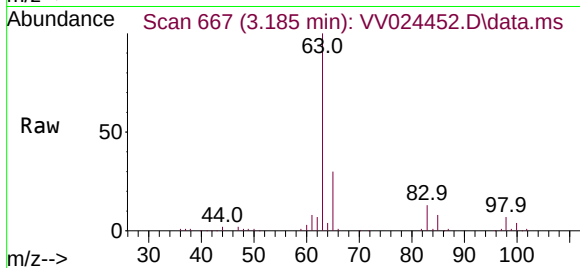
Tgt Ion: 63 Resp: 112244

Ion Ratio Lower Upper

63 100

65 30.3 22.3 41.3

83 13.3 10.7 19.9



#21

2-Butanone

Concen: 34.142 ug/L

RT: 3.986 min Scan# 916

Delta R.T. -0.026 min

Lab File: VV024452.D

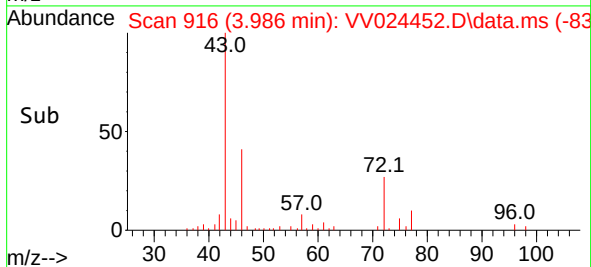
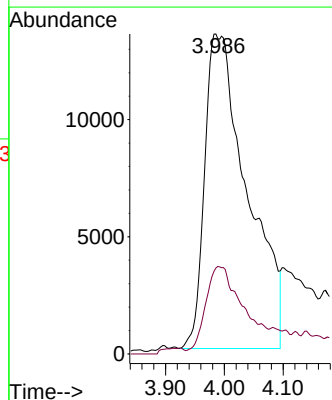
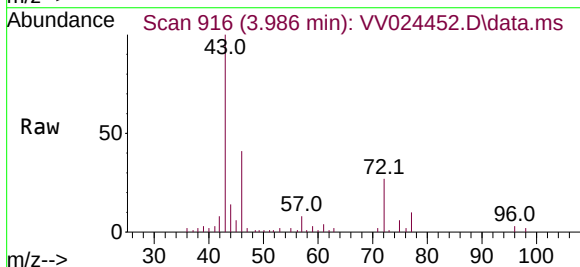
Acq: 27 Jan 2022 15:10

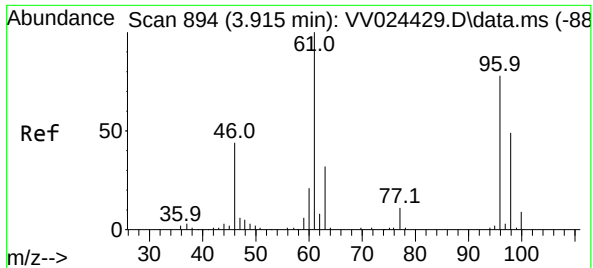
Tgt Ion: 43 Resp: 67739

Ion Ratio Lower Upper

43 100

72 23.1 11.1 33.1

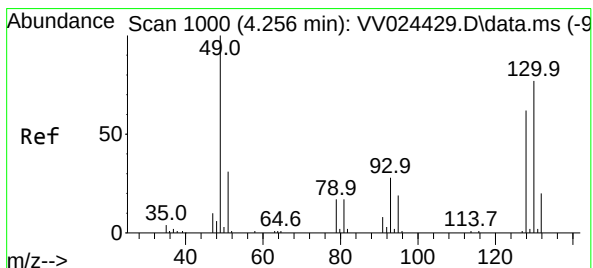
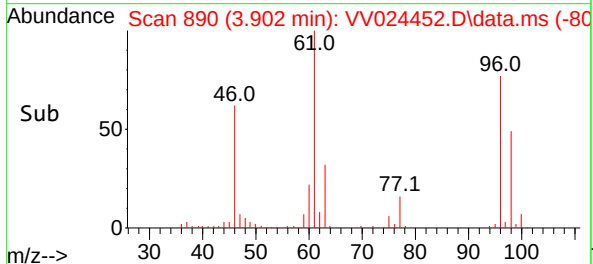
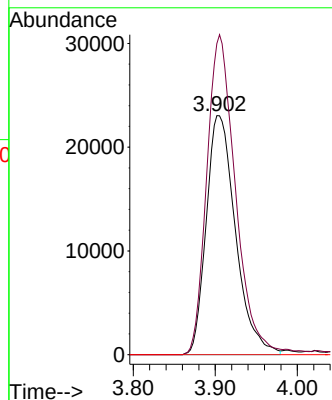
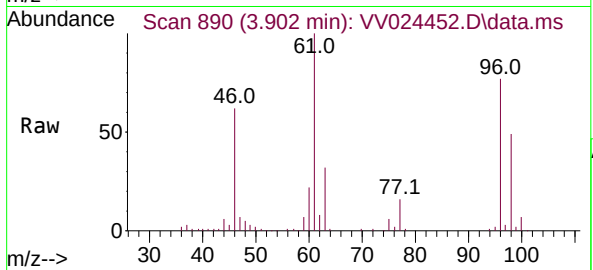




#22
 cis-1,2-Dichloroethene
 Concen: 5.233 ug/L
 RT: 3.902 min Scan# 894
 Delta R.T. -0.013 min
 Lab File: VV024452.D
 Acq: 27 Jan 2022 15:10

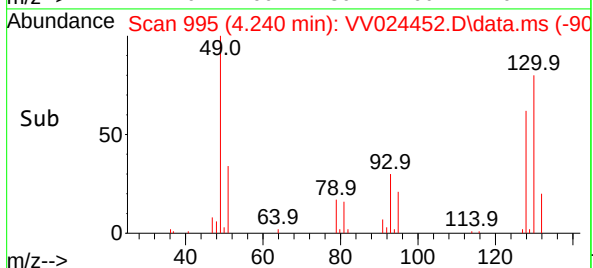
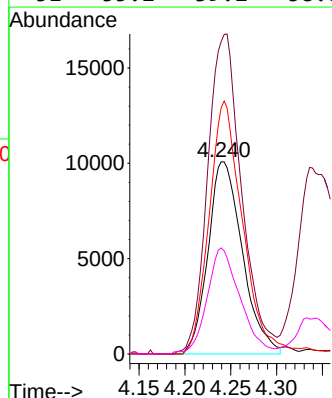
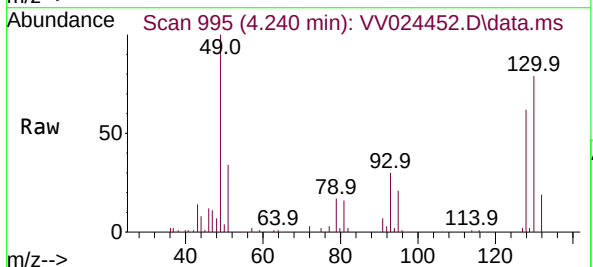
Instrument :
 MSVOA_V
 ClientSampleId :

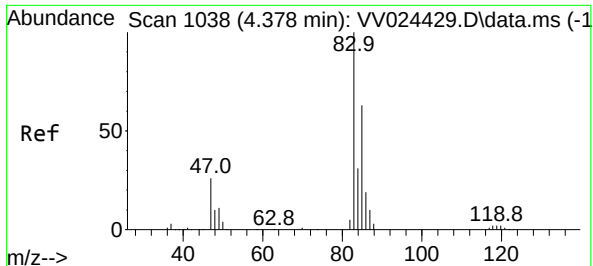
Tgt Ion: 96 Resp: 57172
 Ion Ratio Lower Upper
 96 100
 61 130.1 83.4 154.8
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.353 ug/L
 RT: 4.240 min Scan# 995
 Delta R.T. -0.016 min
 Lab File: VV024452.D
 Acq: 27 Jan 2022 15:10

Tgt Ion: 128 Resp: 26239
 Ion Ratio Lower Upper
 128 100
 49 162.4 100.2 186.2
 130 128.1 92.5 171.7
 51 55.2 39.2 58.8





#25

Chloroform

Concen: 5.068 ug/L

RT: 4.368 min Scan# 11

Delta R.T. -0.010 min

Lab File: VV024452.D

Acq: 27 Jan 2022 15:10

Instrument :

MSVOA_V

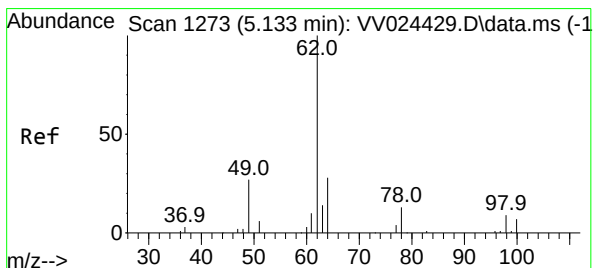
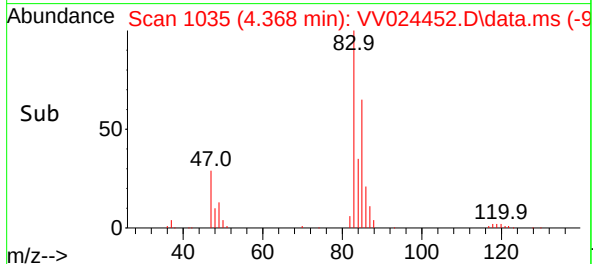
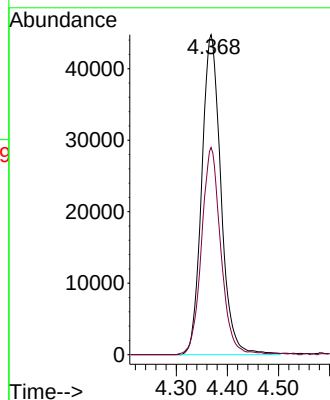
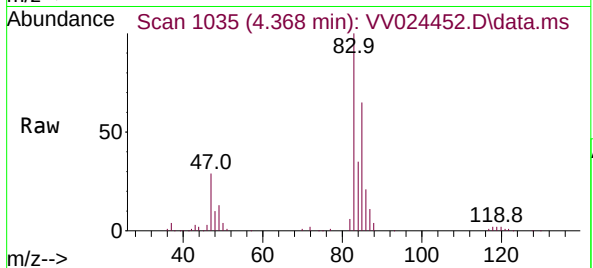
ClientSampleId :

Tgt Ion: 83 Resp: 116720

Ion Ratio Lower Upper

83 100

85 64.7 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.448 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. -0.009 min

Lab File: VV024452.D

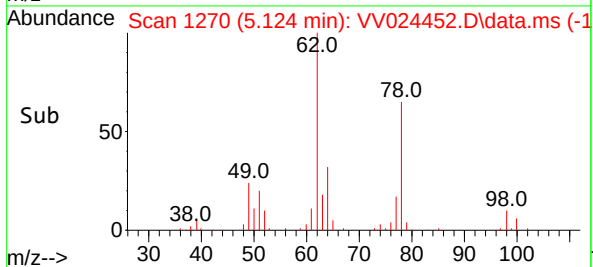
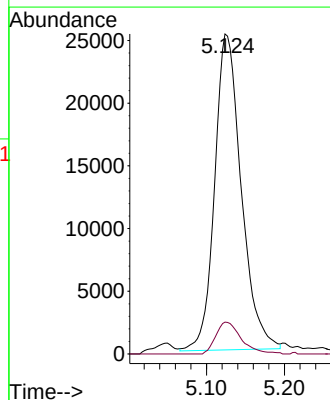
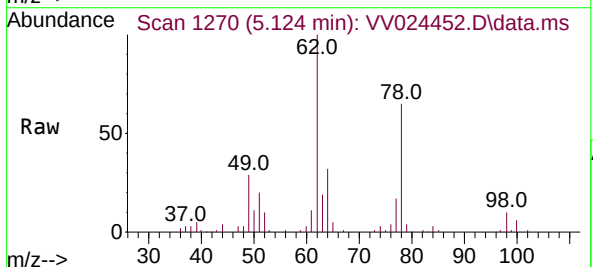
Acq: 27 Jan 2022 15:10

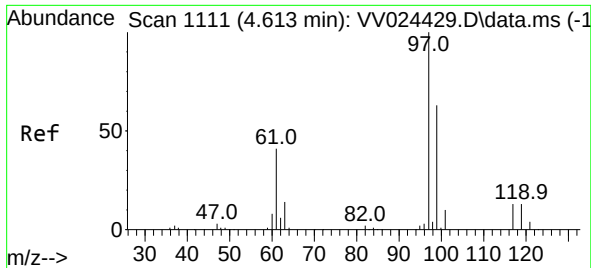
Tgt Ion: 62 Resp: 59799

Ion Ratio Lower Upper

62 100

98 9.9 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 5.437 ug/L

RT: 4.600 min Scan# 1111

Delta R.T. -0.013 min

Lab File: VV024452.D

Acq: 27 Jan 2022 15:10

Instrument :

MSVOA_V

ClientSampleId :

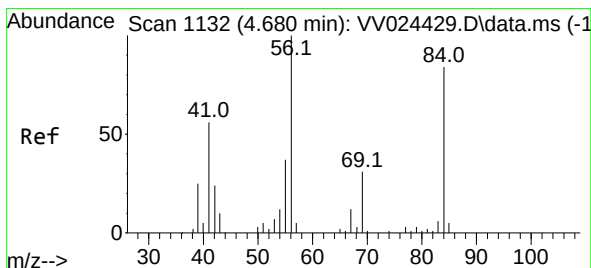
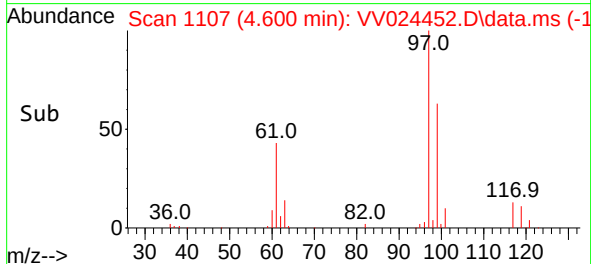
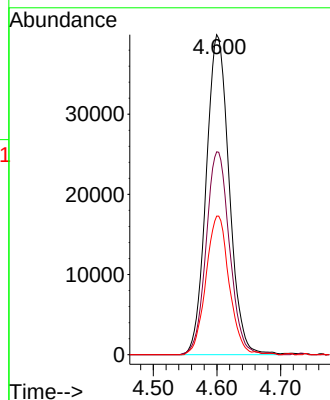
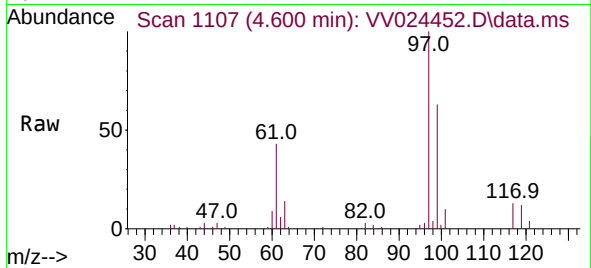
Tgt Ion: 97 Resp: 100212

Ion Ratio Lower Upper

97 100

99 64.3 51.9 77.9

61 43.8 33.2 49.8



#30

Cyclohexane

Concen: 4.886 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. -0.010 min

Lab File: VV024452.D

Acq: 27 Jan 2022 15:10

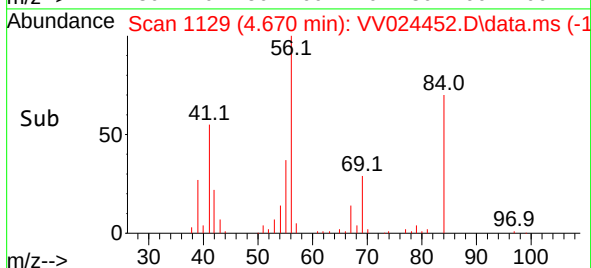
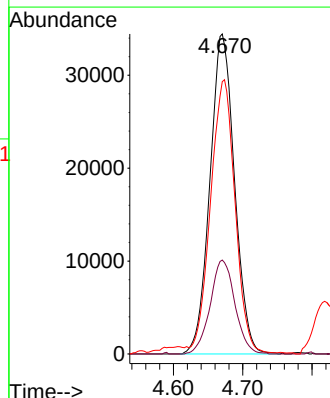
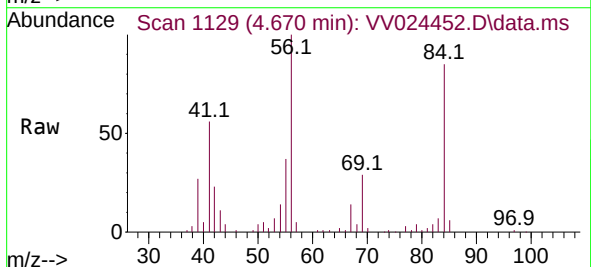
Tgt Ion: 56 Resp: 85006

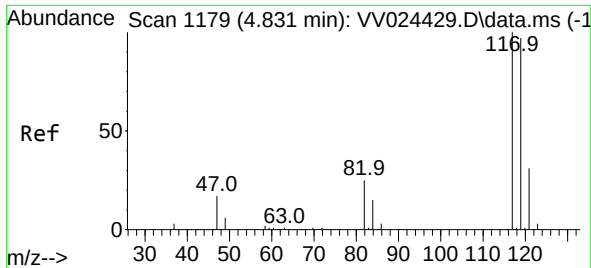
Ion Ratio Lower Upper

56 100

69 29.5 24.8 37.2

84 84.5 75.9 113.9

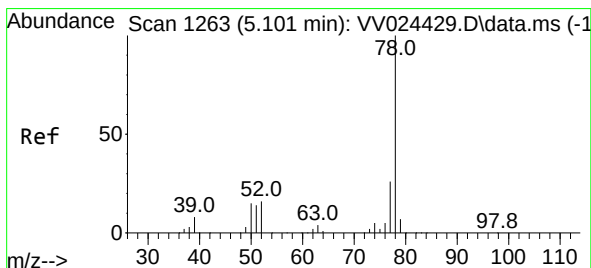
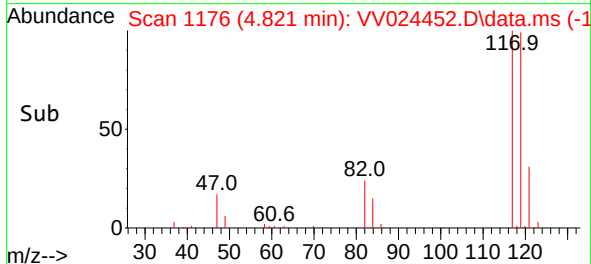
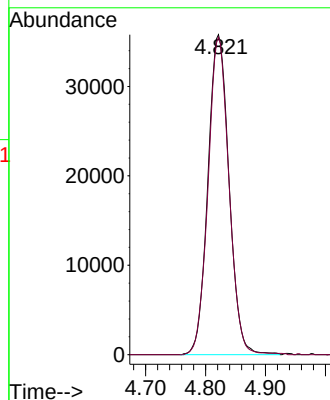
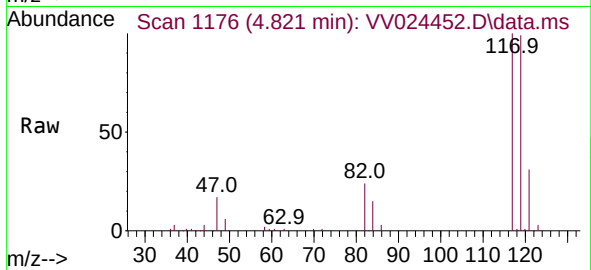




#31
Carbon tetrachloride
Concen: 5.292 ug/L
RT: 4.821 min Scan# 1179
Delta R.T. -0.010 min
Lab File: VV024452.D
Acq: 27 Jan 2022 15:10

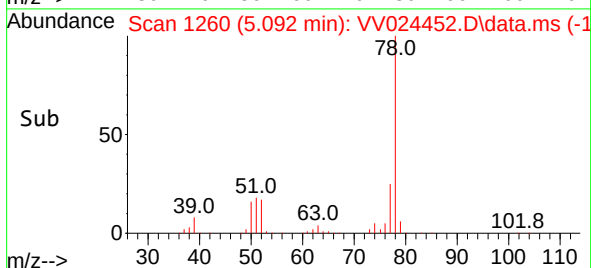
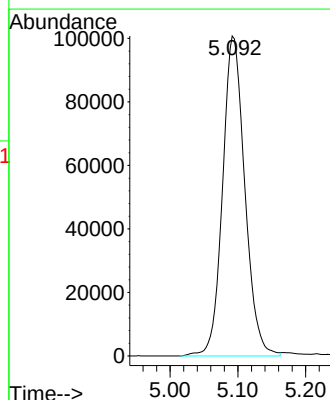
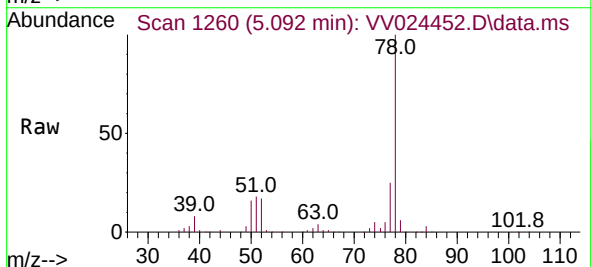
Instrument :
MSVOA_V
ClientSampleId :

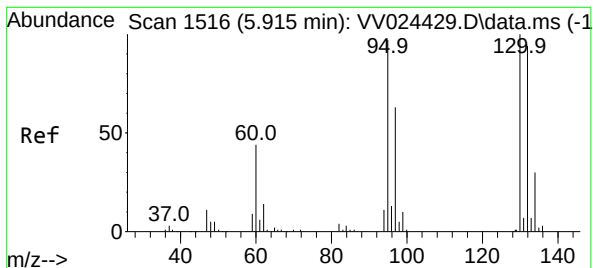
Tgt Ion:117 Resp: 87759
Ion Ratio Lower Upper
117 100
119 98.0 76.6 114.8



#33
Benzene
Concen: 5.399 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.009 min
Lab File: VV024452.D
Acq: 27 Jan 2022 15:10

Tgt Ion: 78 Resp: 229589





#34

Trichloroethene

Concen: 5.067 ug/L

RT: 5.908 min Scan# 1

Delta R.T. -0.007 min

Lab File: VV024452.D

Acq: 27 Jan 2022 15:10

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 60915

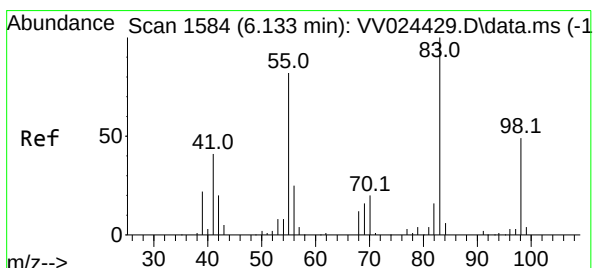
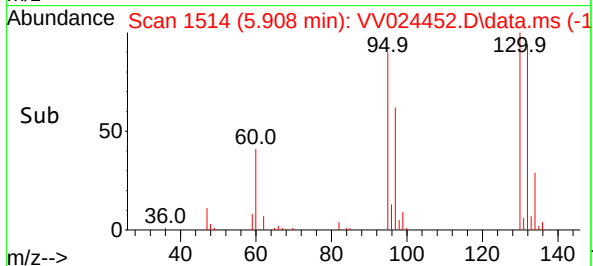
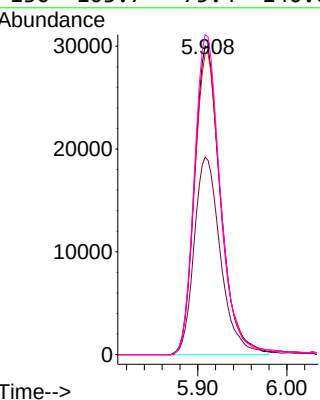
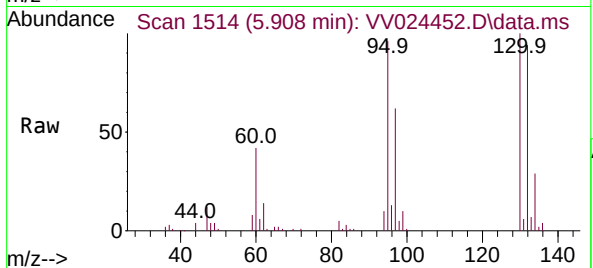
Ion Ratio Lower Upper

95 100

97 64.0 45.2 84.0

132 97.5 76.1 141.3

130 103.7 75.4 140.0



#35

Methylcyclohexane

Concen: 4.635 ug/L

RT: 6.124 min Scan# 1581

Delta R.T. -0.009 min

Lab File: VV024452.D

Acq: 27 Jan 2022 15:10

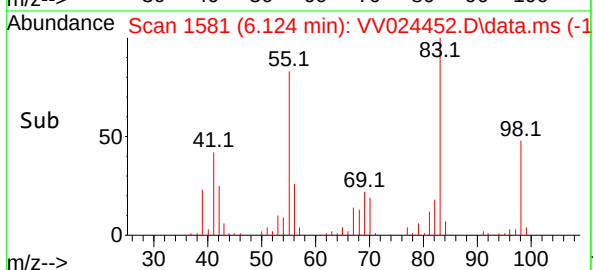
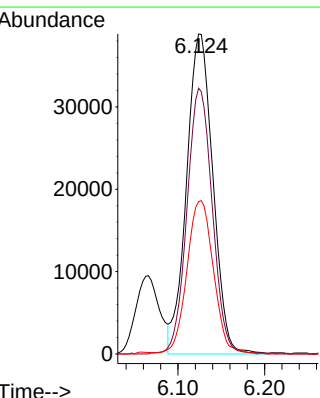
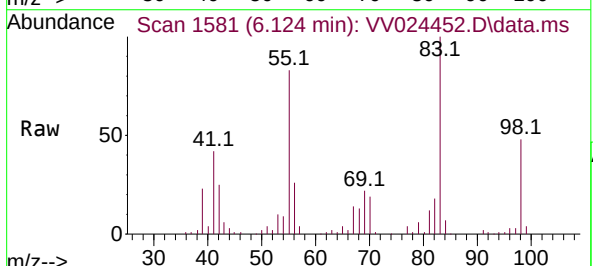
Tgt Ion: 83 Resp: 82187

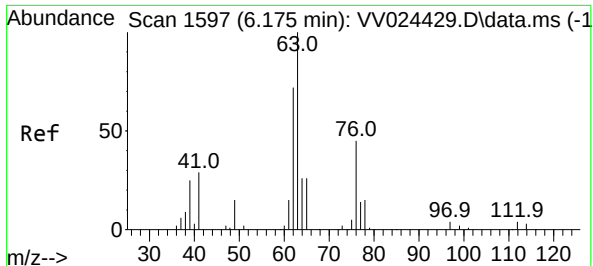
Ion Ratio Lower Upper

83 100

55 80.1 60.2 90.2

98 48.3 41.0 61.4





#37

1,2-Dichloropropane

Concen: 5.345 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.006 min

Lab File: VV024452.D

Acq: 27 Jan 2022 15:10

Instrument :

MSVOA_V

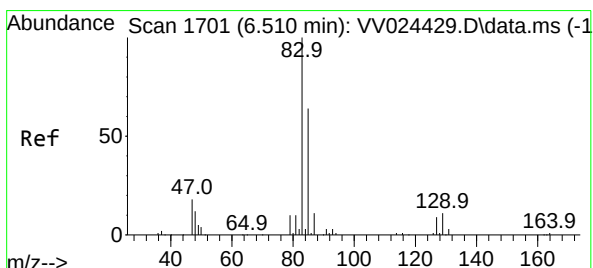
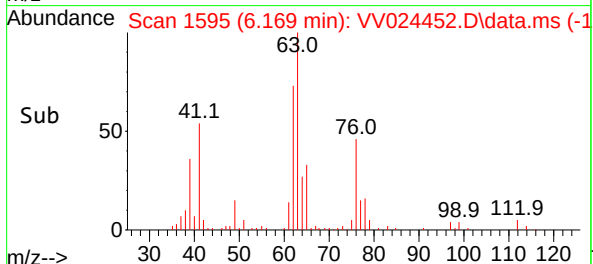
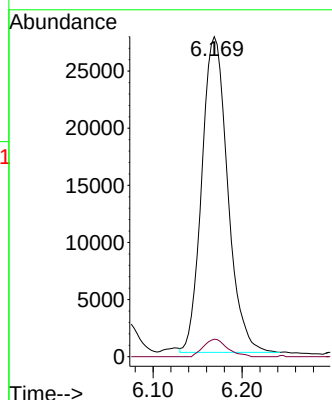
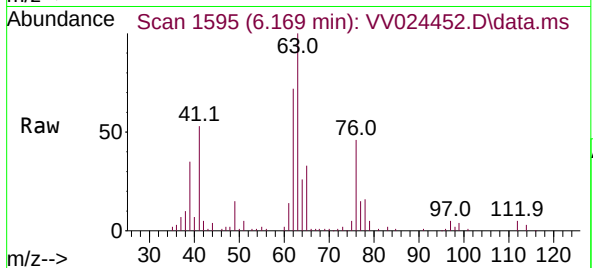
ClientSampleId :

Tgt Ion: 63 Resp: 55842

Ion Ratio Lower Upper

63 100

112 5.1 4.3 6.5



#38

Bromodichloromethane

Concen: 5.393 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.004 min

Lab File: VV024452.D

Acq: 27 Jan 2022 15:10

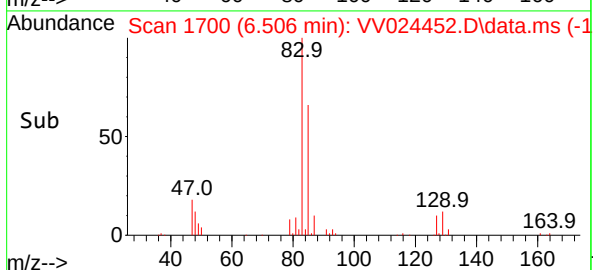
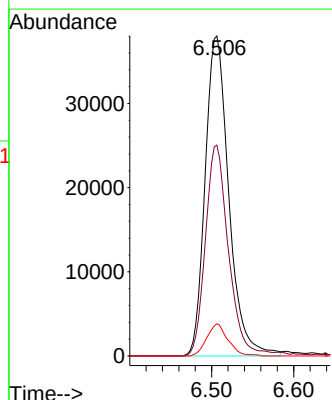
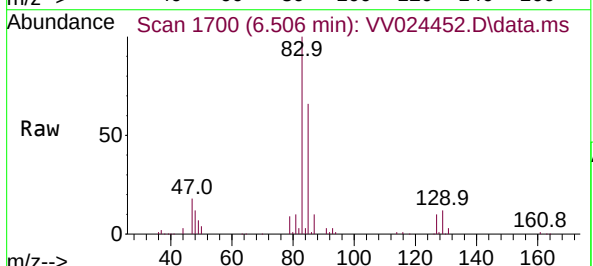
Tgt Ion: 83 Resp: 76290

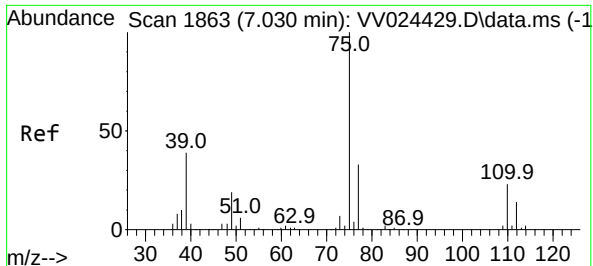
Ion Ratio Lower Upper

83 100

85 65.9 44.0 81.8

127 10.0 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 5.326 ug/L

RT: 7.024 min Scan# 11

Delta R.T. -0.006 min

Lab File: VV024452.D

Acq: 27 Jan 2022 15:10

Instrument :

MSVOA_V

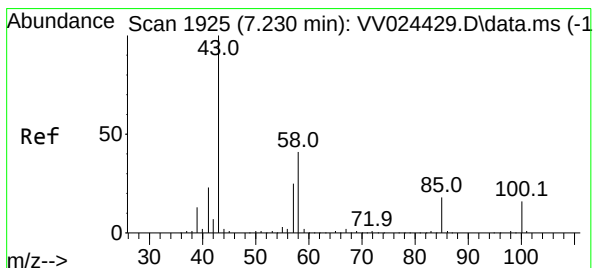
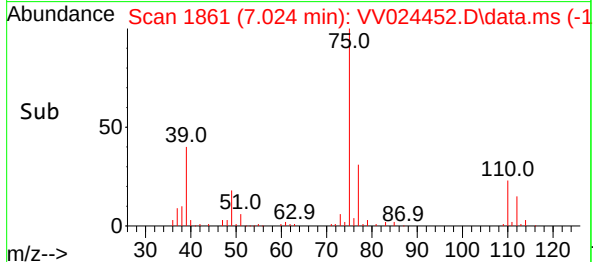
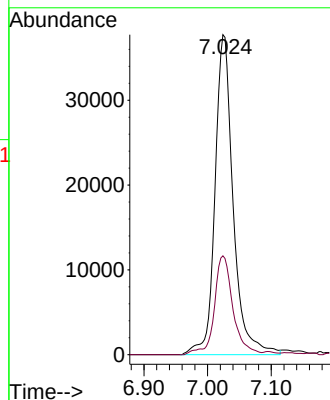
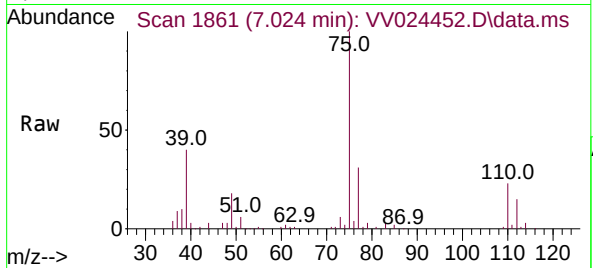
ClientSampleId :

Tgt Ion: 75 Resp: 74977

Ion Ratio Lower Upper

75 100

77 30.9 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 56.415 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.007 min

Lab File: VV024452.D

Acq: 27 Jan 2022 15:10

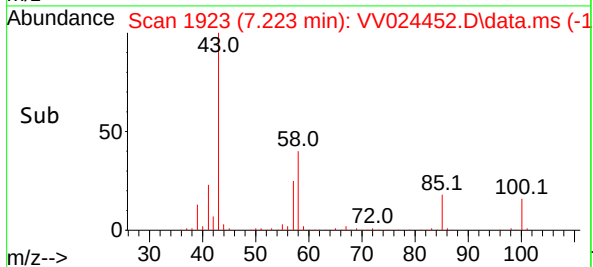
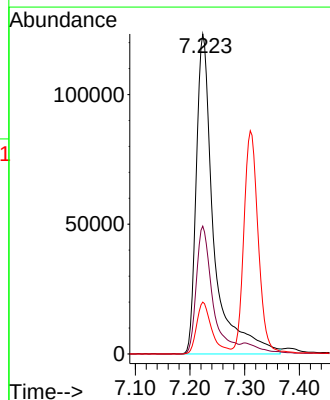
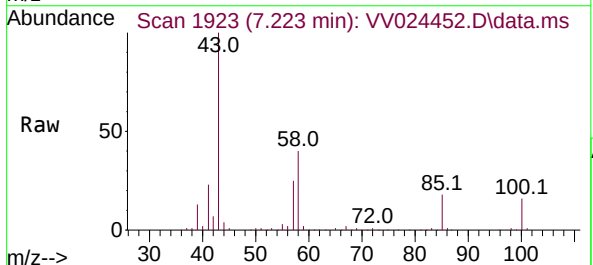
Tgt Ion: 43 Resp: 274748

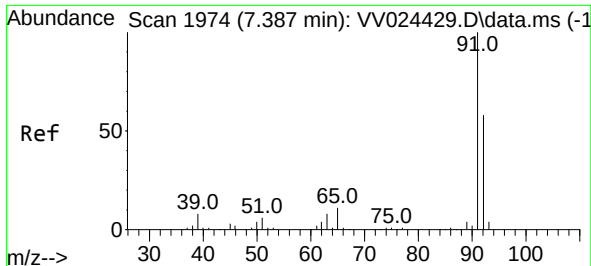
Ion Ratio Lower Upper

43 100

58 37.2 32.3 48.5

100 14.1 13.0 19.6





#42

Toluene

Concen: 5.489 ug/L

RT: 7.384 min Scan# 1974

Delta R.T. -0.003 min

Lab File: VV024452.D

Acq: 27 Jan 2022 15:10

Instrument :

MSVOA_V

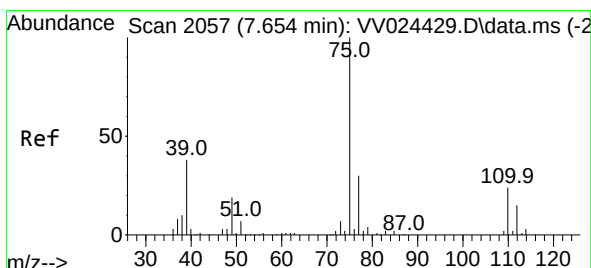
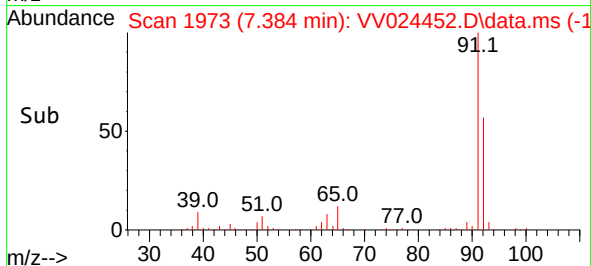
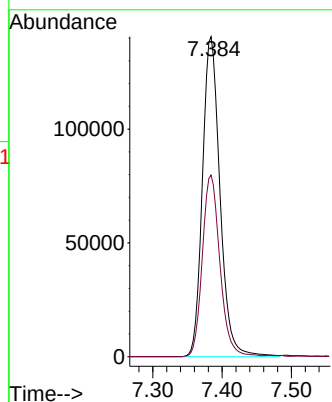
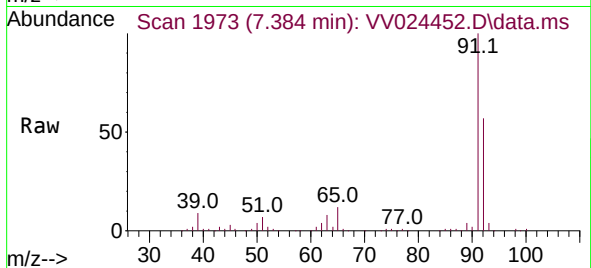
ClientSampleId :

Tgt Ion: 91 Resp: 247264

Ion Ratio Lower Upper

91 100

92 56.7 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 5.556 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.006 min

Lab File: VV024452.D

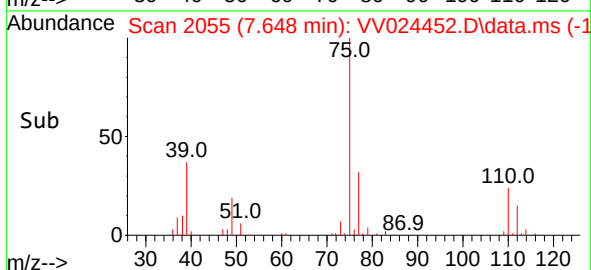
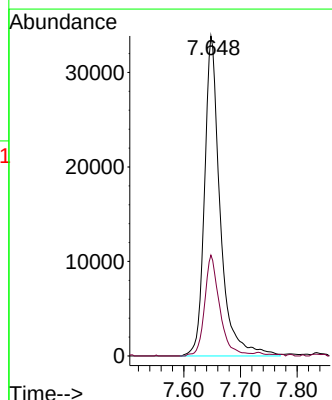
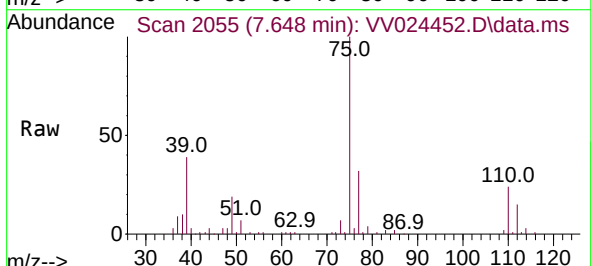
Acq: 27 Jan 2022 15:10

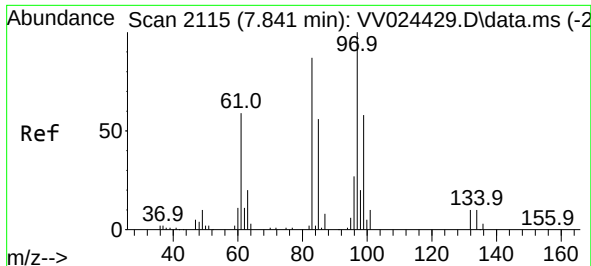
Tgt Ion: 75 Resp: 65154

Ion Ratio Lower Upper

75 100

77 31.5 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 5.470 ug/L

RT: 7.837 min Scan# 2114

Delta R.T. -0.004 min

Lab File: VV024452.D

Acq: 27 Jan 2022 15:10

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 38642

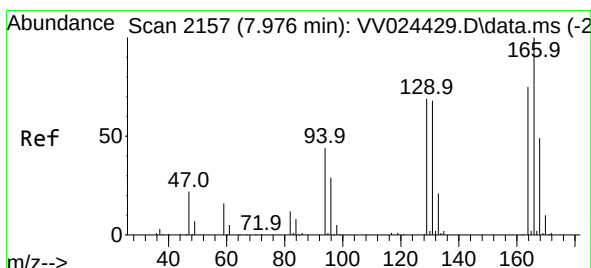
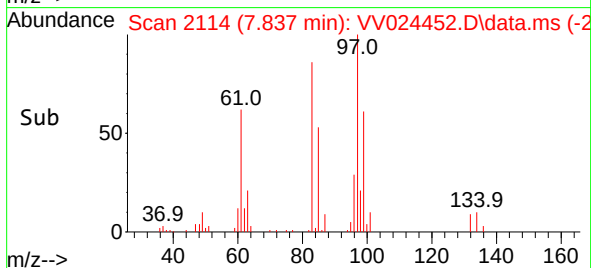
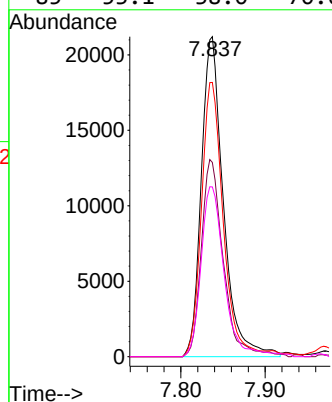
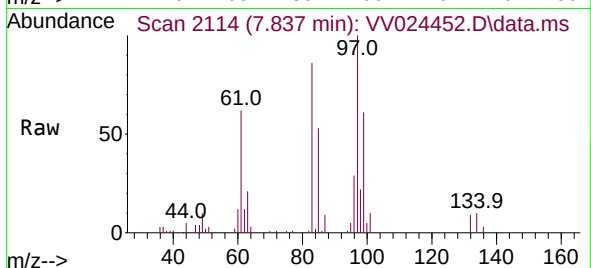
Ion Ratio Lower Upper

97 100

99 60.7 43.1 80.1

83 85.7 57.9 107.5

85 53.1 38.0 70.6



#47

Tetrachloroethene

Concen: 5.094 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.004 min

Lab File: VV024452.D

Acq: 27 Jan 2022 15:10

Tgt Ion: 164 Resp: 48241

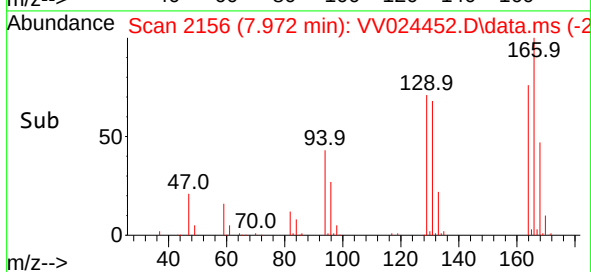
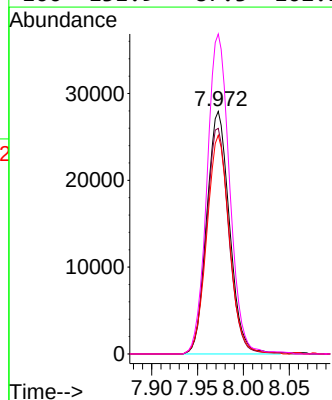
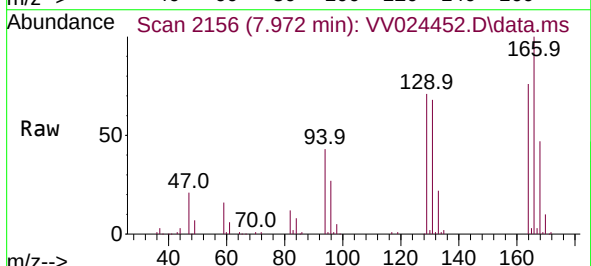
Ion Ratio Lower Upper

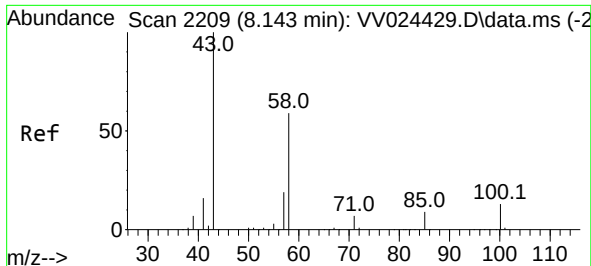
164 100

129 93.0 62.6 116.2

131 90.2 61.0 113.4

166 131.9 87.3 162.1



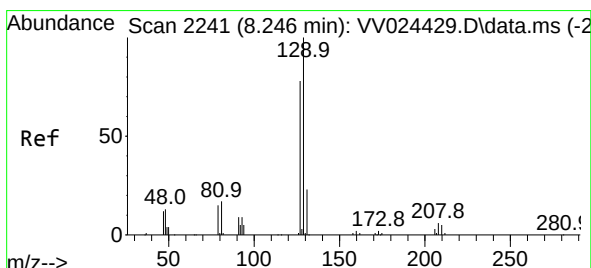
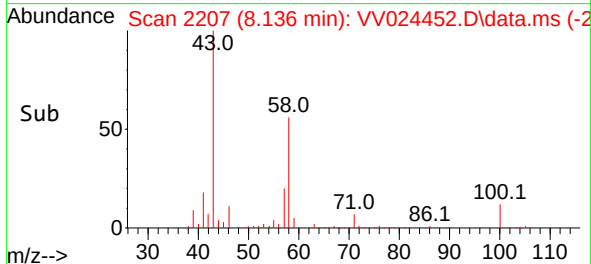
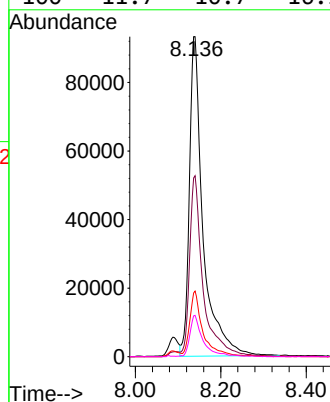
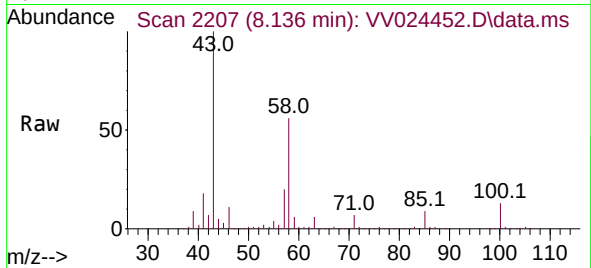


#48
2-Hexanone
Concen: 57.964 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.007 min
Lab File: VV024452.D
Acq: 27 Jan 2022 15:10

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 207554

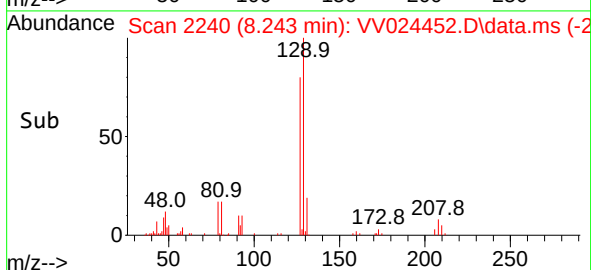
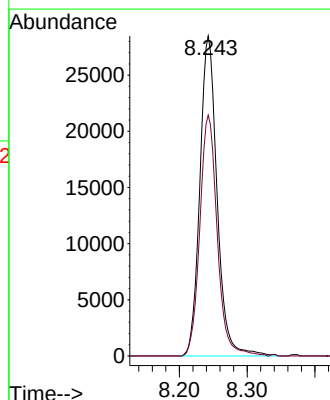
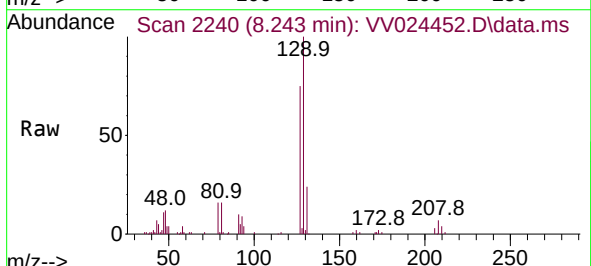
Ion	Ratio	Lower	Upper
43	100		
58	55.3	44.5	66.7
57	19.2	15.1	22.7
100	11.7	10.7	16.1

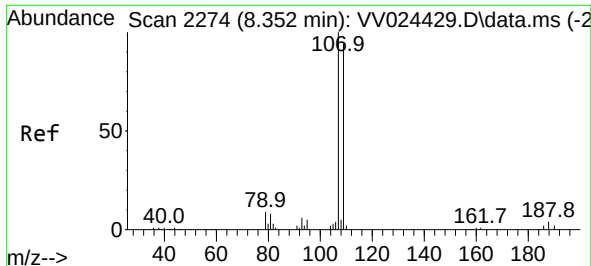


#49
Dibromochloromethane
Concen: 5.720 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.003 min
Lab File: VV024452.D
Acq: 27 Jan 2022 15:10

Tgt Ion: 129 Resp: 50289

Ion	Ratio	Lower	Upper
129	100		
127	75.2	53.5	99.3





#50

1,2-Dibromoethane

Concen: 5.643 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV024452.D

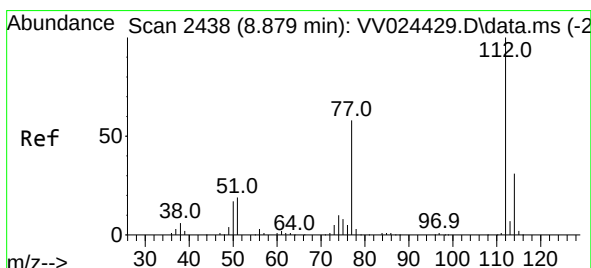
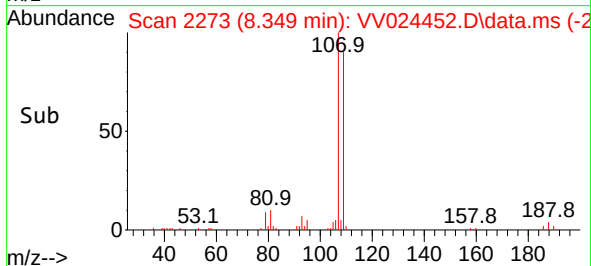
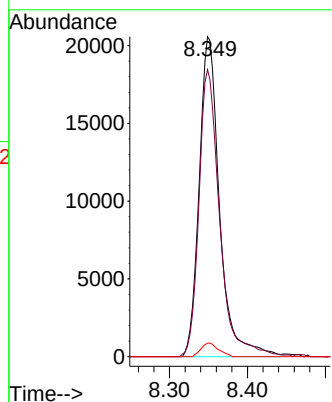
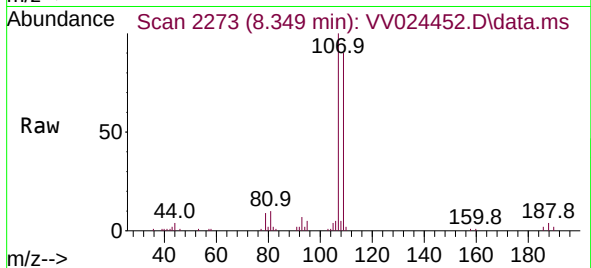
Acq: 27 Jan 2022 15:10

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	37371
Ion	Ratio	Lower	Upper
107	100		
109	89.7	62.5	116.1
188	4.2	3.4	5.2



#51

Chlorobenzene

Concen: 5.185 ug/L

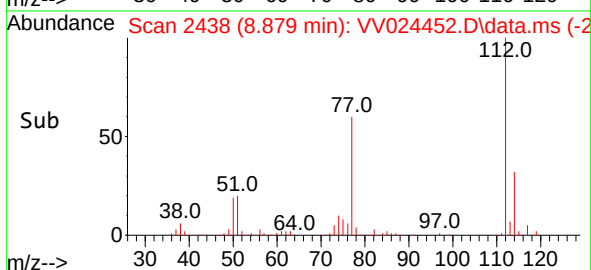
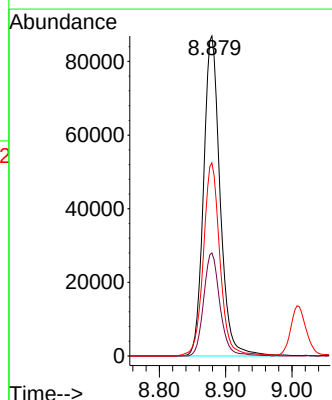
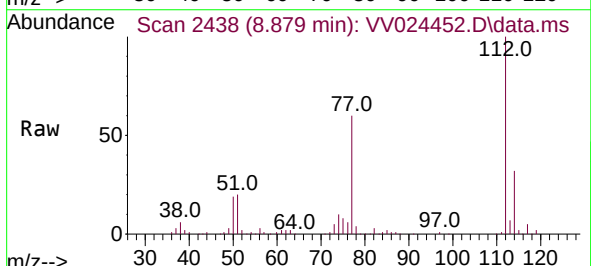
RT: 8.879 min Scan# 2438

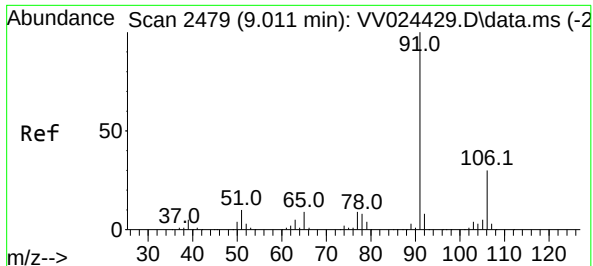
Delta R.T. 0.000 min

Lab File: VV024452.D

Acq: 27 Jan 2022 15:10

Tgt Ion:	112	Resp:	150802
Ion	Ratio	Lower	Upper
112	100		
114	32.2	23.3	43.3
77	60.4	43.3	64.9

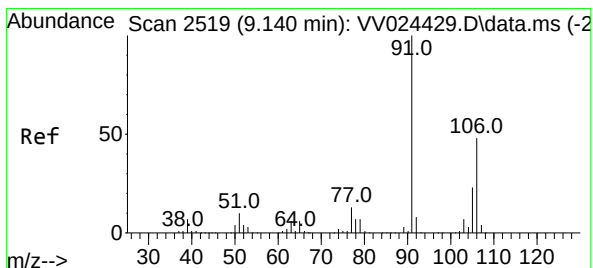
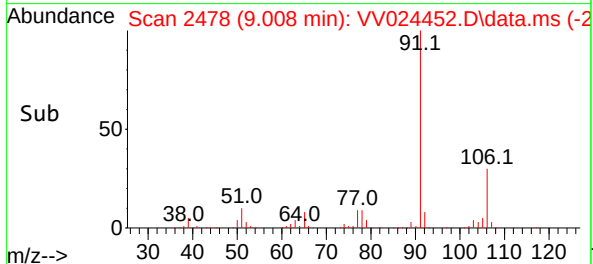
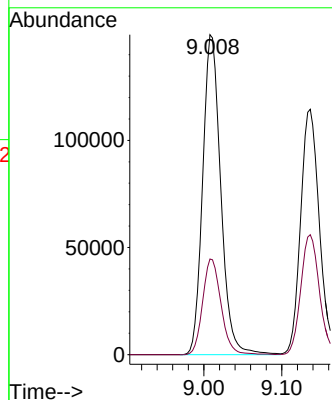
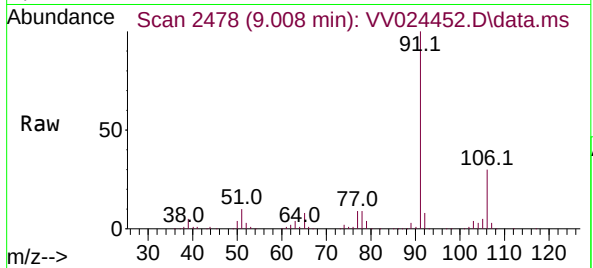




#52
Ethylbenzene
Concen: 5.089 ug/L
RT: 9.008 min Scan# 2479
Delta R.T. -0.003 min
Lab File: VV024452.D
Acq: 27 Jan 2022 15:10

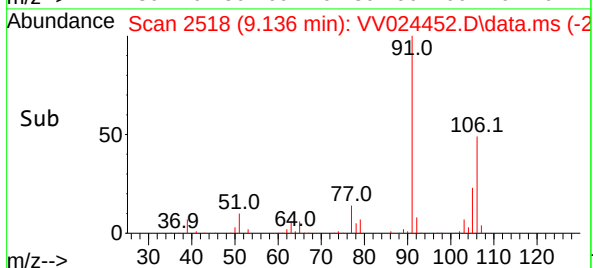
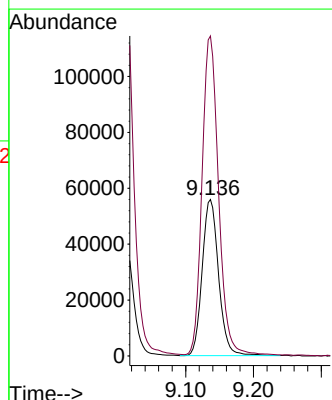
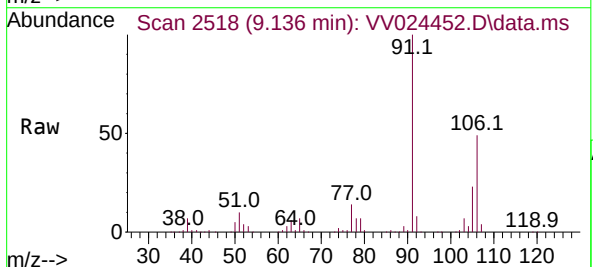
Instrument :
MSVOA_V
ClientSampleId :

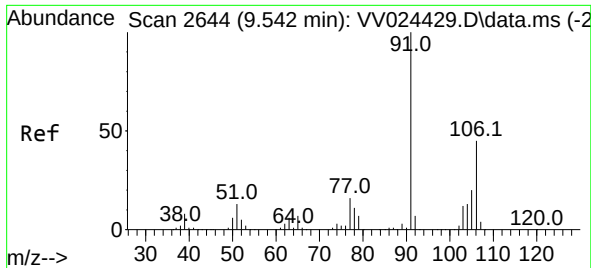
Tgt Ion: 91 Resp: 240999
Ion Ratio Lower Upper
91 100
106 29.9 22.0 41.0



#53
m,p-xylene
Concen: 5.279 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.004 min
Lab File: VV024452.D
Acq: 27 Jan 2022 15:10

Tgt Ion: 106 Resp: 93832
Ion Ratio Lower Upper
106 100
91 204.4 139.5 259.1

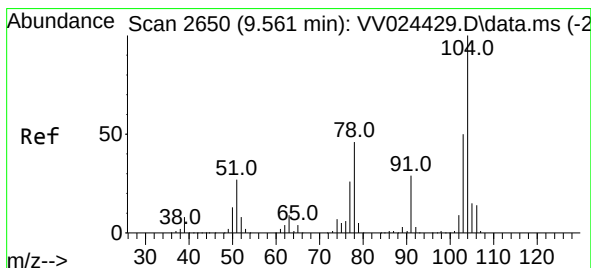
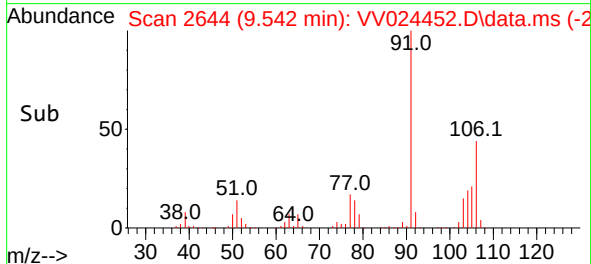
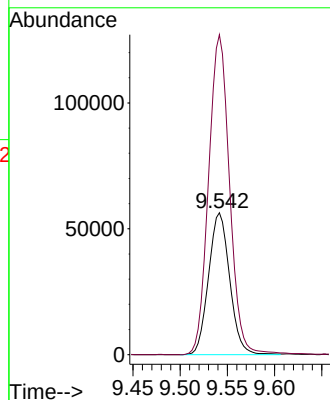
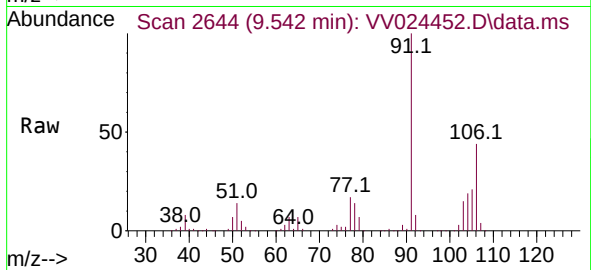




#54
o-xylene
Concen: 5.234 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV024452.D
Acq: 27 Jan 2022 15:10

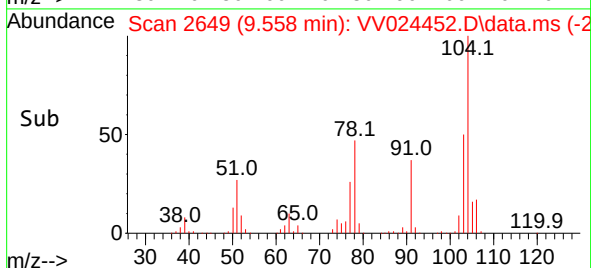
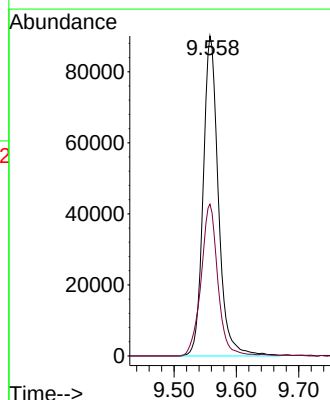
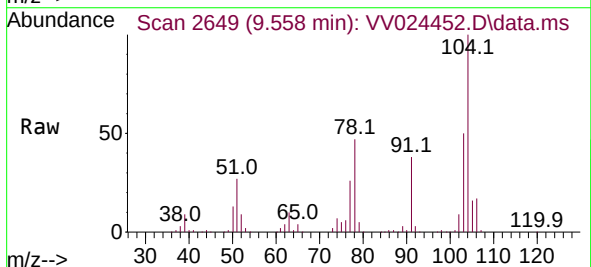
Instrument :
MSVOA_V
ClientSampleId :

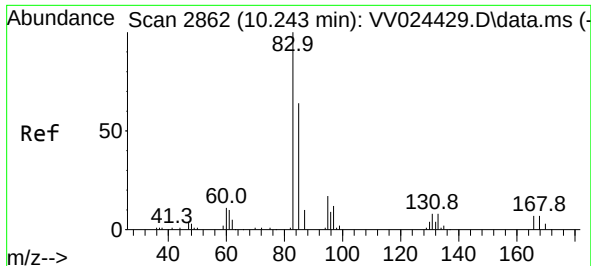
Tgt Ion:106 Resp: 87669
Ion Ratio Lower Upper
106 100
91 225.4 147.9 274.7



#55
Styrene
Concen: 5.468 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV024452.D
Acq: 27 Jan 2022 15:10

Tgt Ion:104 Resp: 153147
Ion Ratio Lower Upper
104 100
78 47.5 31.0 57.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.459 ug/L

RT: 10.239 min Scan# 21

Delta R.T. -0.004 min

Lab File: VV024452.D

Acq: 27 Jan 2022 15:10

Instrument :

MSVOA_V

ClientSampleId :

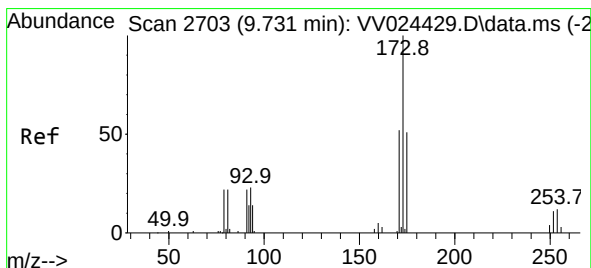
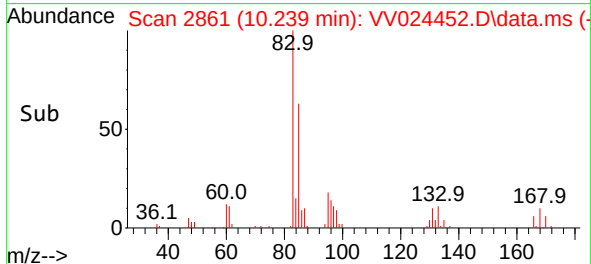
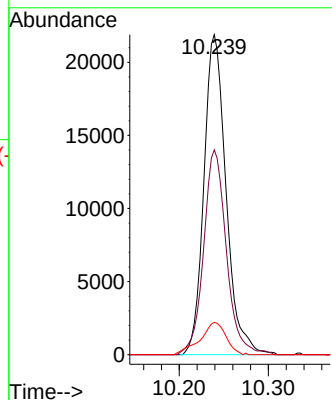
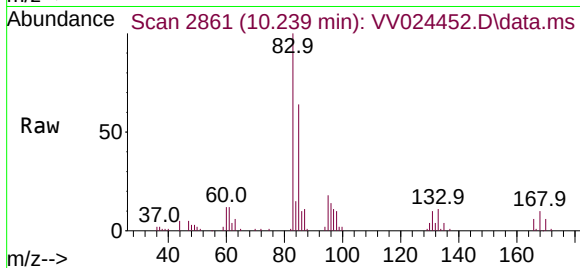
Tgt Ion: 83 Resp: 37764

Ion Ratio Lower Upper

83 100

85 64.0 44.6 82.8

131 10.1 8.3 12.5



#59

Bromoform

Concen: 5.707 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. -0.003 min

Lab File: VV024452.D

Acq: 27 Jan 2022 15:10

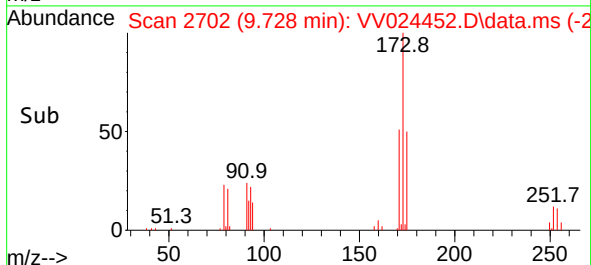
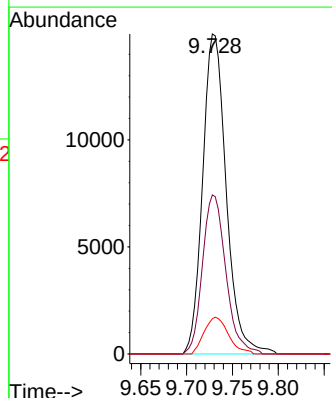
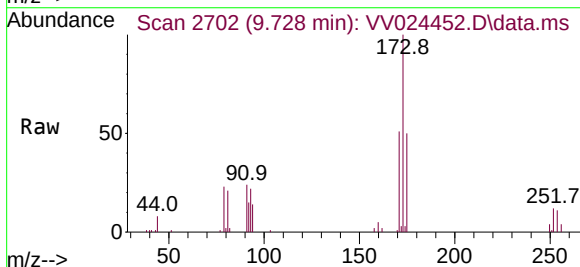
Tgt Ion: 173 Resp: 26741

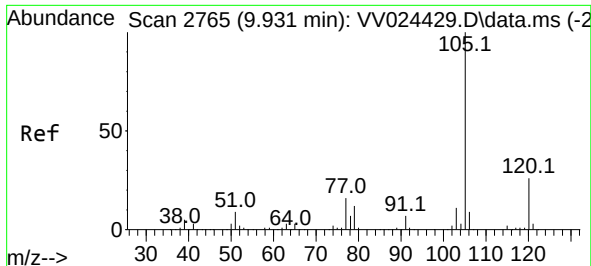
Ion Ratio Lower Upper

173 100

175 49.2 39.4 59.2

254 11.8 7.4 11.0#

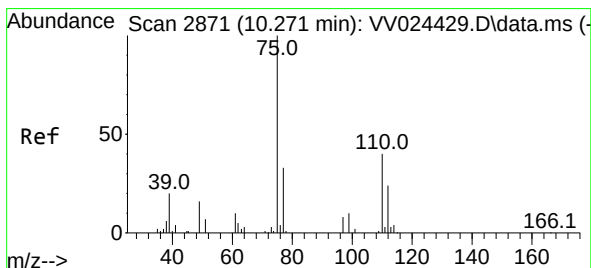
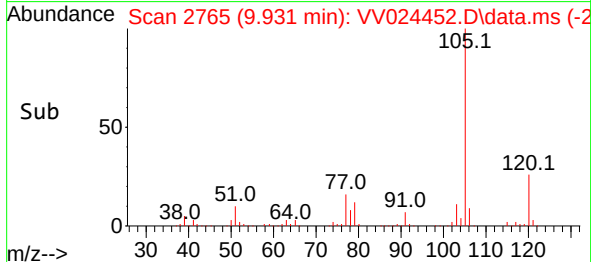
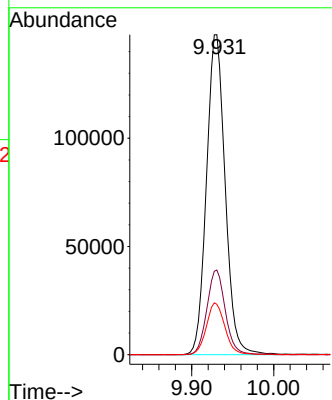
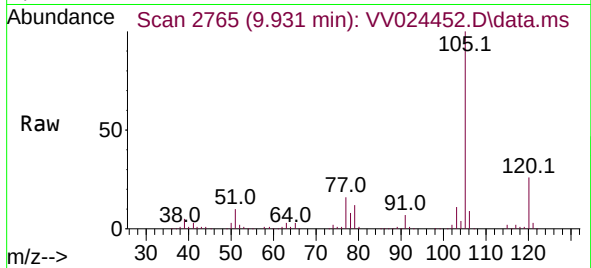




#60
Isopropylbenzene
Concen: 5.155 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV024452.D
Acq: 27 Jan 2022 15:10

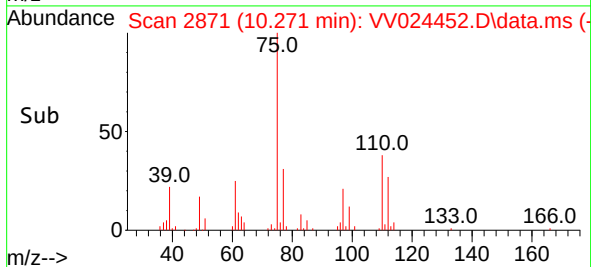
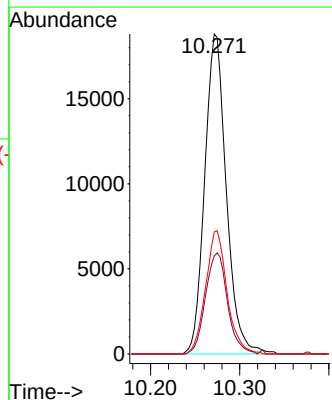
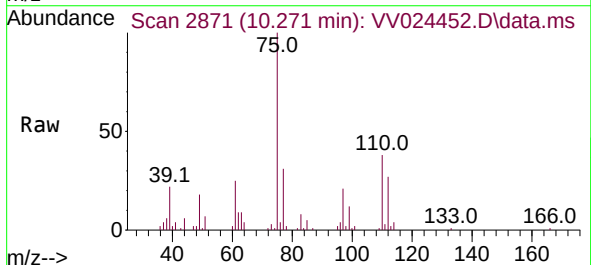
Instrument :
MSVOA_V
ClientSampleId :

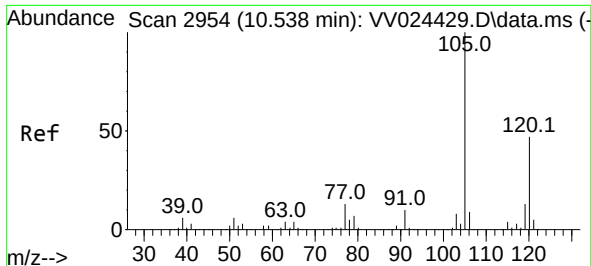
Tgt Ion:105 Resp: 233914
Ion Ratio Lower Upper
105 100
120 26.1 21.4 32.0
77 16.1 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.481 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV024452.D
Acq: 27 Jan 2022 15:10

Tgt Ion: 75 Resp: 31648
Ion Ratio Lower Upper
75 100
77 32.1 26.4 39.6
110 38.3 34.2 51.2





#62

1,3,5-Trimethylbenzene

Concen: 5.143 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV024452.D

Acq: 27 Jan 2022 15:10

Instrument :

MSVOA_V

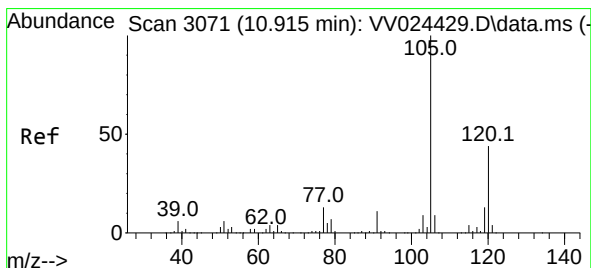
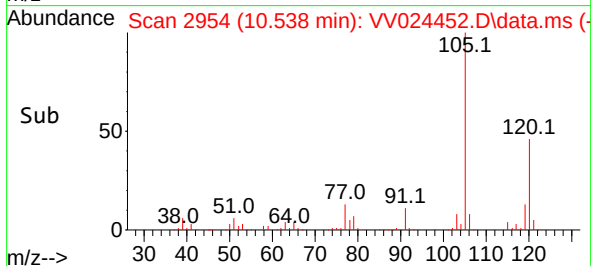
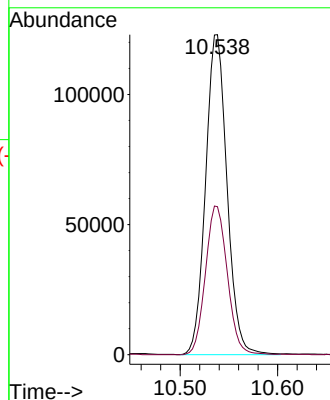
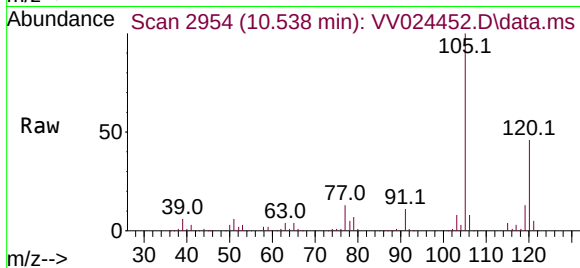
ClientSampleId :

Tgt Ion:105 Resp: 187929

Ion Ratio Lower Upper

105 100

120 47.4 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 5.212 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.004 min

Lab File: VV024452.D

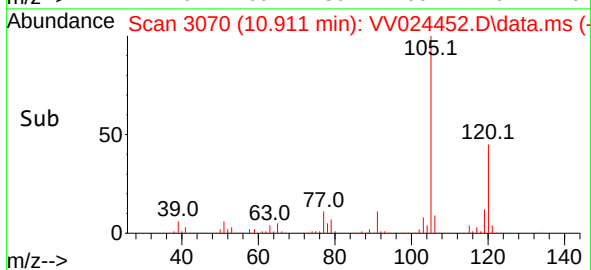
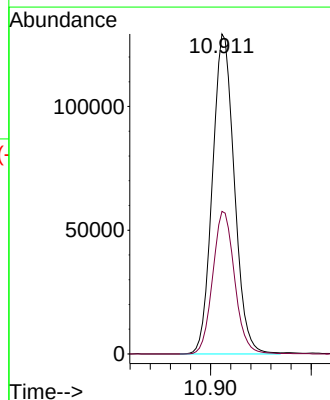
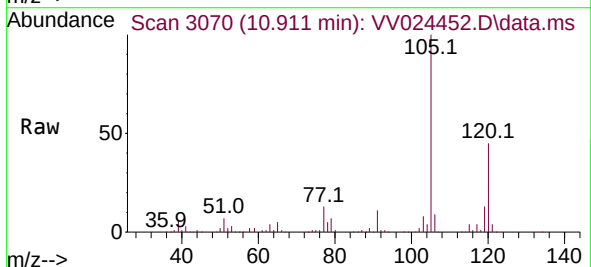
Acq: 27 Jan 2022 15:10

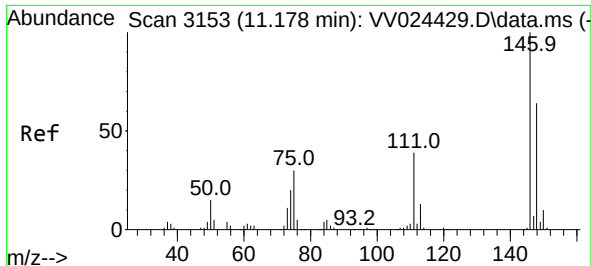
Tgt Ion:105 Resp: 195418

Ion Ratio Lower Upper

105 100

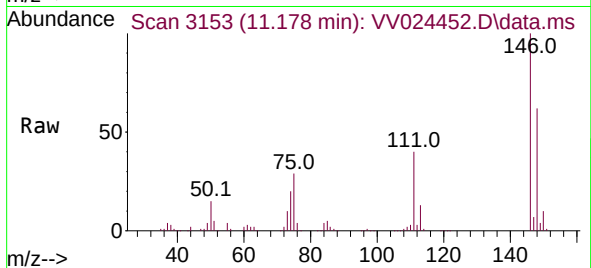
120 44.6 36.7 55.1



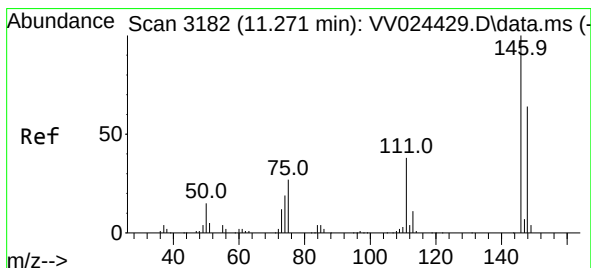
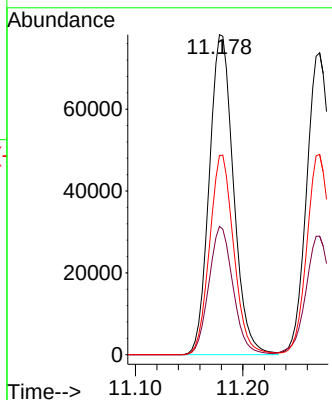
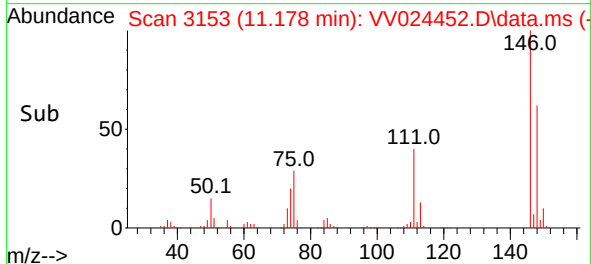


#64
1,3-Dichlorobenzene
Concen: 5.347 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV024452.D
Acq: 27 Jan 2022 15:10

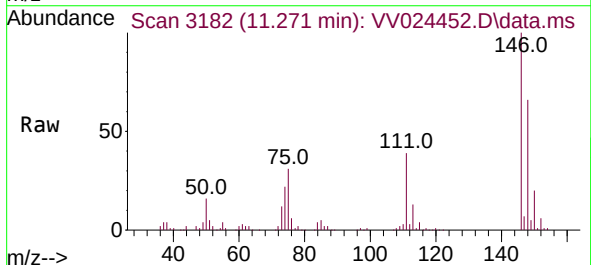
Instrument :
MSVOA_V
ClientSampleId :



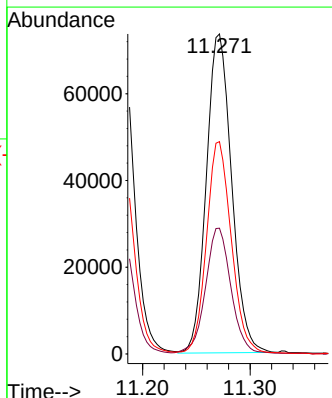
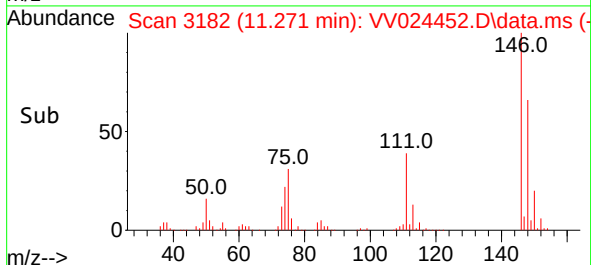
Tgt Ion:146 Resp: 122655
Ion Ratio Lower Upper
146 100
111 40.1 26.3 48.9
148 62.2 44.4 82.5

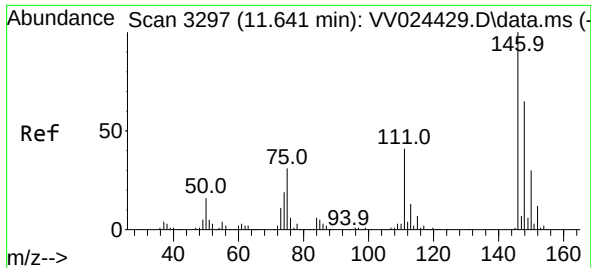


#65
1,4-Dichlorobenzene
Concen: 5.152 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV024452.D
Acq: 27 Jan 2022 15:10



Tgt Ion:146 Resp: 120324
Ion Ratio Lower Upper
146 100
111 39.3 25.6 47.6
148 66.4 44.8 83.2

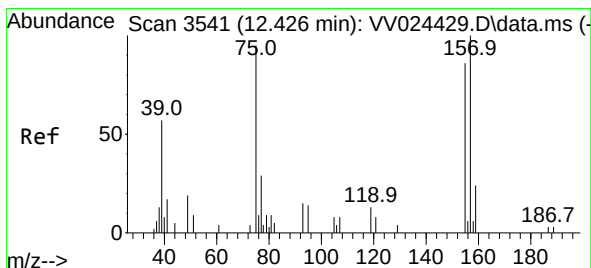
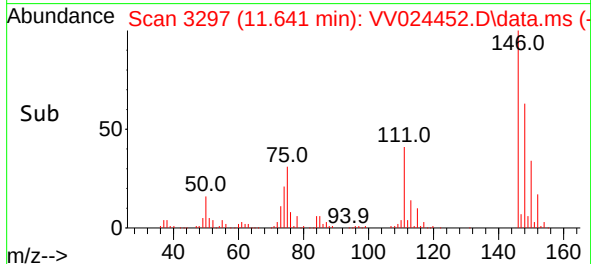
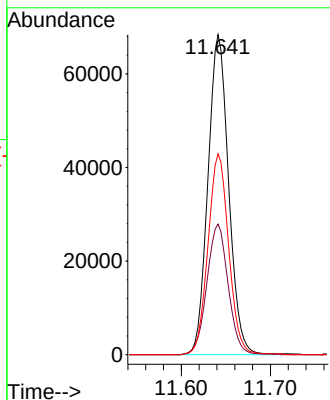
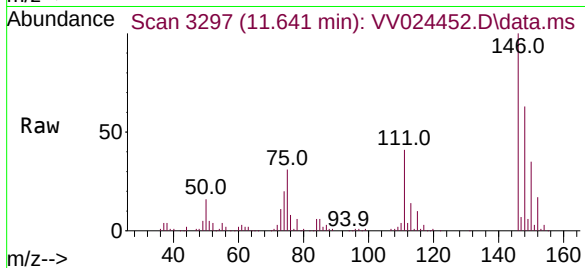




#67
1,2-Dichlorobenzene
Concen: 5.229 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV024452.D
Acq: 27 Jan 2022 15:10

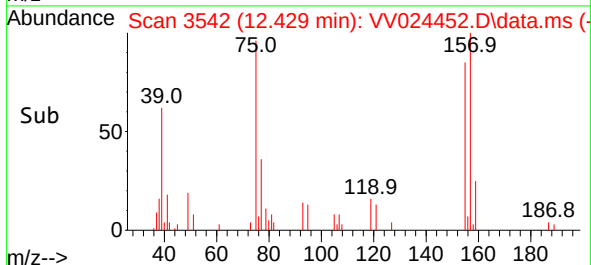
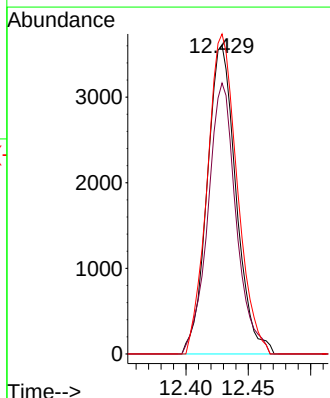
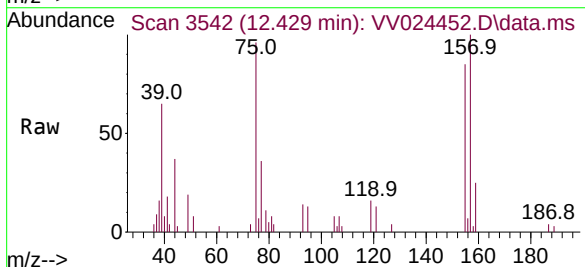
Instrument :
MSVOA_V
ClientSampleId :

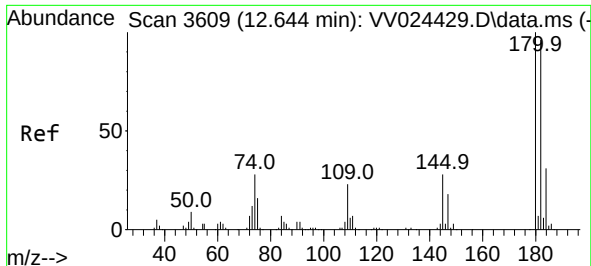
Tgt Ion:146 Resp: 110111
Ion Ratio Lower Upper
146 100
111 40.8 31.9 47.9
148 62.8 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 5.181 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.003 min
Lab File: VV024452.D
Acq: 27 Jan 2022 15:10

Tgt Ion: 75 Resp: 5818
Ion Ratio Lower Upper
75 100
155 87.7 71.7 107.5
157 103.6 103.3 154.9





#69

1,3,5-Trichlorobenzene

Concen: 5.008 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.000 min

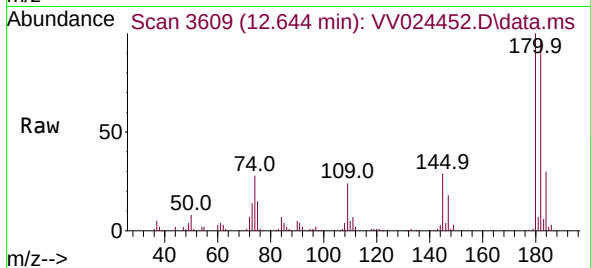
Lab File: VV024452.D

Acq: 27 Jan 2022 15:10

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 93636

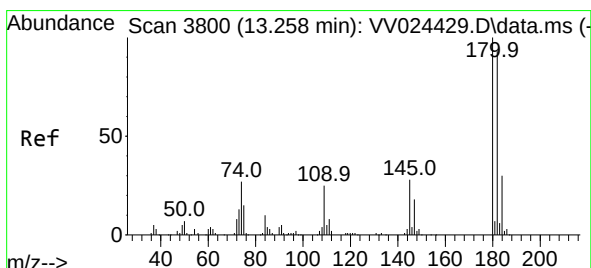
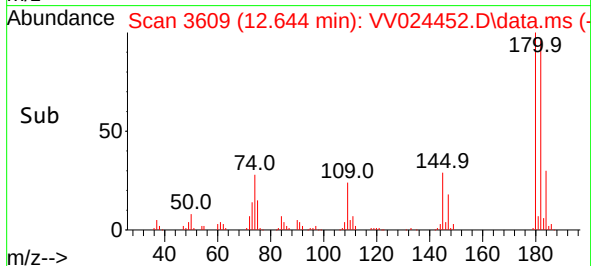
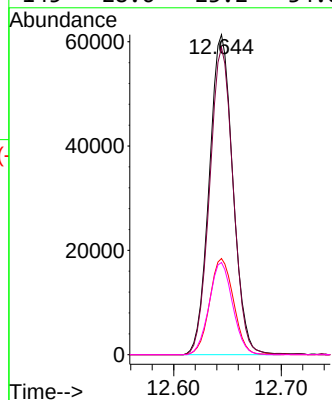
Ion Ratio Lower Upper

180 100

182 95.2 76.4 114.6

184 30.3 24.2 36.4

145 28.6 23.2 34.8



#70

1,2,4-trichlorobenzene

Concen: 4.937 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV024452.D

Acq: 27 Jan 2022 15:10

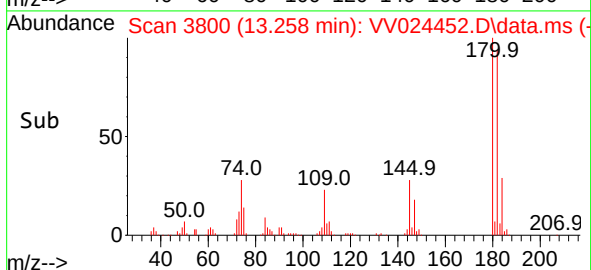
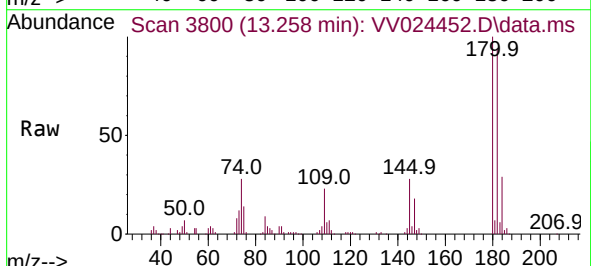
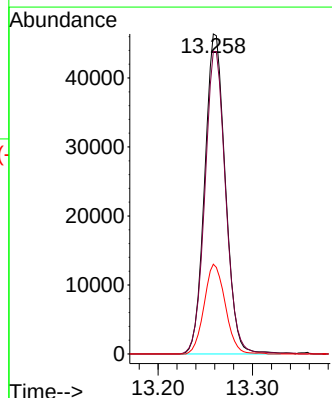
Tgt Ion:180 Resp: 70303

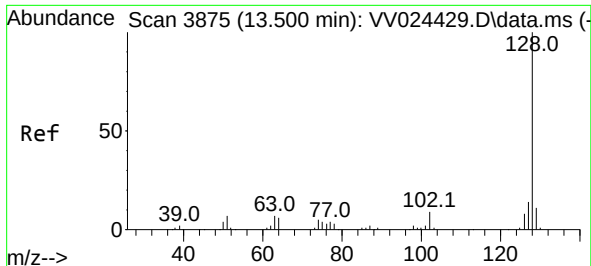
Ion Ratio Lower Upper

180 100

182 95.4 74.4 111.6

145 28.7 23.3 34.9

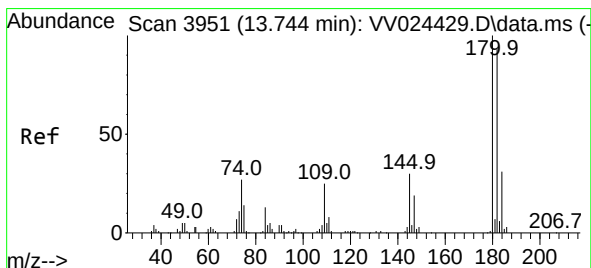
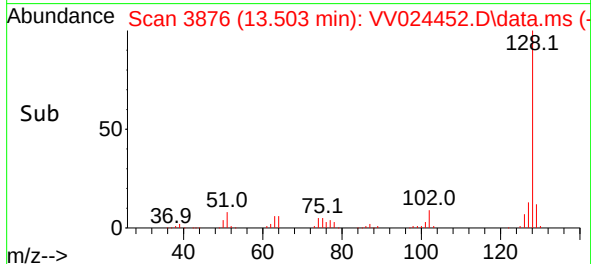
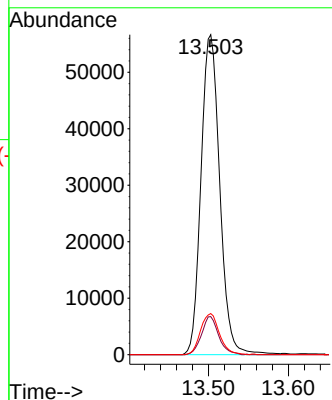
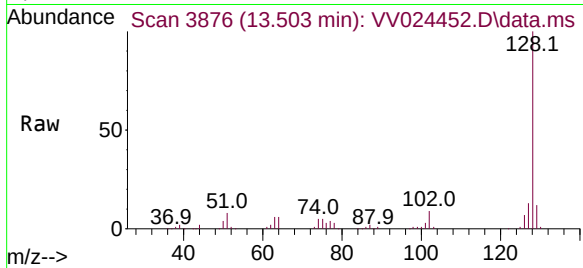




#71
Naphthalene
Concen: 5.153 ug/L
RT: 13.503 min Scan# 3875
Delta R.T. 0.003 min
Lab File: VV024452.D
Acq: 27 Jan 2022 15:10

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 92542
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 12.9 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.222 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV024452.D
Acq: 27 Jan 2022 15:10

Tgt Ion:180 Resp: 63444
Ion Ratio Lower Upper
180 100
182 95.7 76.8 115.2
145 31.2 25.8 38.6

