

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041122\
 Data File : VW025462.D
 Acq On : 11 Apr 2022 19:53
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 12 07:09:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 12 07:03:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	105860	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	106008	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	55928	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	53668	5.453	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 109.000%	
7) Chloroethane-d5	1.571	69	54517	5.207	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 104.200%	
11) 1,1-Dichloroethene-d2	2.111	63	111183	5.639	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 112.800%	
20) 2-Butanone-d5	3.895	46	81671	68.220	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 136.440%#	
24) Chloroform-d	4.352	84	87399	5.877	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 117.600%	
26) 1,2-Dichloroethane-d4	5.037	65	40834	6.372	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 127.400%	
32) Benzene-d6	5.053	84	165776	5.405	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 108.000%	
36) 1,2-Dichloropropane-d6	6.069	67	49253	5.758	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 115.200%	
41) Toluene-d8	7.317	98	152516	5.358	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 107.200%	
43) trans-1,3-Dichloroprop...	7.625	79	15388	5.352	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 107.000%	
46) 2-Hexanone-d5	8.088	63	60080	59.539	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 119.080%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	32505	6.015	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 120.200%#	
66) 1,2-Dichlorobenzene-d4	11.622	152	51007	5.440	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 108.800%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	49807	5.208	ug/L	100
3) Chloromethane	1.243	50	77280	7.437	ug/L	100
5) Vinyl chloride	1.314	62	73590	6.267	ug/L	99
6) Bromomethane	1.526	94	48967	5.783	ug/L	99
8) Chloroethane	1.587	64	56212	6.202	ug/L	98
9) Trichlorofluoromethane	1.754	101	95571	5.795	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	49337	5.325	ug/L	98
12) 1,1-Dichloroethene	2.121	96	53341	5.809	ug/L	87
13) Acetone	2.185	43	57724	71.039	ug/L	98
14) Carbon disulfide	2.297	76	115190	5.241	ug/L	100
15) Methyl Acetate	2.442	43	15150	8.389	ug/L #	88
16) Methylene chloride	2.510	84	50239	5.644	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	96386	6.784	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	44538	5.789	ug/L	93
19) 1,1-Dichloroethane	3.191	63	83632	6.418	ug/L	95
21) 2-Butanone	3.982	43	83148	74.054	ug/L	99
22) cis-1,2-Dichloroethene	3.915	96	49954	6.167	ug/L	99
23) Bromochloromethane	4.252	128	23040	6.851	ug/L	98
25) Chloroform	4.378	83	89695	6.521	ug/L	96

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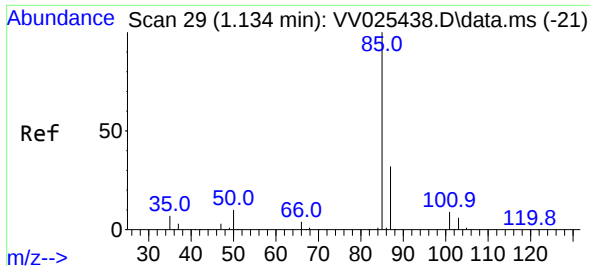
Quant Time: Apr 12 07:09:06 2022
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	50410	6.946	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	69647	5.571	ug/L	99
30) Cyclohexane	4.680	56	51198	4.504	ug/L	99
31) Carbon tetrachloride	4.831	117	55550	5.253	ug/L	99
33) Benzene	5.101	78	182433	5.826	ug/L	100
34) Trichloroethene	5.915	95	44825	5.391	ug/L	98
35) Methylcyclohexane	6.133	83	56672	4.272	ug/L	94
37) 1,2-Dichloropropane	6.175	63	44461	6.137	ug/L	100
38) Bromodichloromethane	6.510	83	56725	6.307	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	53679	5.654	ug/L	95
40) 4-Methyl-2-pentanone	7.227	43	213837	73.720	ug/L	99
42) Toluene	7.387	91	187064	5.492	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	43885	5.950	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	32985	6.799	ug/L	96
47) Tetrachloroethene	7.976	164	33061	5.079	ug/L	93
48) 2-Hexanone	8.140	43	153827	76.096	ug/L	97
49) Dibromochloromethane	8.246	129	34390	6.457	ug/L	100
50) 1,2-Dibromoethane	8.352	107	28636	6.284	ug/L	100
51) Chlorobenzene	8.882	112	114948	5.285	ug/L	97
52) Ethylbenzene	9.011	91	176413	4.856	ug/L	97
53) m,p-Xylene	9.140	106	69582	5.037	ug/L	98
54) o-Xylene	9.542	106	67947	5.065	ug/L	97
55) Styrene	9.561	104	118141	5.415	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	32486	6.702	ug/L	99
59) Bromoform	9.731	173	14355	6.218	ug/L	97
60) Isopropylbenzene	9.931	105	175710	5.076	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	26179	7.107	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	75324	4.879	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	135397	4.868	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	85438	5.287	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	84712	5.164	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	77999	5.450	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	4197	6.590	ug/L	92
69) 1,3,5-Trichlorobenzene	12.644	180	58817	4.784	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	45072	4.755	ug/L	98
71) Naphthalene	13.500	128	73665	5.298	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	40758	5.193	ug/L	97

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

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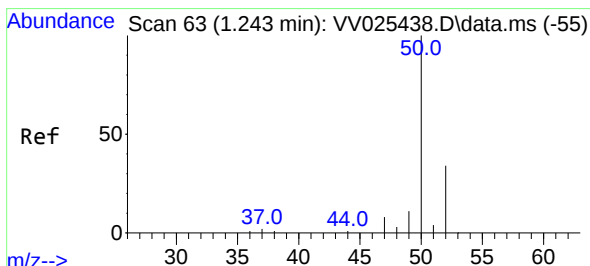
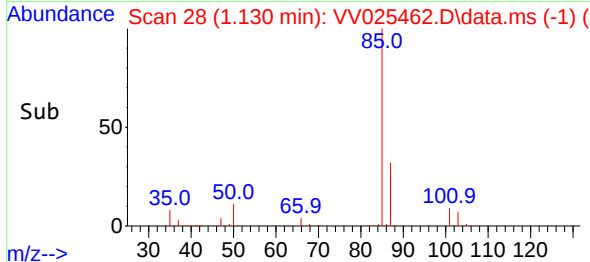
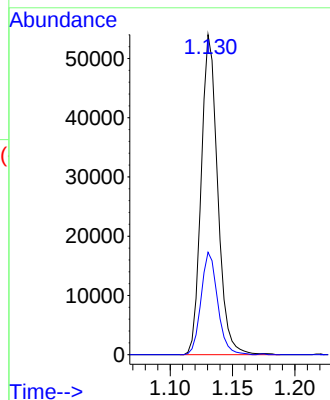
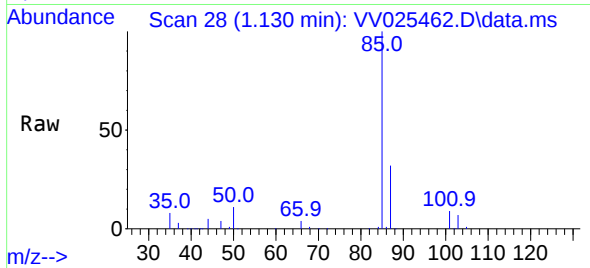




#2
 Dichlorodifluoromethane
 Concen: 5.208 ug/L
 RT: 1.130 min Scan# 29
 Delta R.T. -0.003 min
 Lab File: VV025462.D
 Acq: 11 Apr 2022 19:53

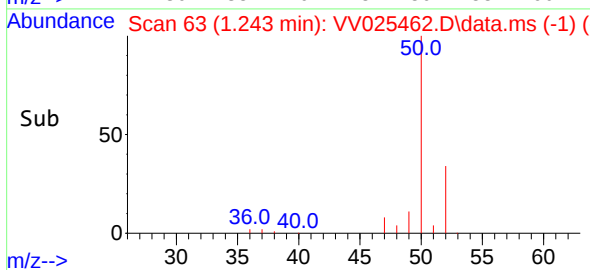
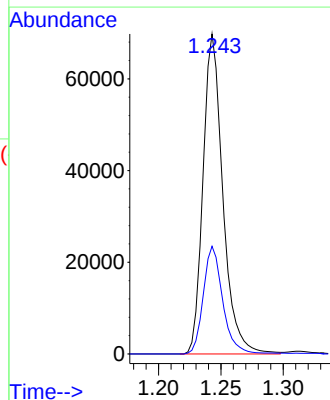
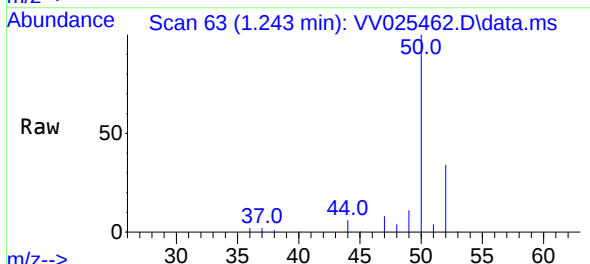
Instrument :
 MSVOA_V
 ClientSampleId :

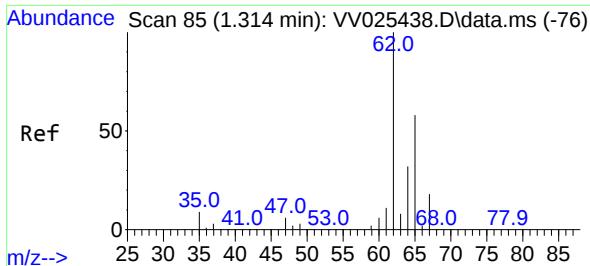
Tgt Ion: 85 Resp: 49807
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.6 38.4



#3
 Chloromethane
 Concen: 7.437 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV025462.D
 Acq: 11 Apr 2022 19:53

Tgt Ion: 50 Resp: 77280
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.7 43.9

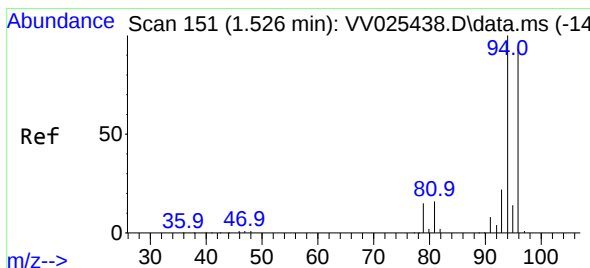
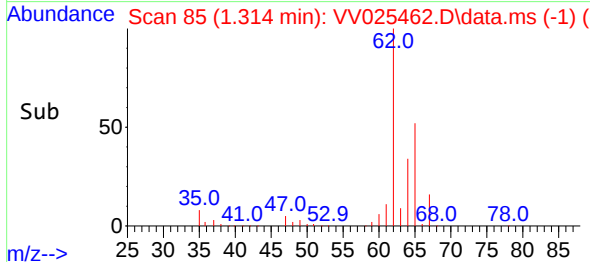
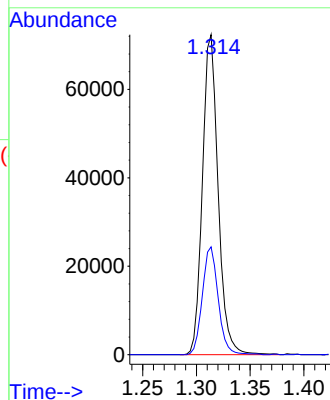
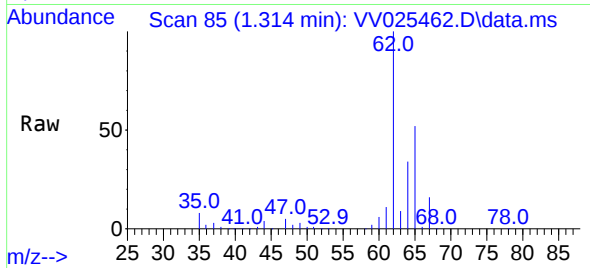




#5
 Vinyl chloride
 Concen: 6.267 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV025462.D
 Acq: 11 Apr 2022 19:53

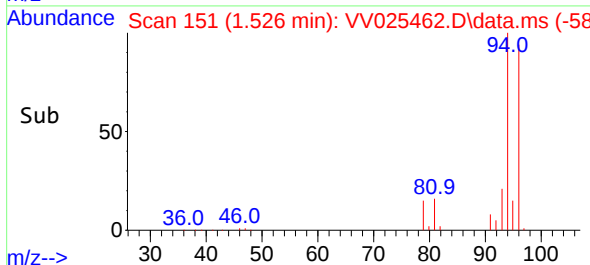
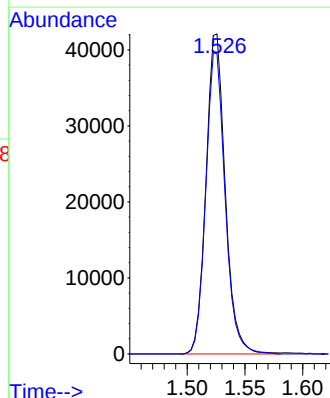
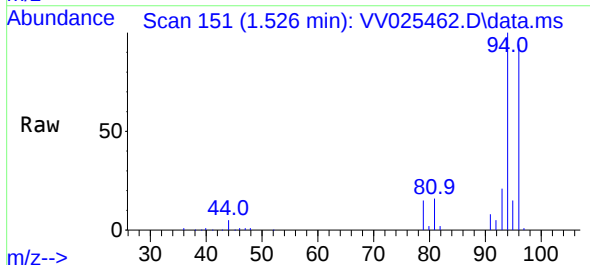
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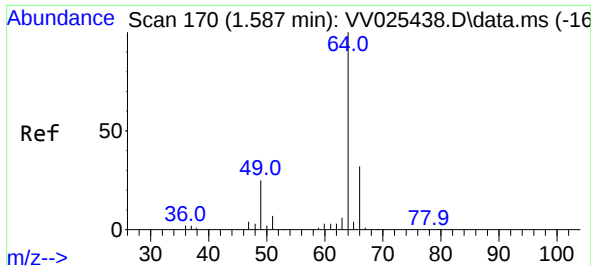
Tgt Ion: 62 Resp: 73590
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.2 43.2



#6
 Bromomethane
 Concen: 5.783 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. -0.000 min
 Lab File: VV025462.D
 Acq: 11 Apr 2022 19:53

Tgt Ion: 94 Resp: 48967
 Ion Ratio Lower Upper
 94 100
 96 93.7 66.1 122.7

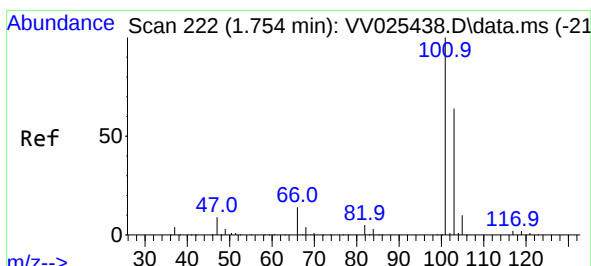
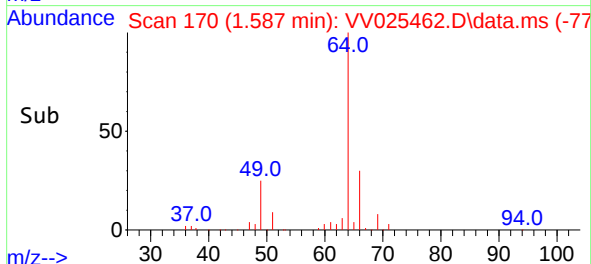
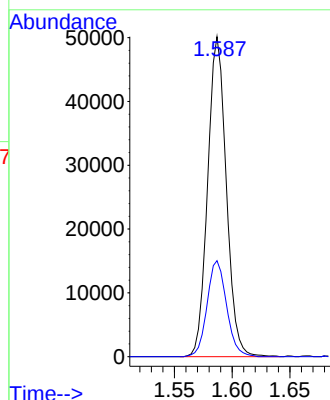
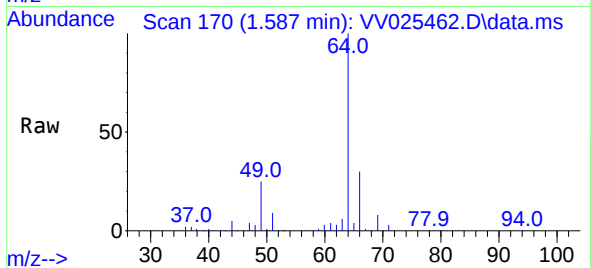




#8
Chloroethane
Concen: 6.202 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV025462.D
Acq: 11 Apr 2022 19:53

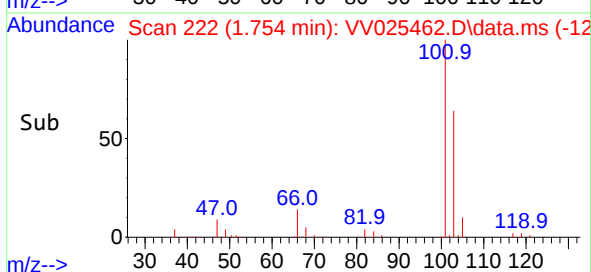
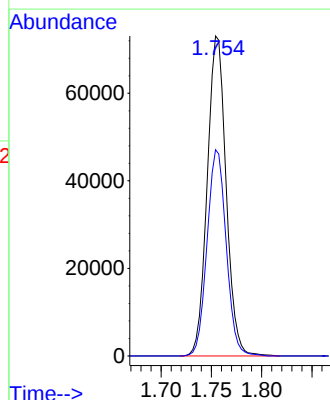
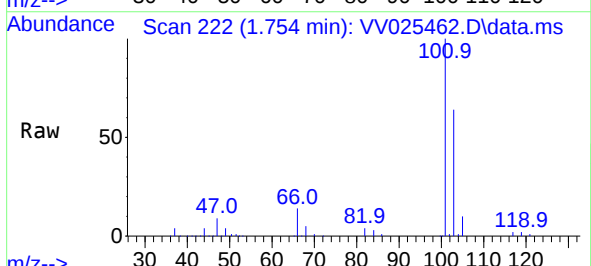
Instrument :
MSVOA_V
ClientSampleId :

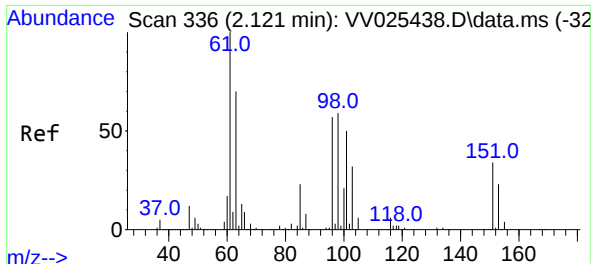
Tgt Ion: 64 Resp: 56212
Ion Ratio Lower Upper
64 100
66 30.0 21.8 40.6



#9
Trichlorofluoromethane
Concen: 5.795 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV025462.D
Acq: 11 Apr 2022 19:53

Tgt Ion:101 Resp: 95571
Ion Ratio Lower Upper
101 100
103 65.1 51.9 77.9

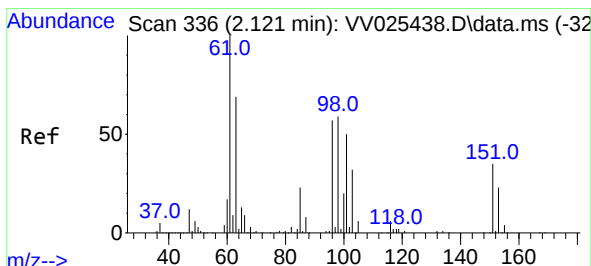
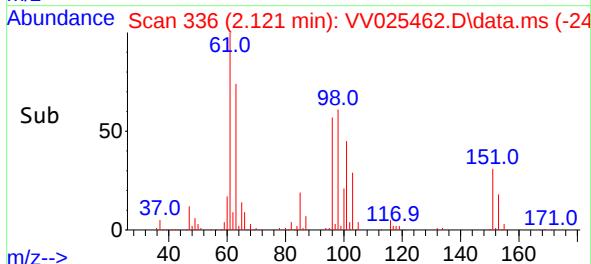
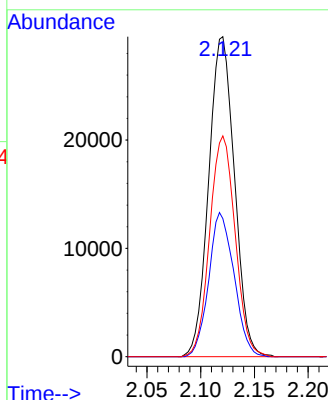
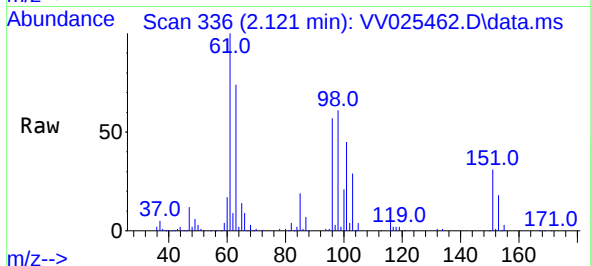




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.325 ug/L
RT: 2.121 min Scan# 336
Delta R.T. -0.000 min
Lab File: VV025462.D
Acq: 11 Apr 2022 19:53

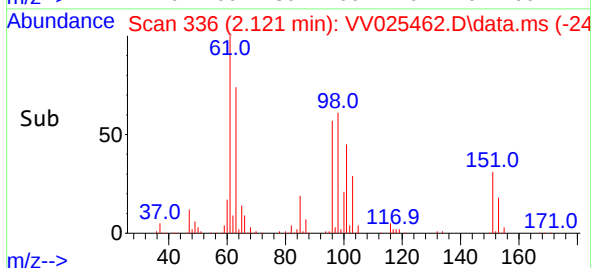
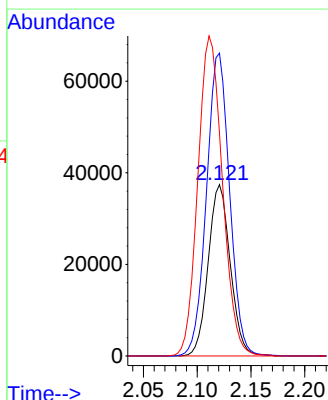
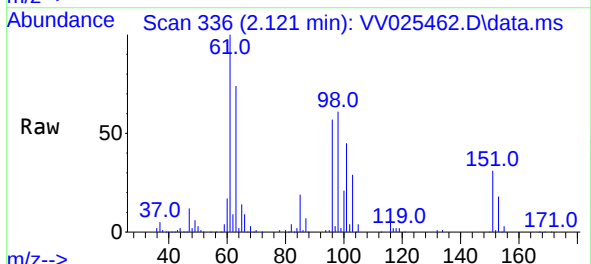
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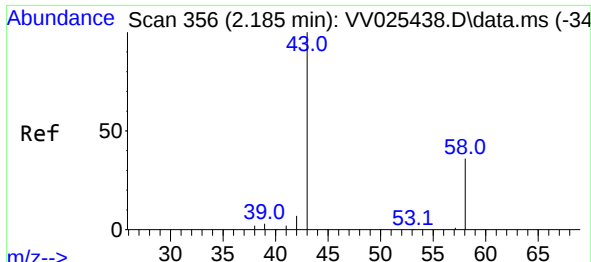
Tgt Ion:101 Resp: 49337
Ion Ratio Lower Upper
101 100
85 44.2 35.9 53.9
151 68.3 56.0 84.0



#12
1,1-Dichloroethene
Concen: 5.809 ug/L
RT: 2.121 min Scan# 336
Delta R.T. -0.000 min
Lab File: VV025462.D
Acq: 11 Apr 2022 19:53

Tgt Ion: 96 Resp: 53341
Ion Ratio Lower Upper
96 100
61 176.7 125.2 232.4
63 130.1 114.4 212.4

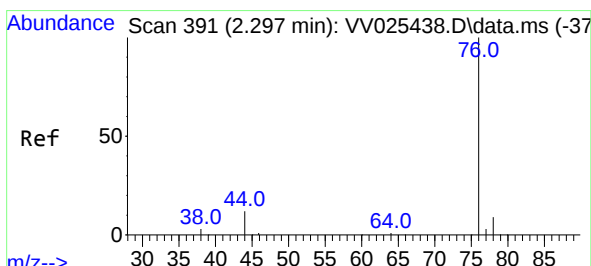
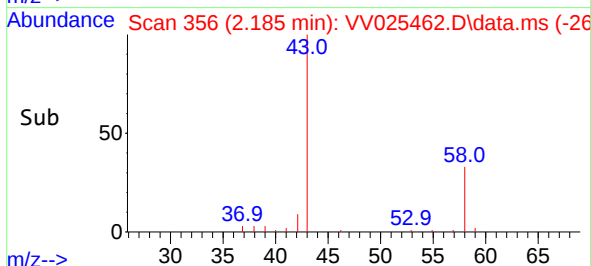
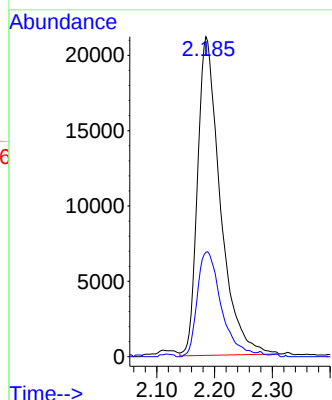
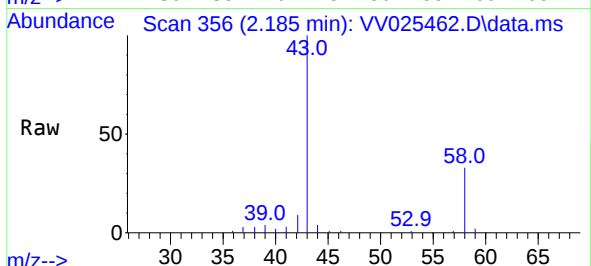




#13
Acetone
Concen: 71.039 ug/L
RT: 2.185 min Scan# 356
Delta R.T. 0.000 min
Lab File: VV025462.D
Acq: 11 Apr 2022 19:53

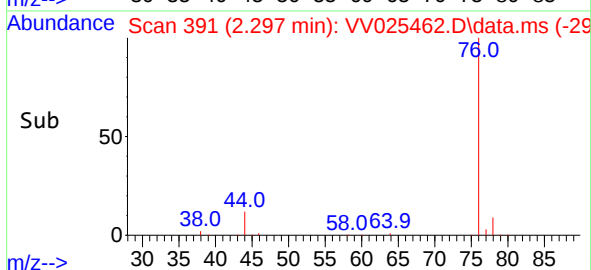
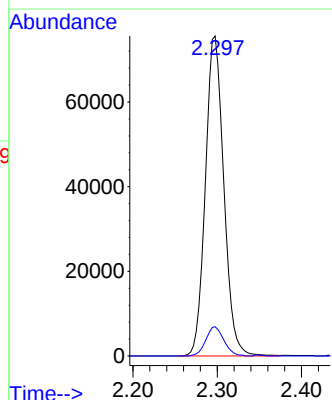
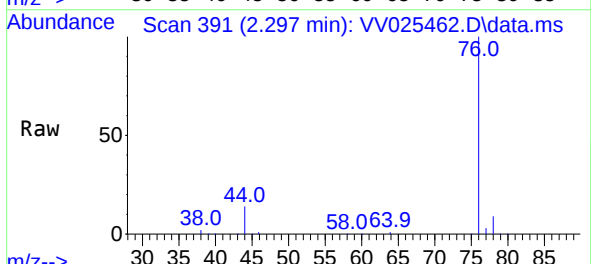
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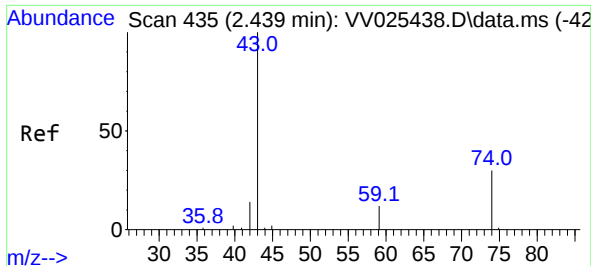
Tgt Ion: 43 Resp: 57724
Ion Ratio Lower Upper
43 100
58 34.8 0.0 72.2



#14
Carbon disulfide
Concen: 5.241 ug/L
RT: 2.297 min Scan# 391
Delta R.T. 0.000 min
Lab File: VV025462.D
Acq: 11 Apr 2022 19:53

Tgt Ion: 76 Resp: 115190
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

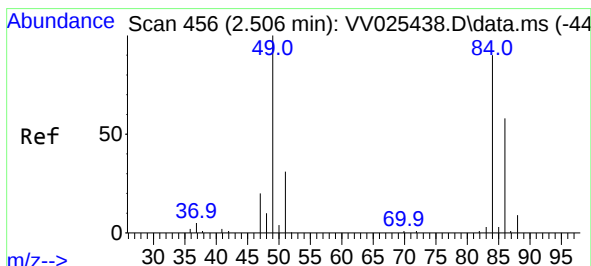
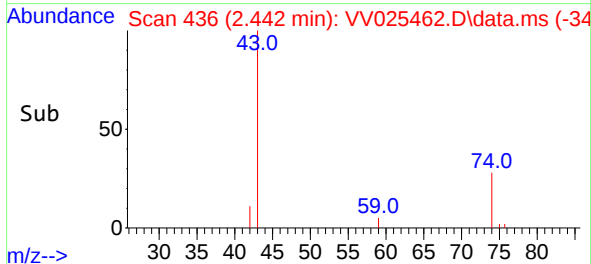
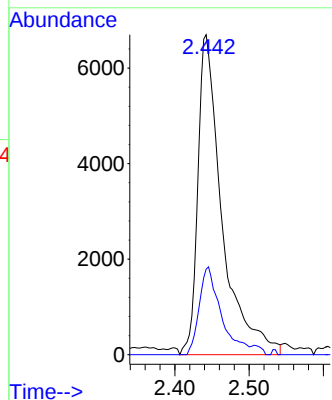
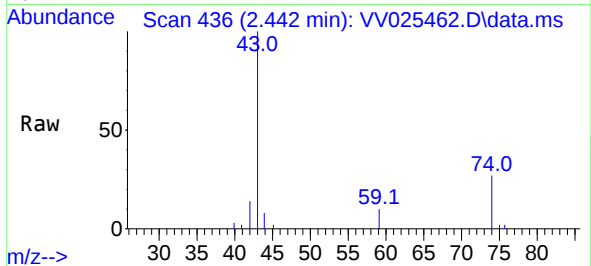




#15
Methyl Acetate
Concen: 8.389 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV025462.D
Acq: 11 Apr 2022 19:53

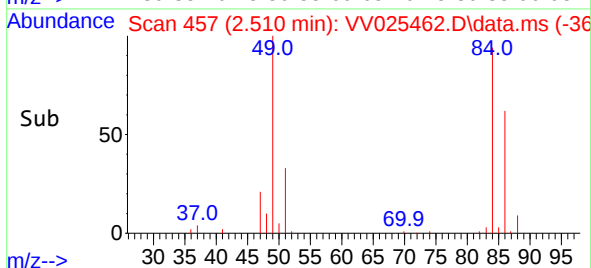
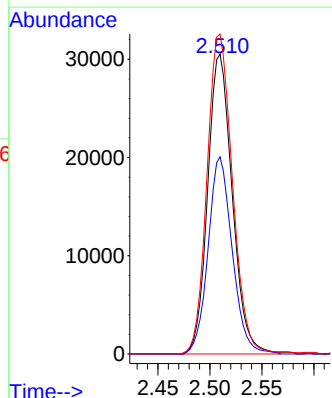
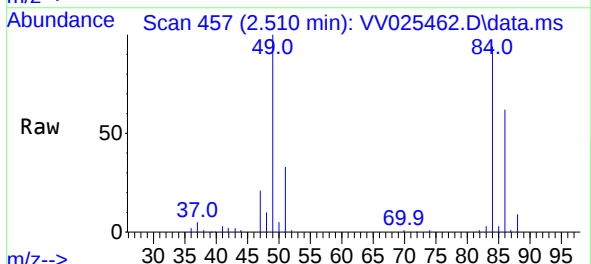
Instrument :
MSVOA_V
ClientSampleId :

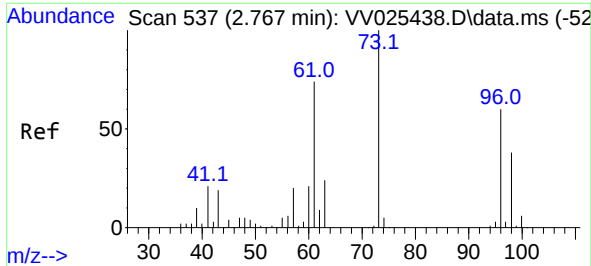
Tgt Ion: 43 Resp: 15150
Ion Ratio Lower Upper
43 100
74 24.8 25.2 37.8#



#16
Methylene chloride
Concen: 5.644 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV025462.D
Acq: 11 Apr 2022 19:53

Tgt Ion: 84 Resp: 50239
Ion Ratio Lower Upper
84 100
86 65.7 45.9 85.3
49 106.7 76.6 142.3





#17

Methyl tert-butyl Ether

Concen: 6.784 ug/L

RT: 2.770 min Scan# 51

Delta R.T. 0.003 min

Lab File: VV025462.D

Acq: 11 Apr 2022 19:53

Instrument :

MSVOA_V

ClientSampleId :

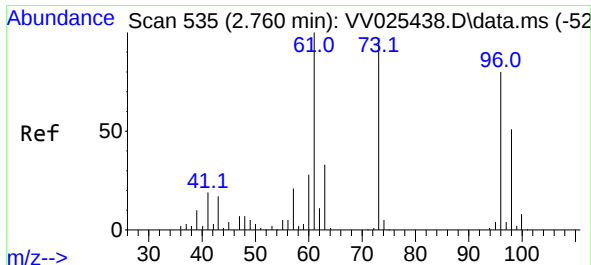
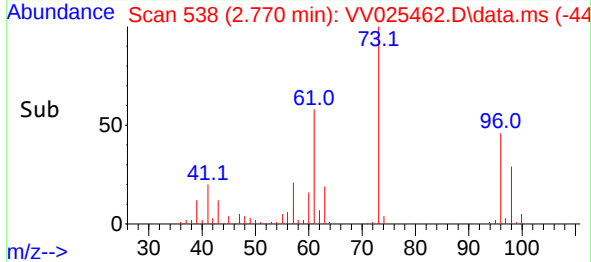
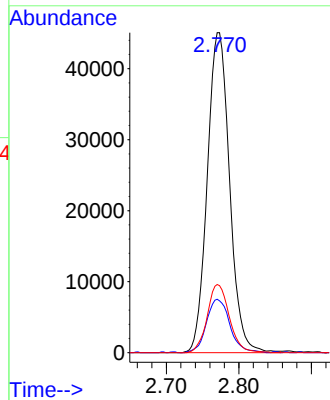
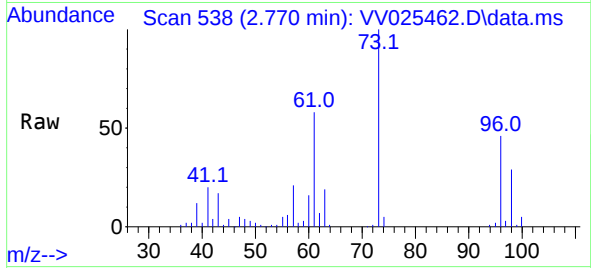
Tgt Ion: 73 Resp: 96386

Ion Ratio Lower Upper

73 100

43 17.6 14.2 21.4

57 21.1 16.1 24.1



#18

trans-1,2-Dichloroethene

Concen: 5.789 ug/L

RT: 2.764 min Scan# 536

Delta R.T. 0.003 min

Lab File: VV025462.D

Acq: 11 Apr 2022 19:53

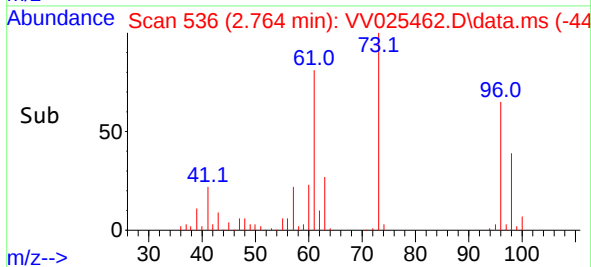
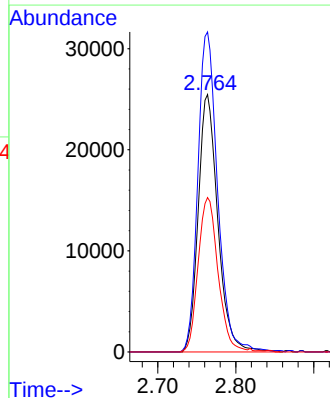
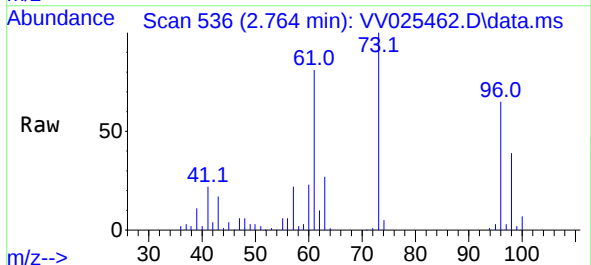
Tgt Ion: 96 Resp: 44538

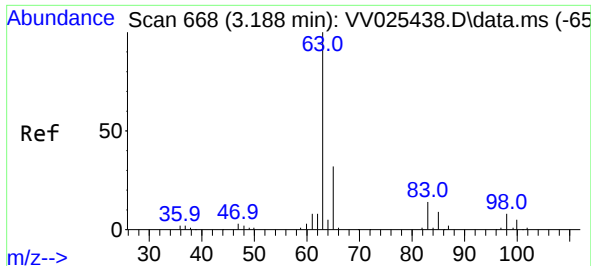
Ion Ratio Lower Upper

96 100

61 124.3 92.1 171.1

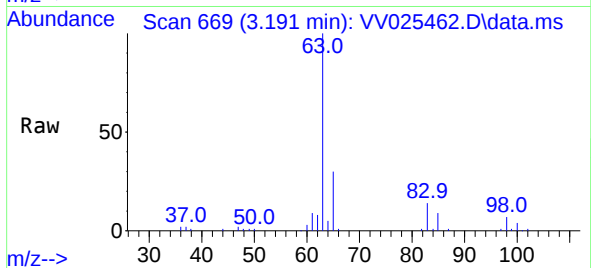
98 60.0 47.5 88.1



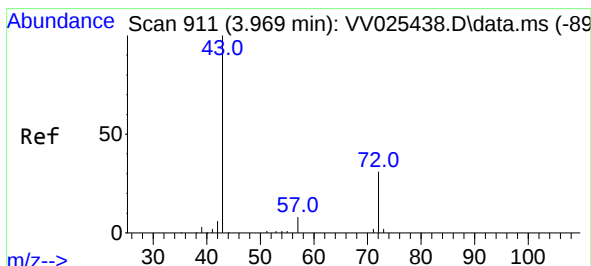
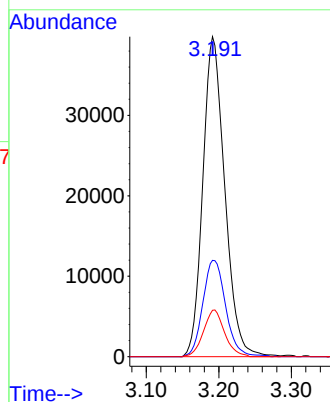
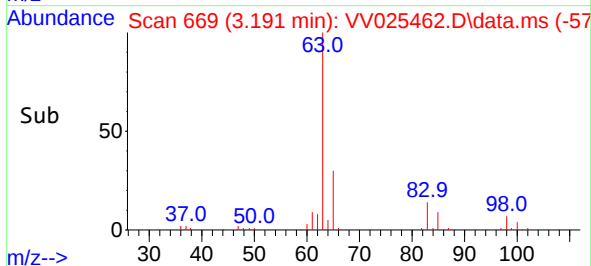


#19
1,1-Dichloroethane
Concen: 6.418 ug/L
RT: 3.191 min Scan# 60
Delta R.T. 0.003 min
Lab File: VV025462.D
Acq: 11 Apr 2022 19:53

Instrument :
MSVOA_V
ClientSampleId :

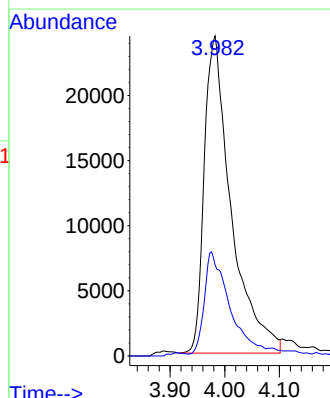
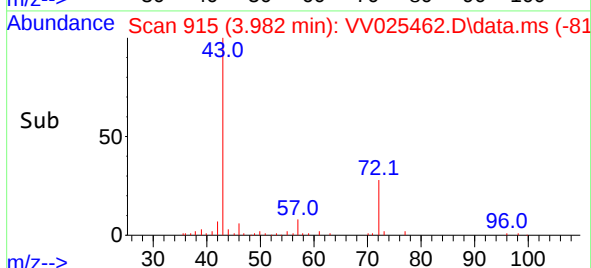
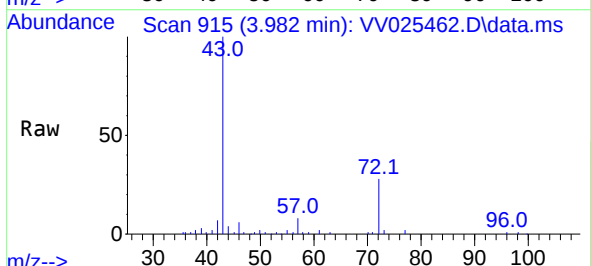


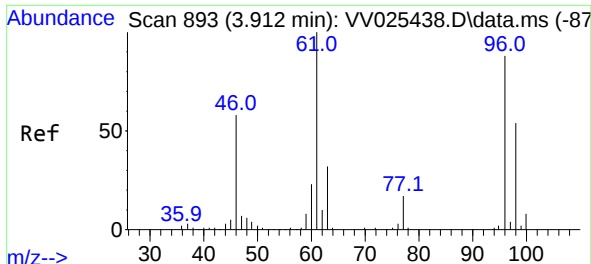
Tgt Ion: 63 Resp: 83632
Ion Ratio Lower Upper
63 100
65 30.1 23.2 43.0
83 14.5 9.0 16.8



#21
2-Butanone
Concen: 74.054 ug/L
RT: 3.982 min Scan# 915
Delta R.T. 0.013 min
Lab File: VV025462.D
Acq: 11 Apr 2022 19:53

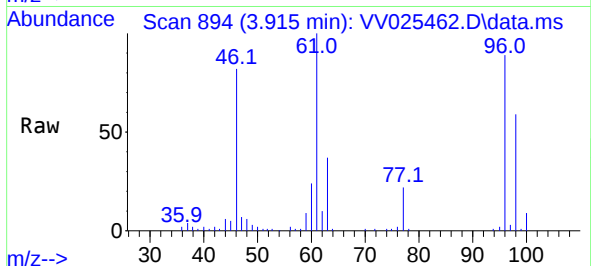
Tgt Ion: 43 Resp: 83148
Ion Ratio Lower Upper
43 100
72 29.7 15.2 45.6



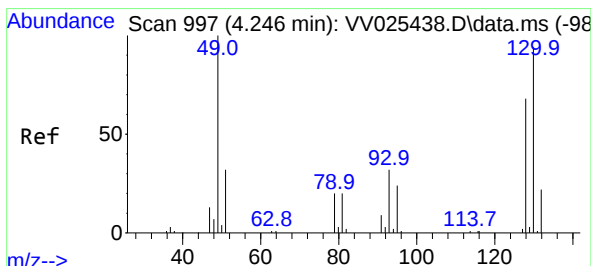
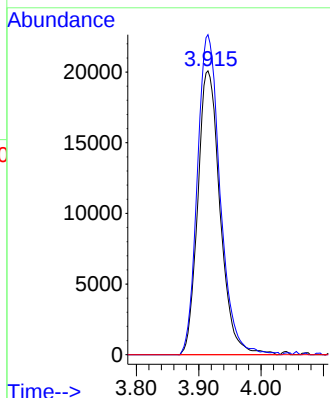
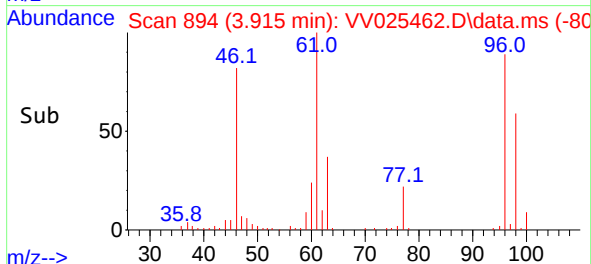


#22
 cis-1,2-Dichloroethene
 Concen: 6.167 ug/L
 RT: 3.915 min Scan# 893
 Delta R.T. 0.003 min
 Lab File: VV025462.D
 Acq: 11 Apr 2022 19:53

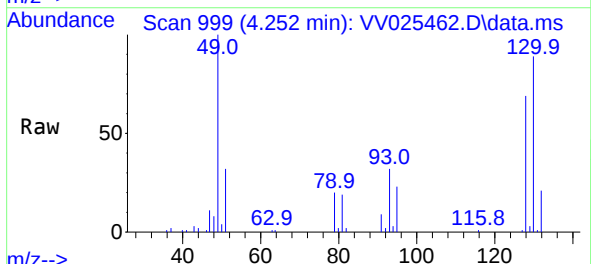
Instrument :
 MSVOA_V
 ClientSampleId :



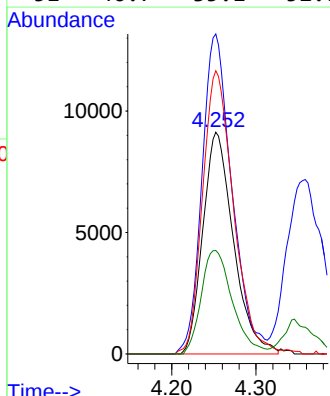
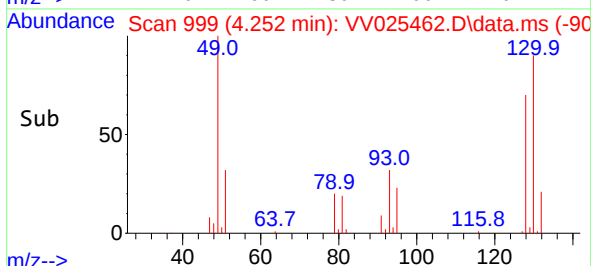
Tgt Ion: 96 Resp: 49954
 Ion Ratio Lower Upper
 96 100
 61 112.7 80.0 148.6
 68 0.0 0.0 0.0

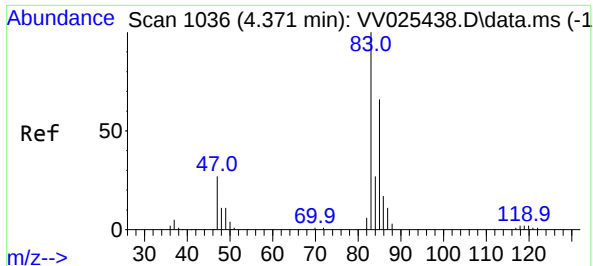


#23
 Bromochloromethane
 Concen: 6.851 ug/L
 RT: 4.252 min Scan# 999
 Delta R.T. 0.006 min
 Lab File: VV025462.D
 Acq: 11 Apr 2022 19:53



Tgt Ion: 128 Resp: 23040
 Ion Ratio Lower Upper
 128 100
 49 144.3 100.5 186.7
 130 127.7 87.8 163.0
 51 46.7 35.1 52.7





#25

Chloroform

Concen: 6.521 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VV025462.D

Acq: 11 Apr 2022 19:53

Instrument :

MSVOA_V

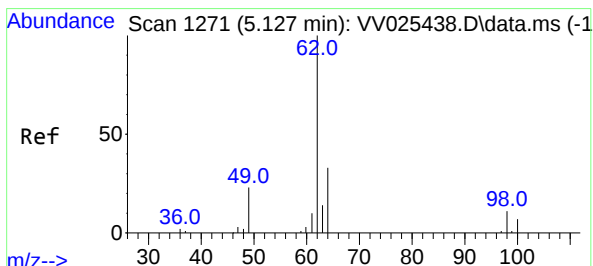
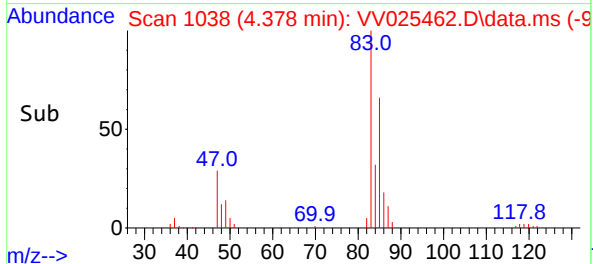
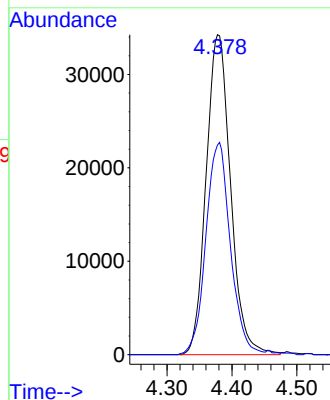
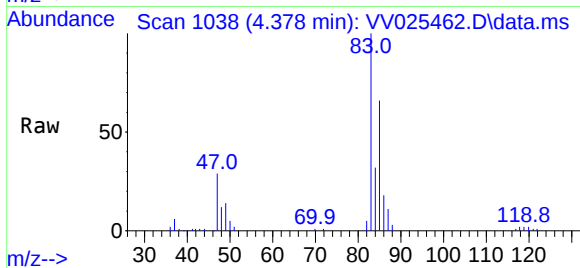
ClientSampleId :

Tgt Ion: 83 Resp: 89695

Ion Ratio Lower Upper

83 100

85 65.5 43.5 80.7



#27

1,2-Dichloroethane

Concen: 6.946 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VV025462.D

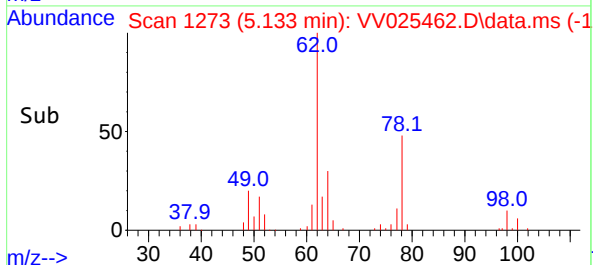
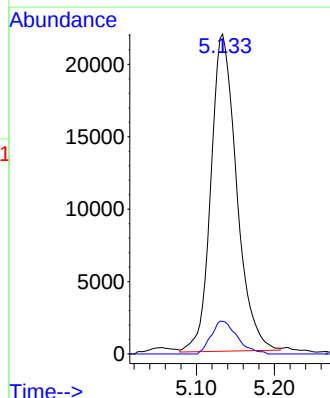
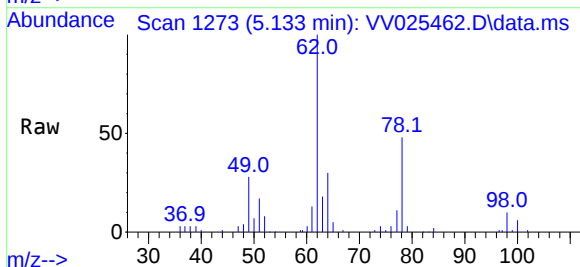
Acq: 11 Apr 2022 19:53

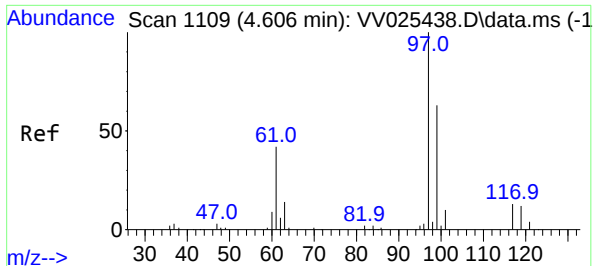
Tgt Ion: 62 Resp: 50410

Ion Ratio Lower Upper

62 100

98 10.2 8.8 13.2





#29

1,1,1-Trichloroethane

Concen: 5.571 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.003 min

Lab File: VV025462.D

Acq: 11 Apr 2022 19:53

Instrument :

MSVOA_V

ClientSampleId :

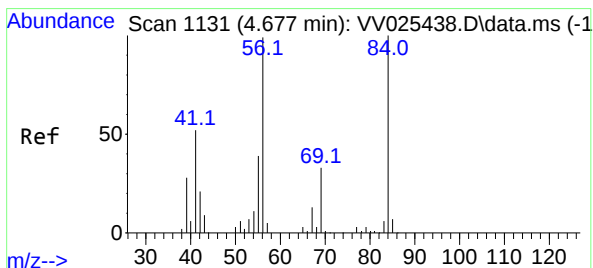
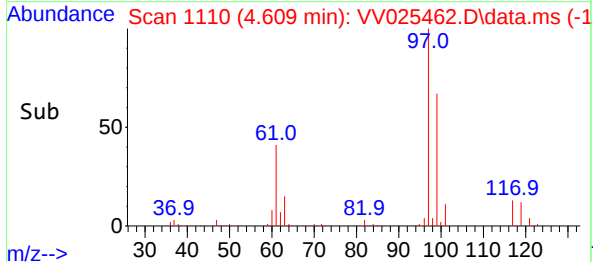
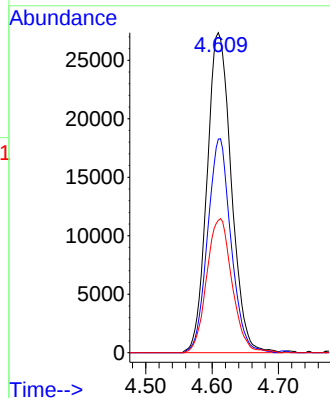
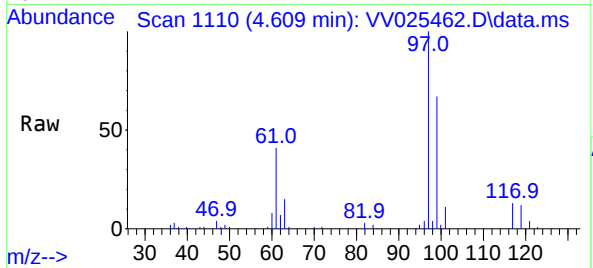
Tgt Ion: 97 Resp: 69647

Ion Ratio Lower Upper

97 100

99 64.5 51.5 77.3

61 43.7 34.3 51.5



#30

Cyclohexane

Concen: 4.504 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.003 min

Lab File: VV025462.D

Acq: 11 Apr 2022 19:53

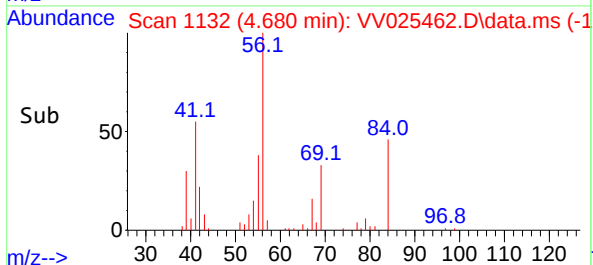
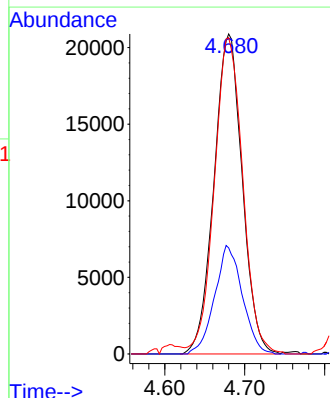
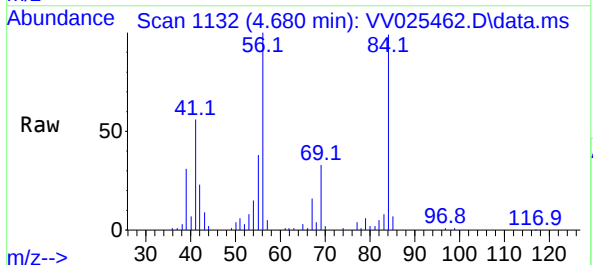
Tgt Ion: 56 Resp: 51198

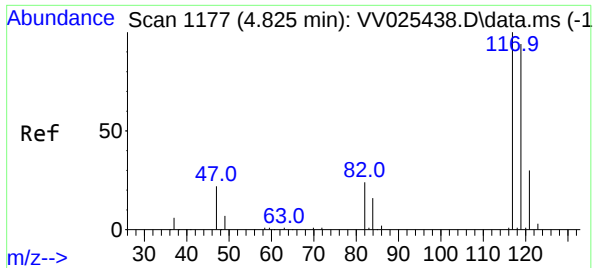
Ion Ratio Lower Upper

56 100

69 33.3 26.1 39.1

84 99.6 78.6 118.0

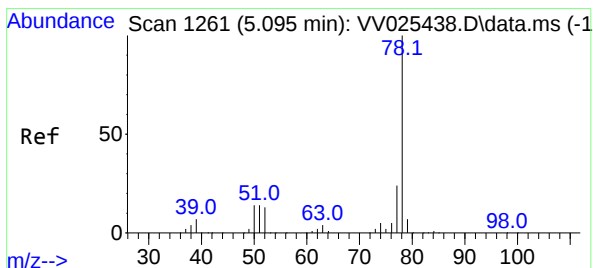
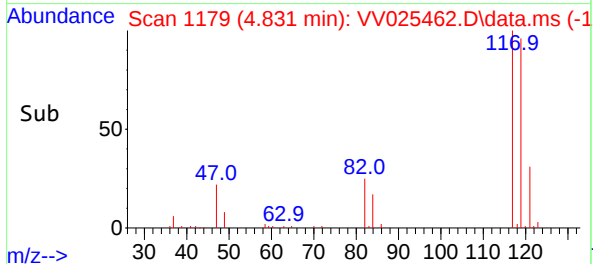
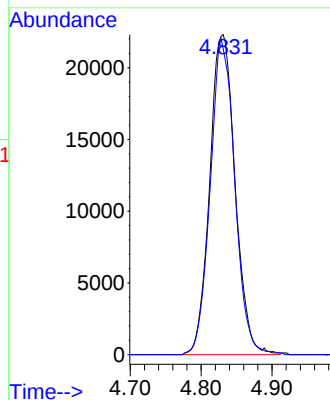
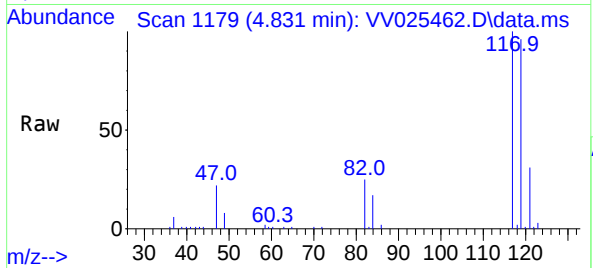




#31
Carbon tetrachloride
Concen: 5.253 ug/L
RT: 4.831 min Scan# 1177
Delta R.T. 0.006 min
Lab File: VV025462.D
Acq: 11 Apr 2022 19:53

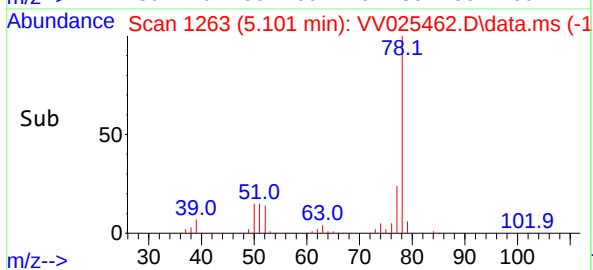
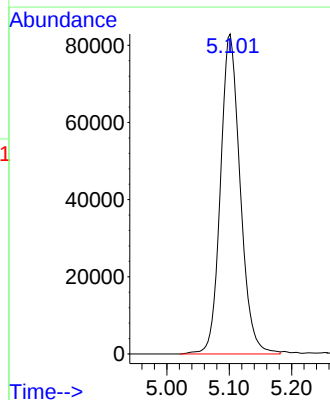
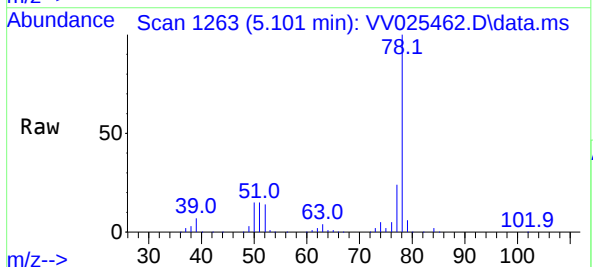
Instrument :
MSVOA_V
ClientSampleId :

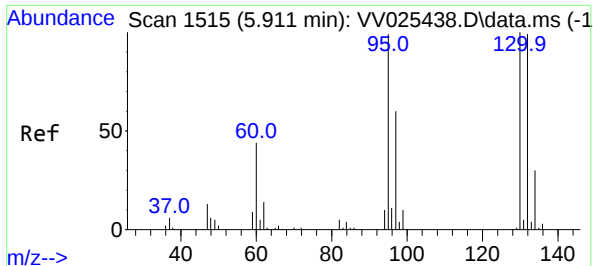
Tgt Ion:117 Resp: 55550
Ion Ratio Lower Upper
117 100
119 95.2 76.6 114.8



#33
Benzene
Concen: 5.826 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV025462.D
Acq: 11 Apr 2022 19:53

Tgt Ion: 78 Resp: 182433

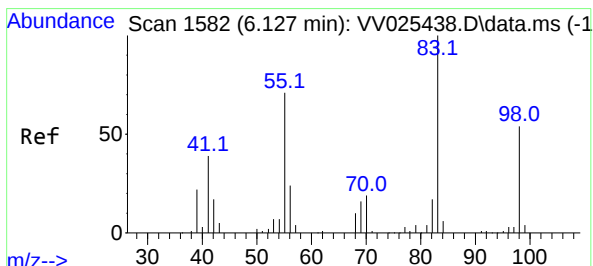
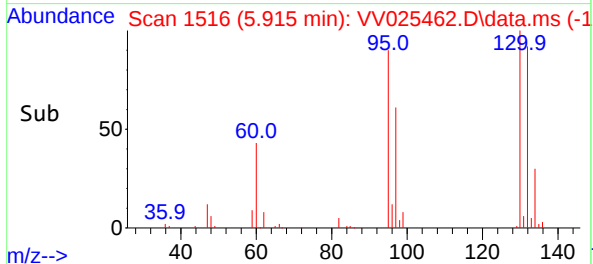
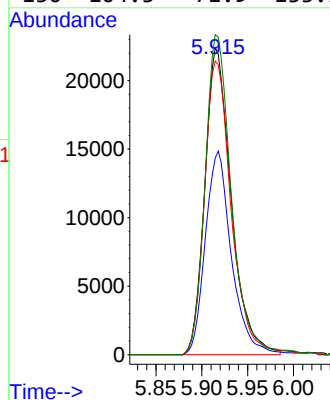
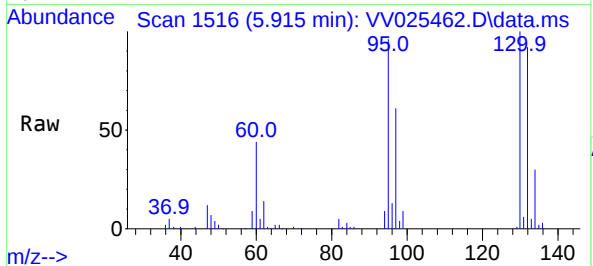




#34
Trichloroethene
Concen: 5.391 ug/L
RT: 5.915 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV025462.D
Acq: 11 Apr 2022 19:53

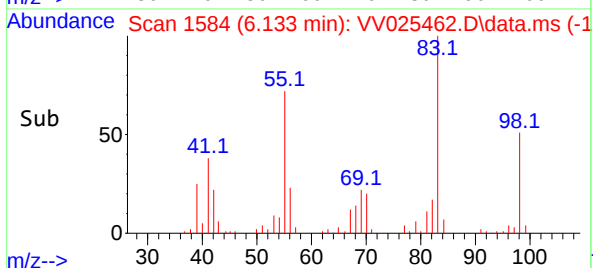
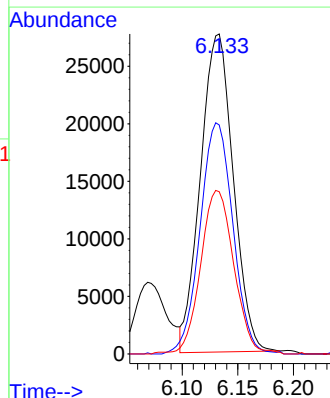
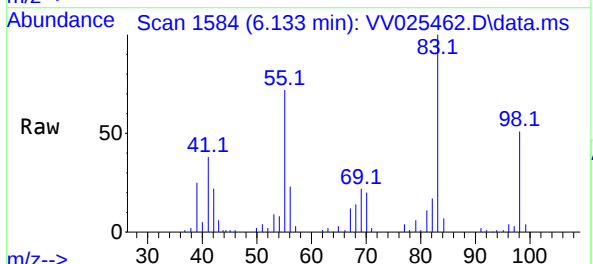
Instrument :
MSVOA_V
ClientSampleId :

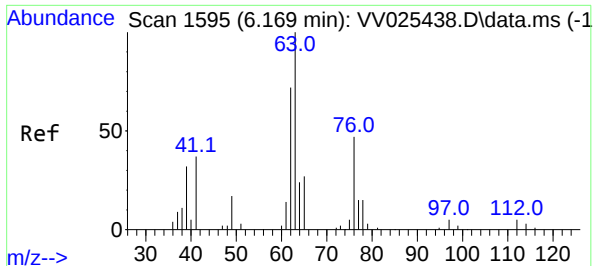
Tgt Ion: 95 Resp: 44825
Ion Ratio Lower Upper
95 100
97 64.0 45.8 85.2
132 95.6 68.0 126.4
130 104.3 71.9 133.5



#35
Methylcyclohexane
Concen: 4.272 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.006 min
Lab File: VV025462.D
Acq: 11 Apr 2022 19:53

Tgt Ion: 83 Resp: 56672
Ion Ratio Lower Upper
83 100
55 73.0 53.7 80.5
98 52.2 39.6 59.4





#37

1,2-Dichloropropane

Concen: 6.137 ug/L

RT: 6.175 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV025462.D

Acq: 11 Apr 2022 19:53

Instrument :

MSVOA_V

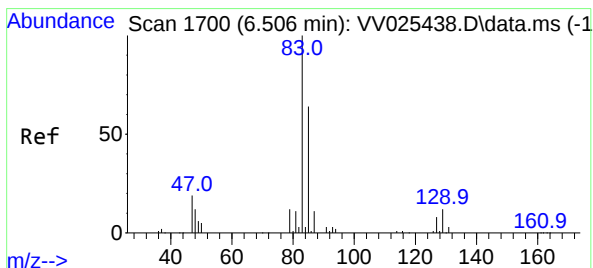
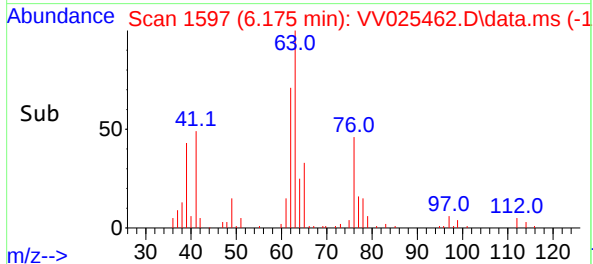
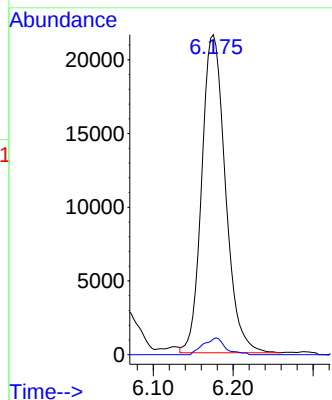
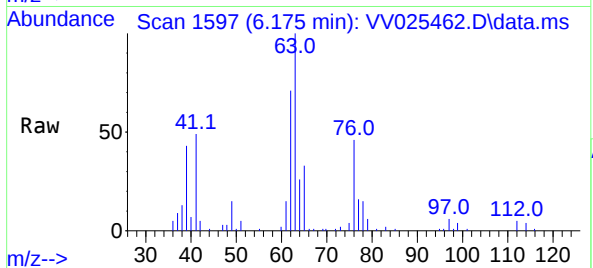
ClientSampleId :

Tgt Ion: 63 Resp: 44461

Ion Ratio Lower Upper

63 100

112 4.9 3.8 5.8



#38

Bromodichloromethane

Concen: 6.307 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV025462.D

Acq: 11 Apr 2022 19:53

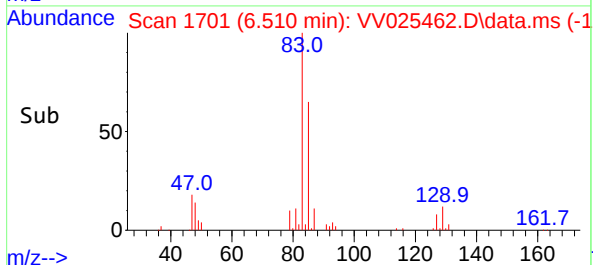
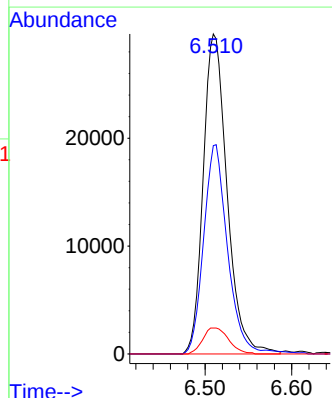
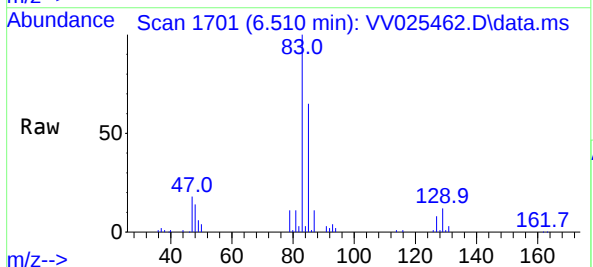
Tgt Ion: 83 Resp: 56725

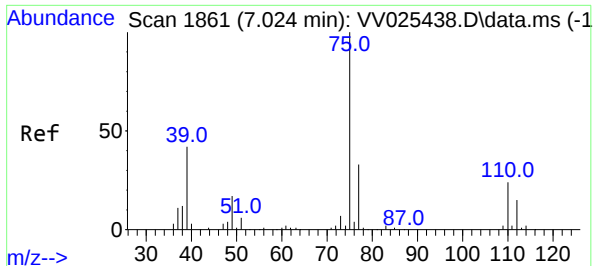
Ion Ratio Lower Upper

83 100

85 65.1 44.4 82.4

127 8.1 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.654 ug/L

RT: 7.027 min Scan# 1861

Delta R.T. 0.003 min

Lab File: VV025462.D

Acq: 11 Apr 2022 19:53

Instrument :

MSVOA_V

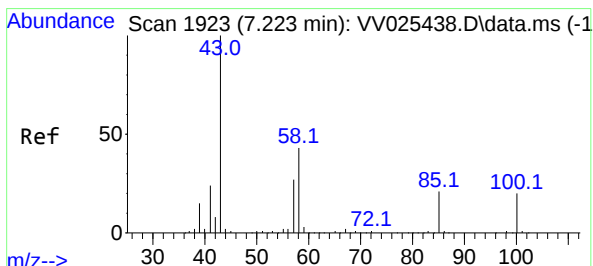
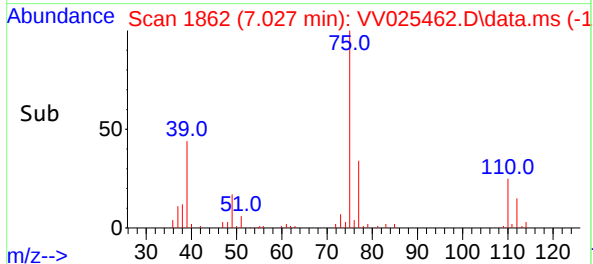
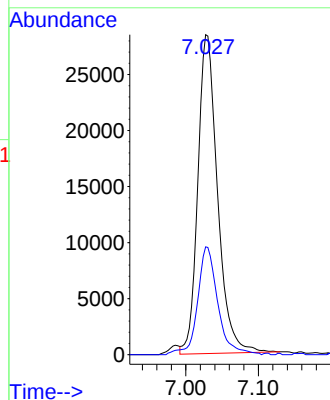
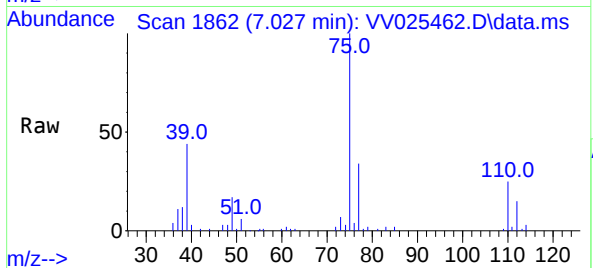
ClientSampleId :

Tgt Ion: 75 Resp: 53679

Ion Ratio Lower Upper

75 100

77 33.7 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 73.720 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV025462.D

Acq: 11 Apr 2022 19:53

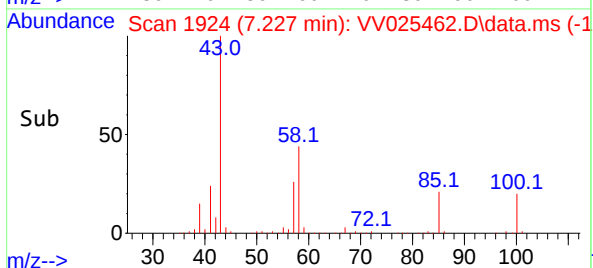
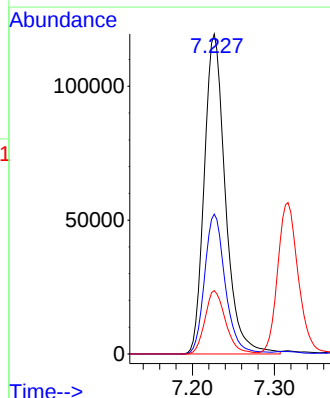
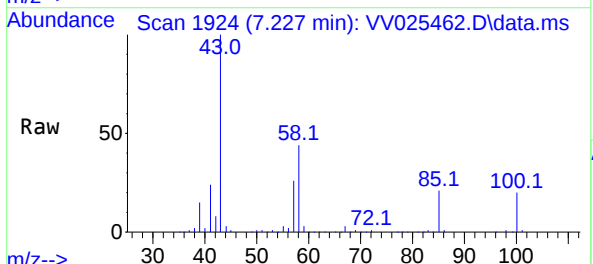
Tgt Ion: 43 Resp: 213837

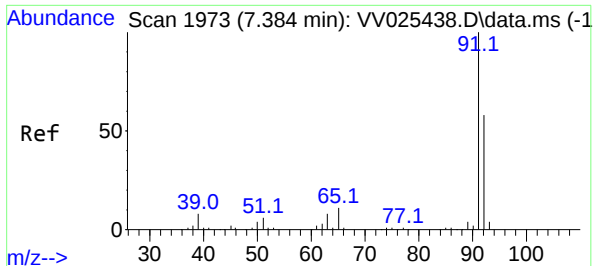
Ion Ratio Lower Upper

43 100

58 42.9 35.1 52.7

100 19.3 15.3 22.9





#42

Toluene

Concen: 5.492 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV025462.D

Acq: 11 Apr 2022 19:53

Instrument :

MSVOA_V

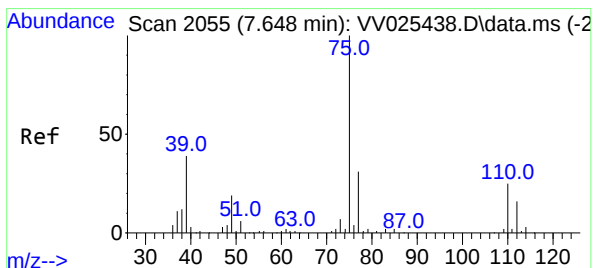
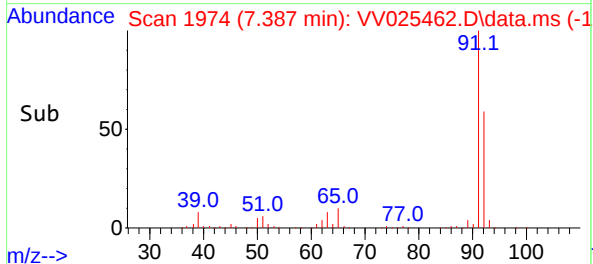
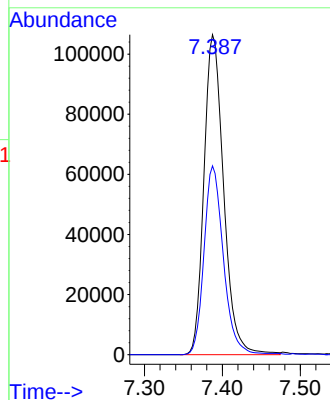
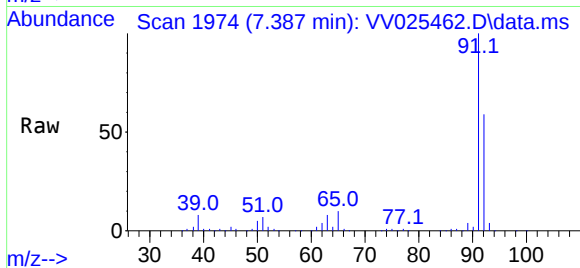
ClientSampleId :

Tgt Ion: 91 Resp: 187064

Ion Ratio Lower Upper

91 100

92 59.0 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 5.950 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VV025462.D

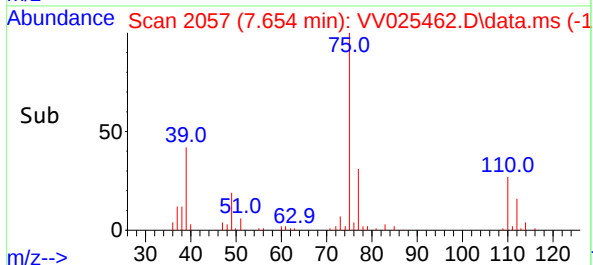
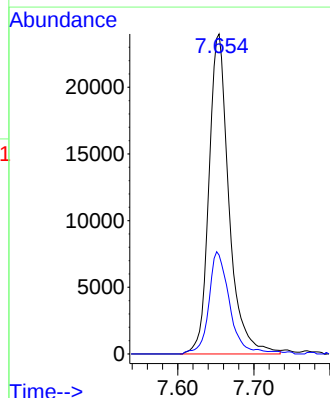
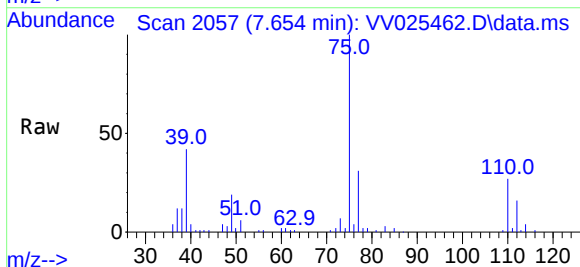
Acq: 11 Apr 2022 19:53

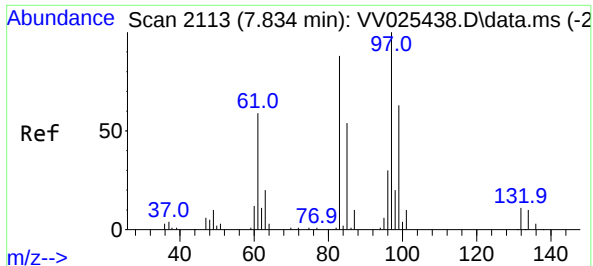
Tgt Ion: 75 Resp: 43885

Ion Ratio Lower Upper

75 100

77 30.9 21.7 40.3





#45

1,1,2-Trichloroethane

Concen: 6.799 ug/L

RT: 7.841 min Scan# 2113

Delta R.T. 0.006 min

Lab File: VV025462.D

Acq: 11 Apr 2022 19:53

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 32985

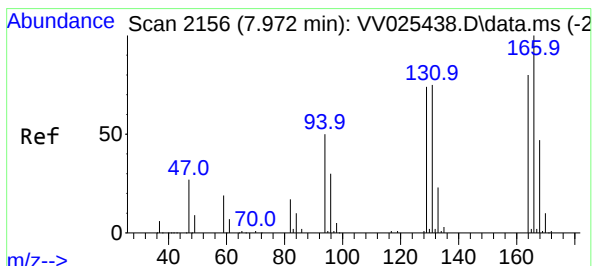
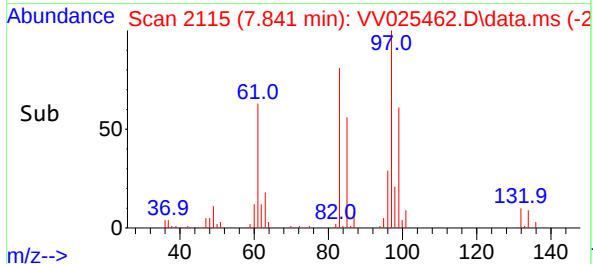
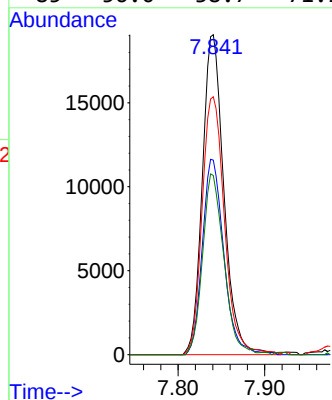
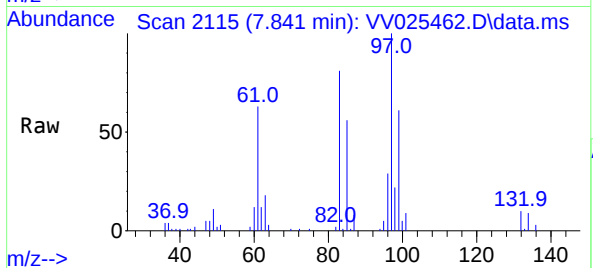
Ion Ratio Lower Upper

97 100

99 60.8 43.8 81.4

83 80.6 60.3 112.1

85 56.0 38.7 71.9



#47

Tetrachloroethene

Concen: 5.079 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV025462.D

Acq: 11 Apr 2022 19:53

Tgt Ion: 164 Resp: 33061

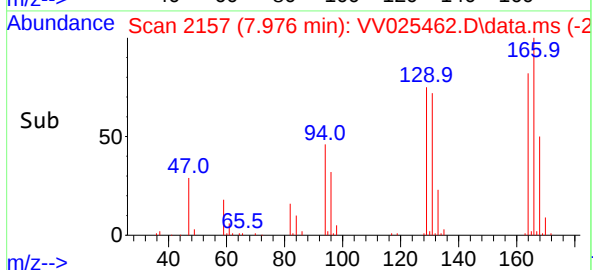
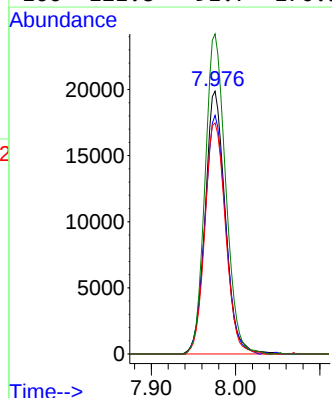
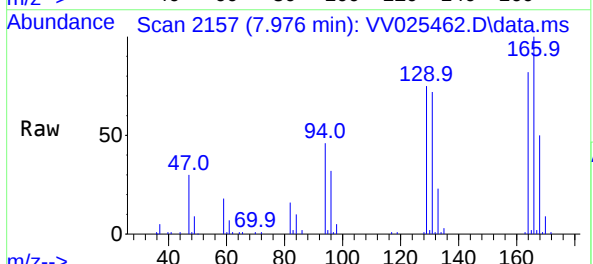
Ion Ratio Lower Upper

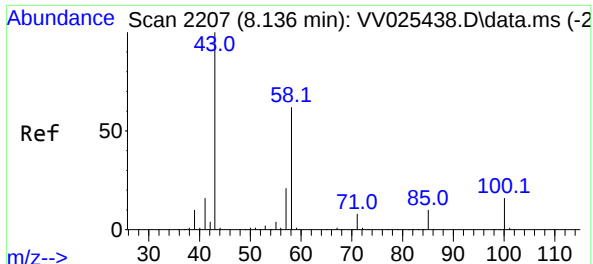
164 100

129 90.8 66.8 124.2

131 88.0 66.4 123.4

166 121.8 91.7 170.3

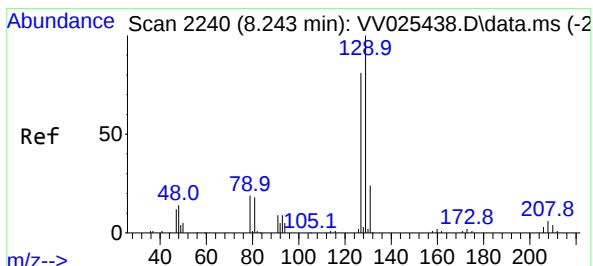
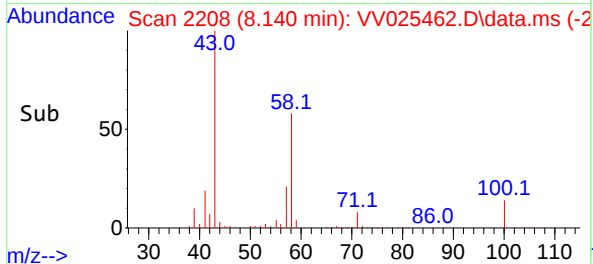
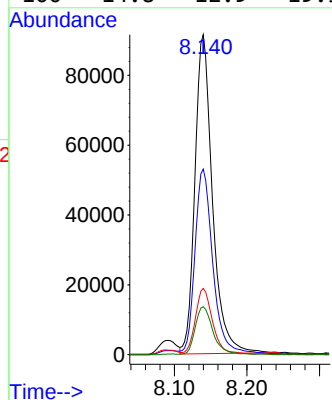
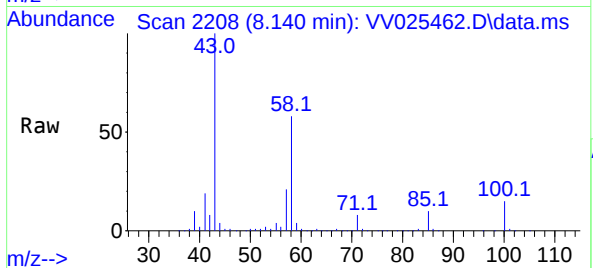




#48
2-Hexanone
Concen: 76.096 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025462.D
Acq: 11 Apr 2022 19:53

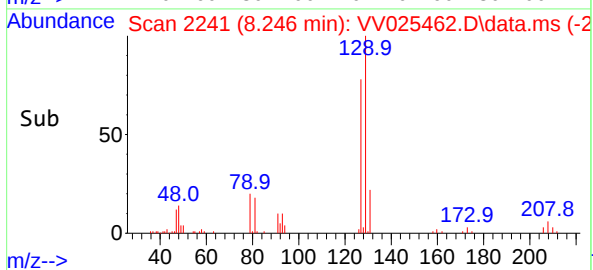
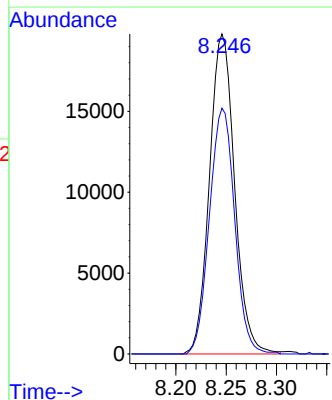
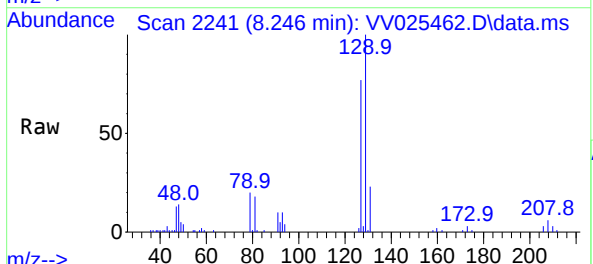
Instrument :
MSVOA_V
ClientSampleId :

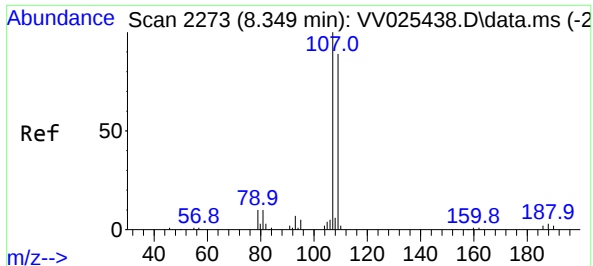
Tgt Ion: 43 Resp: 153827
Ion Ratio Lower Upper
43 100
58 59.1 49.7 74.5
57 20.1 16.4 24.6
100 14.8 12.9 19.3



#49
Dibromochloromethane
Concen: 6.457 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV025462.D
Acq: 11 Apr 2022 19:53

Tgt Ion: 129 Resp: 34390
Ion Ratio Lower Upper
129 100
127 76.8 53.8 100.0





#50

1,2-Dibromoethane

Concen: 6.284 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV025462.D

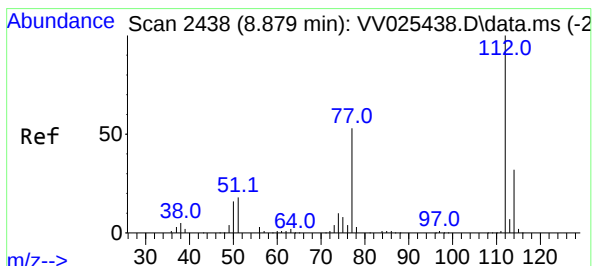
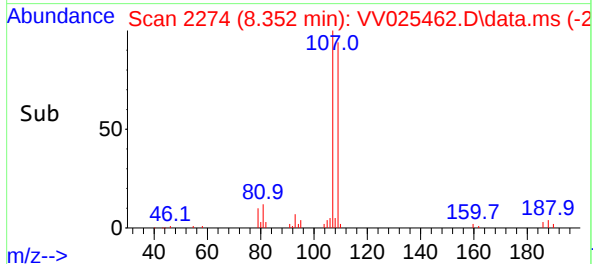
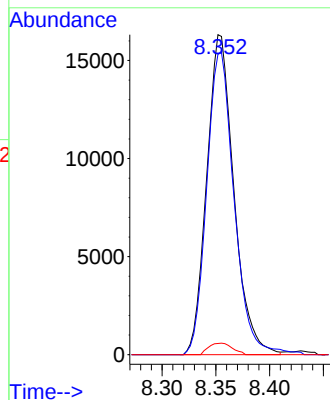
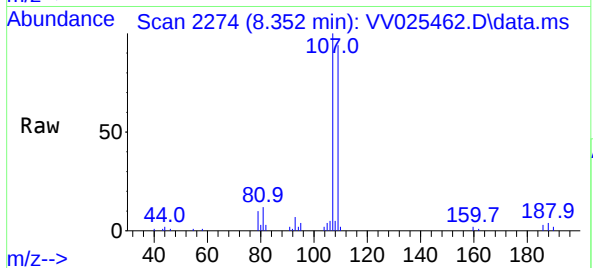
Acq: 11 Apr 2022 19:53

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	28636
Ion	Ratio	Lower	Upper
107	100		
109	93.9	65.9	122.3
188	3.5	2.7	4.1



#51

Chlorobenzene

Concen: 5.285 ug/L

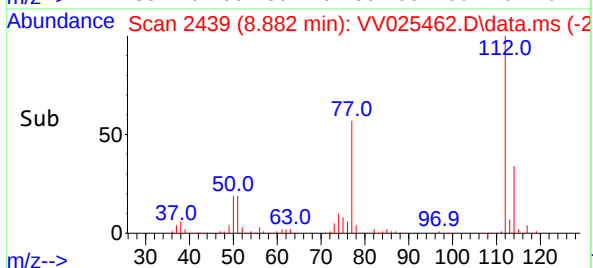
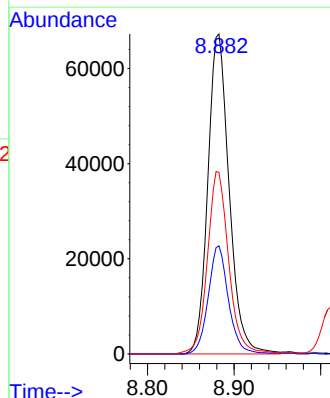
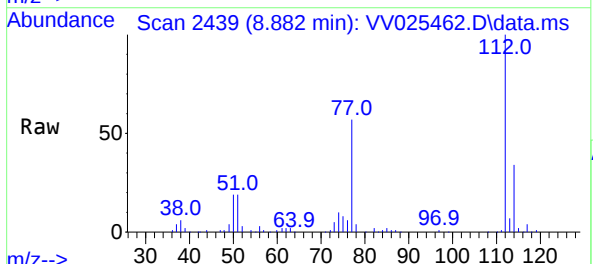
RT: 8.882 min Scan# 2439

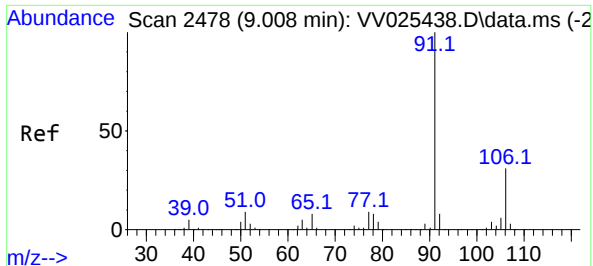
Delta R.T. 0.003 min

Lab File: VV025462.D

Acq: 11 Apr 2022 19:53

Tgt Ion:	112	Resp:	114948
Ion	Ratio	Lower	Upper
112	100		
114	33.8	22.4	41.6
77	56.7	43.7	65.5

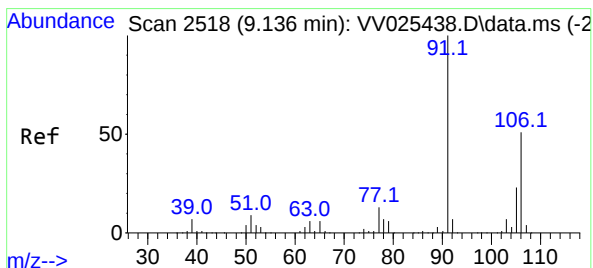
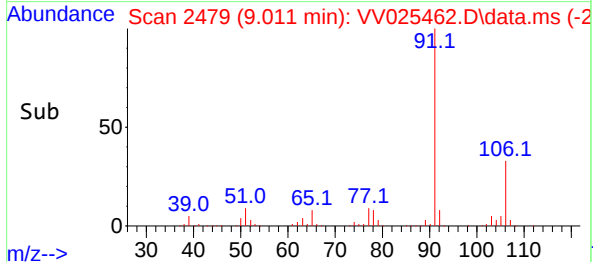
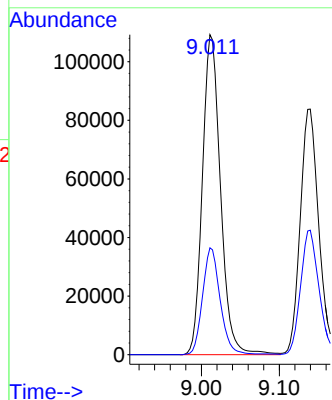
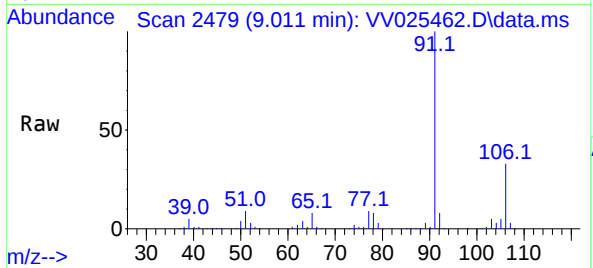




#52
Ethylbenzene
Concen: 4.856 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV025462.D
Acq: 11 Apr 2022 19:53

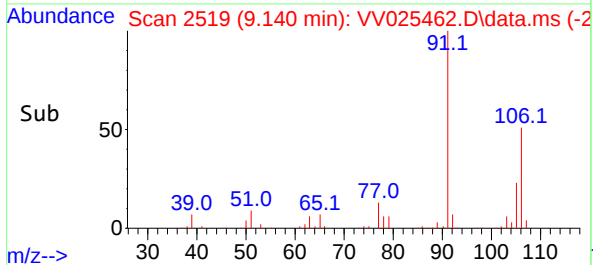
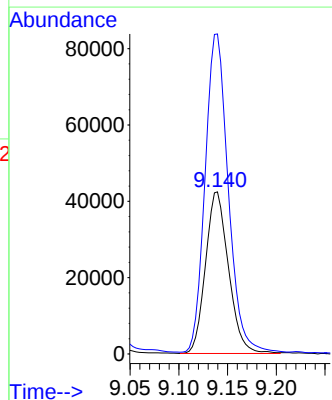
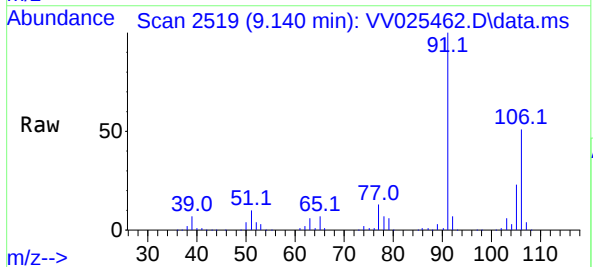
Instrument :
MSVOA_V
ClientSampleId :

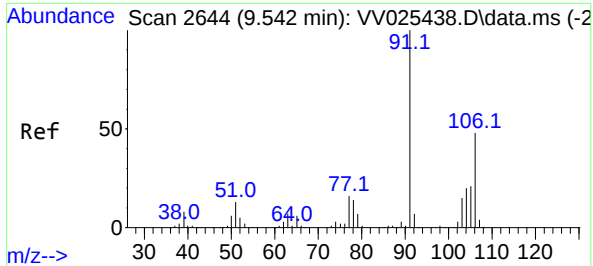
Tgt Ion: 91 Resp: 176413
Ion Ratio Lower Upper
91 100
106 33.4 22.3 41.3



#53
m,p-Xylene
Concen: 5.037 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV025462.D
Acq: 11 Apr 2022 19:53

Tgt Ion: 106 Resp: 69582
Ion Ratio Lower Upper
106 100
91 197.4 136.4 253.4

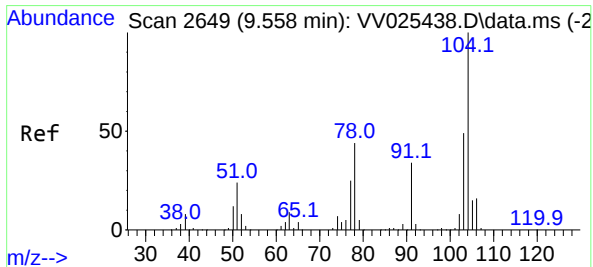
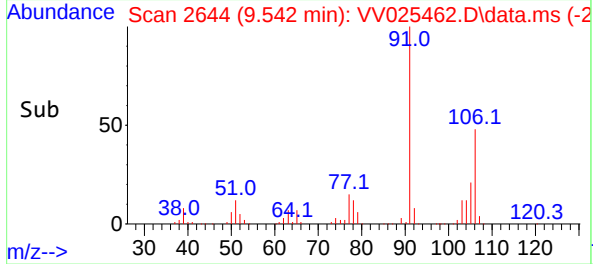
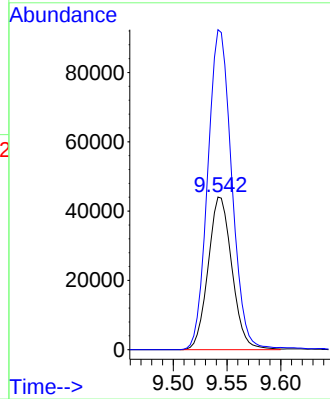
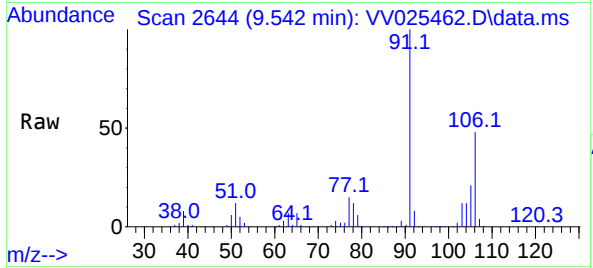




#54
o-Xylene
Concen: 5.065 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV025462.D
Acq: 11 Apr 2022 19:53

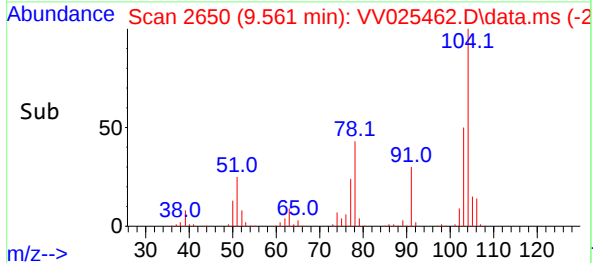
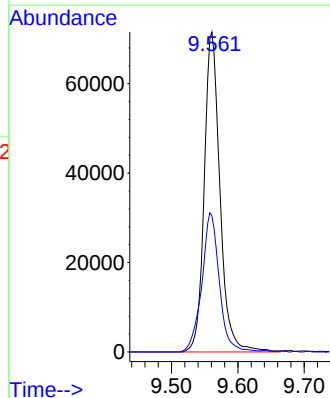
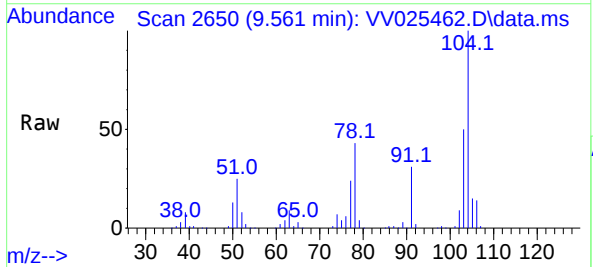
Instrument :
MSVOA_V
ClientSampleId :

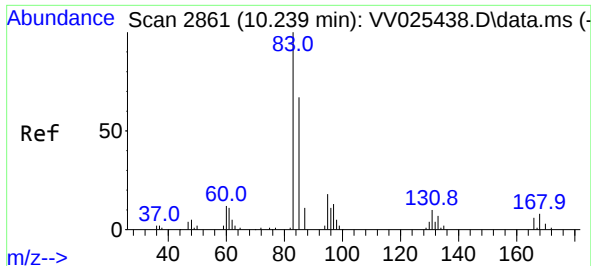
Tgt Ion:106 Resp: 67947
Ion Ratio Lower Upper
106 100
91 209.7 150.4 279.2



#55
Styrene
Concen: 5.415 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV025462.D
Acq: 11 Apr 2022 19:53

Tgt Ion:104 Resp: 118141
Ion Ratio Lower Upper
104 100
78 42.5 28.3 52.7

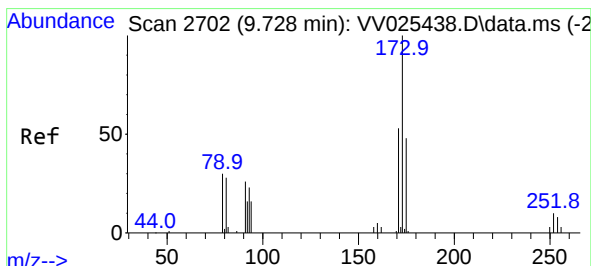
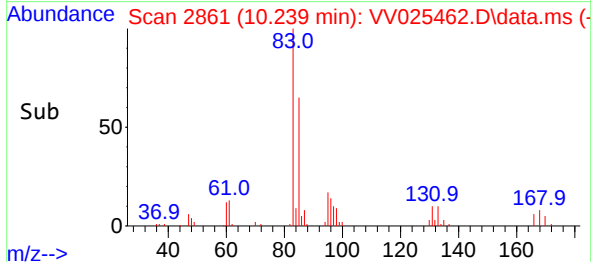
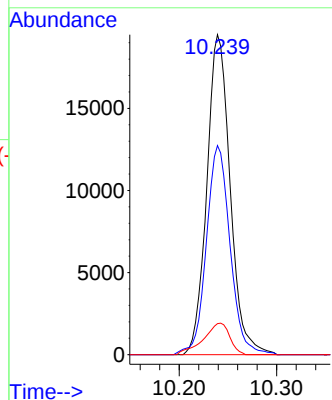
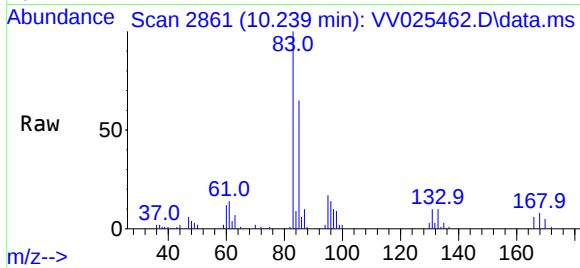




#57
1,1,2,2-Tetrachloroethane
Concen: 6.702 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV025462.D
Acq: 11 Apr 2022 19:53

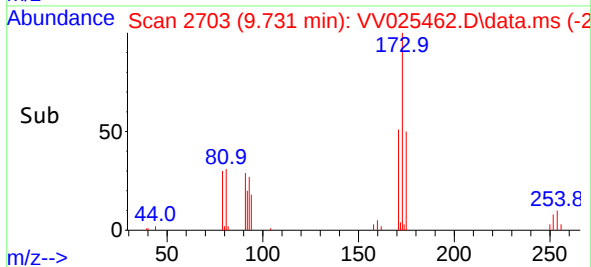
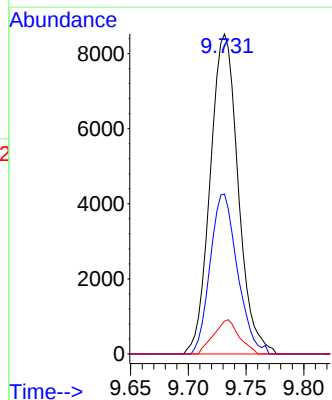
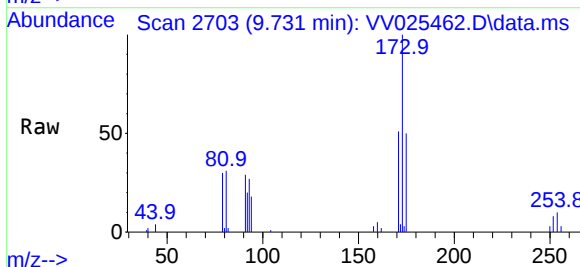
Instrument :
MSVOA_V
ClientSampleId :

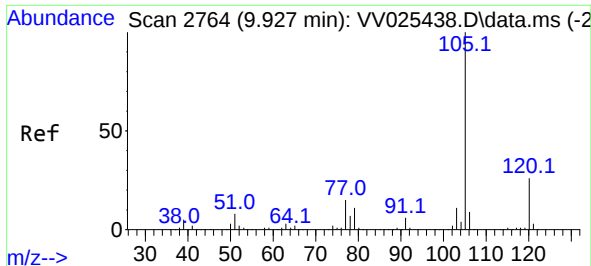
Tgt Ion:	83	Resp:	32486
Ion	Ratio	Lower	Upper
83	100		
85	65.3	45.1	83.9
131	9.7	7.9	11.9



#59
Bromoform
Concen: 6.218 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.003 min
Lab File: VV025462.D
Acq: 11 Apr 2022 19:53

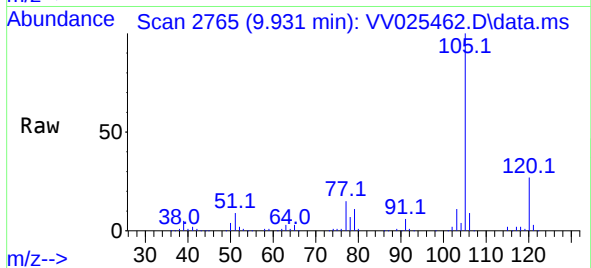
Tgt Ion:	173	Resp:	14355
Ion	Ratio	Lower	Upper
173	100		
175	48.7	40.8	61.2
254	9.7	7.0	10.6



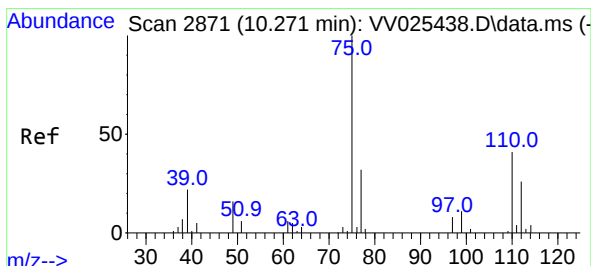
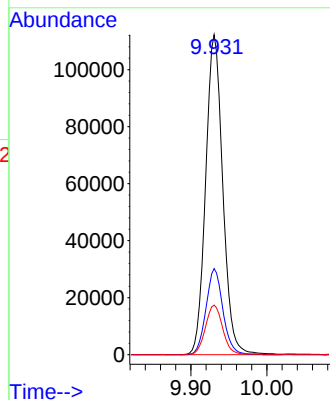
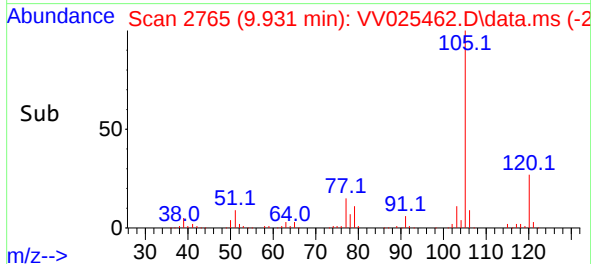


#60
Isopropylbenzene
Concen: 5.076 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025462.D
Acq: 11 Apr 2022 19:53

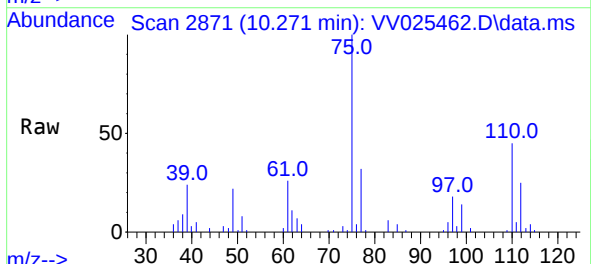
Instrument :
MSVOA_V
ClientSampleId :



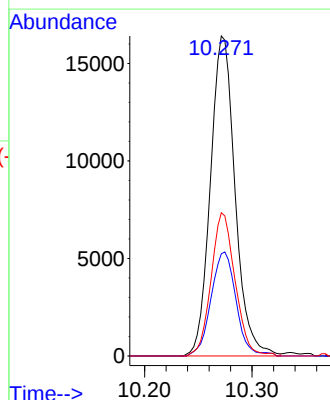
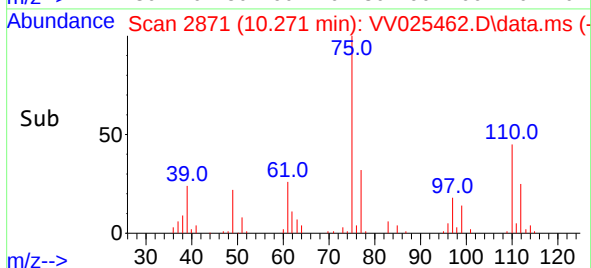
Tgt Ion:105 Resp: 175710
Ion Ratio Lower Upper
105 100
120 26.5 21.2 31.8
77 15.7 12.2 18.2

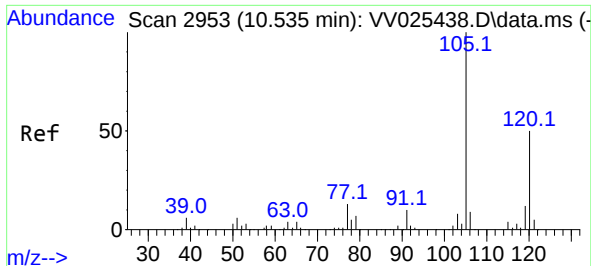


#61
1,2,3-Trichloropropane
Concen: 7.107 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV025462.D
Acq: 11 Apr 2022 19:53



Tgt Ion: 75 Resp: 26179
Ion Ratio Lower Upper
75 100
77 33.0 25.6 38.4
110 43.4 34.7 52.1

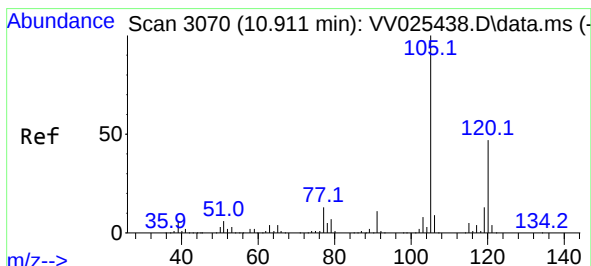
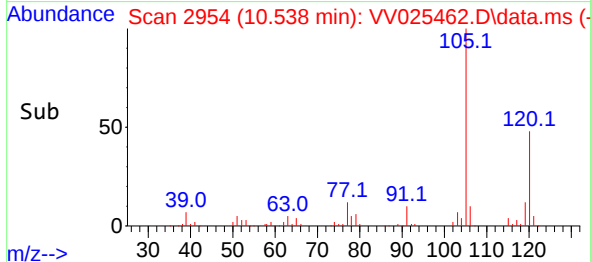
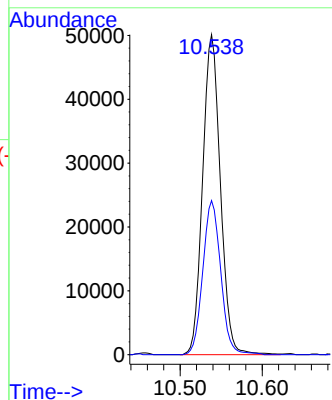
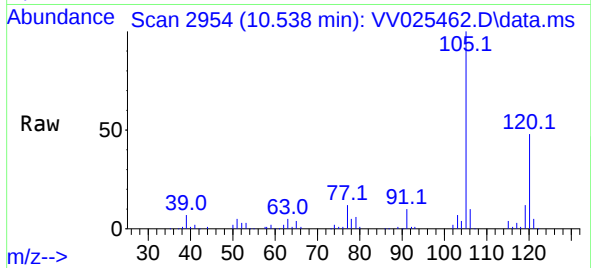




#62
1,3,5-Trimethylbenzene
Concen: 4.879 ug/L
RT: 10.538 min Scan# 2953
Delta R.T. 0.003 min
Lab File: VV025462.D
Acq: 11 Apr 2022 19:53

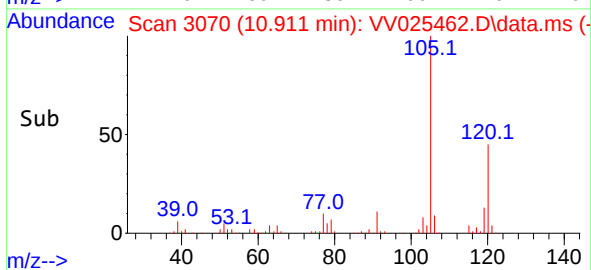
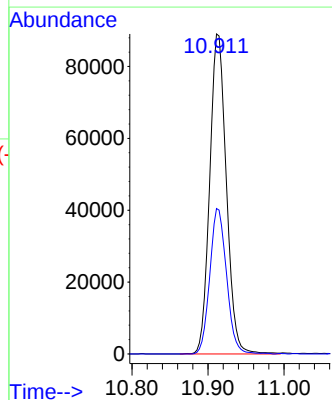
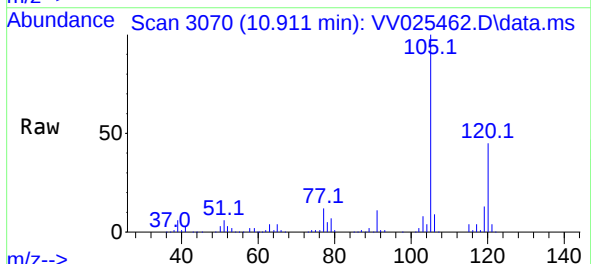
Instrument :
MSVOA_V
ClientSampleId :

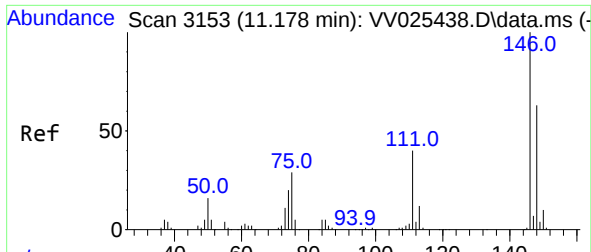
Tgt Ion:105 Resp: 75324
Ion Ratio Lower Upper
105 100
120 48.6 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 4.868 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. 0.000 min
Lab File: VV025462.D
Acq: 11 Apr 2022 19:53

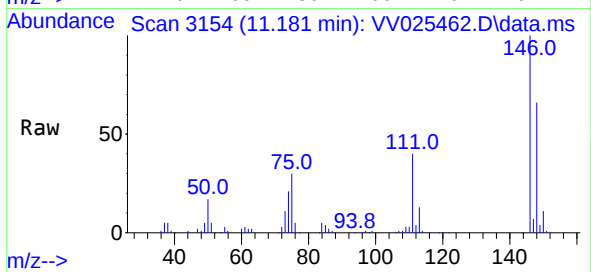
Tgt Ion:105 Resp: 135397
Ion Ratio Lower Upper
105 100
120 45.7 36.6 55.0



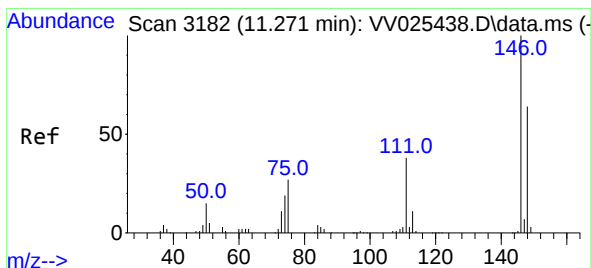
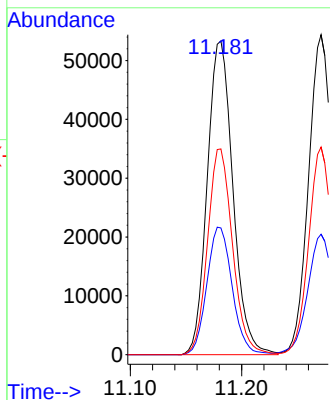
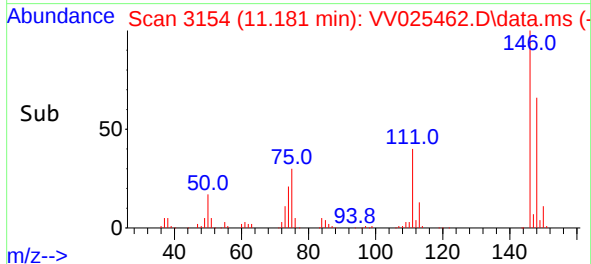


#64
1,3-Dichlorobenzene
Concen: 5.287 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VV025462.D
Acq: 11 Apr 2022 19:53

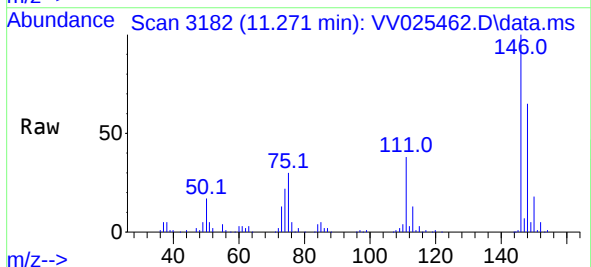
Instrument :
MSVOA_V
ClientSampleId :



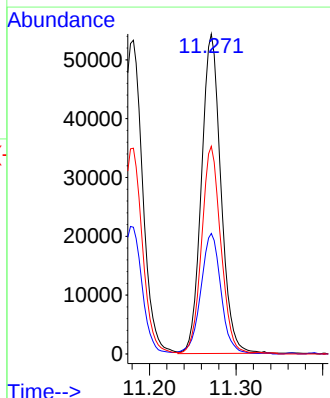
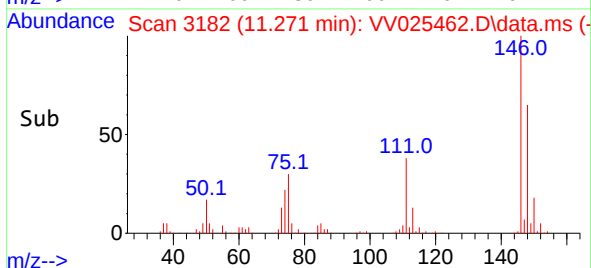
Tgt Ion:146 Resp: 85438
Ion Ratio Lower Upper
146 100
111 40.4 27.4 50.8
148 65.6 44.7 82.9

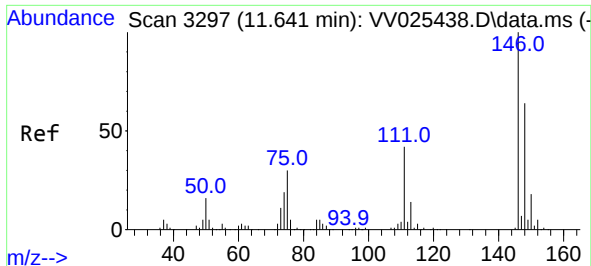


#65
1,4-Dichlorobenzene
Concen: 5.164 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV025462.D
Acq: 11 Apr 2022 19:53



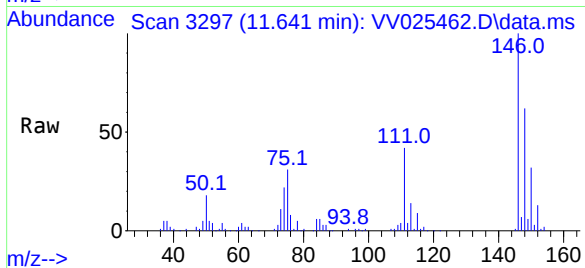
Tgt Ion:146 Resp: 84712
Ion Ratio Lower Upper
146 100
111 37.7 26.7 49.7
148 64.9 42.8 79.6



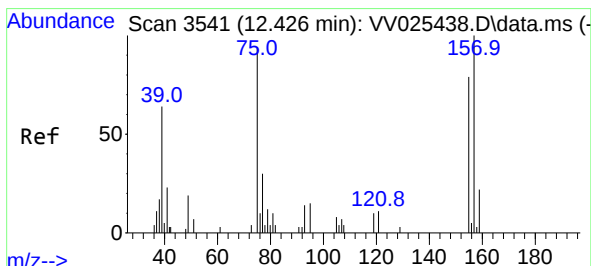
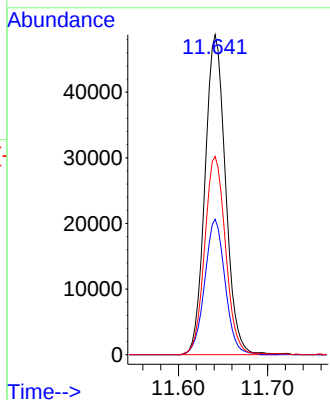
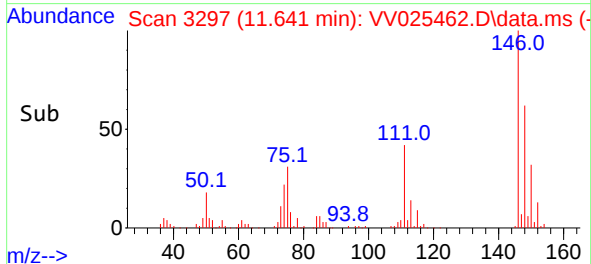


#67
1,2-Dichlorobenzene
Concen: 5.450 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV025462.D
Acq: 11 Apr 2022 19:53

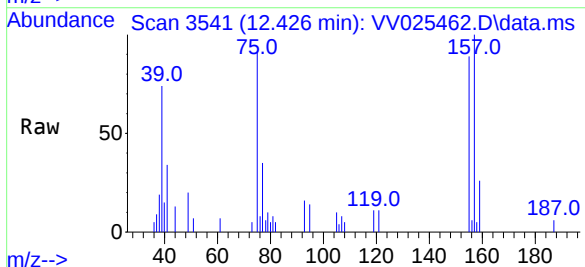
Instrument :
MSVOA_V
ClientSampleId :



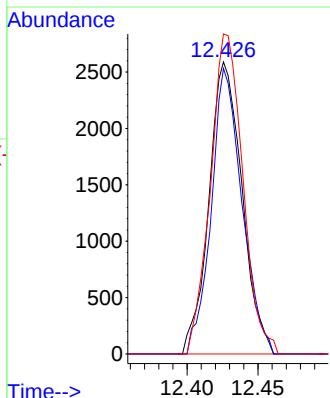
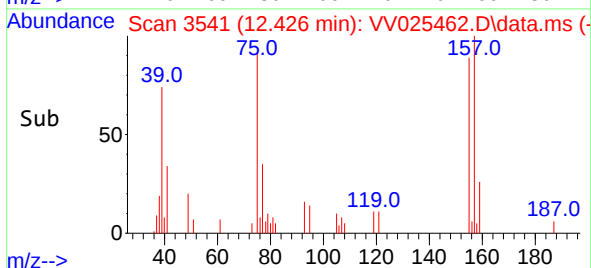
Tgt Ion:146 Resp: 77999
Ion Ratio Lower Upper
146 100
111 42.3 33.6 50.4
148 62.0 50.0 75.0

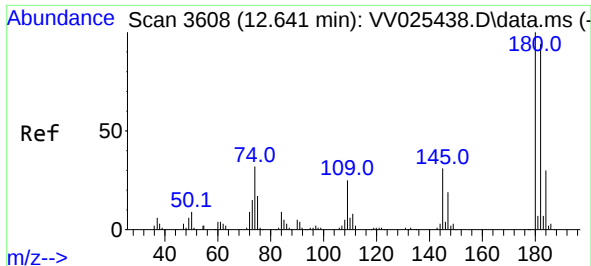


#68
1,2-Dibromo-3-chloropropane
Concen: 6.590 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV025462.D
Acq: 11 Apr 2022 19:53



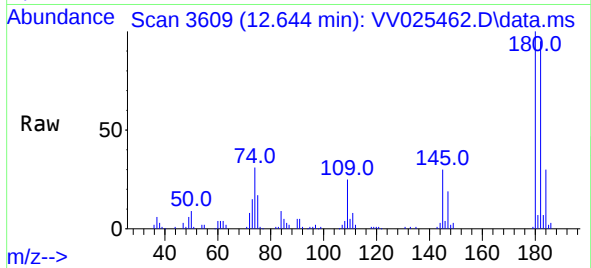
Tgt Ion: 75 Resp: 4197
Ion Ratio Lower Upper
75 100
155 97.8 65.8 98.8
157 109.6 86.6 130.0



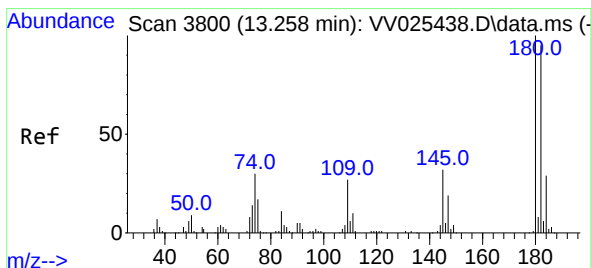
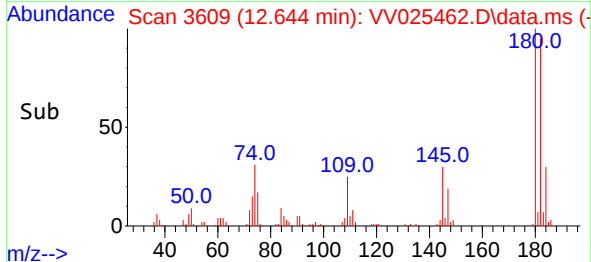
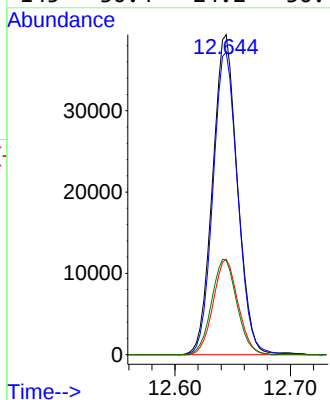


#69
 1,3,5-Trichlorobenzene
 Concen: 4.784 ug/L
 RT: 12.644 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: VV025462.D
 Acq: 11 Apr 2022 19:53

Instrument :
 MSVOA_V
 ClientSampleId :

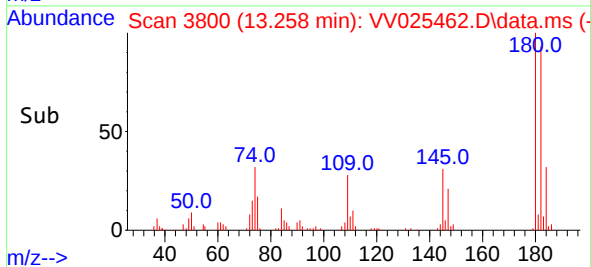
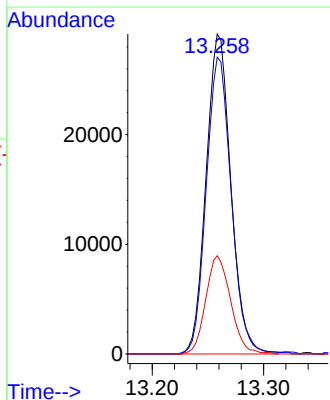
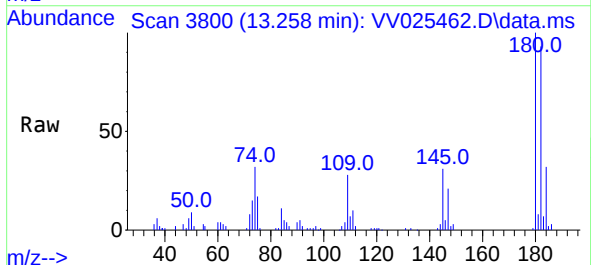


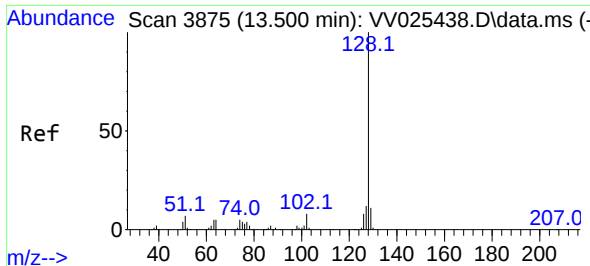
Tgt Ion:180 Resp: 58817
 Ion Ratio Lower Upper
 180 100
 182 94.5 75.3 112.9
 184 29.7 23.4 35.2
 145 30.4 24.2 36.4



#70
 1,2,4-trichlorobenzene
 Concen: 4.755 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV025462.D
 Acq: 11 Apr 2022 19:53

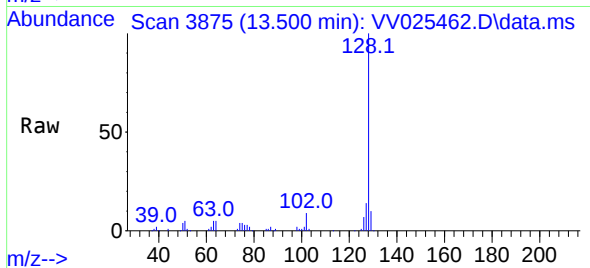
Tgt Ion:180 Resp: 45072
 Ion Ratio Lower Upper
 180 100
 182 93.8 76.6 114.8
 145 30.8 24.6 36.8





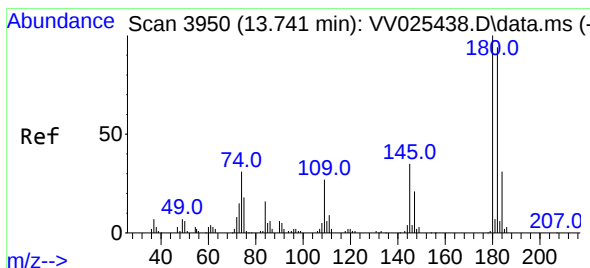
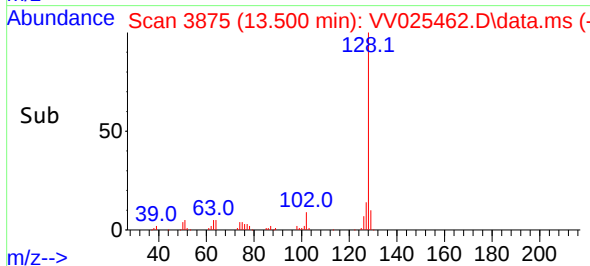
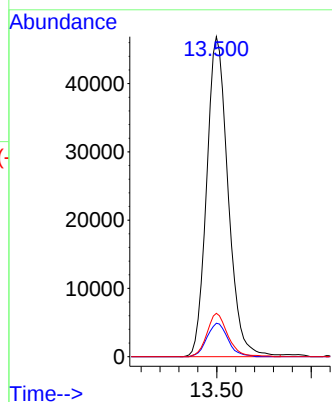
#71
Naphthalene
Concen: 5.298 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV025462.D
Acq: 11 Apr 2022 19:53

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 73665

Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.8	13.2
127	13.2	10.4	15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.193 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV025462.D
Acq: 11 Apr 2022 19:53

Tgt Ion:180 Resp: 40758

Ion	Ratio	Lower	Upper
180	100		
182	94.1	77.7	116.5
145	32.3	27.4	41.2

