

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041322\
 Data File : VW025528.D
 Acq On : 14 Apr 2022 06:02
 Operator : SY/MD
 Sample : N2357-11MS
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YAZ18MS

Quant Time: Apr 14 06:56:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 14 05:22:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	131335	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	130241	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	68266	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	50620	4.146	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.000%
7) Chloroethane-d5	1.574	69	47761	3.677	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.600%
11) 1,1-Dichloroethene-d2	2.118	63	116203	4.751	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.000%
20) 2-Butanone-d5	3.899	46	81050	54.569	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.140%
24) Chloroform-d	4.352	84	88952	4.821	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.037	65	39827	5.010	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.053	84	165464	4.391	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.072	67	49334	4.694	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.317	98	153171	4.380	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	7.625	79	12664	3.585	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.800%
46) 2-Hexanone-d5	8.088	63	60576	48.861	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.720%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	32739	4.931	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	50072	4.375	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	68807	5.800	ug/L	97
3) Chloromethane	1.246	50	89370	6.933	ug/L	98
5) Vinyl chloride	1.317	62	91696	6.294	ug/L	99
6) Bromomethane	1.526	94	49622	4.724	ug/L	98
8) Chloroethane	1.590	64	63225	5.623	ug/L	100
9) Trichlorofluoromethane	1.757	101	130494	6.378	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.124	101	66557	5.790	ug/L	97
12) 1,1-Dichloroethene	2.124	96	67066	5.887	ug/L	82
13) Acetone	2.191	43	62099	61.599	ug/L	98
14) Carbon disulfide	2.301	76	156060	5.723	ug/L	100
15) Methyl Acetate	2.449	43	7361	3.285	ug/L #	83
16) Methylene chloride	2.513	84	56252	5.093	ug/L	98
17) Methyl tert-butyl Ether	2.773	73	105541	5.988	ug/L	99
18) trans-1,2-Dichloroethene	2.767	96	56370	5.905	ug/L	98
19) 1,1-Dichloroethane	3.195	63	102512	6.341	ug/L	98
21) 2-Butanone	3.982	43	91568	65.734	ug/L	97
22) cis-1,2-Dichloroethene	3.918	96	59348	5.906	ug/L	96
23) Bromochloromethane	4.256	128	24875	5.962	ug/L	92
25) Chloroform	4.381	83	108172	6.339	ug/L	96

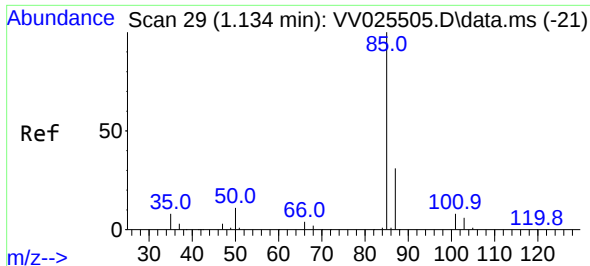
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	57251	6.358	ug/L	95
29) 1,1,1-Trichloroethane	4.613	97	95991	6.249	ug/L	99
30) Cyclohexane	4.683	56	80480	5.762	ug/L	98
31) Carbon tetrachloride	4.831	117	79344	6.107	ug/L	99
33) Benzene	5.101	78	236477	6.147	ug/L	100
34) Trichloroethene	5.915	95	63222	6.189	ug/L	98
35) Methylcyclohexane	6.133	83	87405	5.362	ug/L	98
37) 1,2-Dichloropropane	6.175	63	55848	6.275	ug/L	100
38) Bromodichloromethane	6.513	83	68317	6.183	ug/L	98
39) cis-1,3-Dichloropropene	7.031	75	49333	4.229	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	244948	68.733	ug/L	96
42) Toluene	7.387	91	258081	6.167	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	43226	4.770	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	36553	6.133	ug/L	96
47) Tetrachloroethene	7.976	164	44152	5.521	ug/L	95
48) 2-Hexanone	8.140	43	172623	69.506	ug/L	96
49) Dibromochloromethane	8.246	129	39540	6.043	ug/L	97
50) 1,2-Dibromoethane	8.352	107	32789	5.857	ug/L	99
51) Chlorobenzene	8.883	112	159185	5.957	ug/L	99
52) Ethylbenzene	9.011	91	261245	5.853	ug/L	100
53) m,p-Xylene	9.137	106	101684	5.992	ug/L	96
54) o-Xylene	9.542	106	99719	6.050	ug/L	94
55) Styrene	9.561	104	166607	6.216	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	38690	6.497	ug/L	99
59) Bromoform	9.731	173	17406	6.177	ug/L	93
60) Isopropylbenzene	9.931	105	263296	6.231	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	28913	6.431	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	111980	5.943	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	206626	6.086	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	118519	6.009	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	117517	5.869	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	105660	6.049	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	5167	6.647	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	79540	5.300	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	62524	5.405	ug/L	99
71) Naphthalene	13.500	128	97062	5.719	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	55010	5.743	ug/L	97

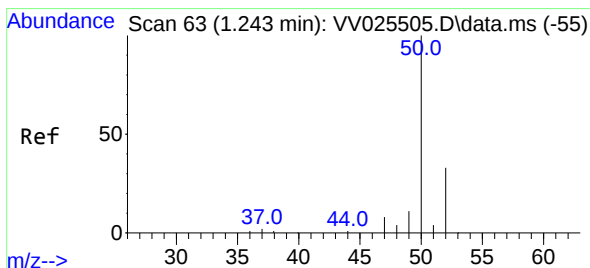
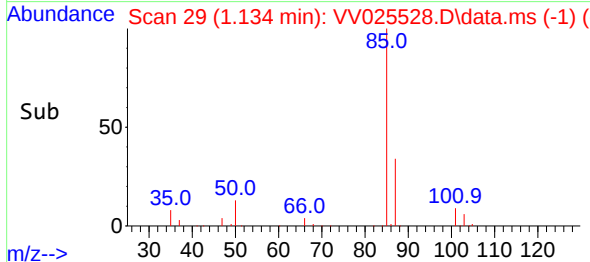
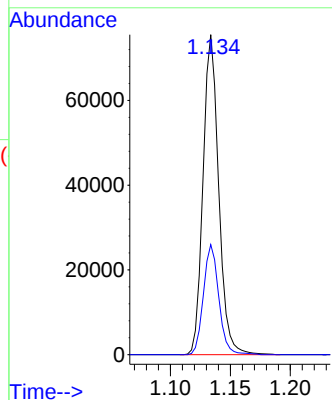
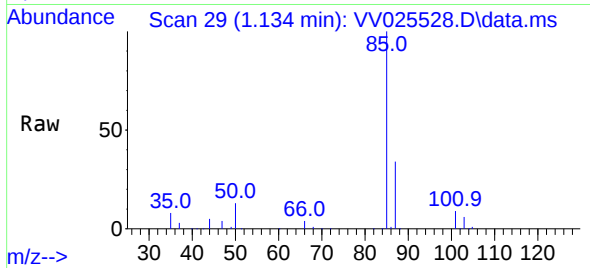
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#2
 Dichlorodifluoromethane
 Concen: 5.800 ug/L
 RT: 1.134 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VV025528.D
 Acq: 14 Apr 2022 06:02

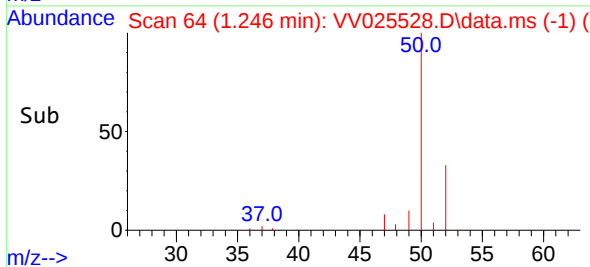
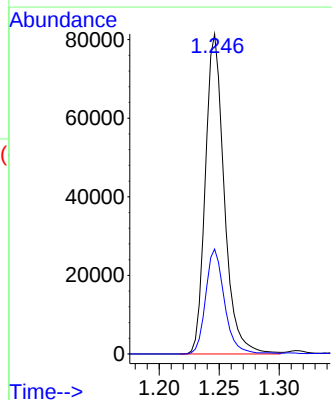
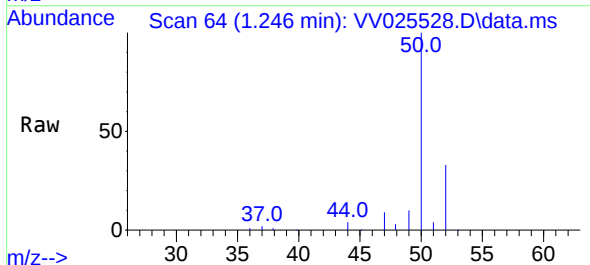
Instrument :
 MSVOA_V
 ClientSampleId :
 YAZ18MS

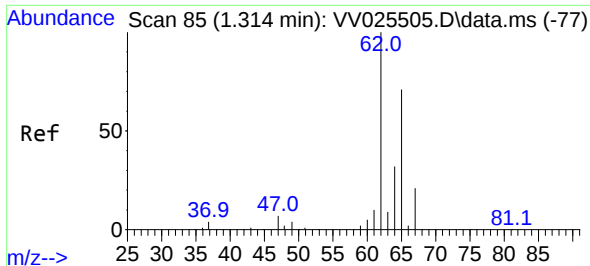
Tgt Ion: 85 Resp: 68807
 Ion Ratio Lower Upper
 85 100
 87 33.7 25.6 38.4



#3
 Chloromethane
 Concen: 6.933 ug/L
 RT: 1.246 min Scan# 64
 Delta R.T. 0.003 min
 Lab File: VV025528.D
 Acq: 14 Apr 2022 06:02

Tgt Ion: 50 Resp: 89370
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.7 43.9

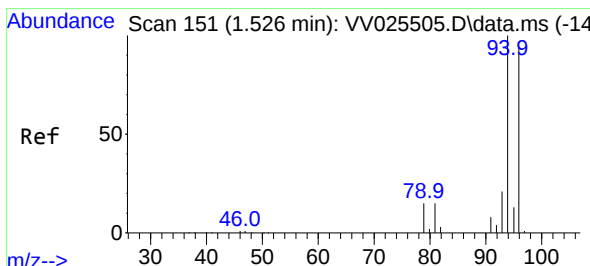
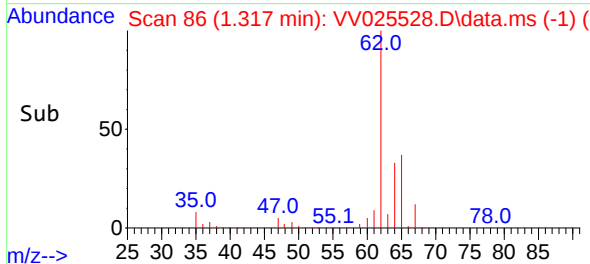
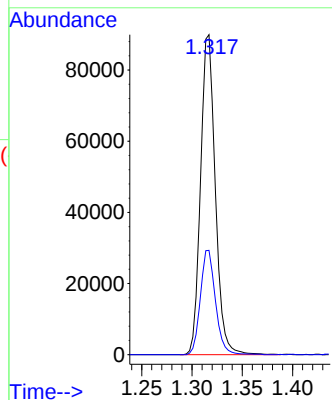
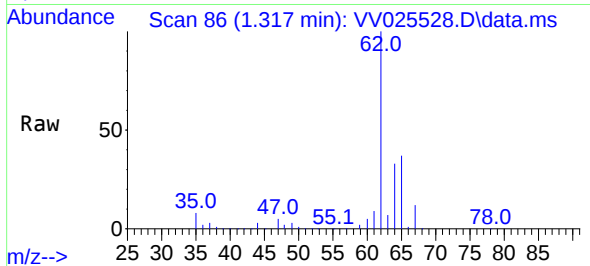




#5
 Vinyl chloride
 Concen: 6.294 ug/L
 RT: 1.317 min Scan# 80
 Delta R.T. 0.003 min
 Lab File: VV025528.D
 Acq: 14 Apr 2022 06:02

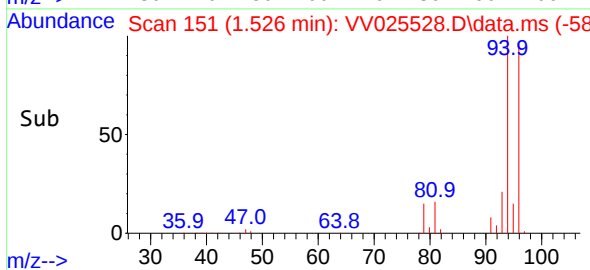
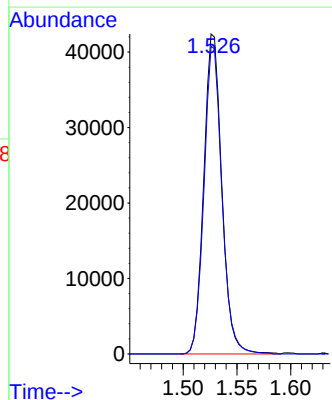
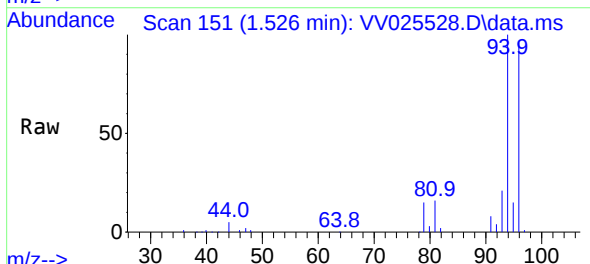
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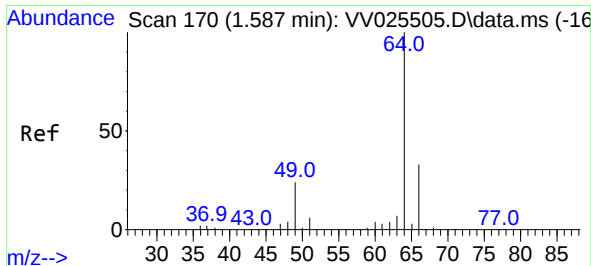
Tgt Ion: 62 Resp: 91696
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.2 43.2



#6
 Bromomethane
 Concen: 4.724 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. -0.000 min
 Lab File: VV025528.D
 Acq: 14 Apr 2022 06:02

Tgt Ion: 94 Resp: 49622
 Ion Ratio Lower Upper
 94 100
 96 96.1 66.1 122.7

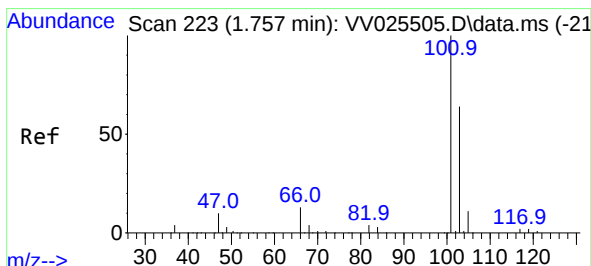
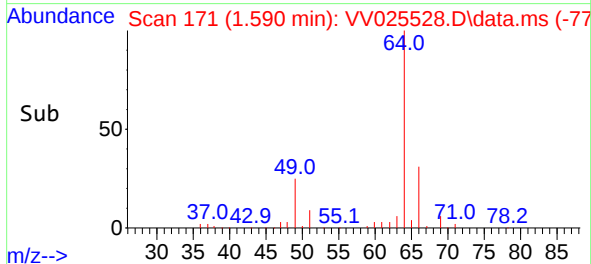
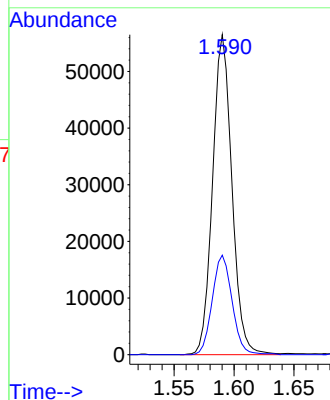
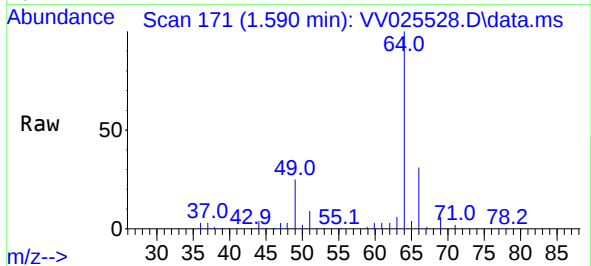




#8
Chloroethane
Concen: 5.623 ug/L
RT: 1.590 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV025528.D
Acq: 14 Apr 2022 06:02

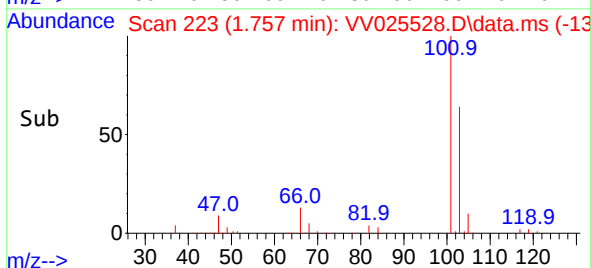
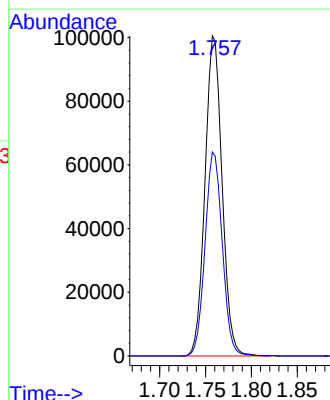
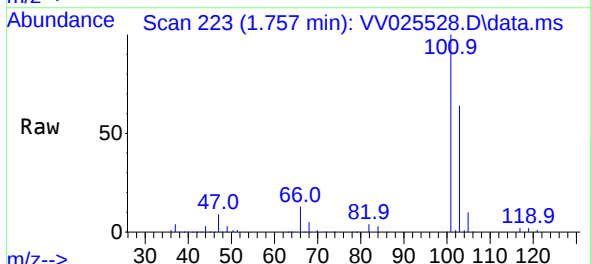
Instrument :
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ClientSampleId :
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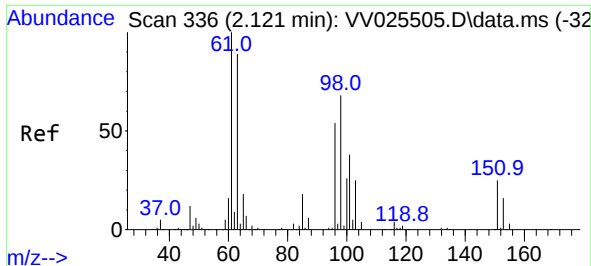
Tgt Ion: 64 Resp: 63225
Ion Ratio Lower Upper
64 100
66 31.1 21.8 40.6



#9
Trichlorofluoromethane
Concen: 6.378 ug/L
RT: 1.757 min Scan# 223
Delta R.T. -0.000 min
Lab File: VV025528.D
Acq: 14 Apr 2022 06:02

Tgt Ion: 101 Resp: 130494
Ion Ratio Lower Upper
101 100
103 64.1 51.9 77.9

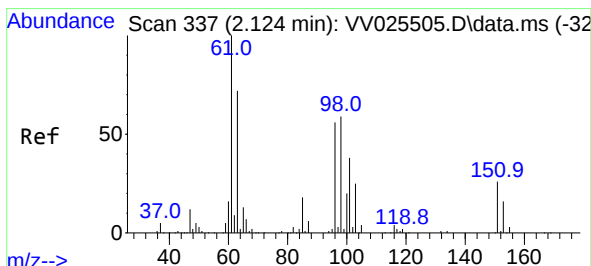
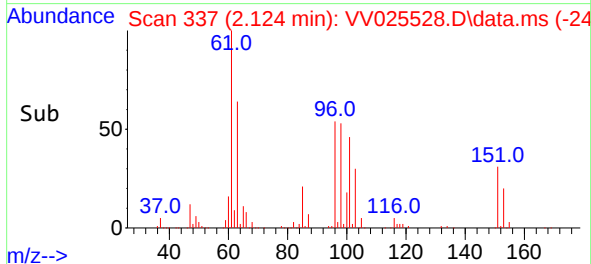
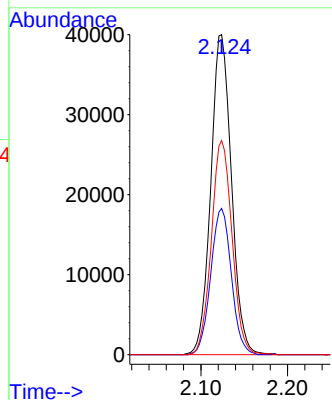
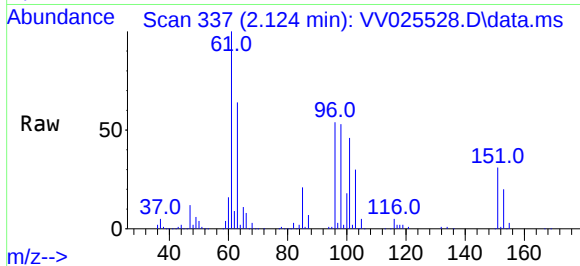




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.790 ug/L
RT: 2.124 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV025528.D
Acq: 14 Apr 2022 06:02

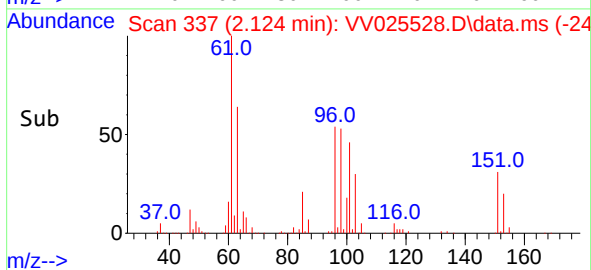
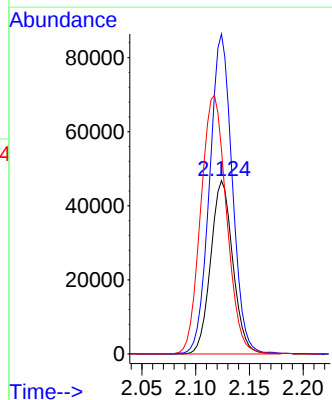
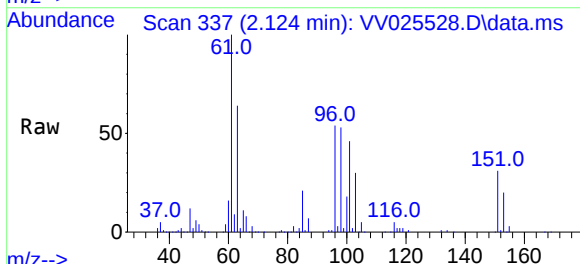
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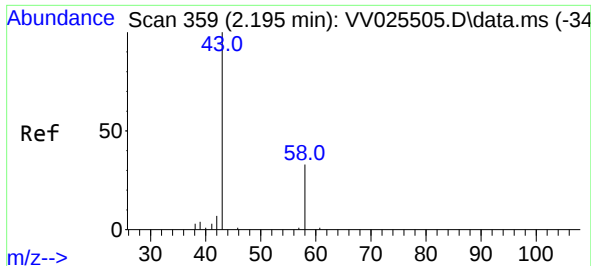
Tgt Ion:101 Resp: 66557
Ion Ratio Lower Upper
101 100
85 45.4 35.9 53.9
151 67.0 56.0 84.0



#12
1,1-Dichloroethene
Concen: 5.887 ug/L
RT: 2.124 min Scan# 337
Delta R.T. -0.000 min
Lab File: VV025528.D
Acq: 14 Apr 2022 06:02

Tgt Ion: 96 Resp: 67066
Ion Ratio Lower Upper
96 100
61 184.7 125.2 232.4
63 118.0 114.4 212.4





#13

Acetone

Concen: 61.599 ug/L

RT: 2.191 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV025528.D

Acq: 14 Apr 2022 06:02

Instrument :

MSVOA_V

ClientSampleId :

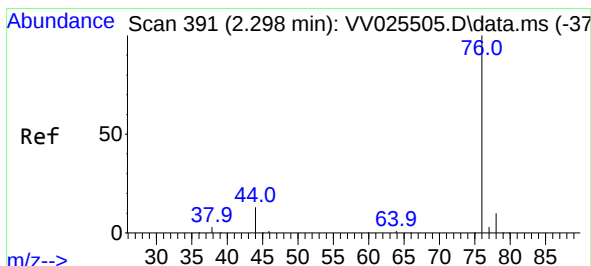
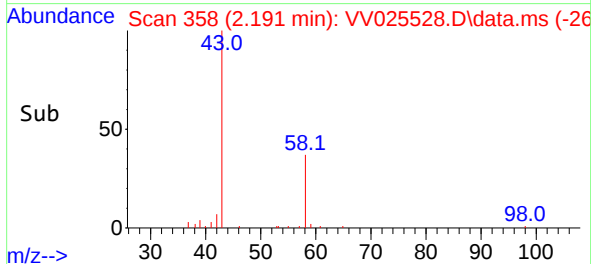
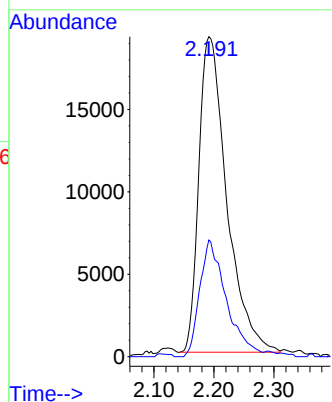
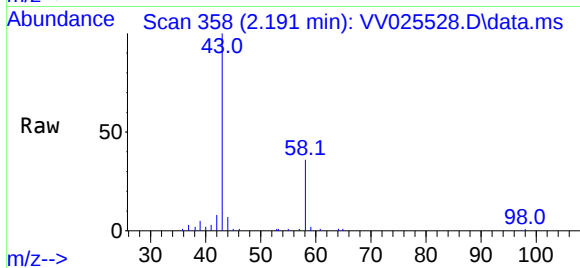
YAZ18MS

Tgt Ion: 43 Resp: 62099

Ion Ratio Lower Upper

43 100

58 35.1 0.0 72.2



#14

Carbon disulfide

Concen: 5.723 ug/L

RT: 2.301 min Scan# 392

Delta R.T. 0.003 min

Lab File: VV025528.D

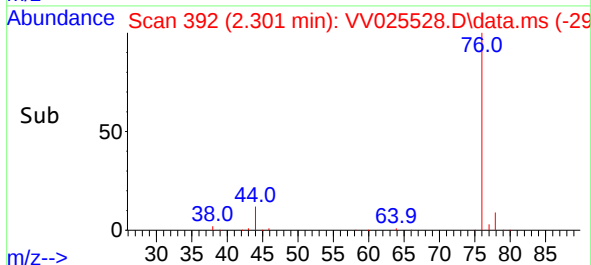
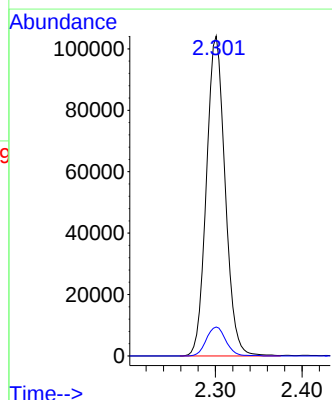
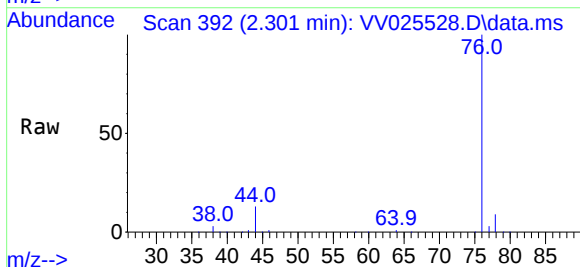
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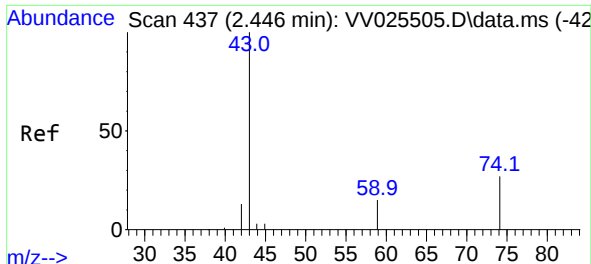
Tgt Ion: 76 Resp: 156060

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

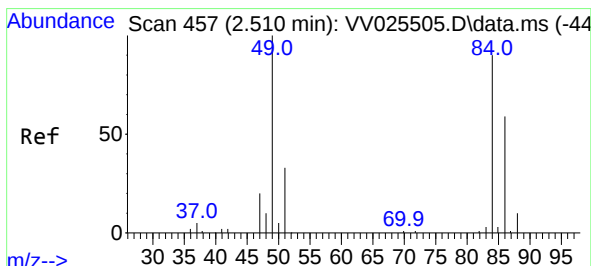
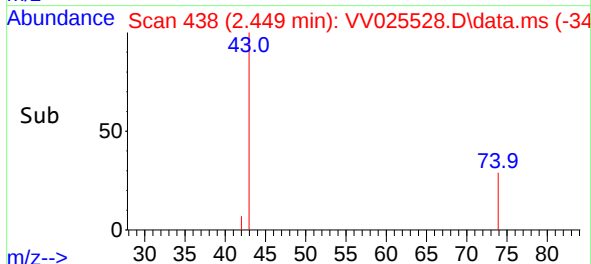
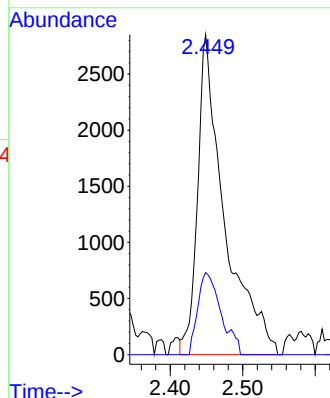
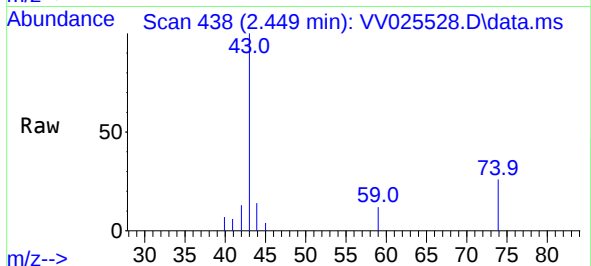




#15
Methyl Acetate
Concen: 3.285 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV025528.D
Acq: 14 Apr 2022 06:02

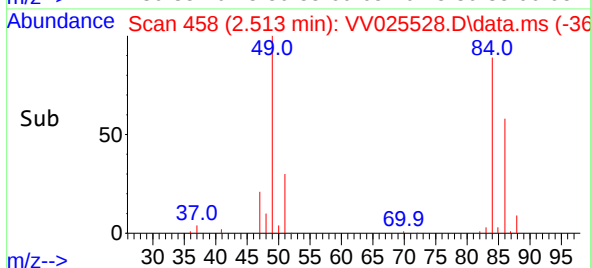
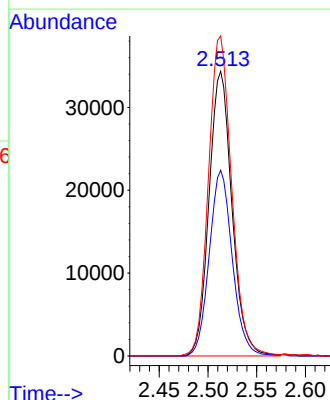
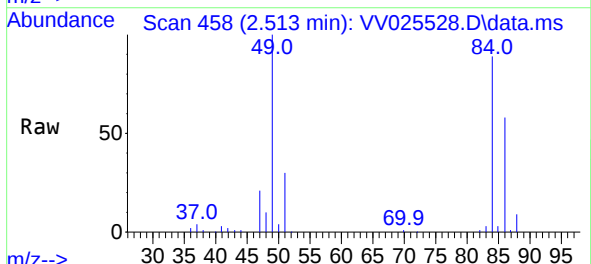
Instrument :
MSVOA_V
ClientSampleId :
YAZ18MS

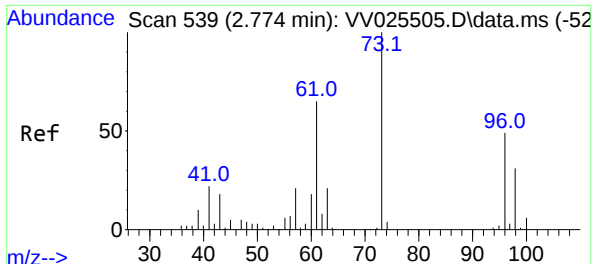
Tgt Ion: 43 Resp: 7361
Ion Ratio Lower Upper
43 100
74 22.0 25.2 37.8#



#16
Methylene chloride
Concen: 5.093 ug/L
RT: 2.513 min Scan# 458
Delta R.T. 0.003 min
Lab File: VV025528.D
Acq: 14 Apr 2022 06:02

Tgt Ion: 84 Resp: 56252
Ion Ratio Lower Upper
84 100
86 65.2 45.9 85.3
49 112.4 76.6 142.3

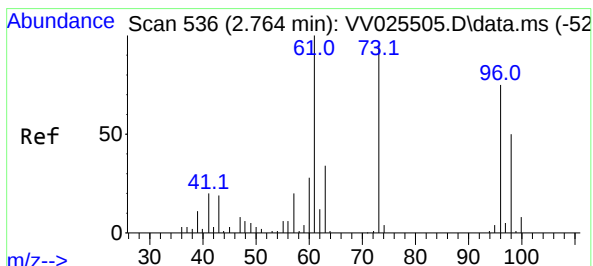
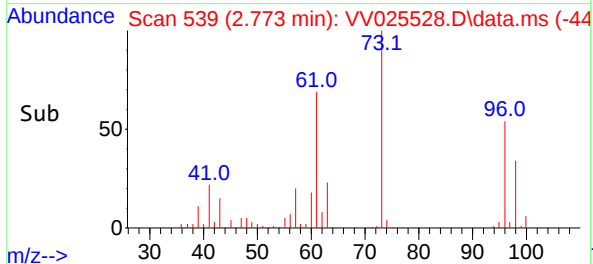
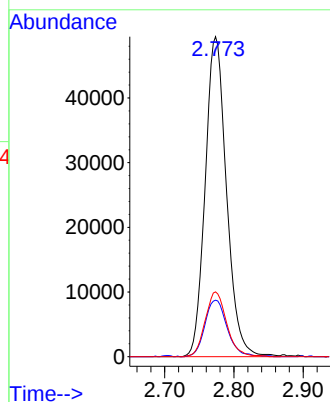
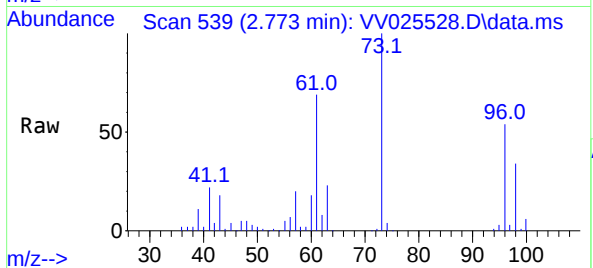




#17
Methyl tert-butyl Ether
Concen: 5.988 ug/L
RT: 2.773 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV025528.D
Acq: 14 Apr 2022 06:02

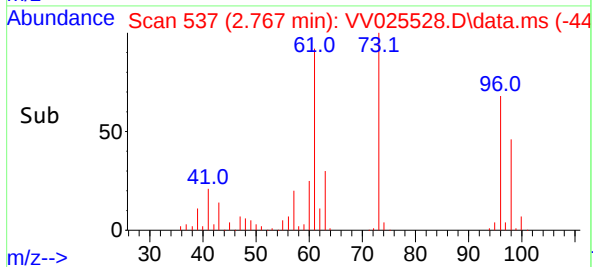
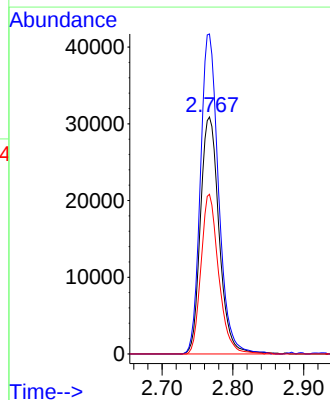
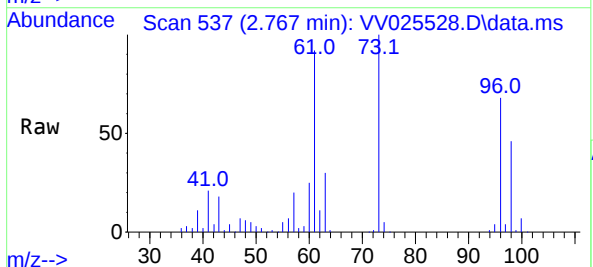
Instrument :
MSVOA_V
ClientSampleId :
YAZ18MS

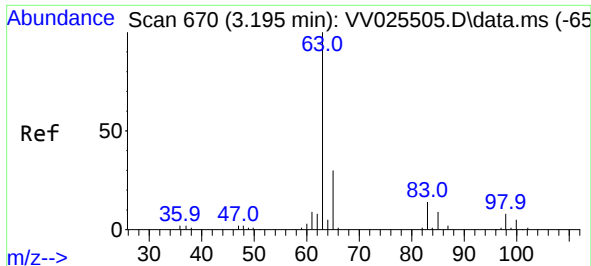
Tgt Ion: 73 Resp: 105541
Ion Ratio Lower Upper
73 100
43 18.6 14.2 21.4
57 20.5 16.1 24.1



#18
trans-1,2-Dichloroethene
Concen: 5.905 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV025528.D
Acq: 14 Apr 2022 06:02

Tgt Ion: 96 Resp: 56370
Ion Ratio Lower Upper
96 100
61 135.1 92.1 171.1
98 67.4 47.5 88.1

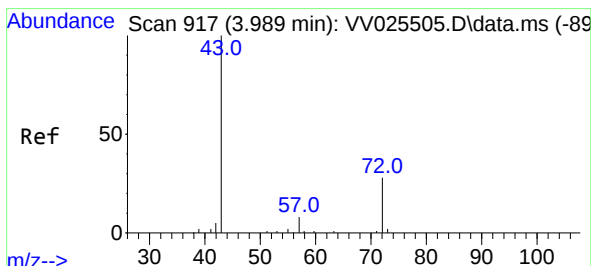
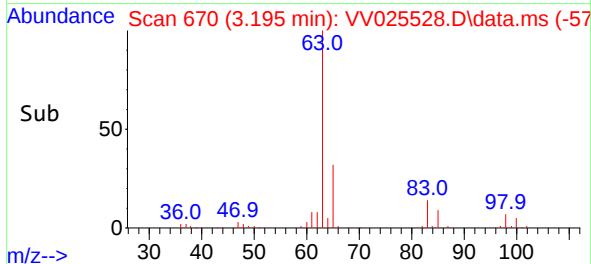
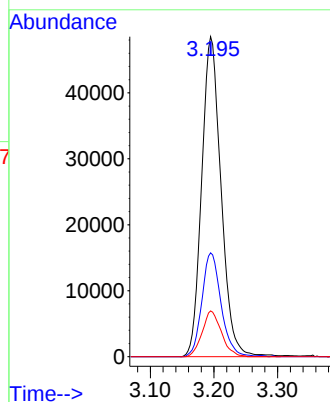
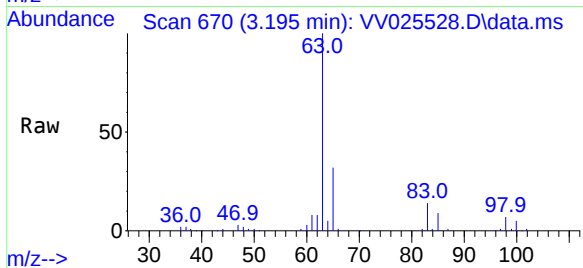




#19
1,1-Dichloroethane
Concen: 6.341 ug/L
RT: 3.195 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV025528.D
Acq: 14 Apr 2022 06:02

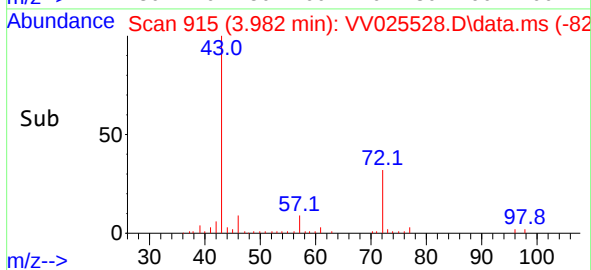
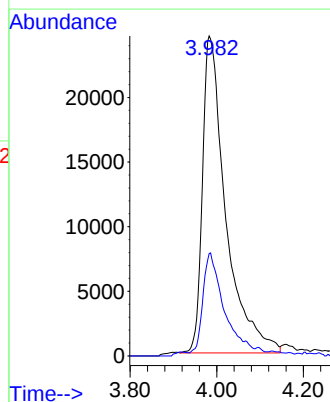
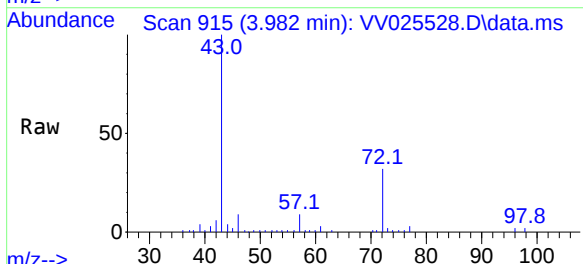
Instrument :
MSVOA_V
ClientSampleId :
YAZ18MS

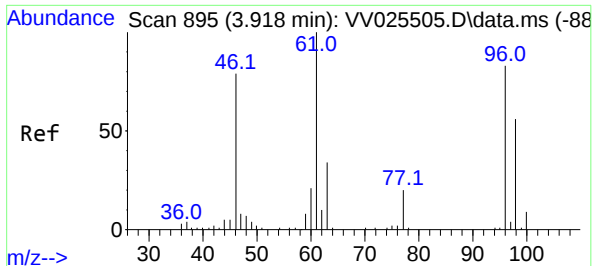
Tgt Ion: 63 Resp: 102512
Ion Ratio Lower Upper
63 100
65 32.5 23.2 43.0
83 14.3 9.0 16.8



#21
2-Butanone
Concen: 65.734 ug/L
RT: 3.982 min Scan# 915
Delta R.T. -0.007 min
Lab File: VV025528.D
Acq: 14 Apr 2022 06:02

Tgt Ion: 43 Resp: 91568
Ion Ratio Lower Upper
43 100
72 28.7 15.2 45.6





#22

cis-1,2-Dichloroethene

Concen: 5.906 ug/L

RT: 3.918 min Scan# 895

Delta R.T. -0.000 min

Lab File: VV025528.D

Acq: 14 Apr 2022 06:02

Instrument :

MSVOA_V

ClientSampleId :

YAZ18MS

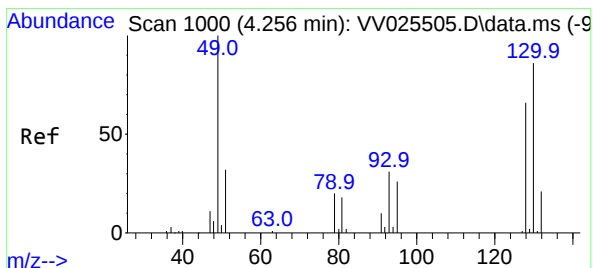
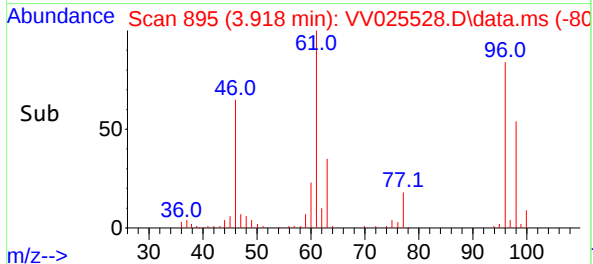
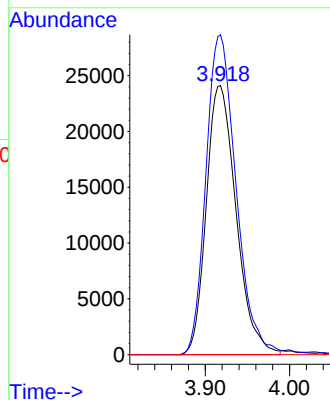
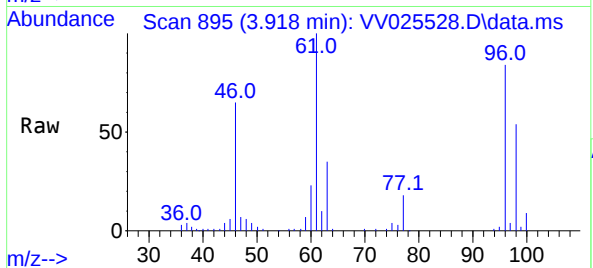
Tgt Ion: 96 Resp: 59348

Ion Ratio Lower Upper

96 100

61 118.9 80.0 148.6

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.962 ug/L

RT: 4.256 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VV025528.D

Acq: 14 Apr 2022 06:02

Tgt Ion: 128 Resp: 24875

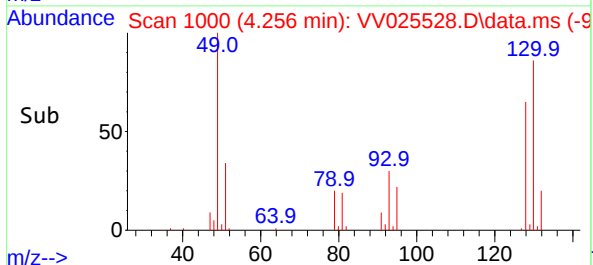
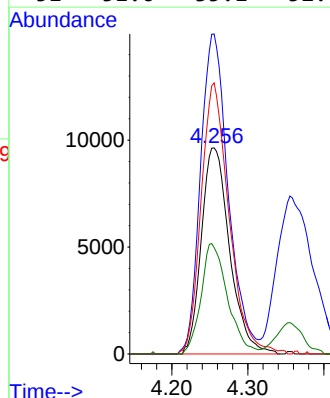
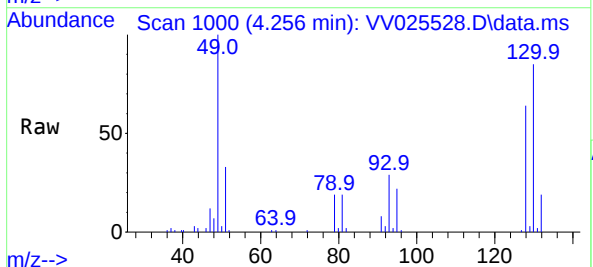
Ion Ratio Lower Upper

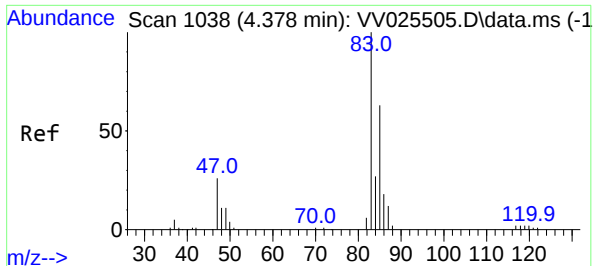
128 100

49 155.3 100.5 186.7

130 131.5 87.8 163.0

51 51.6 35.1 52.7





#25

Chloroform

Concen: 6.339 ug/L

RT: 4.381 min Scan# 1038

Delta R.T. 0.003 min

Lab File: VV025528.D

Acq: 14 Apr 2022 06:02

Instrument :

MSVOA_V

ClientSampleId :

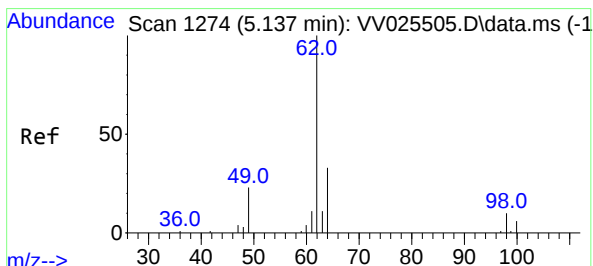
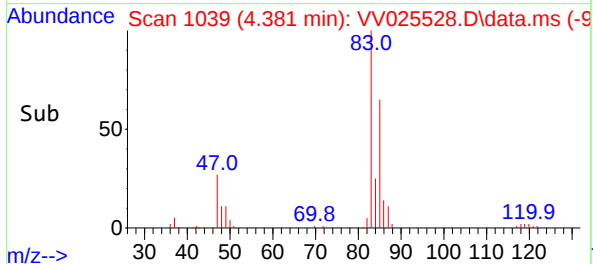
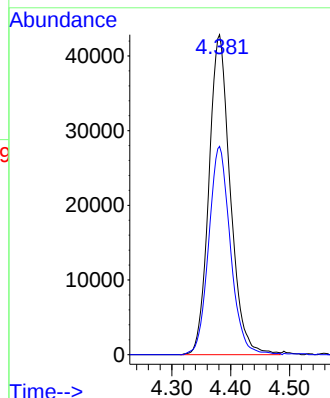
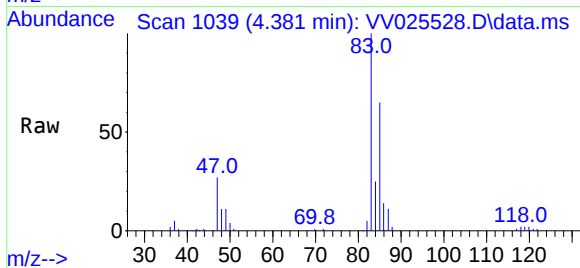
YAZ18MS

Tgt Ion: 83 Resp: 108172

Ion Ratio Lower Upper

83 100

85 65.1 43.5 80.7



#27

1,2-Dichloroethane

Concen: 6.358 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. -0.000 min

Lab File: VV025528.D

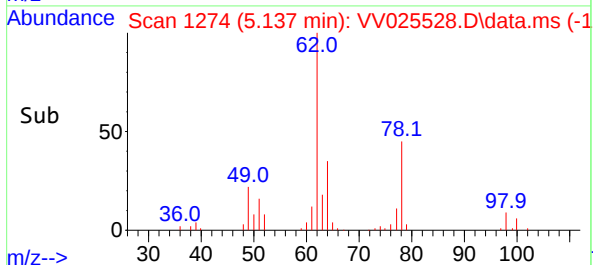
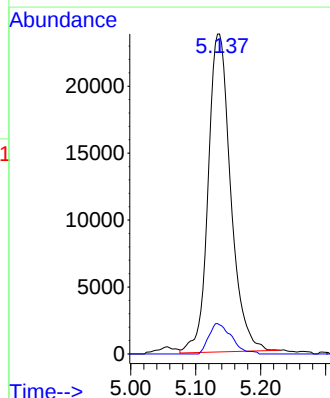
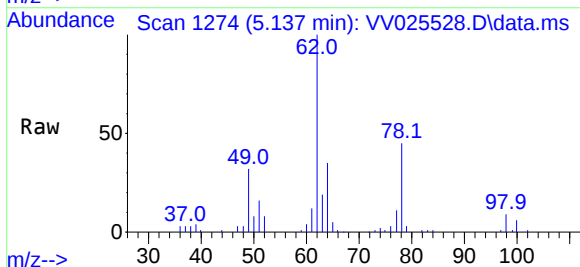
Acq: 14 Apr 2022 06:02

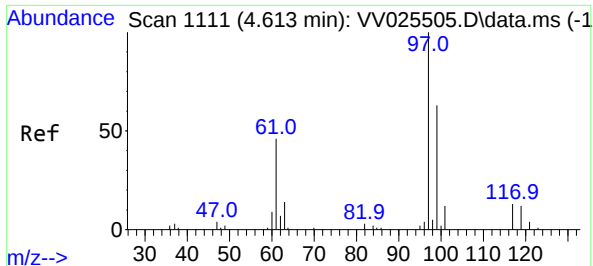
Tgt Ion: 62 Resp: 57251

Ion Ratio Lower Upper

62 100

98 9.1 8.8 13.2





#29

1,1,1-Trichloroethane

Concen: 6.249 ug/L

RT: 4.613 min Scan# 1111

Delta R.T. -0.000 min

Lab File: VV025528.D

Acq: 14 Apr 2022 06:02

Instrument :

MSVOA_V

ClientSampleId :

YAZ18MS

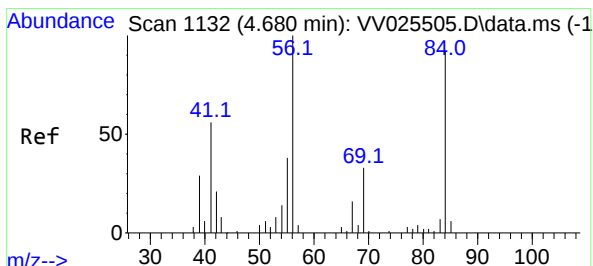
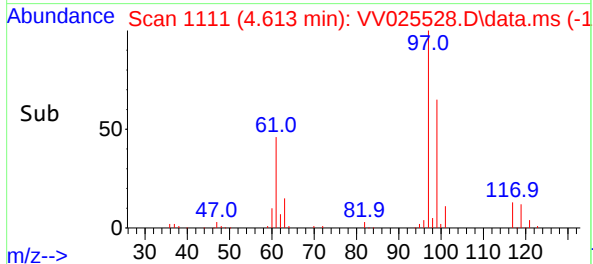
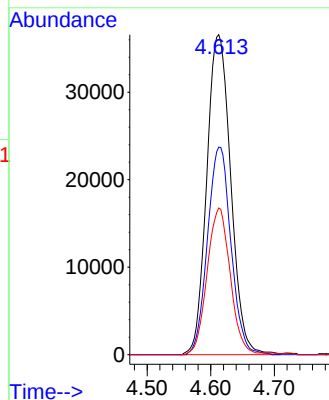
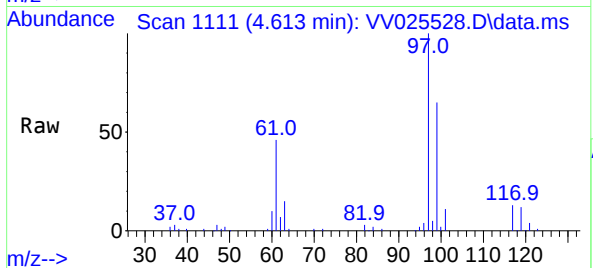
Tgt Ion: 97 Resp: 95991

Ion Ratio Lower Upper

97 100

99 63.3 51.5 77.3

61 44.0 34.3 51.5



#30

Cyclohexane

Concen: 5.762 ug/L

RT: 4.683 min Scan# 1133

Delta R.T. 0.003 min

Lab File: VV025528.D

Acq: 14 Apr 2022 06:02

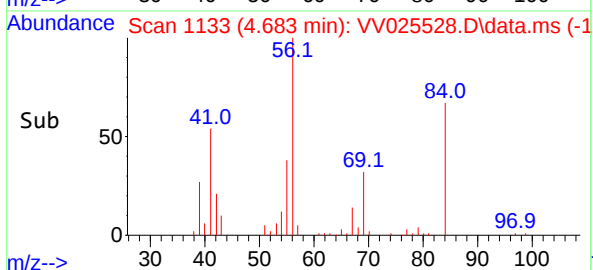
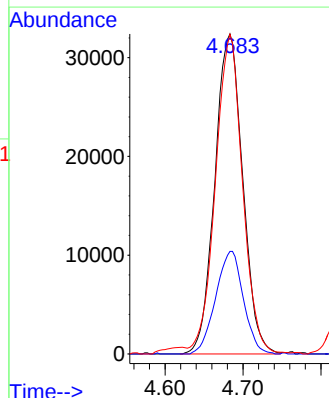
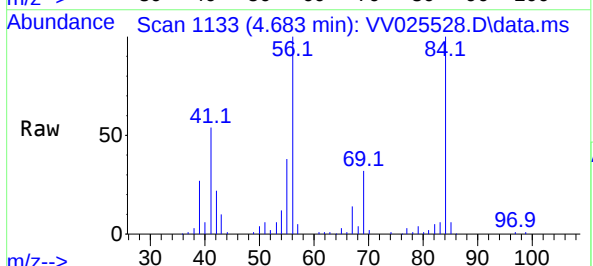
Tgt Ion: 56 Resp: 80480

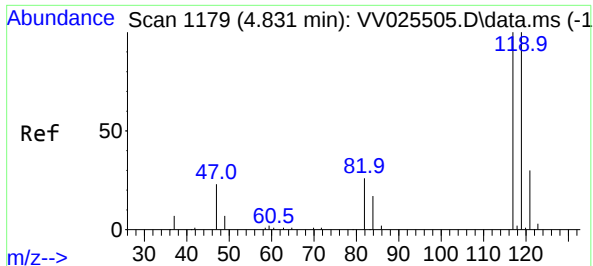
Ion Ratio Lower Upper

56 100

69 31.9 26.1 39.1

84 96.4 78.6 118.0

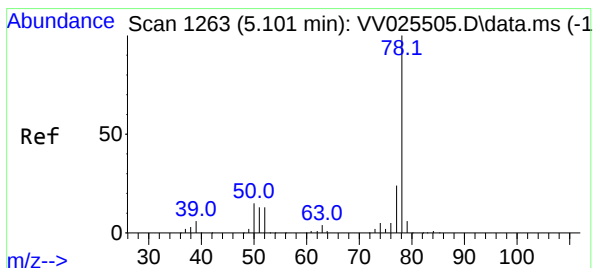
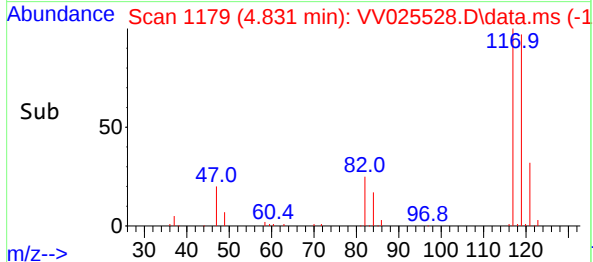
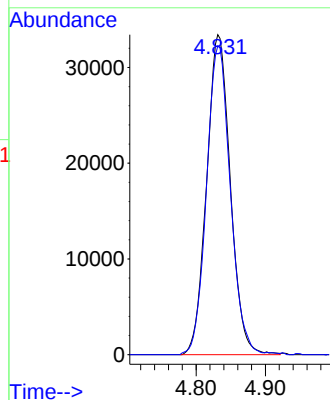
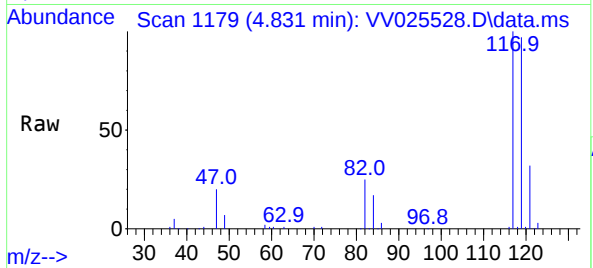




#31
Carbon tetrachloride
Concen: 6.107 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VV025528.D
Acq: 14 Apr 2022 06:02

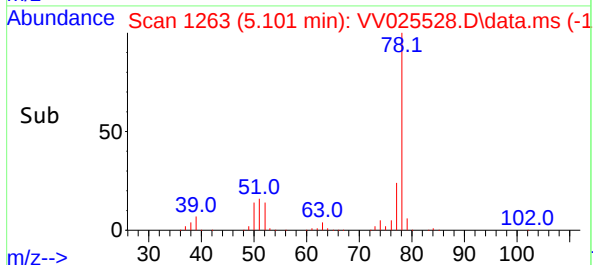
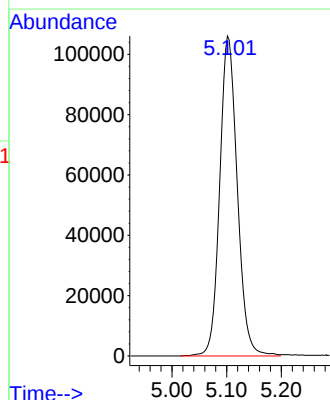
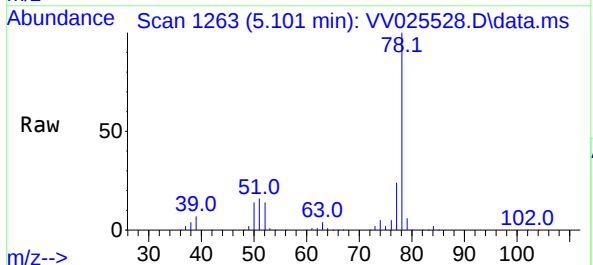
Instrument :
MSVOA_V
ClientSampleId :
YAZ18MS

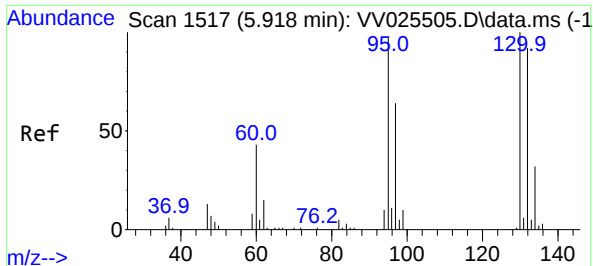
Tgt Ion:117 Resp: 79344
Ion Ratio Lower Upper
117 100
119 96.9 76.6 114.8



#33
Benzene
Concen: 6.147 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VV025528.D
Acq: 14 Apr 2022 06:02

Tgt Ion: 78 Resp: 236477





#34

Trichloroethene

Concen: 6.189 ug/L

RT: 5.915 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV025528.D

Acq: 14 Apr 2022 06:02

Instrument :

MSVOA_V

ClientSampleId :

YAZ18MS

Tgt Ion: 95 Resp: 63222

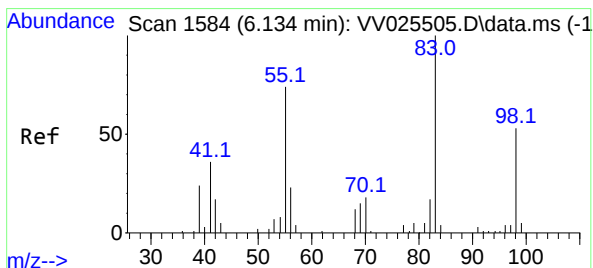
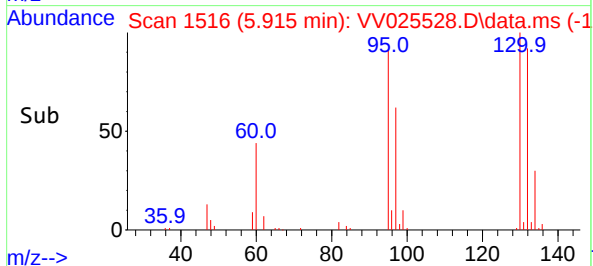
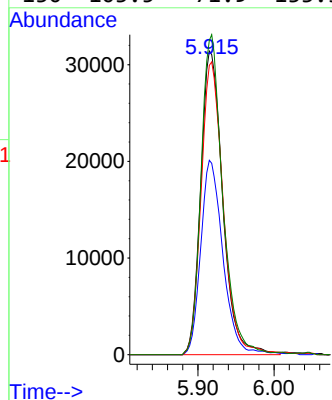
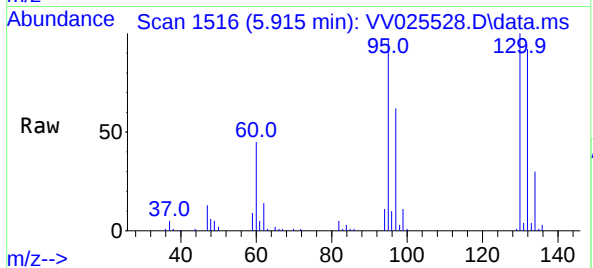
Ion Ratio Lower Upper

95 100

97 64.0 45.8 85.2

132 95.2 68.0 126.4

130 103.5 71.9 133.5



#35

Methylcyclohexane

Concen: 5.362 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. -0.000 min

Lab File: VV025528.D

Acq: 14 Apr 2022 06:02

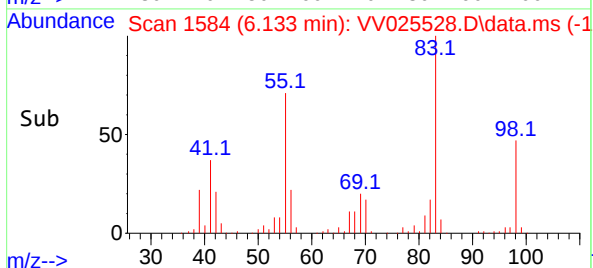
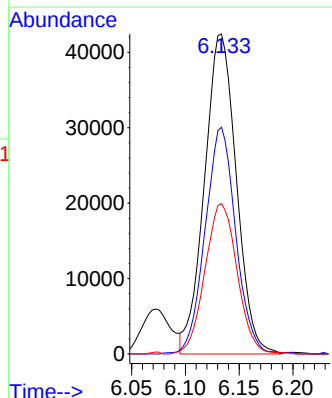
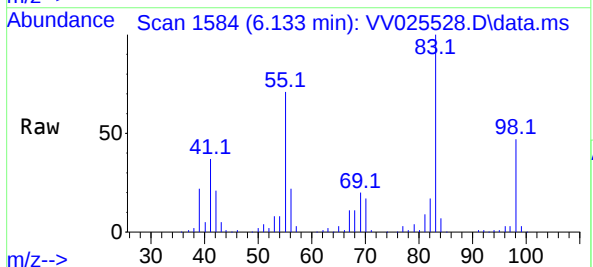
Tgt Ion: 83 Resp: 87405

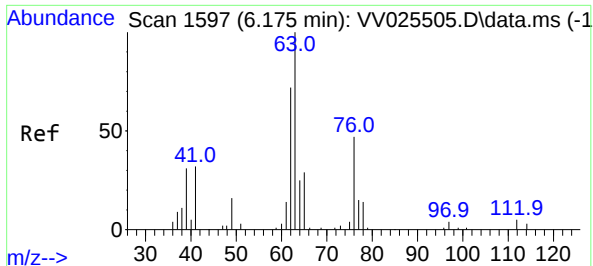
Ion Ratio Lower Upper

83 100

55 68.3 53.7 80.5

98 47.5 39.6 59.4

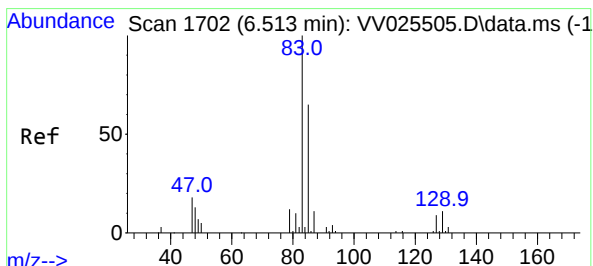
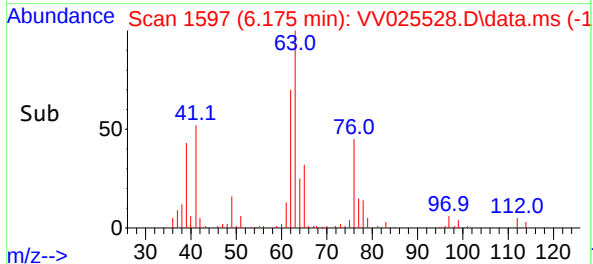
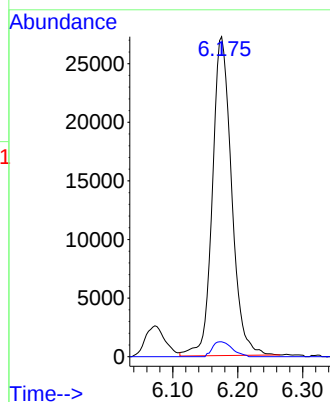
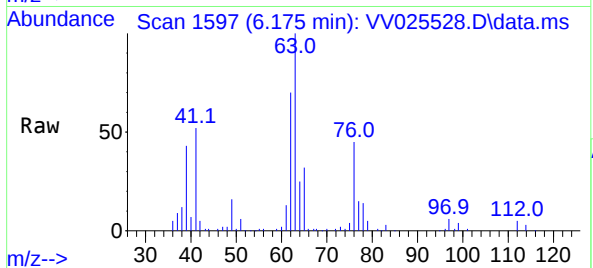




#37
1,2-Dichloropropane
Concen: 6.275 ug/L
RT: 6.175 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV025528.D
Acq: 14 Apr 2022 06:02

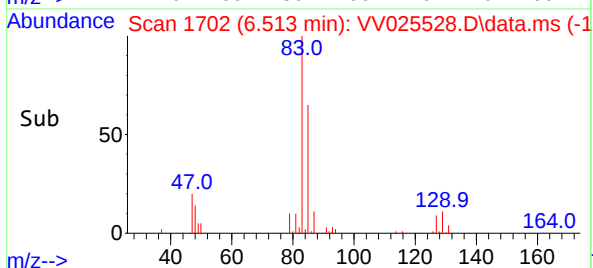
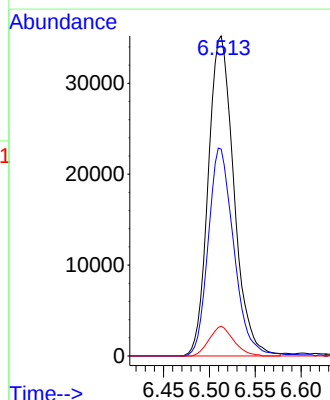
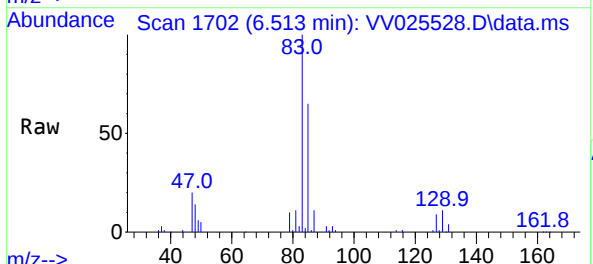
Instrument :
MSVOA_V
ClientSampleId :
YAZ18MS

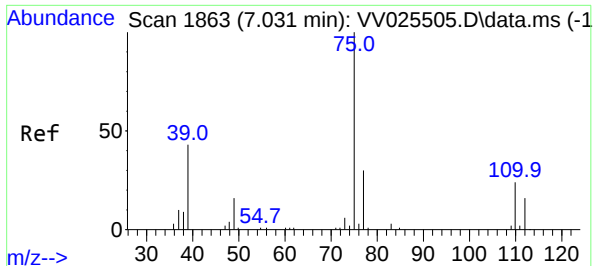
Tgt Ion: 63 Resp: 55848
Ion Ratio Lower Upper
63 100
112 4.8 3.8 5.8



#38
Bromodichloromethane
Concen: 6.183 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VV025528.D
Acq: 14 Apr 2022 06:02

Tgt Ion: 83 Resp: 68317
Ion Ratio Lower Upper
83 100
85 64.7 44.4 82.4
127 9.3 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.229 ug/L

RT: 7.031 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VV025528.D

Acq: 14 Apr 2022 06:02

Instrument :

MSVOA_V

ClientSampleId :

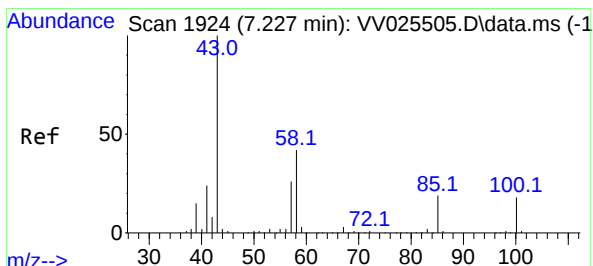
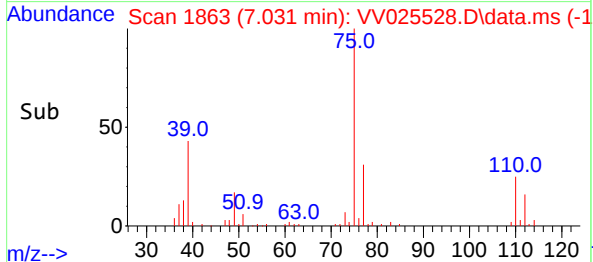
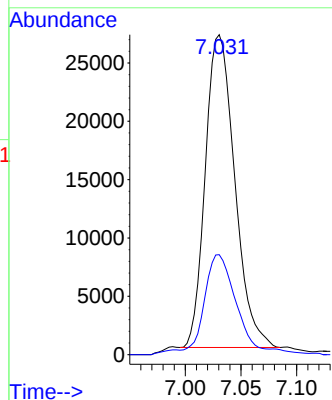
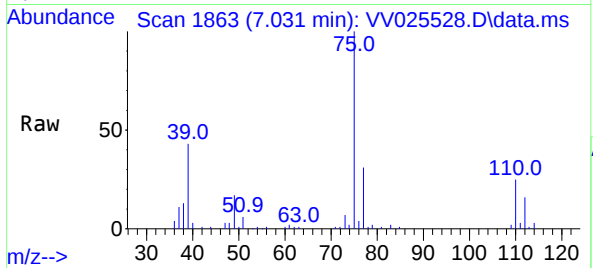
YAZ18MS

Tgt Ion: 75 Resp: 49333

Ion Ratio Lower Upper

75 100

77 31.3 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 68.733 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VV025528.D

Acq: 14 Apr 2022 06:02

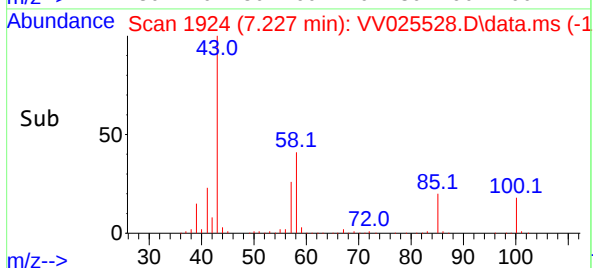
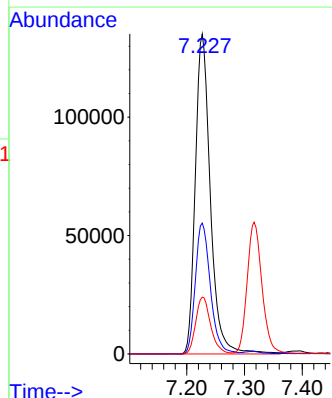
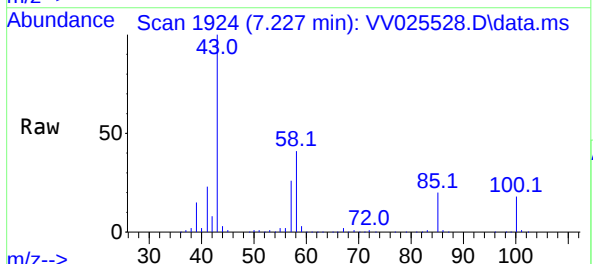
Tgt Ion: 43 Resp: 244948

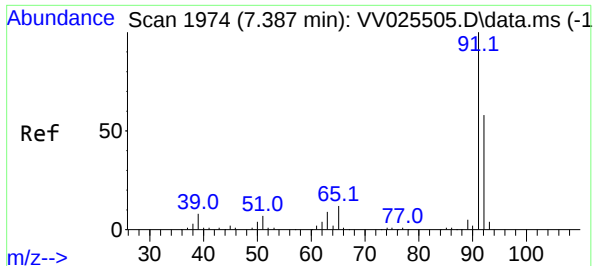
Ion Ratio Lower Upper

43 100

58 40.9 35.1 52.7

100 17.6 15.3 22.9





#42

Toluene

Concen: 6.167 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.000 min

Lab File: VV025528.D

Acq: 14 Apr 2022 06:02

Instrument :

MSVOA_V

ClientSampleId :

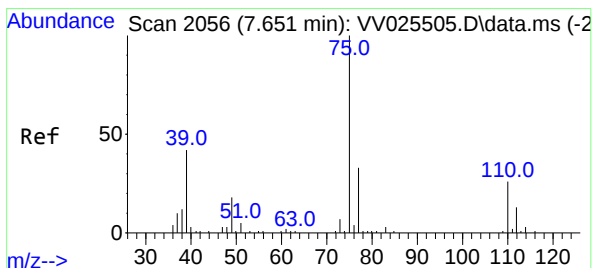
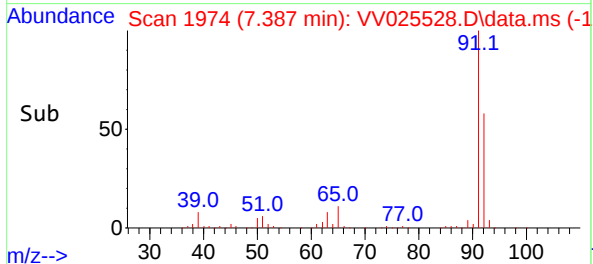
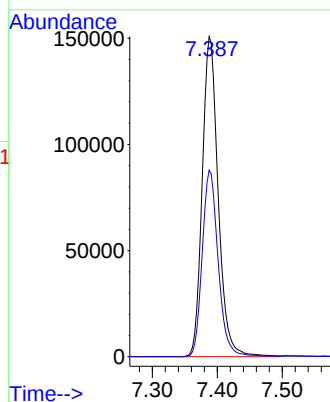
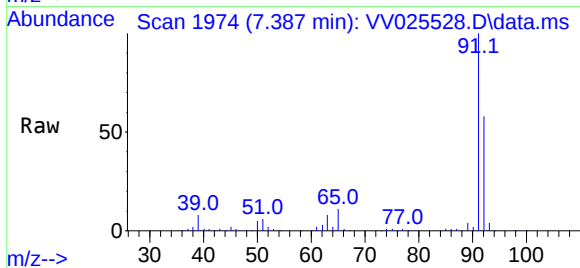
YAZ18MS

Tgt Ion: 91 Resp: 258081

Ion Ratio Lower Upper

91 100

92 58.3 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.770 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV025528.D

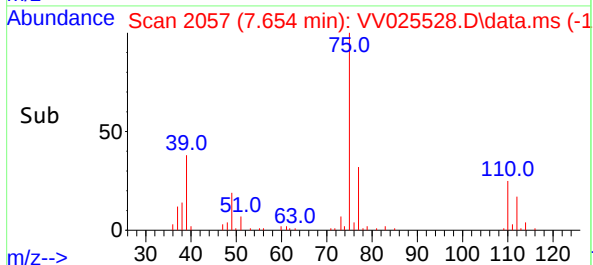
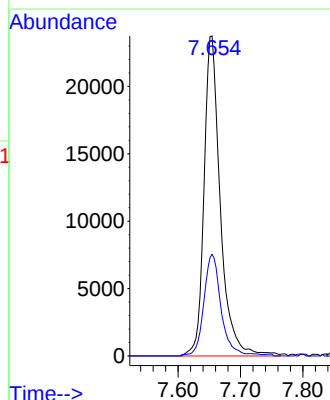
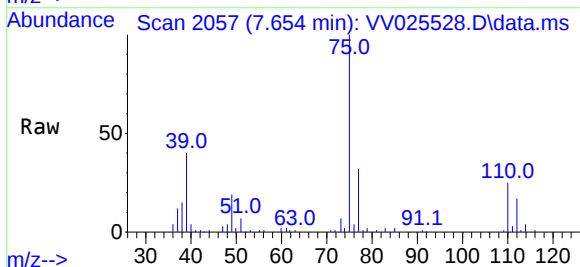
Acq: 14 Apr 2022 06:02

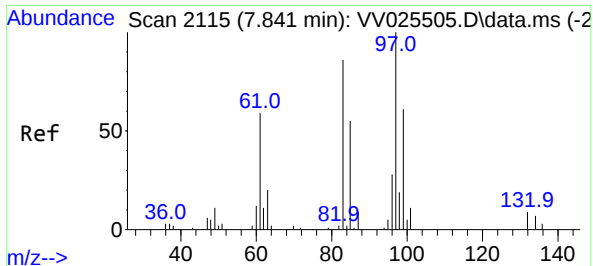
Tgt Ion: 75 Resp: 43226

Ion Ratio Lower Upper

75 100

77 31.8 21.7 40.3





#45

1,1,2-Trichloroethane

Concen: 6.133 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. -0.000 min

Lab File: VV025528.D

Acq: 14 Apr 2022 06:02

Instrument :

MSVOA_V

ClientSampleId :

YAZ18MS

Tgt Ion: 97 Resp: 36553

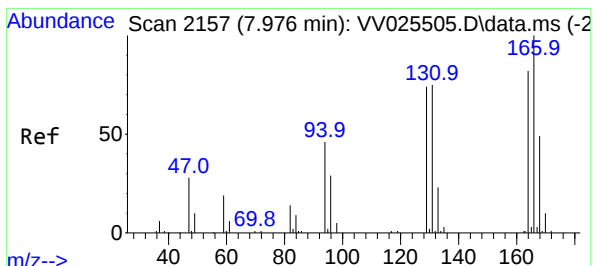
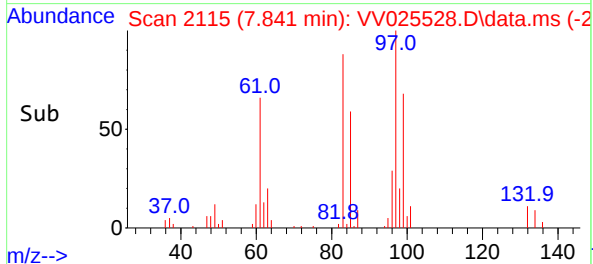
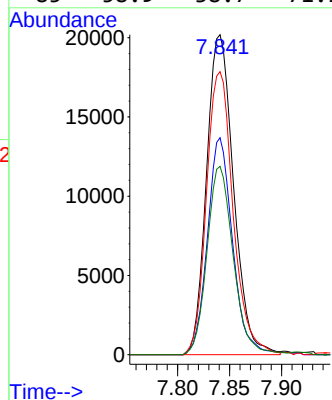
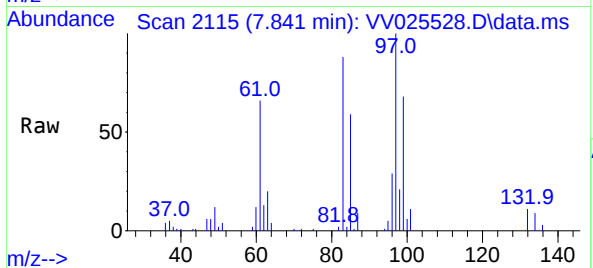
Ion Ratio Lower Upper

97 100

99 67.8 43.8 81.4

83 88.4 60.3 112.1

85 58.9 38.7 71.9



#47

Tetrachloroethene

Concen: 5.521 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV025528.D

Acq: 14 Apr 2022 06:02

Tgt Ion:164 Resp: 44152

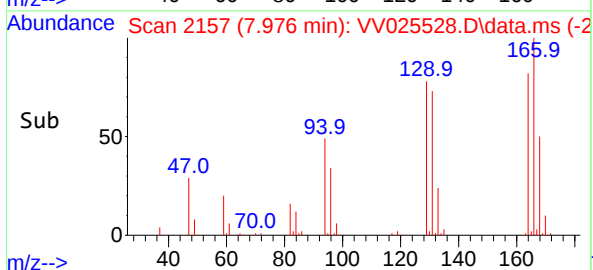
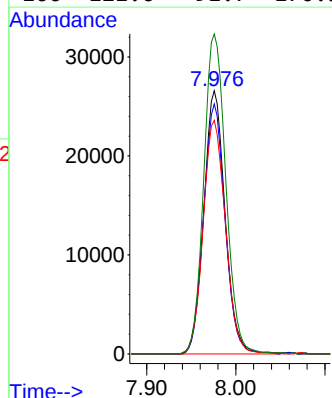
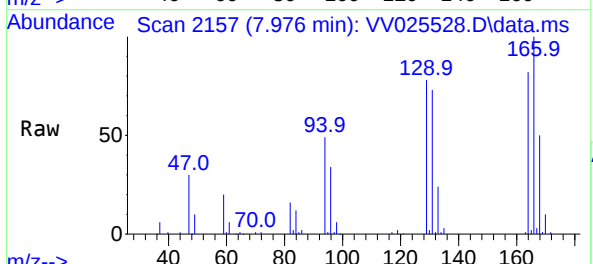
Ion Ratio Lower Upper

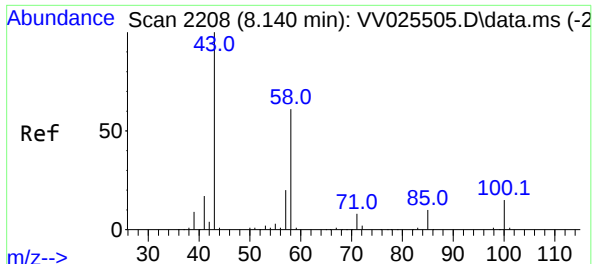
164 100

129 95.0 66.8 124.2

131 88.8 66.4 123.4

166 121.6 91.7 170.3





#48

2-Hexanone

Concen: 69.506 ug/L

RT: 8.140 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV025528.D

Acq: 14 Apr 2022 06:02

Instrument :

MSVOA_V

ClientSampleId :

YAZ18MS

Tgt Ion: 43 Resp: 172623

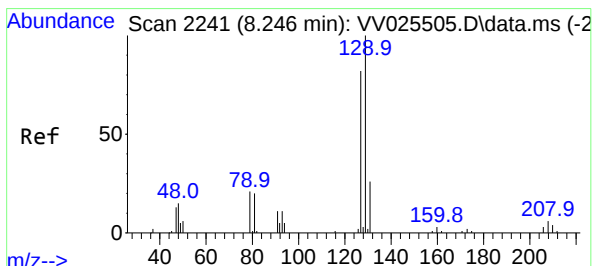
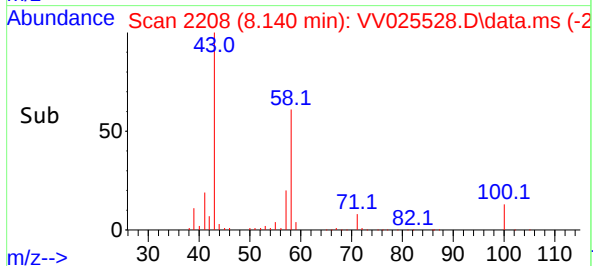
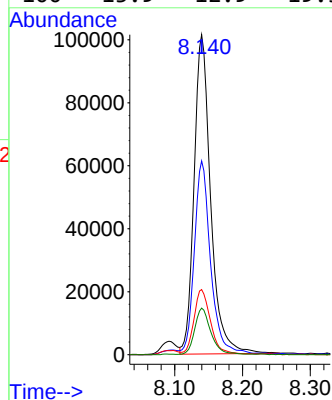
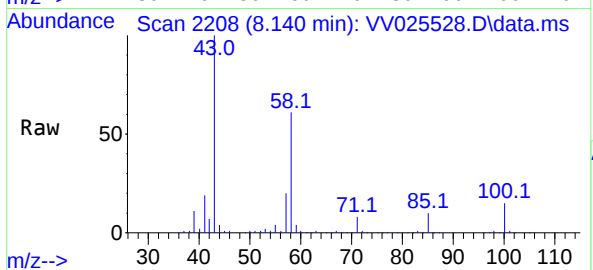
Ion Ratio Lower Upper

43 100

58 58.5 49.7 74.5

57 20.0 16.4 24.6

100 13.9 12.9 19.3



#49

Dibromochloromethane

Concen: 6.043 ug/L

RT: 8.246 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VV025528.D

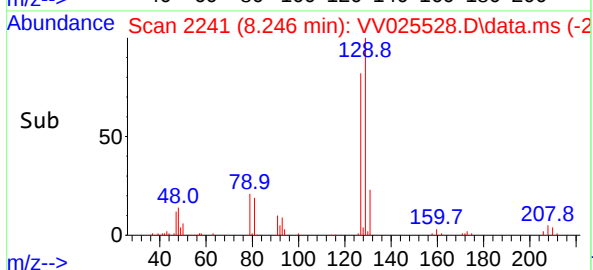
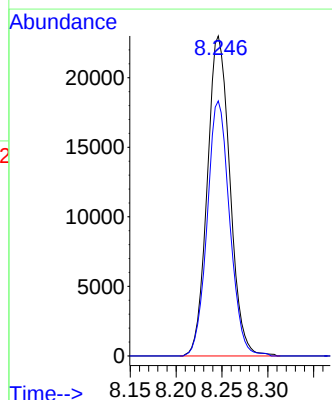
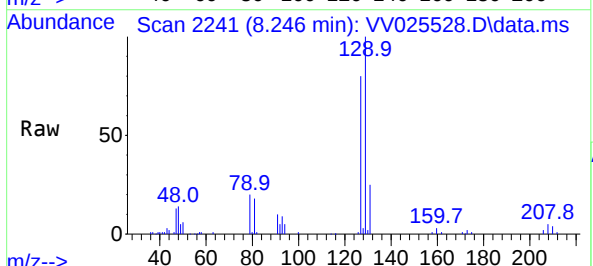
Acq: 14 Apr 2022 06:02

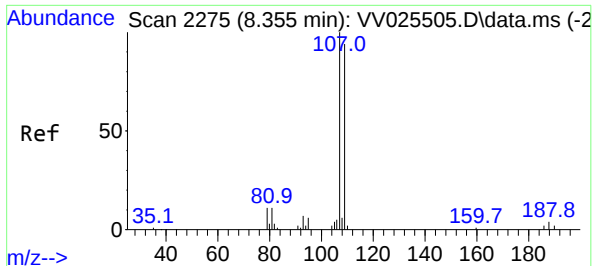
Tgt Ion:129 Resp: 39540

Ion Ratio Lower Upper

129 100

127 79.7 53.8 100.0



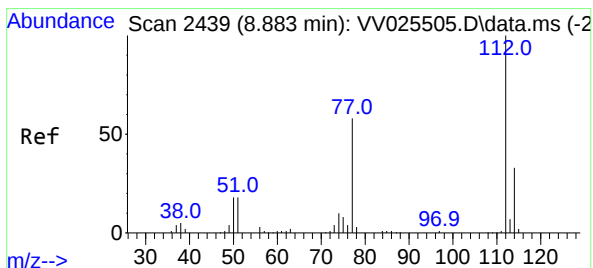
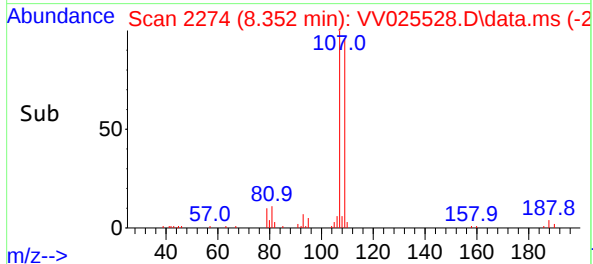
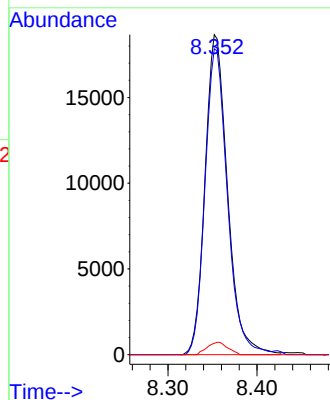
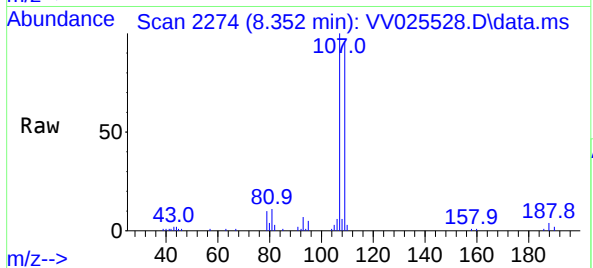


#50
1,2-Dibromoethane
Concen: 5.857 ug/L
RT: 8.352 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV025528.D
Acq: 14 Apr 2022 06:02

Instrument :
MSVOA_V
ClientSampleId :
YAZ18MS

Tgt Ion:107 Resp: 32789

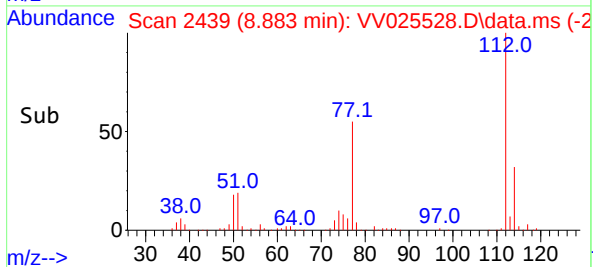
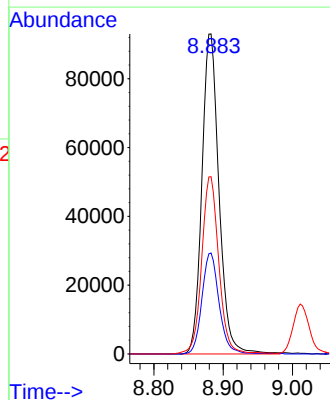
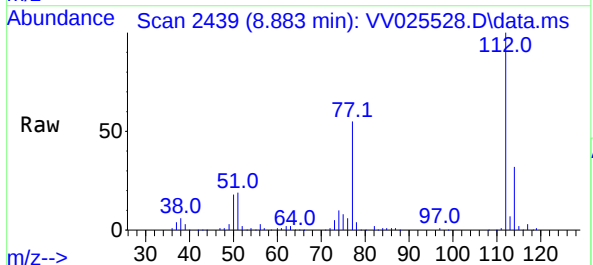
Ion	Ratio	Lower	Upper
107	100		
109	95.6	65.9	122.3
188	3.5	2.7	4.1

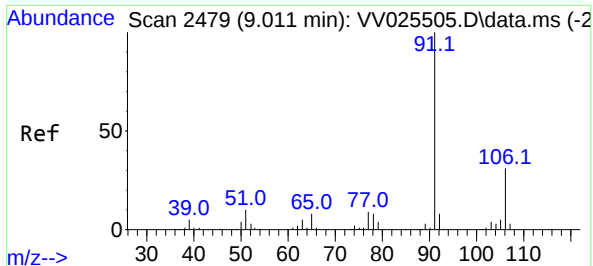


#51
Chlorobenzene
Concen: 5.957 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VV025528.D
Acq: 14 Apr 2022 06:02

Tgt Ion:112 Resp: 159185

Ion	Ratio	Lower	Upper
112	100		
114	31.5	22.4	41.6
77	55.4	43.7	65.5

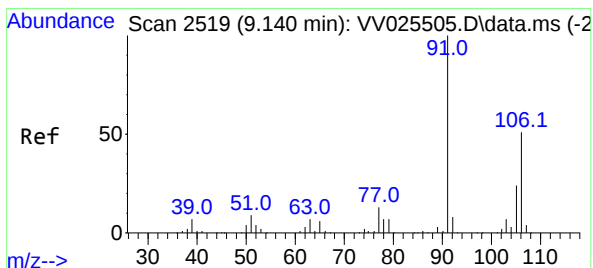
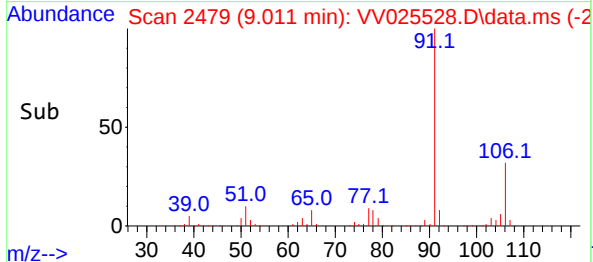
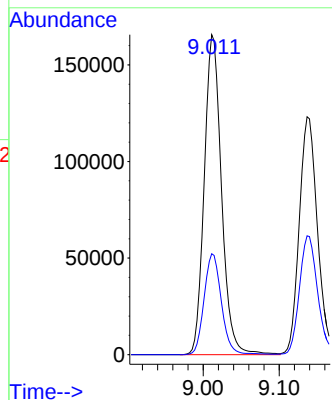
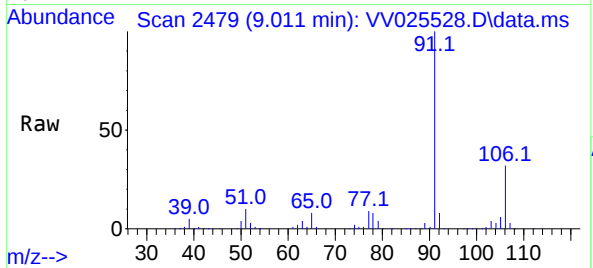




#52
Ethylbenzene
Concen: 5.853 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV025528.D
Acq: 14 Apr 2022 06:02

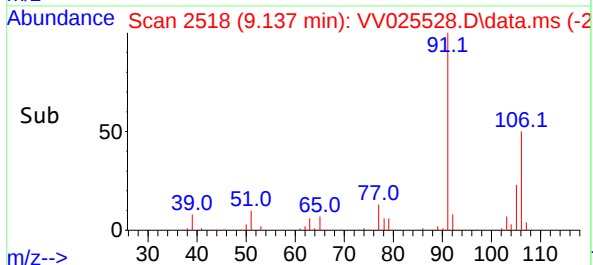
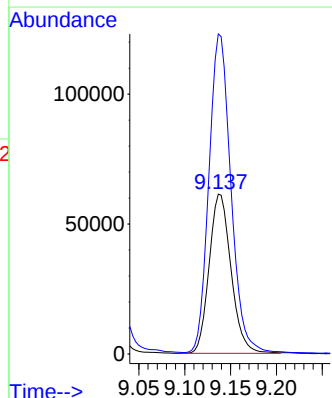
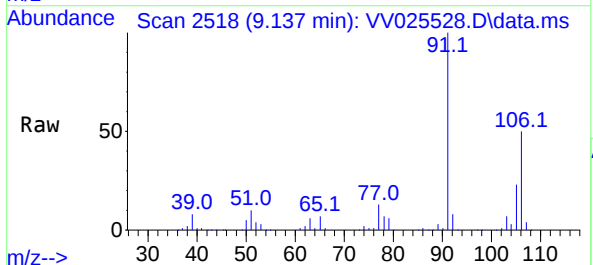
Instrument :
MSVOA_V
ClientSampleId :
YAZ18MS

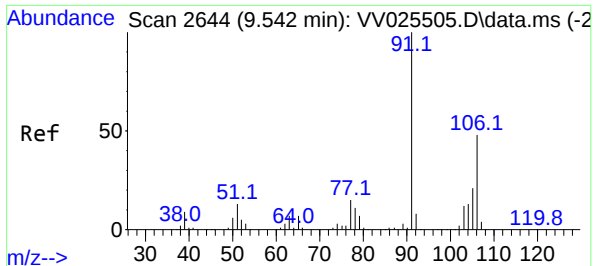
Tgt Ion: 91 Resp: 261245
Ion Ratio Lower Upper
91 100
106 31.6 22.3 41.3



#53
m,p-Xylene
Concen: 5.992 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. -0.003 min
Lab File: VV025528.D
Acq: 14 Apr 2022 06:02

Tgt Ion: 106 Resp: 101684
Ion Ratio Lower Upper
106 100
91 200.2 136.4 253.4

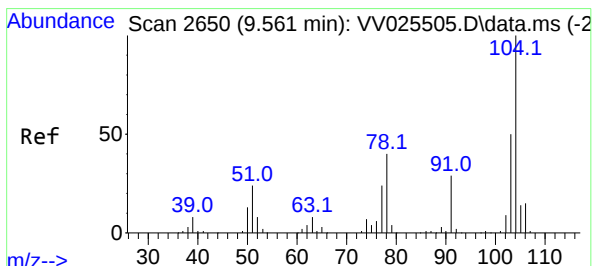
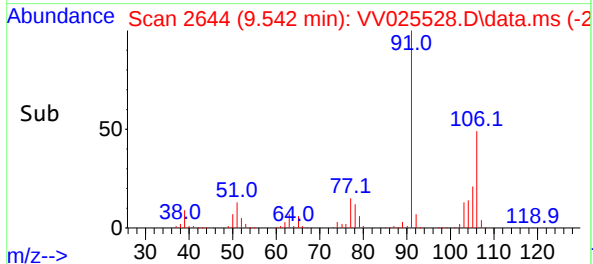
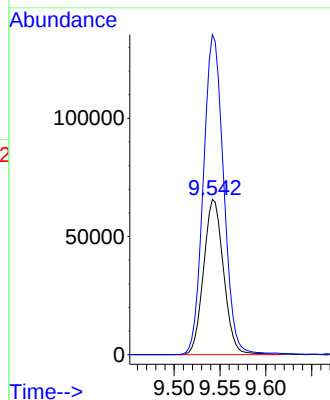
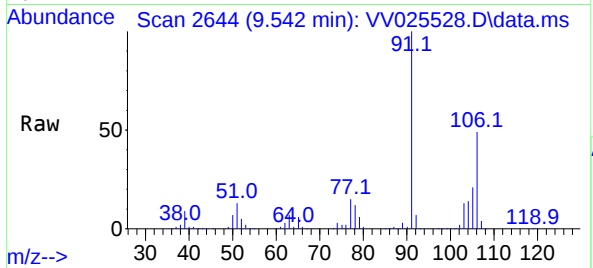




#54
o-Xylene
Concen: 6.050 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV025528.D
Acq: 14 Apr 2022 06:02

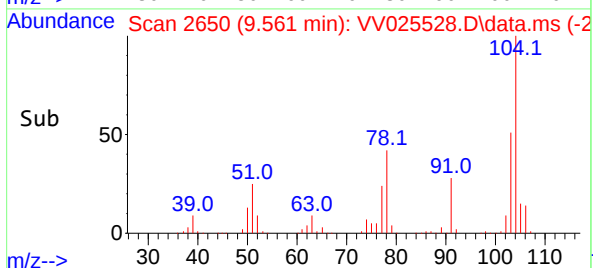
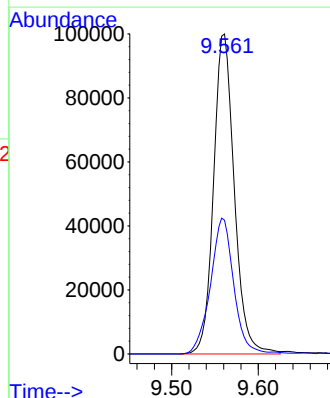
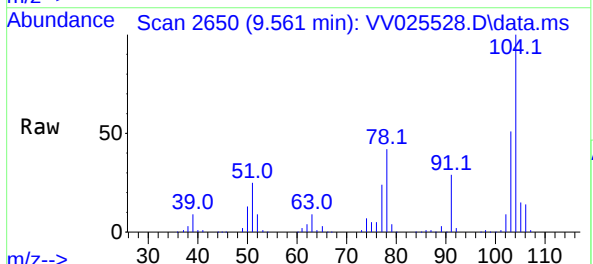
Instrument :
MSVOA_V
ClientSampleId :
YAZ18MS

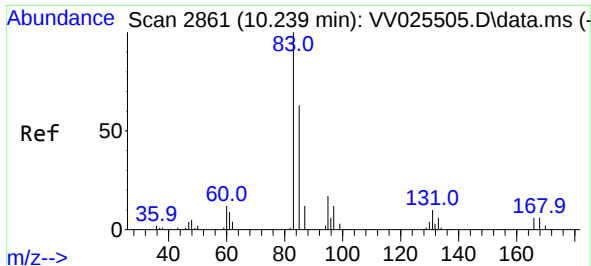
Tgt Ion:106 Resp: 99719
Ion Ratio Lower Upper
106 100
91 206.0 150.4 279.2



#55
Styrene
Concen: 6.216 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV025528.D
Acq: 14 Apr 2022 06:02

Tgt Ion:104 Resp: 166607
Ion Ratio Lower Upper
104 100
78 41.8 28.3 52.7



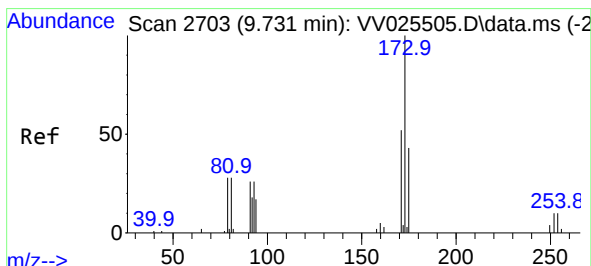
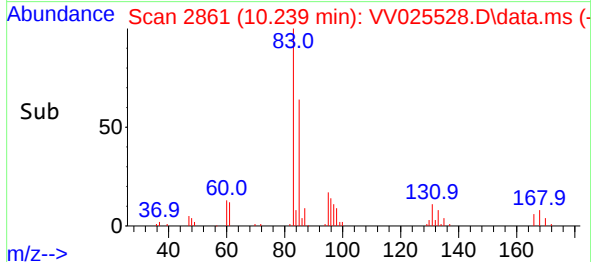
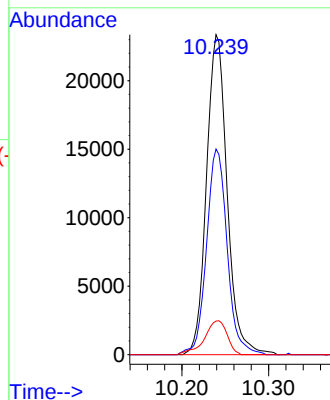
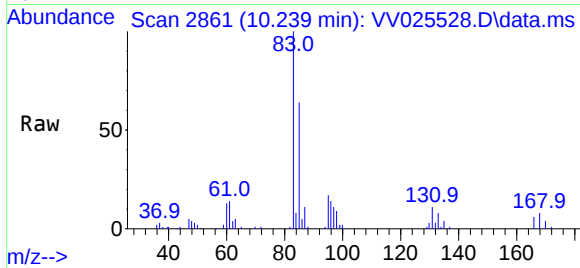


#57
 1,1,2,2-Tetrachloroethane
 Concen: 6.497 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. -0.000 min
 Lab File: VV025528.D
 Acq: 14 Apr 2022 06:02

Instrument :
 MSVOA_V
 ClientSampleId :
 YAZ18MS

Tgt Ion: 83 Resp: 38690

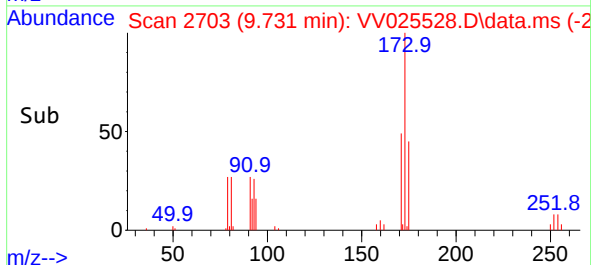
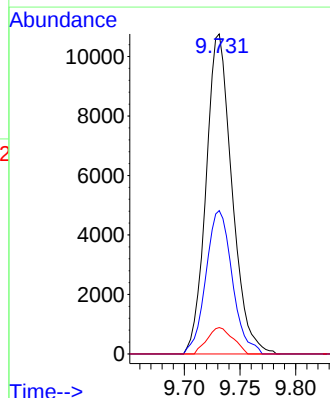
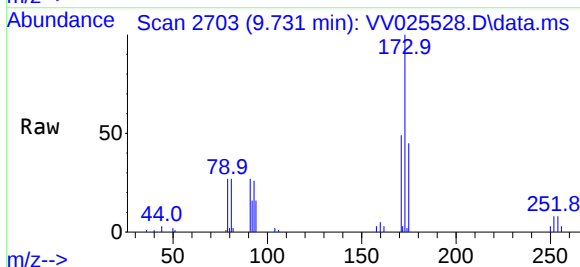
Ion	Ratio	Lower	Upper
83	100		
85	64.2	45.1	83.9
131	10.5	7.9	11.9

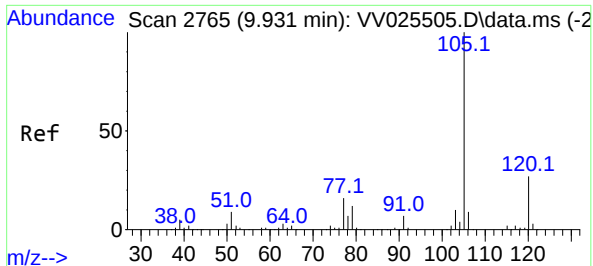


#59
 Bromoform
 Concen: 6.177 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. -0.000 min
 Lab File: VV025528.D
 Acq: 14 Apr 2022 06:02

Tgt Ion: 173 Resp: 17406

Ion	Ratio	Lower	Upper
173	100		
175	45.6	40.8	61.2
254	8.1	7.0	10.6

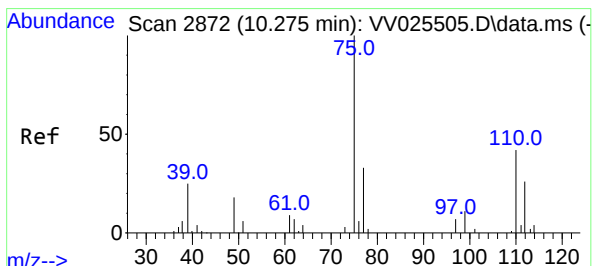
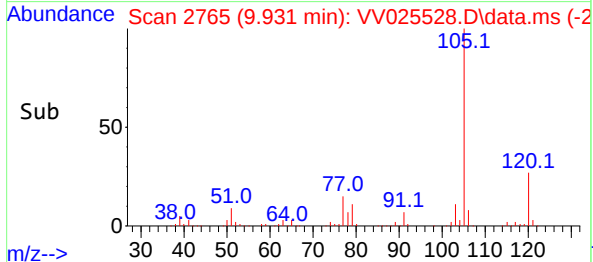
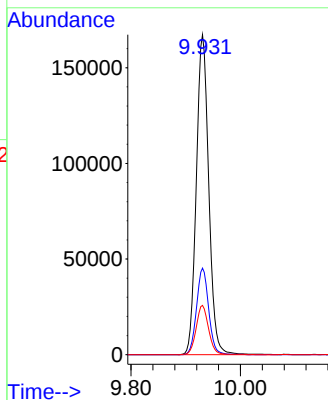
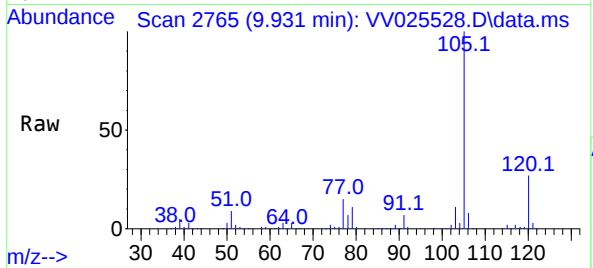




#60
Isopropylbenzene
Concen: 6.231 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV025528.D
Acq: 14 Apr 2022 06:02

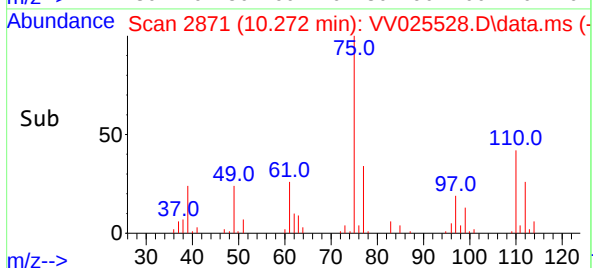
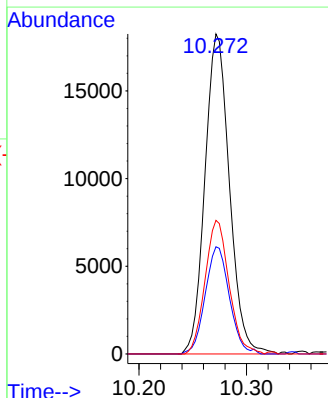
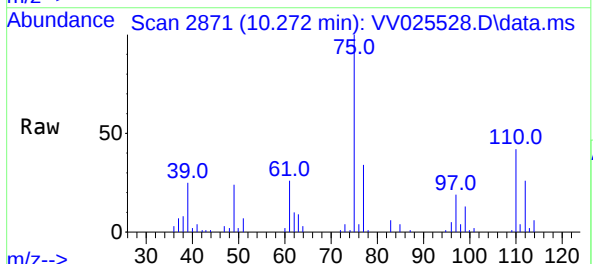
Instrument :
MSVOA_V
ClientSampleId :
YAZ18MS

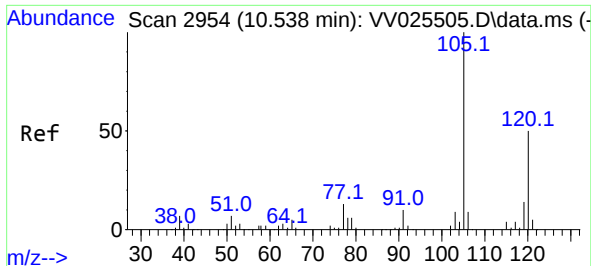
Tgt Ion:105 Resp: 263296
Ion Ratio Lower Upper
105 100
120 26.4 21.2 31.8
77 15.4 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 6.431 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV025528.D
Acq: 14 Apr 2022 06:02

Tgt Ion: 75 Resp: 28913
Ion Ratio Lower Upper
75 100
77 33.0 25.6 38.4
110 40.9 34.7 52.1





#62

1,3,5-Trimethylbenzene

Concen: 5.943 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV025528.D

Acq: 14 Apr 2022 06:02

Instrument :

MSVOA_V

ClientSampleId :

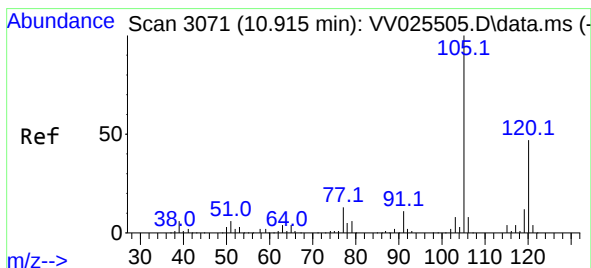
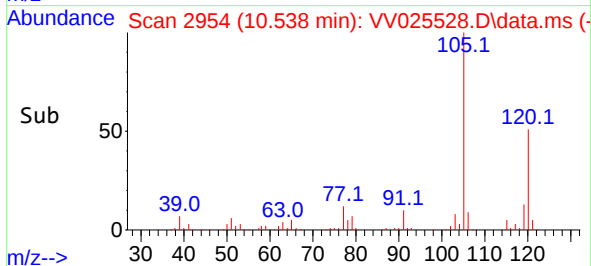
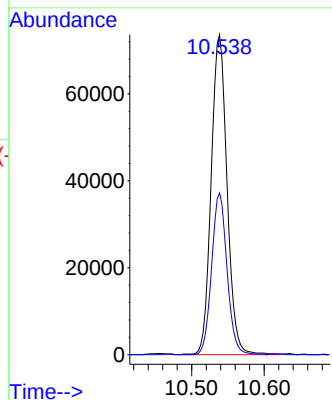
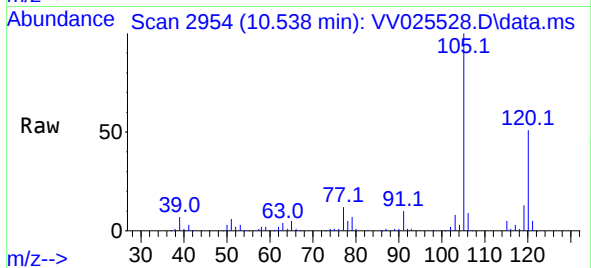
YAZ18MS

Tgt Ion:105 Resp: 111980

Ion Ratio Lower Upper

105 100

120 49.0 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 6.086 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.003 min

Lab File: VV025528.D

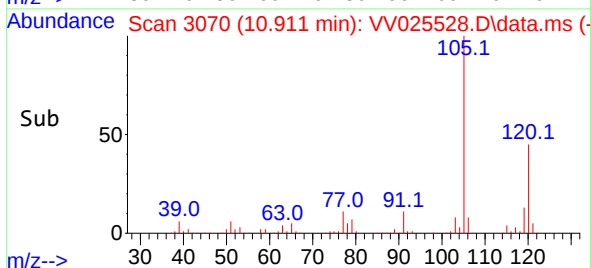
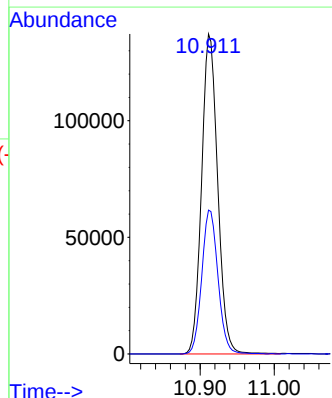
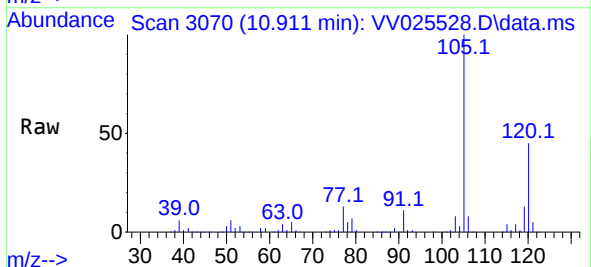
Acq: 14 Apr 2022 06:02

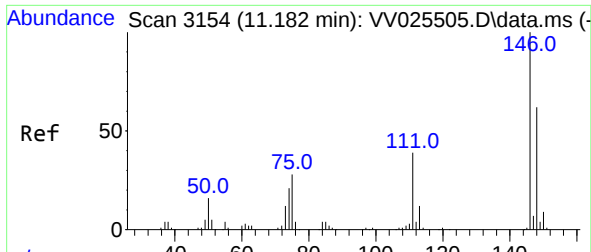
Tgt Ion:105 Resp: 206626

Ion Ratio Lower Upper

105 100

120 45.2 36.6 55.0

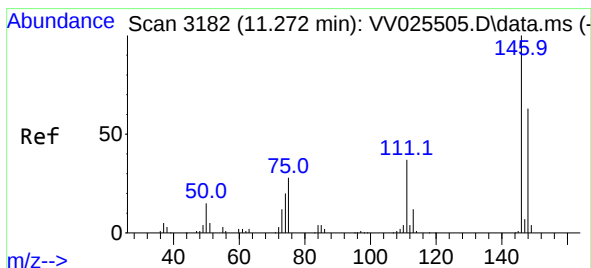
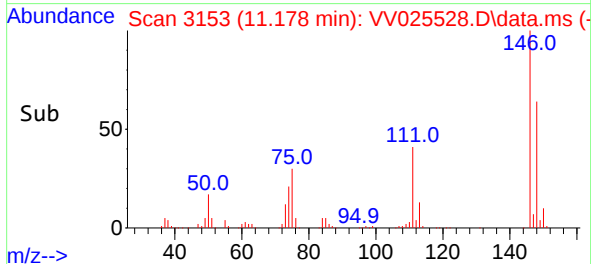
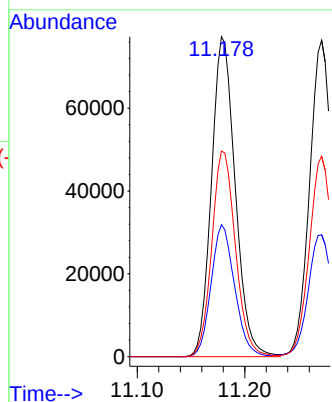
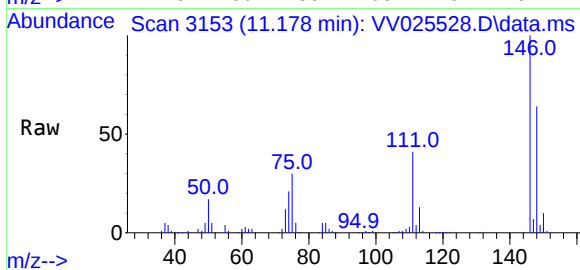




#64
1,3-Dichlorobenzene
Concen: 6.009 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.003 min
Lab File: VV025528.D
Acq: 14 Apr 2022 06:02

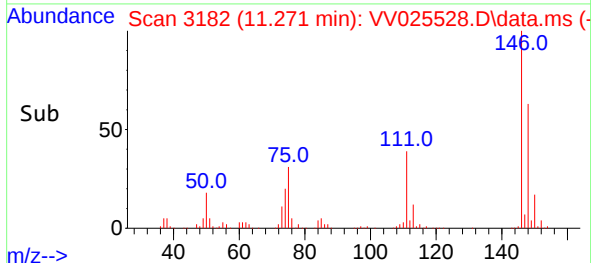
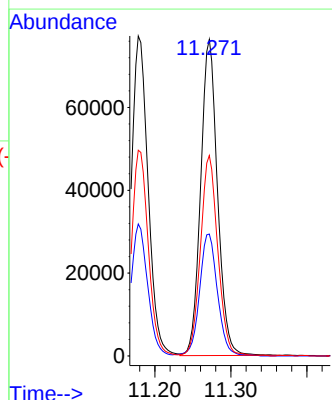
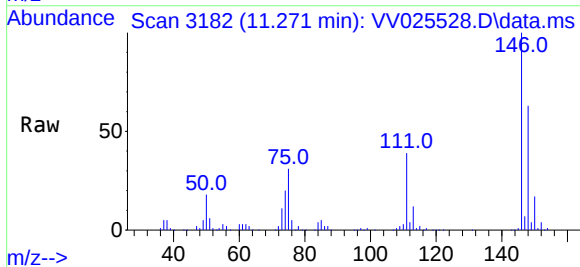
Instrument :
MSVOA_V
ClientSampleId :
YAZ18MS

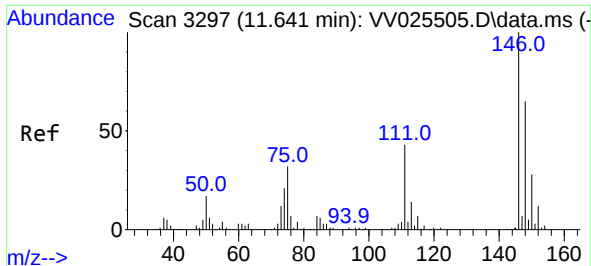
Tgt Ion:146 Resp: 118519
Ion Ratio Lower Upper
146 100
111 41.3 27.4 50.8
148 64.3 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 5.869 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV025528.D
Acq: 14 Apr 2022 06:02

Tgt Ion:146 Resp: 117517
Ion Ratio Lower Upper
146 100
111 38.5 26.7 49.7
148 63.3 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 6.049 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. -0.000 min

Lab File: VV025528.D

Acq: 14 Apr 2022 06:02

Instrument :

MSVOA_V

ClientSampleId :

YAZ18MS

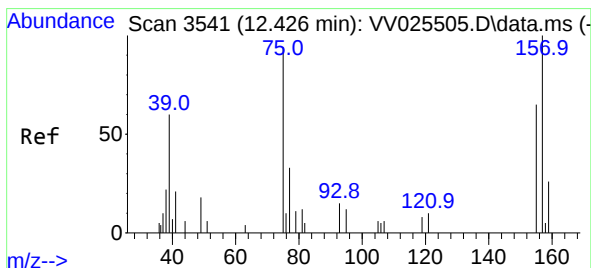
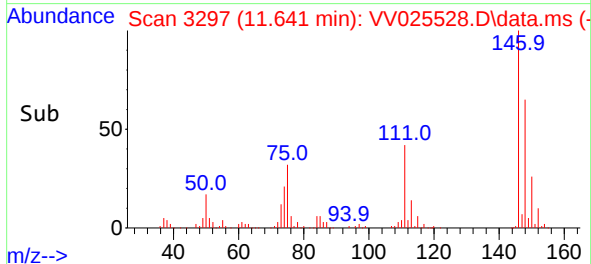
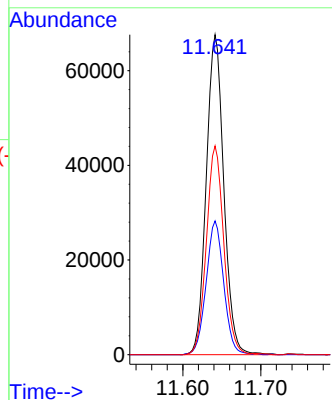
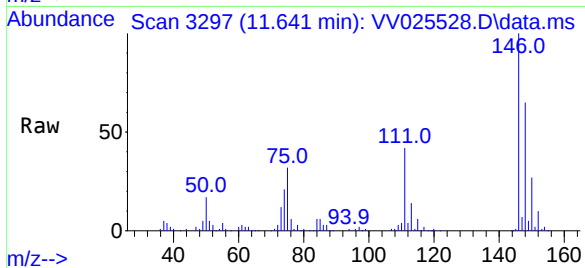
Tgt Ion:146 Resp: 105660

Ion Ratio Lower Upper

146 100

111 41.8 33.6 50.4

148 65.3 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 6.647 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.000 min

Lab File: VV025528.D

Acq: 14 Apr 2022 06:02

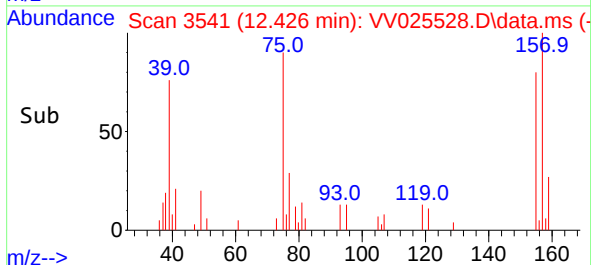
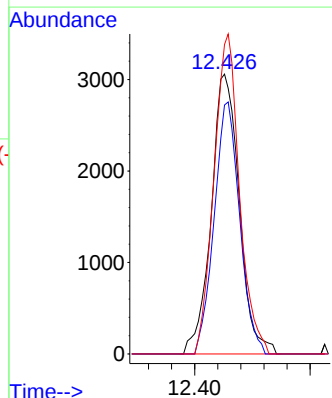
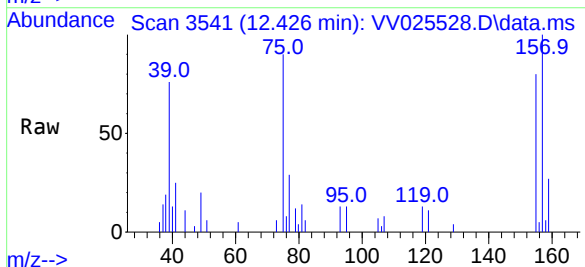
Tgt Ion: 75 Resp: 5167

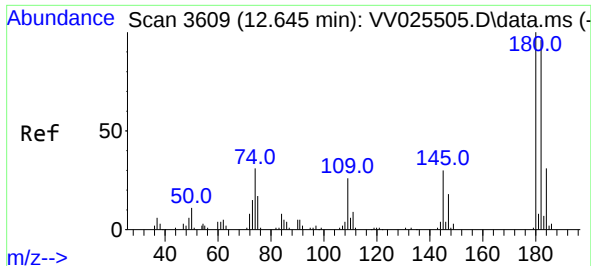
Ion Ratio Lower Upper

75 100

155 89.0 65.8 98.8

157 110.6 86.6 130.0

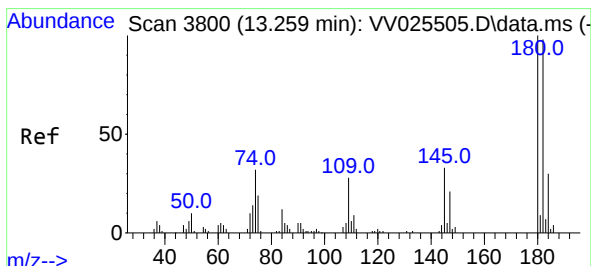
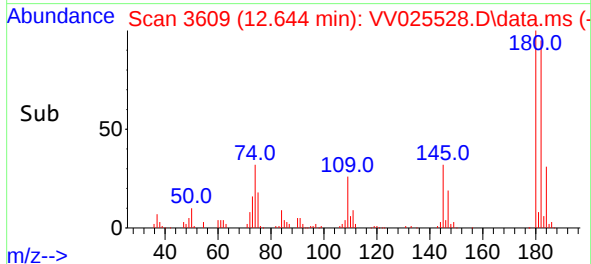
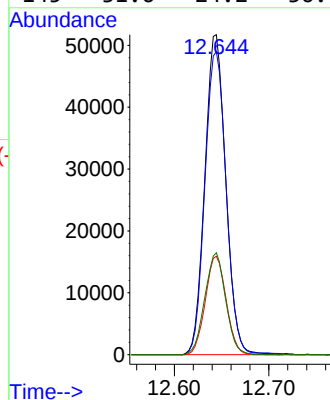
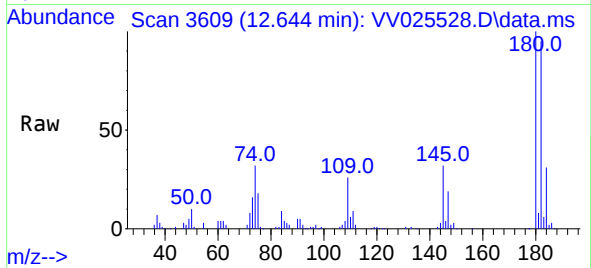




#69
1,3,5-Trichlorobenzene
Concen: 5.300 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. -0.000 min
Lab File: VV025528.D
Acq: 14 Apr 2022 06:02

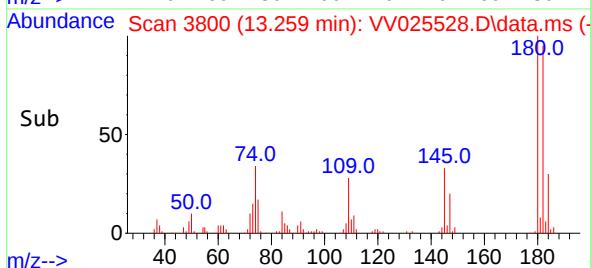
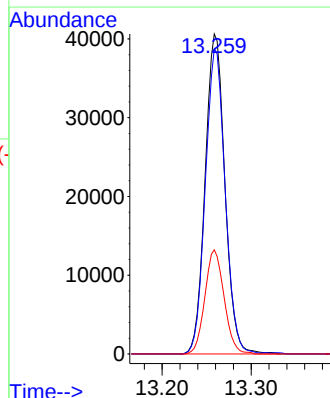
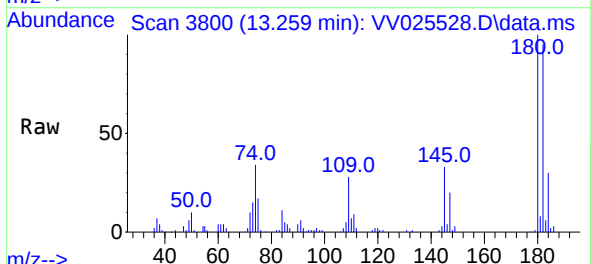
Instrument :
MSVOA_V
ClientSampleId :
YAZ18MS

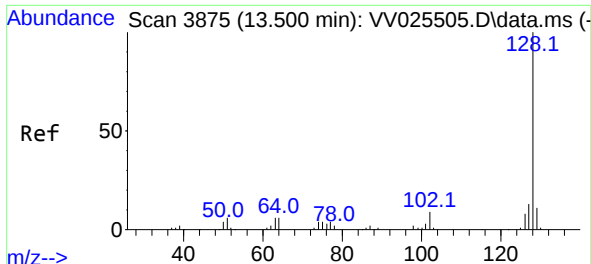
Tgt Ion:180	Resp:	79540
Ion Ratio	Lower	Upper
180	100	
182	96.5	75.3 112.9
184	30.7	23.4 35.2
145	31.6	24.2 36.4



#70
1,2,4-trichlorobenzene
Concen: 5.405 ug/L
RT: 13.259 min Scan# 3800
Delta R.T. -0.000 min
Lab File: VV025528.D
Acq: 14 Apr 2022 06:02

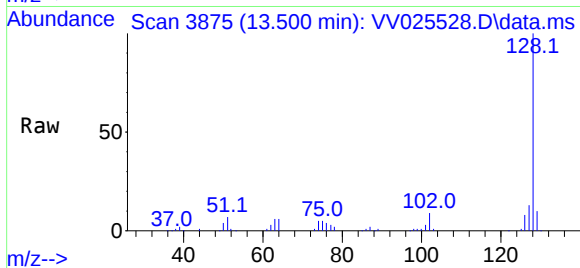
Tgt Ion:180	Resp:	62524
Ion Ratio	Lower	Upper
180	100	
182	95.5	76.6 114.8
145	31.7	24.6 36.8



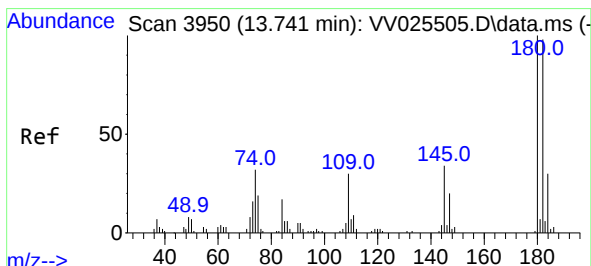
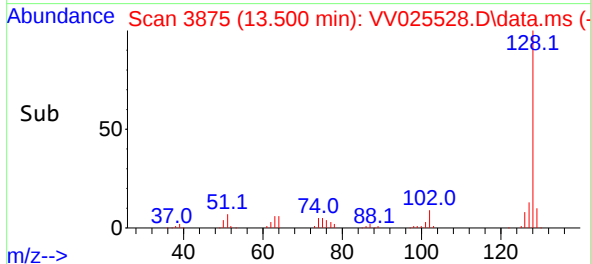
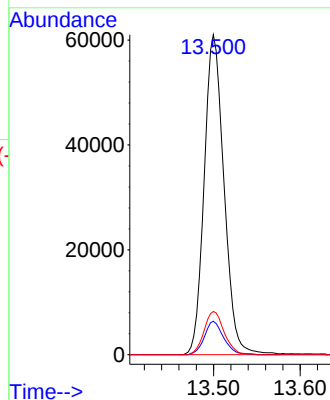


#71
Naphthalene
Concen: 5.719 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV025528.D
Acq: 14 Apr 2022 06:02

Instrument :
MSVOA_V
ClientSampleId :
YAZ18MS



Tgt Ion:	128	Resp:	97062
Ion	Ratio	Lower	Upper
128	100		
129	10.1	8.8	13.2
127	13.7	10.4	15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.743 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV025528.D
Acq: 14 Apr 2022 06:02

Tgt Ion:	180	Resp:	55010
Ion	Ratio	Lower	Upper
180	100		
182	93.6	77.7	116.5
145	35.0	27.4	41.2

