

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011422\
 Data File : VW024359.D
 Acq On : 14 Jan 2022 12:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 17 07:18:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 13 02:28:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	210721	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	200490	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	115767	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	72178	47.594	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.180%
7) Chloroethane-d5	1.568	69	58750	50.996	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.000%
11) 1,1-Dichloroethene-d2	2.108	63	142823	50.390	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.780%
21) 2-Butanone-d5	3.876	46	101388	119.996	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.000%
24) Chloroform-d	4.343	84	159917	57.696	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.400%
26) 1,2-Dichloroethane-d4	5.024	65	103254	55.641	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.280%
32) Benzene-d6	5.044	84	296021	56.580	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.160%
36) 1,2-Dichloropropane-d6	6.066	67	85061	58.012	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	116.020%
41) Toluene-d8	7.310	98	289554	57.160	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.320%
43) trans-1,3-Dichloroprop...	7.616	79	47960	56.803	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	113.600%
47) 2-Hexanone-d5	8.082	63	73593	115.524	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.520%
56) 1,1,2,2-Tetrachloroeth...	10.211	84	120567	57.538	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	115.080%
66) 1,2-Dichlorobenzene-d4	11.622	152	127616	55.304	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.131	85	75047	44.145	ug/L	99
3) Chloromethane	1.243	50	67601	47.331	ug/L	98
5) Vinyl chloride	1.311	62	74572	49.345	ug/L	96
6) Bromomethane	1.523	94	49354	57.311	ug/L	95
8) Chloroethane	1.584	64	45233	48.492	ug/L	99
9) Trichlorofluoromethane	1.751	101	137237	50.520	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	73043	55.019	ug/L	99
12) 1,1-Dichloroethene	2.118	96	64737	50.436	ug/L	89
13) Acetone	2.172	43	106664	127.861	ug/L	99
14) Carbon disulfide	2.294	76	156243	41.924	ug/L	100
15) Methyl Acetate	2.430	43	64826	53.428	ug/L	100
16) Methylene chloride	2.503	84	73359	52.483	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	67032	50.681	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	227444	55.796	ug/L	99
19) 1,1-Dichloroethane	3.185	63	122526	55.852	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	77155	54.620	ug/L	100
22) 2-Butanone	3.960	43	110844	125.084	ug/L	93
23) Bromochloromethane	4.243	128	44929	55.201	ug/L	96
25) Chloroform	4.368	83	166345	64.853	ug/L	99

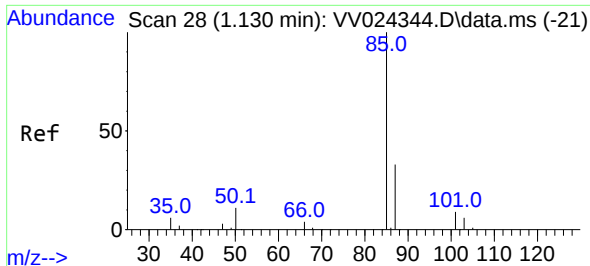
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 QLast Update : Thu Jan 13 02:28:22 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	109947	52.701	ug/L	97
29) Cyclohexane	4.674	56	95133	53.082	ug/L	97
30) 1,1,1-Trichloroethane	4.603	97	134741	54.621	ug/L	98
31) Carbon tetrachloride	4.822	117	119975	52.424	ug/L	98
33) Benzene	5.095	78	279362	54.799	ug/L	100
34) Trichloroethene	5.908	95	78540	55.868	ug/L	99
35) Methylcyclohexane	6.127	83	109007	52.283	ug/L	96
37) 1,2-Dichloropropane	6.169	63	68886	57.449	ug/L	99
38) Bromodichloromethane	6.503	83	108228	57.519	ug/L	100
39) cis-1,3-Dichloropropene	7.021	75	110519	54.831	ug/L	97
40) 4-Methyl-2-pentanone	7.220	43	183692	117.481	ug/L	99
42) Toluene	7.384	91	318170	55.599	ug/L	100
44) trans-1,3-Dichloropropene	7.645	75	115823	56.646	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	76019	56.552	ug/L	98
46) Tetrachloroethene	7.973	164	68041	53.176	ug/L	98
48) 2-Hexanone	8.133	43	155477	123.801	ug/L	99
49) Dibromochloromethane	8.243	129	93315	55.381	ug/L	98
50) 1,2-Dibromoethane	8.346	107	81243	56.270	ug/L	97
51) Chlorobenzene	8.876	112	212988	55.258	ug/L	100
52) Ethylbenzene	9.008	91	342519	56.026	ug/L	99
53) m,p-Xylene	9.133	106	139657	56.991	ug/L	97
54) o-Xylene	9.542	106	133568	57.099	ug/L	99
55) Styrene	9.558	104	239893	59.054	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	107934	54.988	ug/L	99
59) Bromoform	9.728	173	68492	51.885	ug/L	99
60) Isopropylbenzene	9.928	105	362382	56.569	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	91426	53.783	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	310612	56.368	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	314644	57.195	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	187263	56.695	ug/L	100
65) 1,4-Dichlorobenzene	11.272	146	189159	55.532	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	185535	54.503	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	24308	49.649	ug/L	94
69) 1,3,5-Trichlorobenzene	12.645	180	141489	55.691	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	121773	56.044	ug/L	98
71) Naphthalene	13.500	128	348339	55.412	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	125669	55.961	ug/L	100

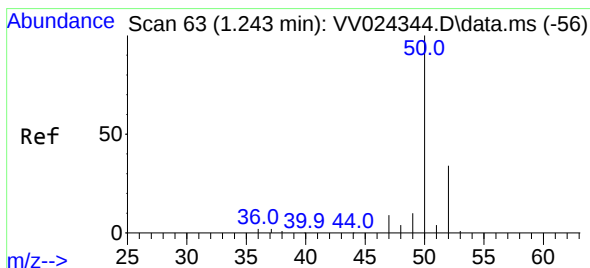
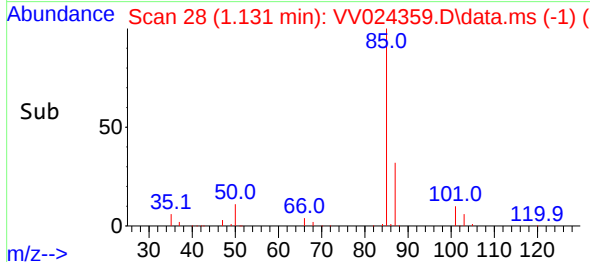
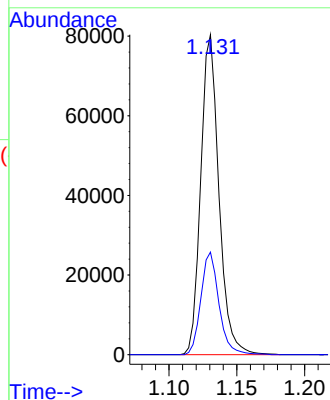
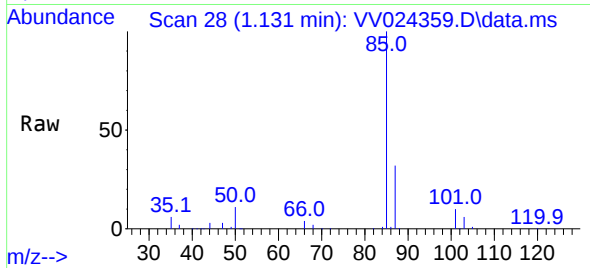
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 44.145 ug/L
 RT: 1.131 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV024359.D
 Acq: 14 Jan 2022 12:49

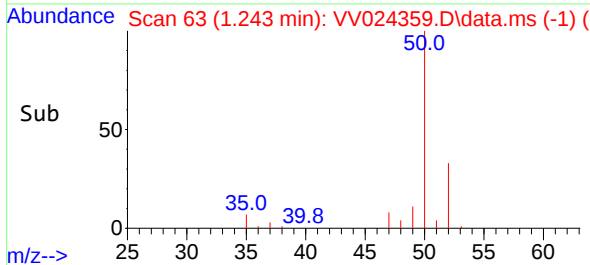
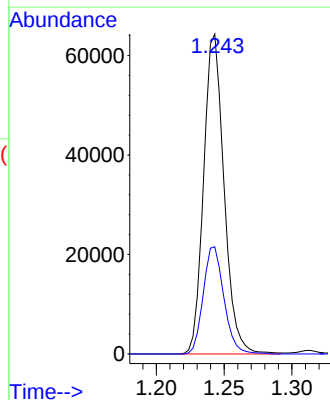
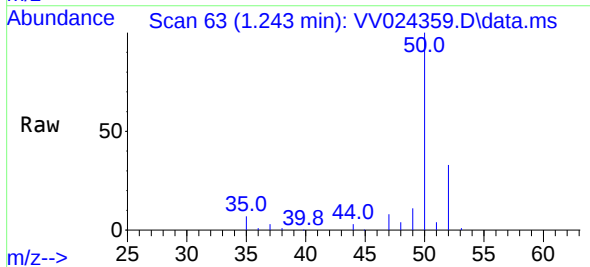
Instrument :
 MSVOA_V
 ClientSampleId :

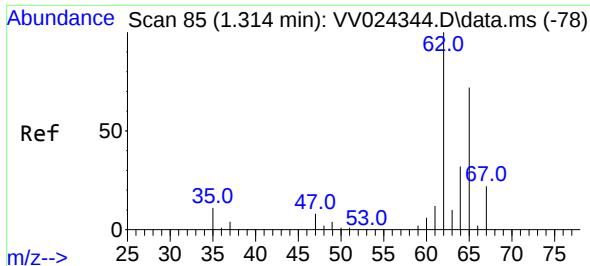
Tgt Ion: 85 Resp: 75047
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.8 38.8



#3
 Chloromethane
 Concen: 47.331 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV024359.D
 Acq: 14 Jan 2022 12:49

Tgt Ion: 50 Resp: 67601
 Ion Ratio Lower Upper
 50 100
 52 33.5 24.1 44.7

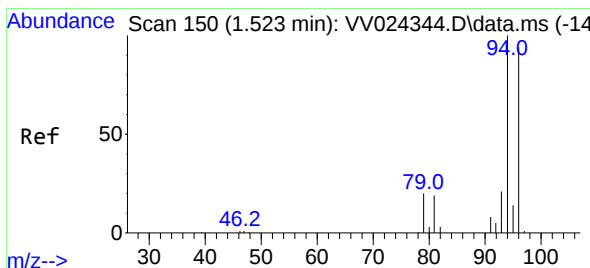
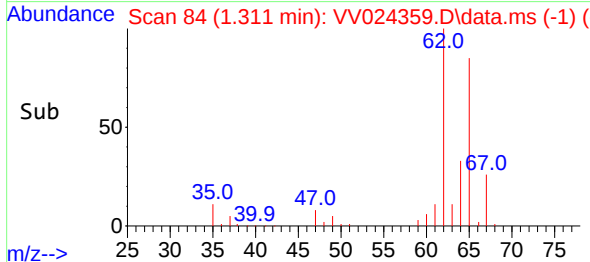
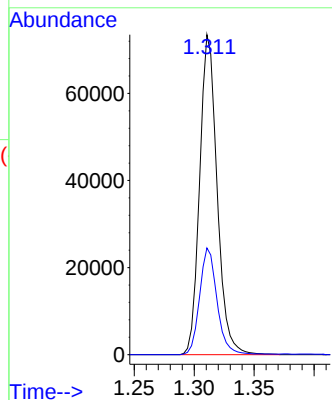
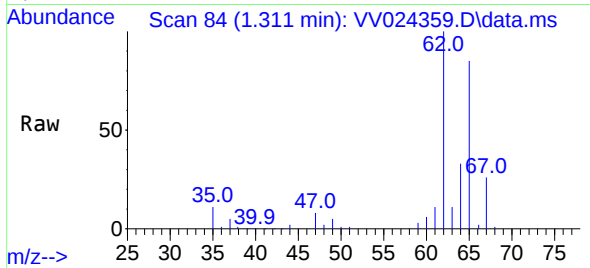




#5
 Vinyl chloride
 Concen: 49.345 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV024359.D
 Acq: 14 Jan 2022 12:49

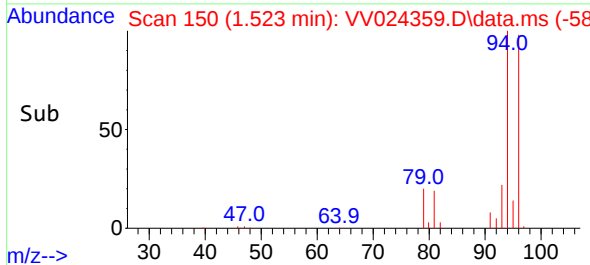
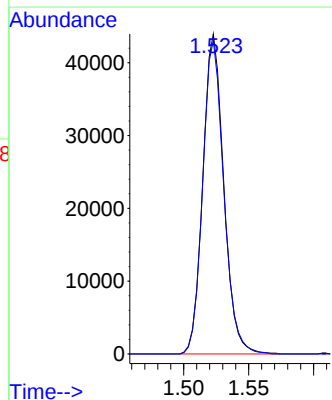
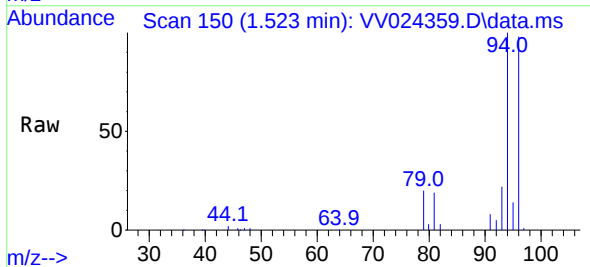
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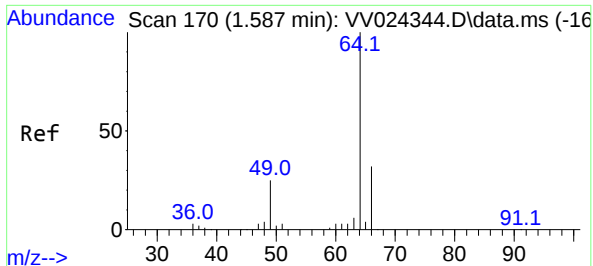
Tgt Ion: 62 Resp: 74572
 Ion Ratio Lower Upper
 62 100
 64 33.3 25.0 46.4



#6
 Bromomethane
 Concen: 57.311 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.003 min
 Lab File: VV024359.D
 Acq: 14 Jan 2022 12:49

Tgt Ion: 94 Resp: 49354
 Ion Ratio Lower Upper
 94 100
 96 97.9 65.0 120.6

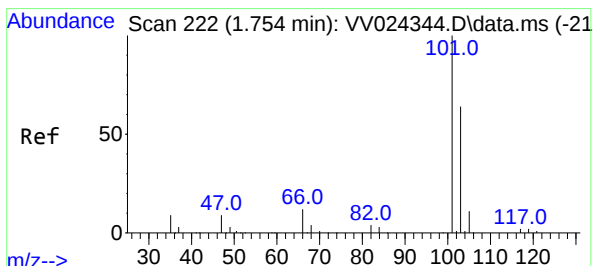
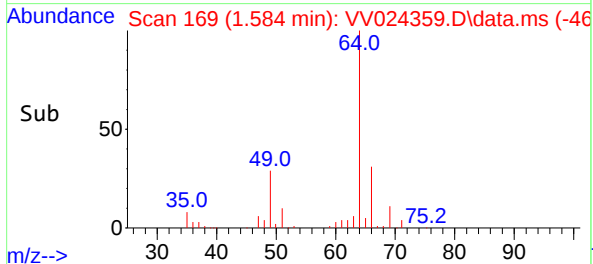
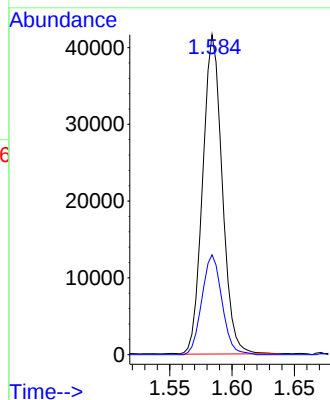
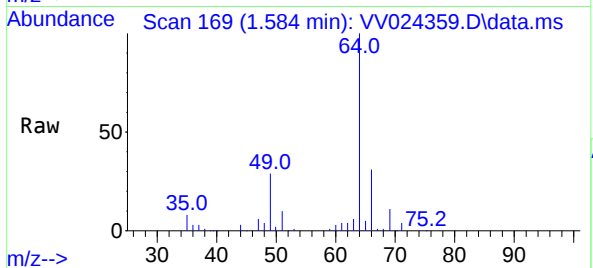




#8
Chloroethane
Concen: 48.492 ug/L
RT: 1.584 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV024359.D
Acq: 14 Jan 2022 12:49

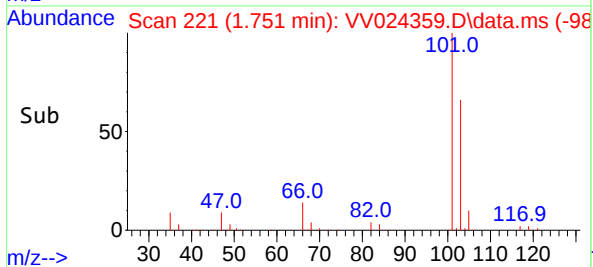
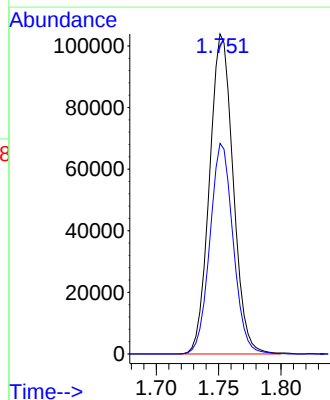
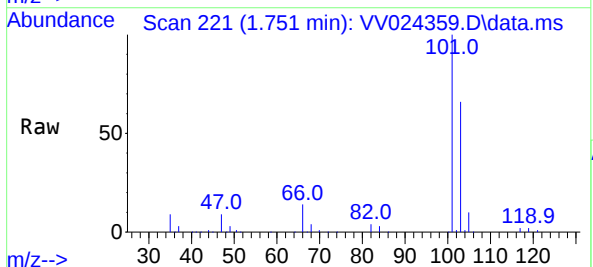
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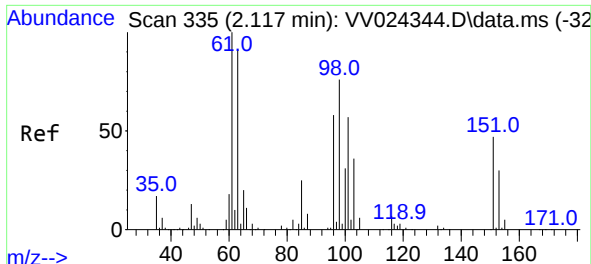
Tgt Ion: 64 Resp: 45233
Ion Ratio Lower Upper
64 100
66 31.2 21.4 39.8



#9
Trichlorofluoromethane
Concen: 50.520 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV024359.D
Acq: 14 Jan 2022 12:49

Tgt Ion:101 Resp: 137237
Ion Ratio Lower Upper
101 100
103 64.6 52.0 78.0

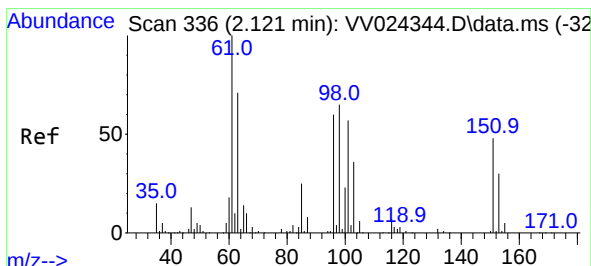
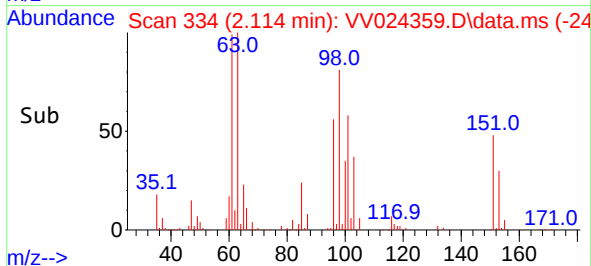
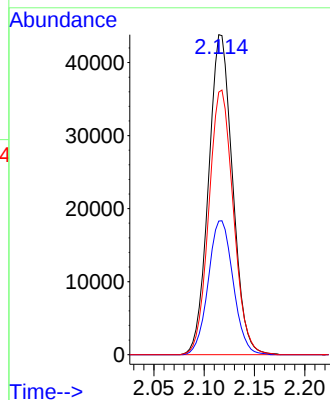
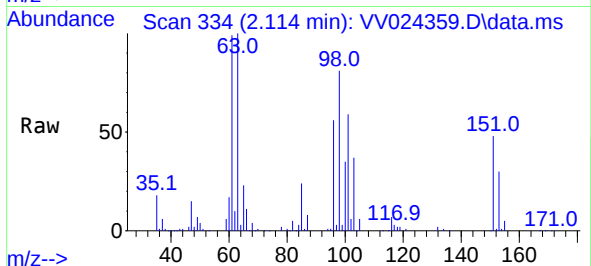




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 55.019 ug/L
RT: 2.114 min Scan# 311
Delta R.T. -0.006 min
Lab File: VV024359.D
Acq: 14 Jan 2022 12:49

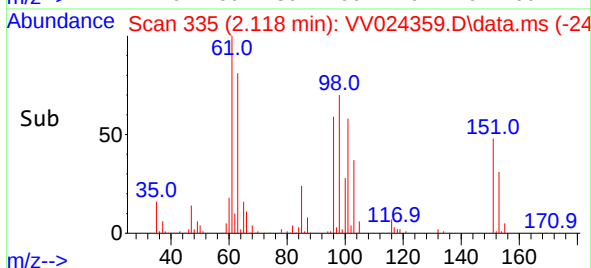
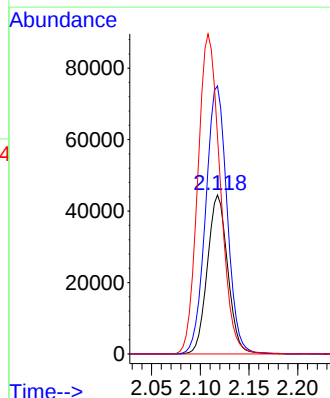
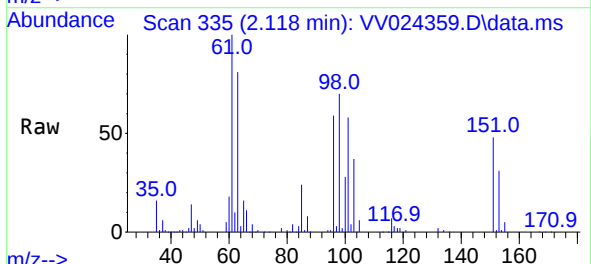
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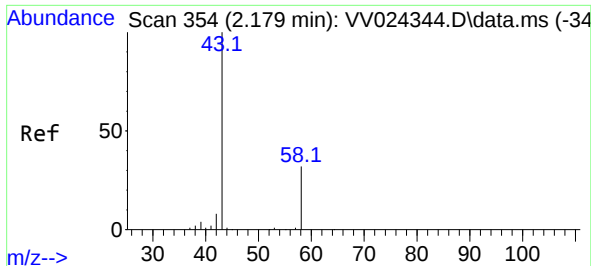
Tgt Ion:101 Resp: 73043
Ion Ratio Lower Upper
101 100
85 43.3 35.3 52.9
151 84.2 67.1 100.7



#12
1,1-Dichloroethene
Concen: 50.436 ug/L
RT: 2.118 min Scan# 335
Delta R.T. -0.003 min
Lab File: VV024359.D
Acq: 14 Jan 2022 12:49

Tgt Ion: 96 Resp: 64737
Ion Ratio Lower Upper
96 100
61 168.4 111.9 207.9
63 136.9 82.7 153.5





#13

Acetone

Concen: 127.861 ug/L

RT: 2.172 min Scan# 3

Delta R.T. -0.010 min

Lab File: VV024359.D

Acq: 14 Jan 2022 12:49

Instrument :

MSVOA_V

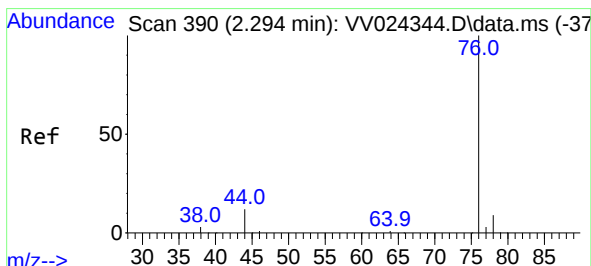
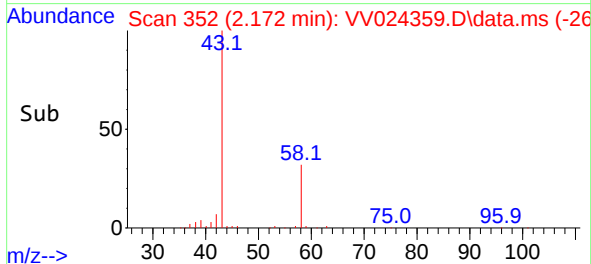
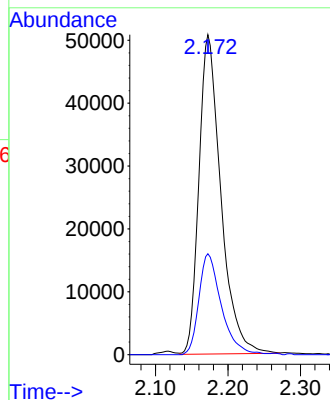
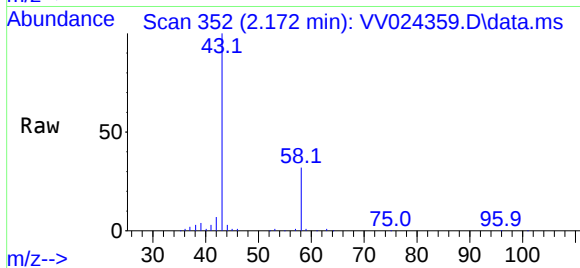
ClientSampleId :

Tgt Ion: 43 Resp: 106664

Ion Ratio Lower Upper

43 100

58 32.0 0.0 63.0



#14

Carbon disulfide

Concen: 41.924 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.003 min

Lab File: VV024359.D

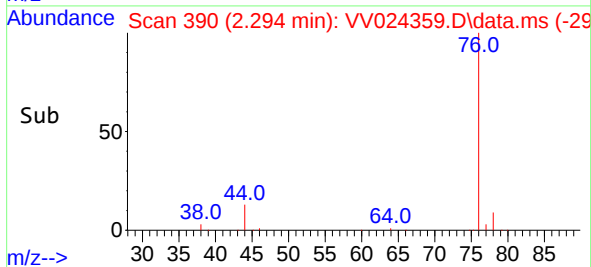
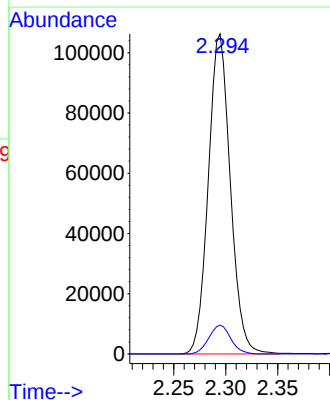
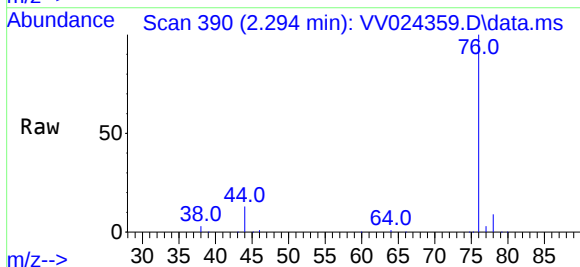
Acq: 14 Jan 2022 12:49

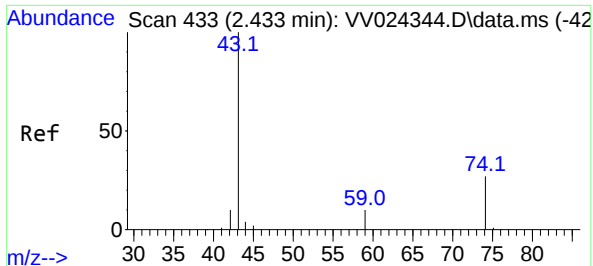
Tgt Ion: 76 Resp: 156243

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8





#15

Methyl Acetate

Concen: 53.428 ug/L

RT: 2.430 min Scan# 41

Delta R.T. -0.003 min

Lab File: VV024359.D

Acq: 14 Jan 2022 12:49

Instrument :

MSVOA_V

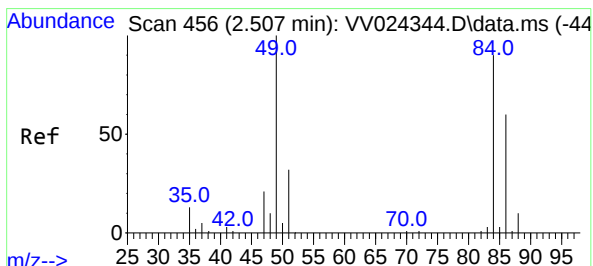
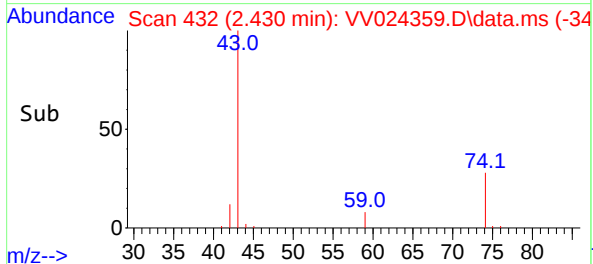
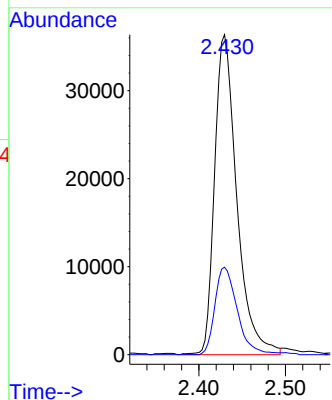
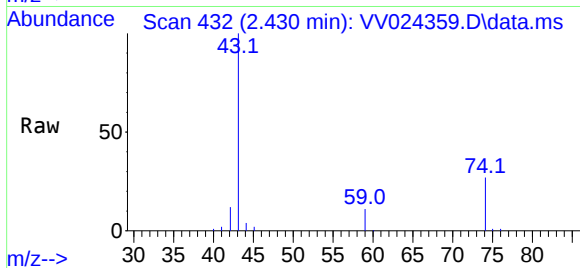
ClientSampleId :

Tgt Ion: 43 Resp: 64826

Ion Ratio Lower Upper

43 100

74 27.5 21.8 32.8



#16

Methylene chloride

Concen: 52.483 ug/L

RT: 2.503 min Scan# 455

Delta R.T. -0.003 min

Lab File: VV024359.D

Acq: 14 Jan 2022 12:49

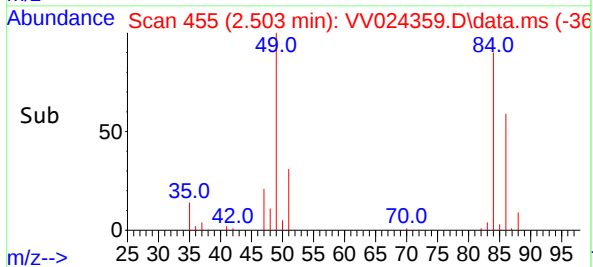
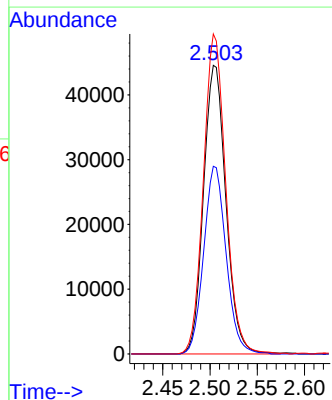
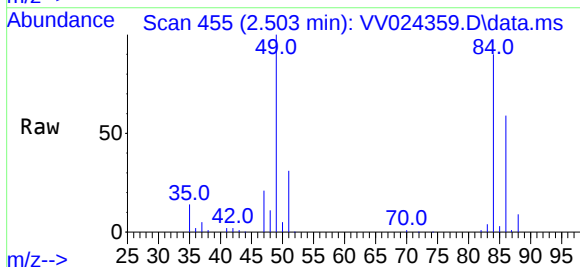
Tgt Ion: 84 Resp: 73359

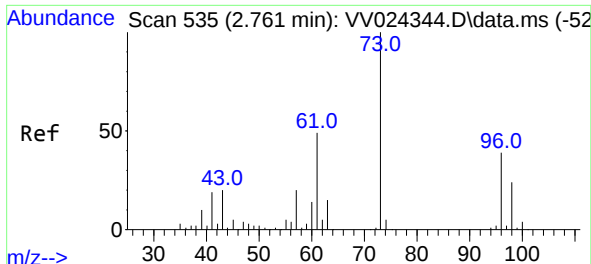
Ion Ratio Lower Upper

84 100

86 65.0 46.8 86.8

49 110.8 78.3 145.3

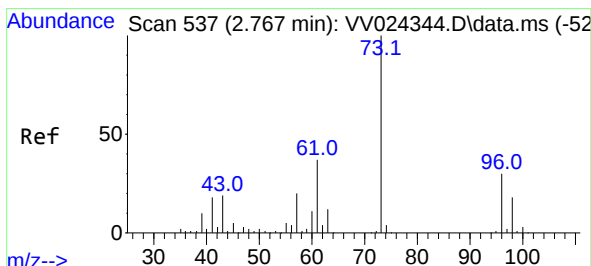
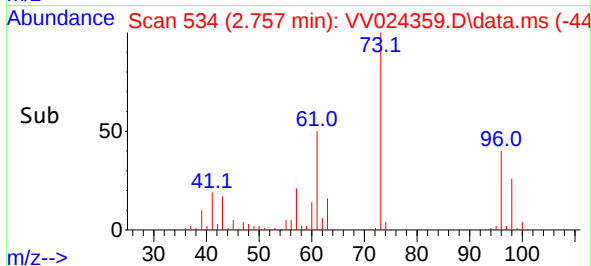
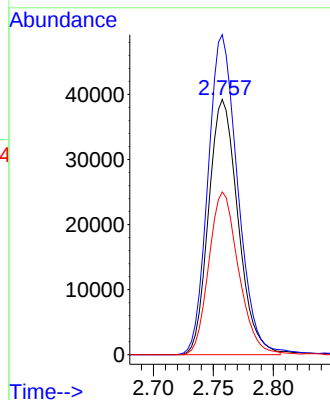
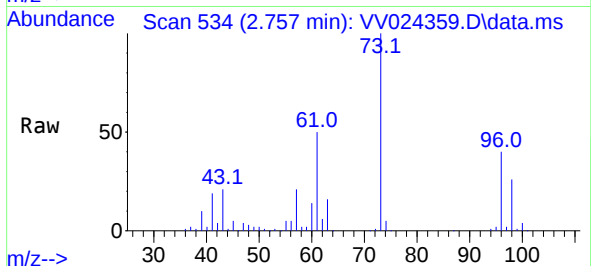




#17
trans-1,2-Dichloroethene
Concen: 50.681 ug/L
RT: 2.757 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV024359.D
Acq: 14 Jan 2022 12:49

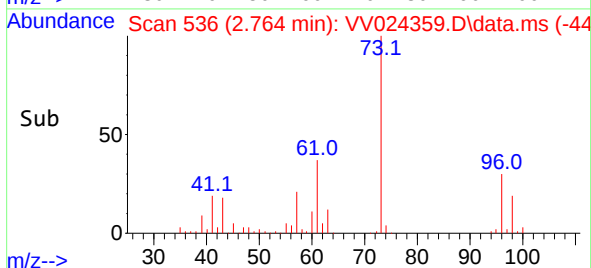
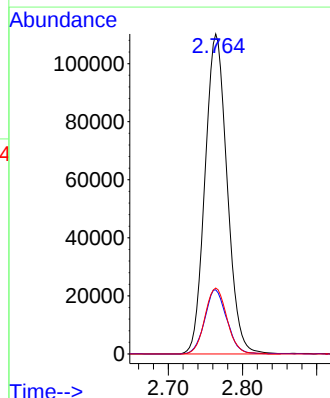
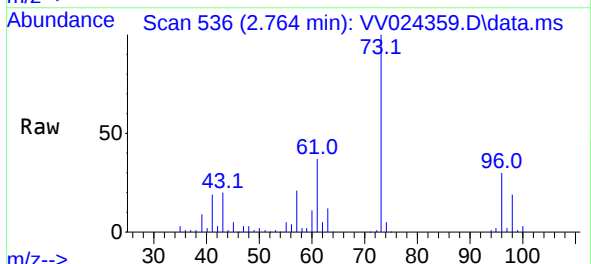
Instrument :
MSVOA_V
ClientSampleId :

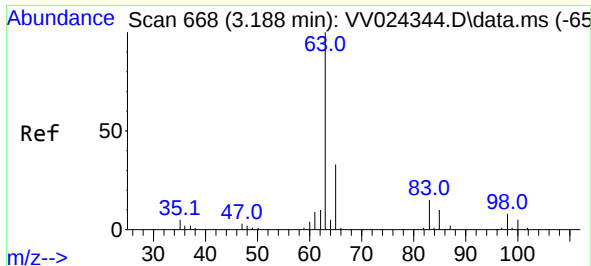
Tgt Ion: 96 Resp: 67032
Ion Ratio Lower Upper
96 100
61 125.4 88.1 163.7
98 63.7 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 55.796 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV024359.D
Acq: 14 Jan 2022 12:49

Tgt Ion: 73 Resp: 227444
Ion Ratio Lower Upper
73 100
43 20.1 16.2 24.2
57 20.5 15.9 23.9





#19

1,1-Dichloroethane

Concen: 55.852 ug/L

RT: 3.185 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV024359.D

Acq: 14 Jan 2022 12:49

Instrument :

MSVOA_V

ClientSampleId :

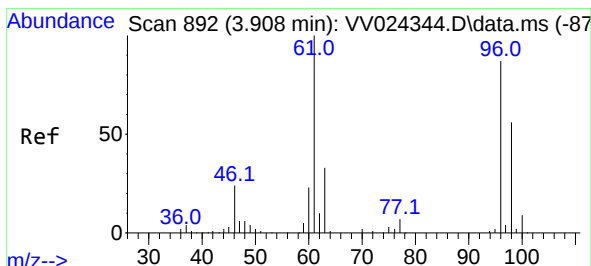
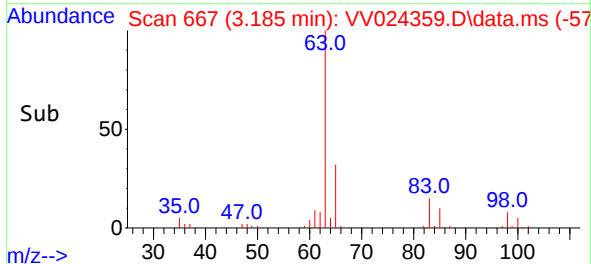
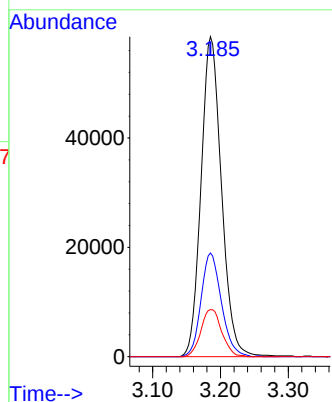
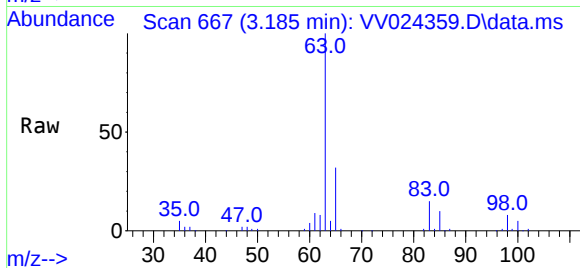
Tgt Ion: 63 Resp: 122526

Ion Ratio Lower Upper

63 100

65 32.4 22.4 41.6

83 14.7 10.6 19.6



#20

cis-1,2-Dichloroethene

Concen: 54.620 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.003 min

Lab File: VV024359.D

Acq: 14 Jan 2022 12:49

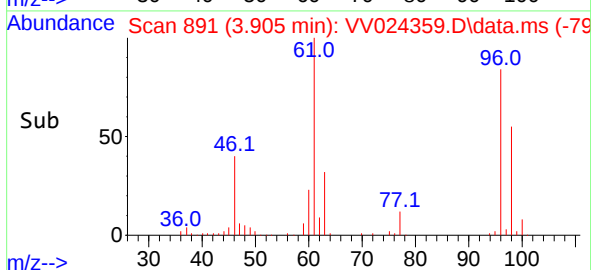
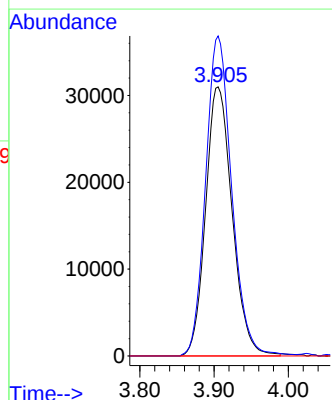
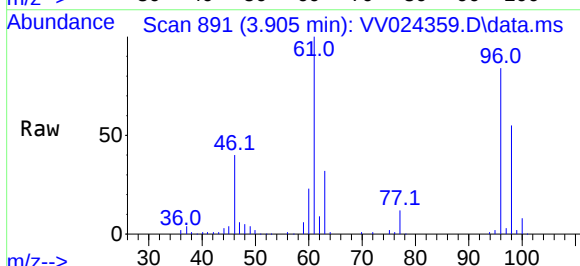
Tgt Ion: 96 Resp: 77155

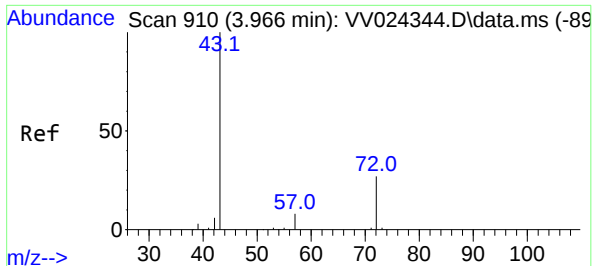
Ion Ratio Lower Upper

96 100

61 118.9 82.9 153.9

68 0.0 0.0 0.0

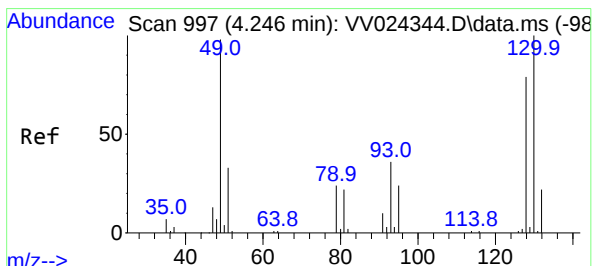
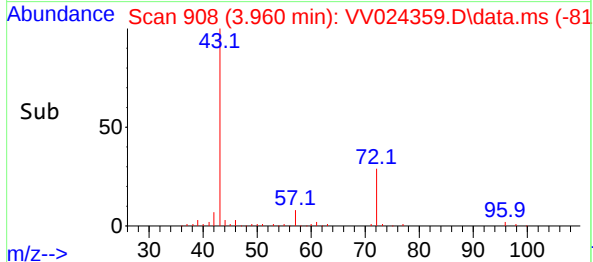
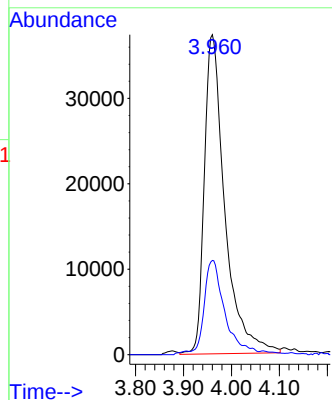
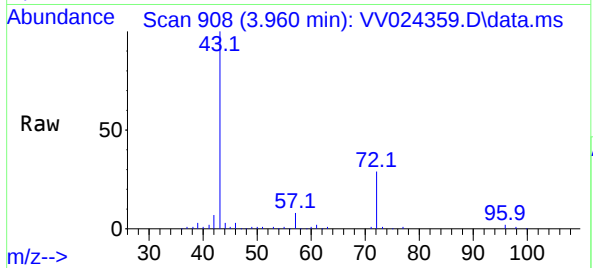




#22
2-Butanone
Concen: 125.084 ug/L
RT: 3.960 min Scan# 908
Delta R.T. -0.010 min
Lab File: VV024359.D
Acq: 14 Jan 2022 12:49

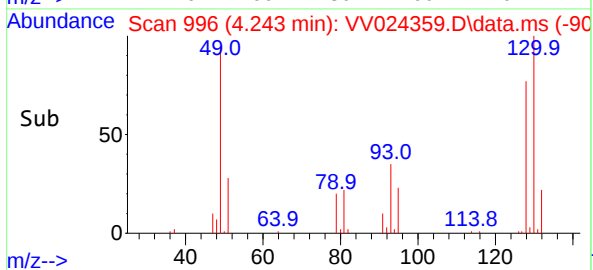
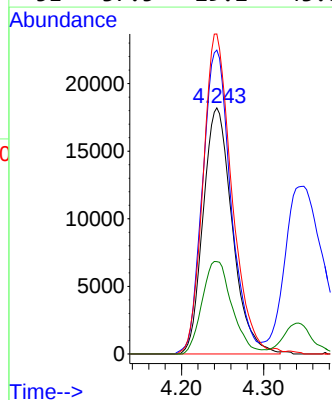
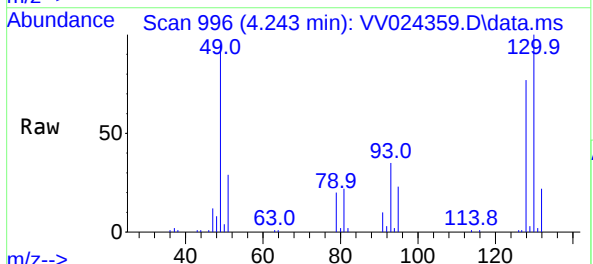
Instrument :
MSVOA_V
ClientSampleId :

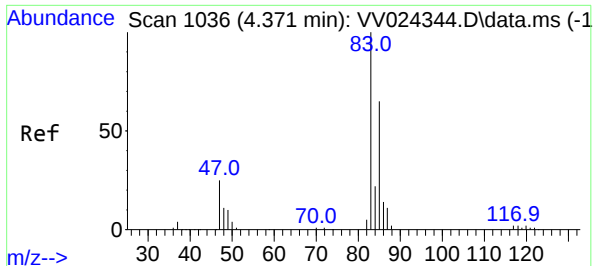
Tgt Ion: 43 Resp: 110844
Ion Ratio Lower Upper
43 100
72 26.2 14.9 44.9



#23
Bromochloromethane
Concen: 55.201 ug/L
RT: 4.243 min Scan# 996
Delta R.T. 0.000 min
Lab File: VV024359.D
Acq: 14 Jan 2022 12:49

Tgt Ion:128 Resp: 44929
Ion Ratio Lower Upper
128 100
49 123.5 83.1 154.3
130 130.1 87.0 161.6
51 37.5 29.2 43.8





#25

Chloroform

Concen: 64.853 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VV024359.D

Acq: 14 Jan 2022 12:49

Instrument :

MSVOA_V

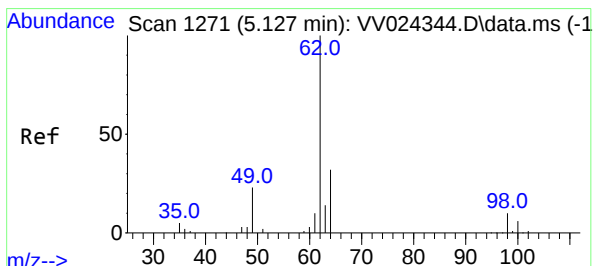
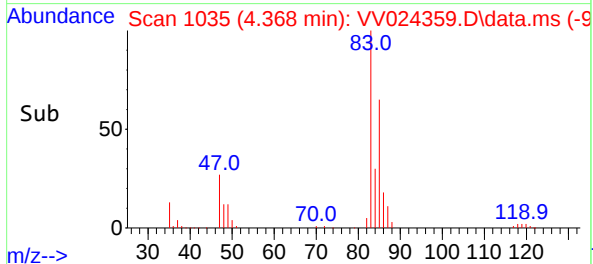
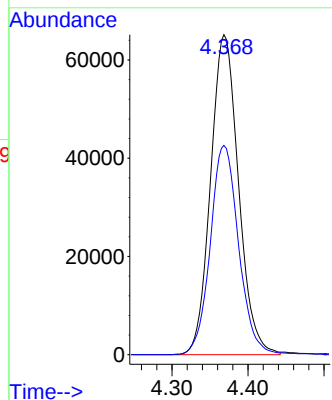
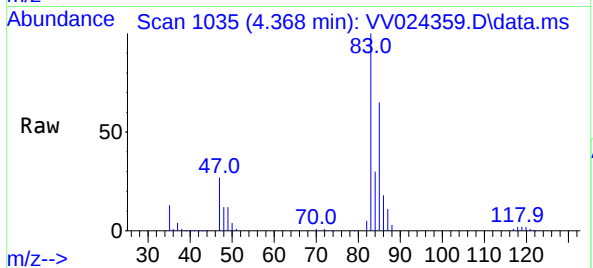
ClientSampleId :

Tgt Ion: 83 Resp: 166345

Ion Ratio Lower Upper

83 100

85 65.4 46.3 85.9



#27

1,2-Dichloroethane

Concen: 52.701 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VV024359.D

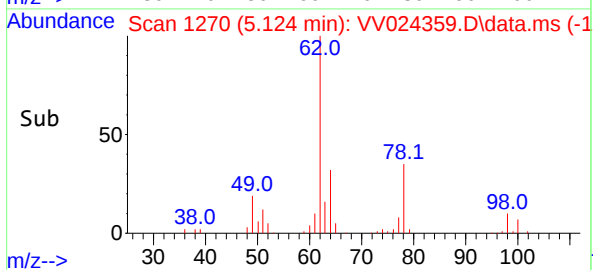
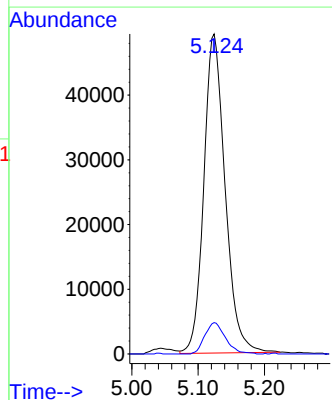
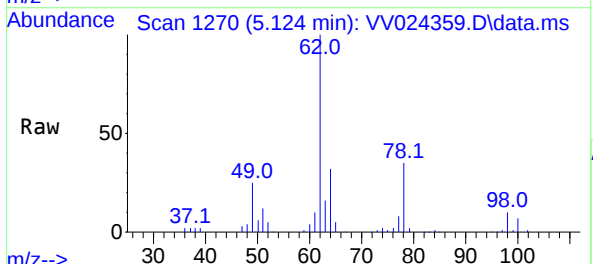
Acq: 14 Jan 2022 12:49

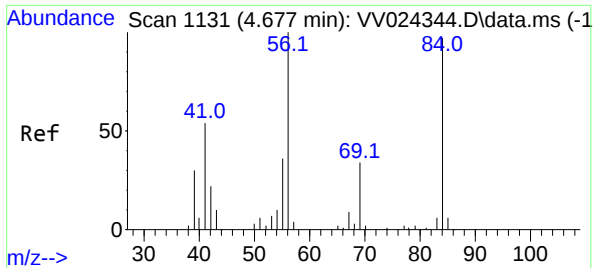
Tgt Ion: 62 Resp: 109947

Ion Ratio Lower Upper

62 100

98 9.8 7.1 10.7

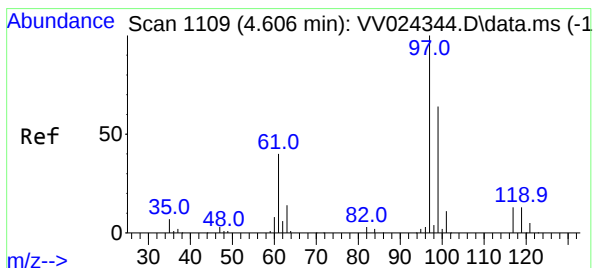
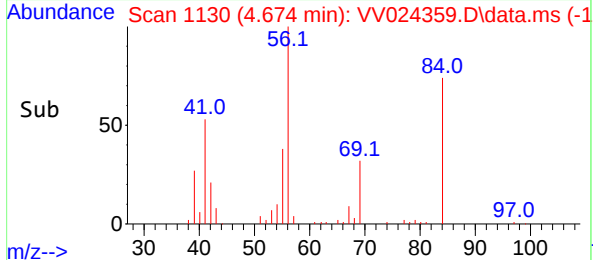
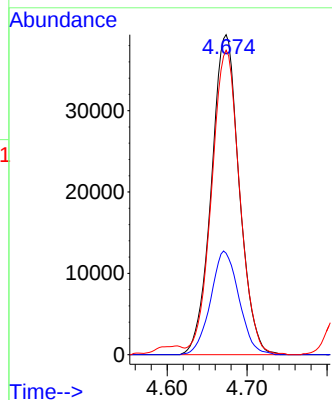
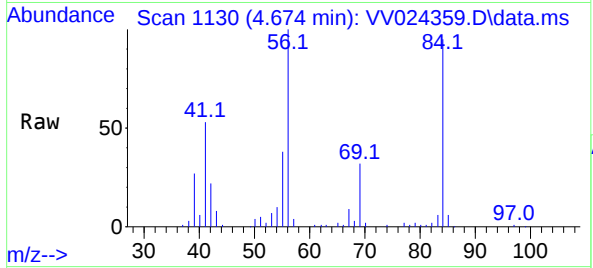




#29
Cyclohexane
Concen: 53.082 ug/L
RT: 4.674 min Scan# 1131
Delta R.T. -0.003 min
Lab File: VV024359.D
Acq: 14 Jan 2022 12:49

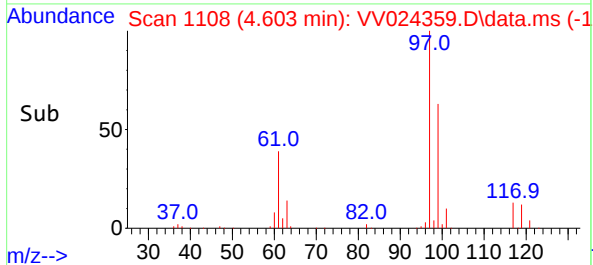
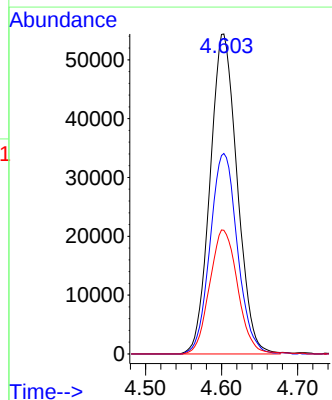
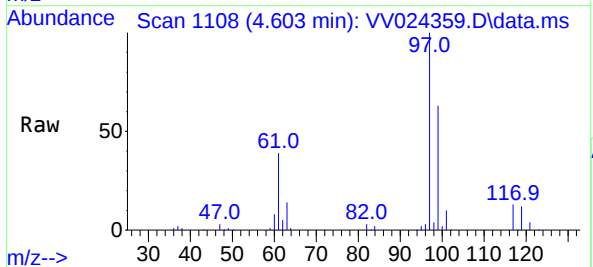
Instrument :
MSVOA_V
ClientSampleId :

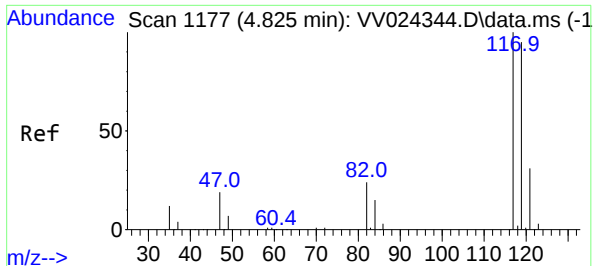
Tgt Ion:	56	Resp:	95133
Ion	Ratio	Lower	Upper
56	100		
69	33.0	25.8	38.6
84	95.0	79.1	118.7



#30
1,1,1-Trichloroethane
Concen: 54.621 ug/L
RT: 4.603 min Scan# 1108
Delta R.T. -0.003 min
Lab File: VV024359.D
Acq: 14 Jan 2022 12:49

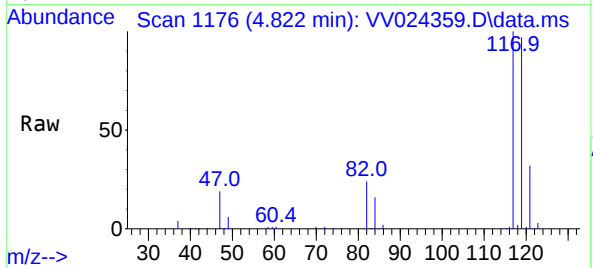
Tgt Ion:	97	Resp:	134741
Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.2	76.8
61	39.9	33.2	49.8



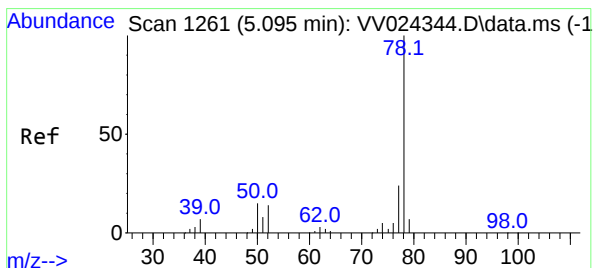
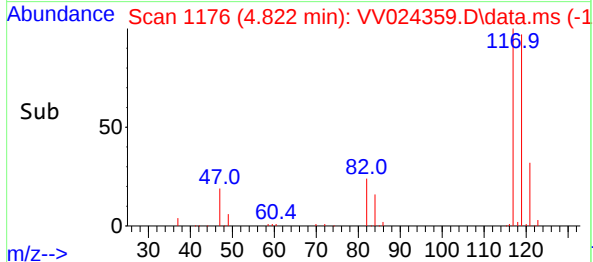
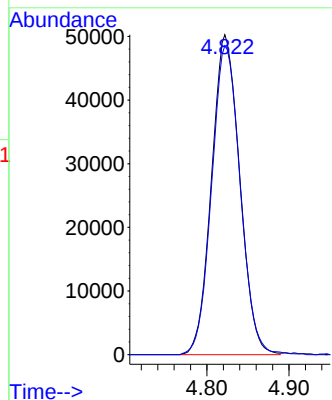


#31
Carbon tetrachloride
Concen: 52.424 ug/L
RT: 4.822 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VV024359.D
Acq: 14 Jan 2022 12:49

Instrument :
MSVOA_V
ClientSampleId :

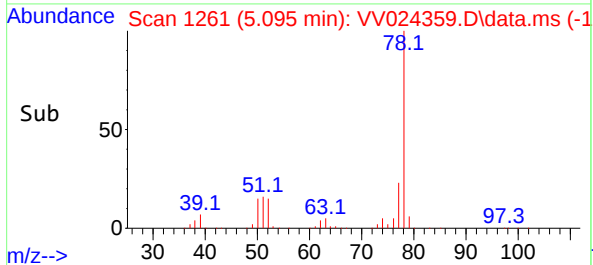
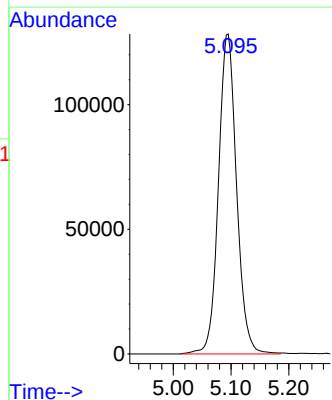
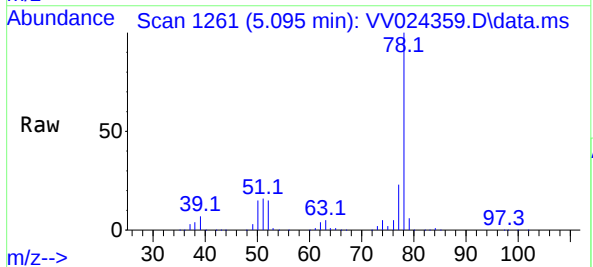


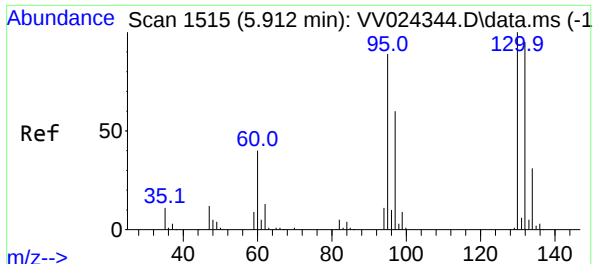
Tgt Ion:117 Resp: 119975
Ion Ratio Lower Upper
117 100
119 97.8 76.9 115.3



#33
Benzene
Concen: 54.799 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VV024359.D
Acq: 14 Jan 2022 12:49

Tgt Ion: 78 Resp: 279362





#34

Trichloroethene

Concen: 55.868 ug/L

RT: 5.908 min Scan# 1514

Delta R.T. 0.000 min

Lab File: VV024359.D

Acq: 14 Jan 2022 12:49

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 78540

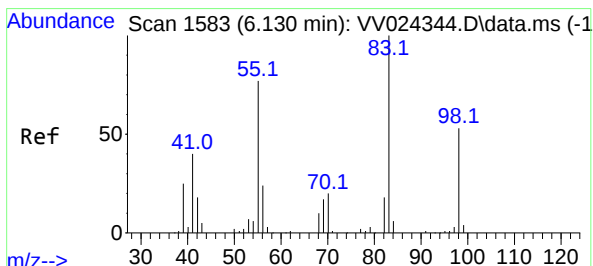
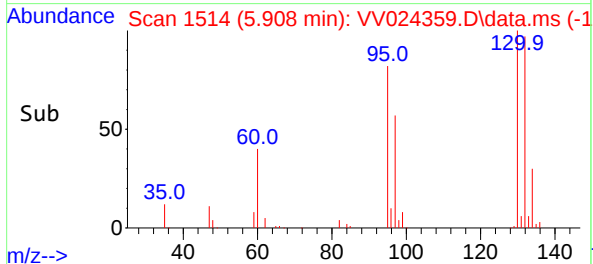
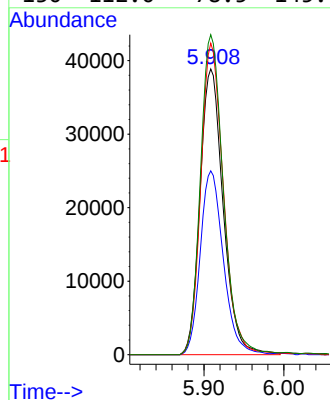
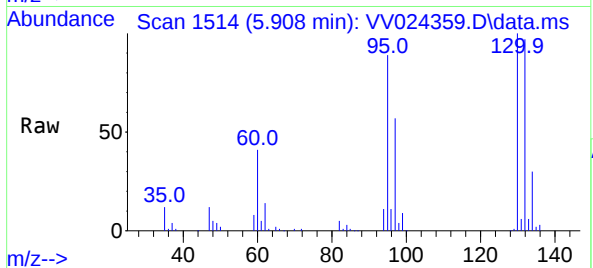
Ion Ratio Lower Upper

95 100

97 64.3 44.1 81.9

132 109.0 75.1 139.5

130 112.0 78.5 145.7



#35

Methylcyclohexane

Concen: 52.283 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. 0.000 min

Lab File: VV024359.D

Acq: 14 Jan 2022 12:49

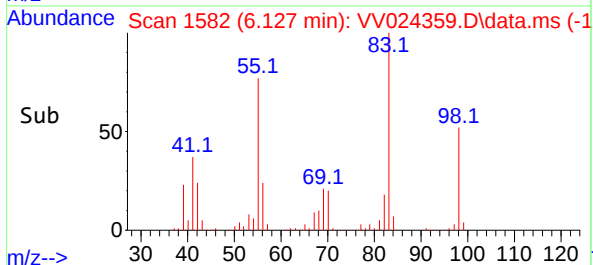
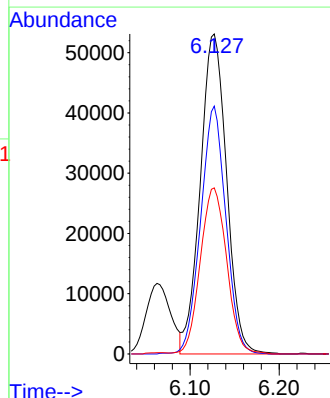
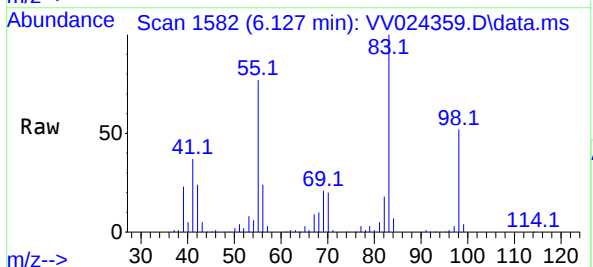
Tgt Ion: 83 Resp: 109007

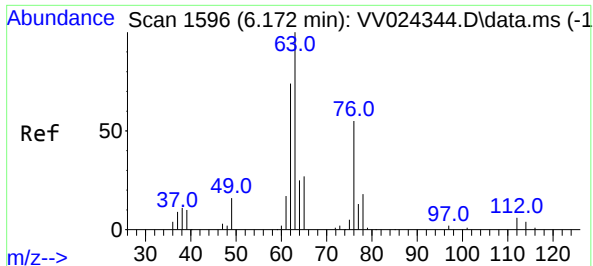
Ion Ratio Lower Upper

83 100

55 74.3 55.6 83.4

98 52.2 41.3 61.9

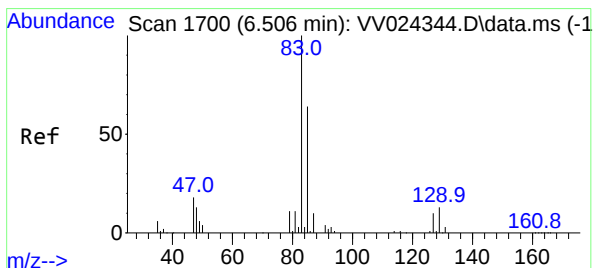
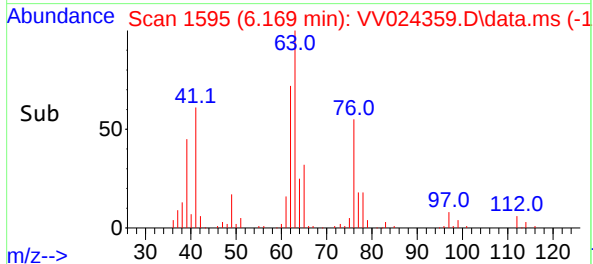
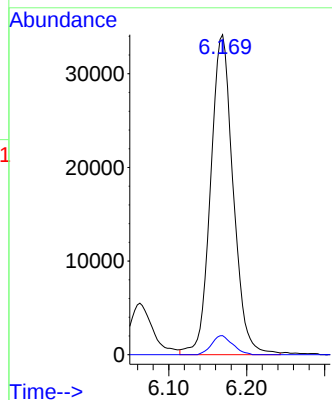
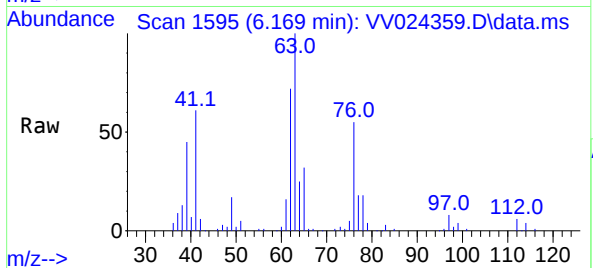




#37
1,2-Dichloropropane
Concen: 57.449 ug/L
RT: 6.169 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV024359.D
Acq: 14 Jan 2022 12:49

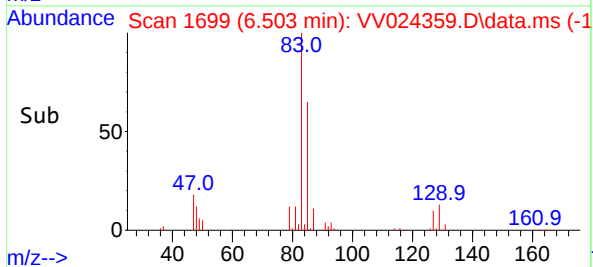
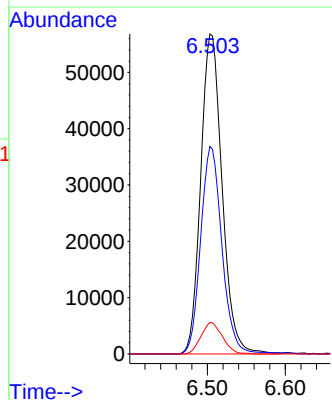
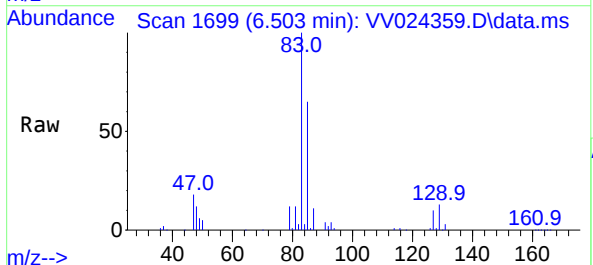
Instrument :
MSVOA_V
ClientSampleId :

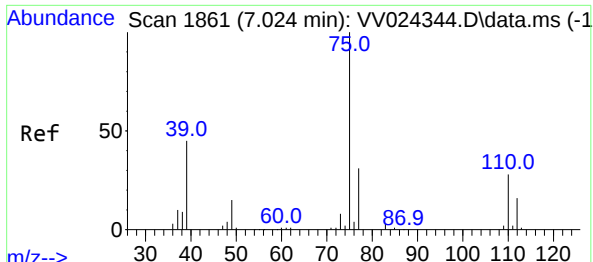
Tgt Ion: 63 Resp: 68886
Ion Ratio Lower Upper
63 100
112 5.5 4.7 7.1



#38
Bromodichloromethane
Concen: 57.519 ug/L
RT: 6.503 min Scan# 1699
Delta R.T. -0.003 min
Lab File: VV024359.D
Acq: 14 Jan 2022 12:49

Tgt Ion: 83 Resp: 108228
Ion Ratio Lower Upper
83 100
85 64.9 45.2 84.0
127 9.8 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 54.831 ug/L

RT: 7.021 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV024359.D

Acq: 14 Jan 2022 12:49

Instrument :

MSVOA_V

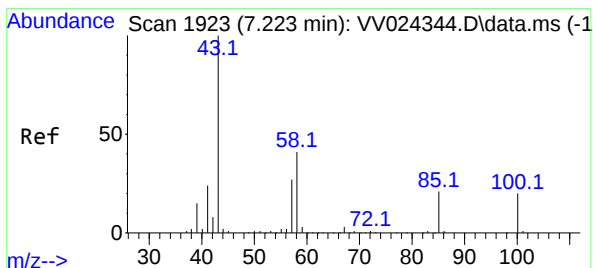
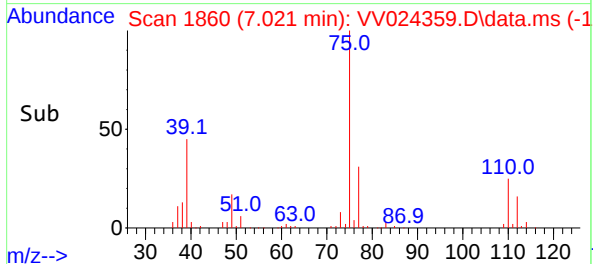
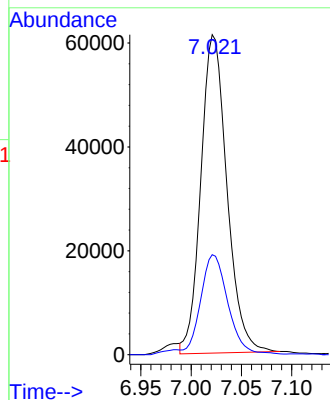
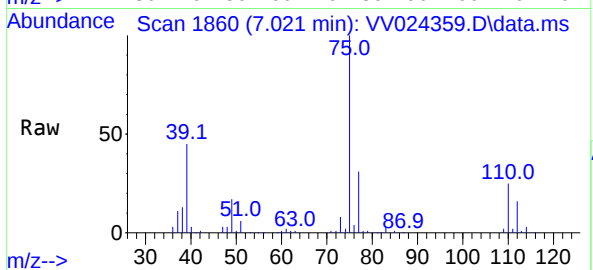
ClientSampleId :

Tgt Ion: 75 Resp: 110519

Ion Ratio Lower Upper

75 100

77 31.3 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 117.481 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. -0.003 min

Lab File: VV024359.D

Acq: 14 Jan 2022 12:49

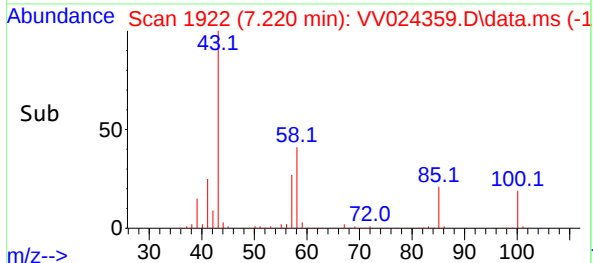
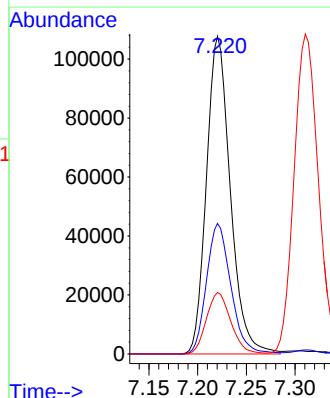
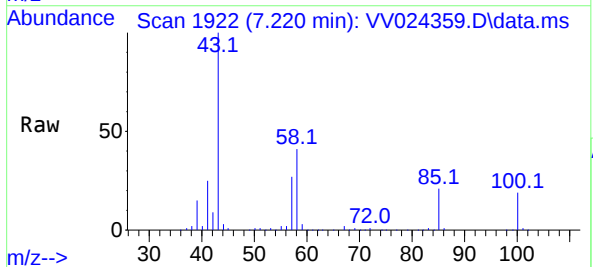
Tgt Ion: 43 Resp: 183692

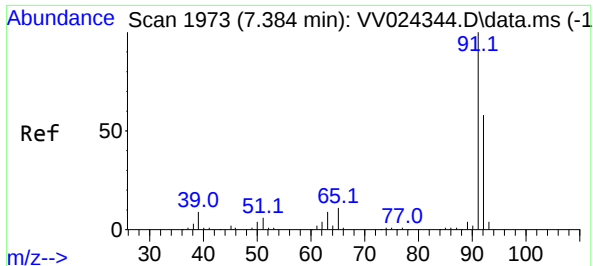
Ion Ratio Lower Upper

43 100

58 41.8 33.0 49.4

100 19.7 16.0 24.0





#42

Toluene

Concen: 55.599 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV024359.D

Acq: 14 Jan 2022 12:49

Instrument :

MSVOA_V

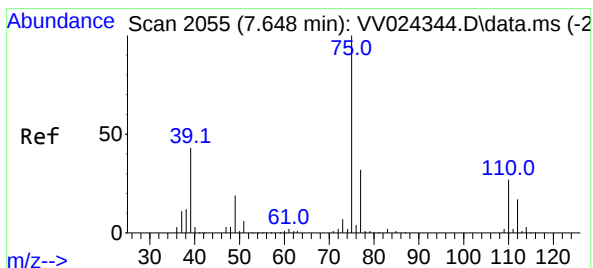
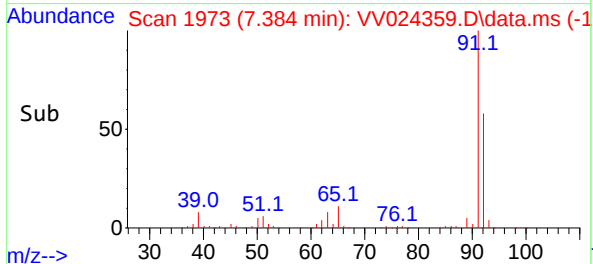
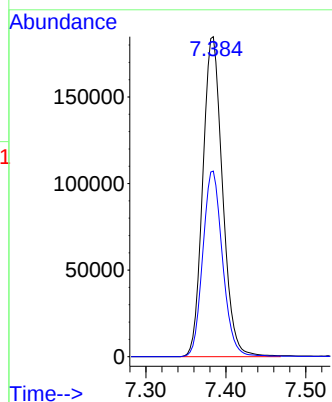
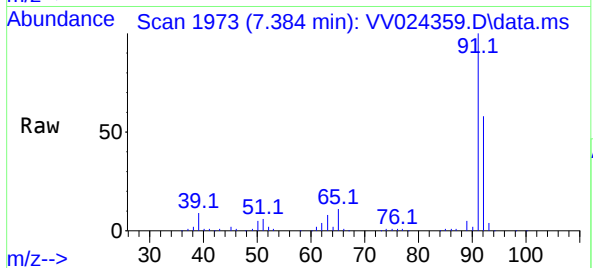
ClientSampleId :

Tgt Ion: 91 Resp: 318170

Ion Ratio Lower Upper

91 100

92 58.0 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 56.646 ug/L

RT: 7.645 min Scan# 2054

Delta R.T. -0.003 min

Lab File: VV024359.D

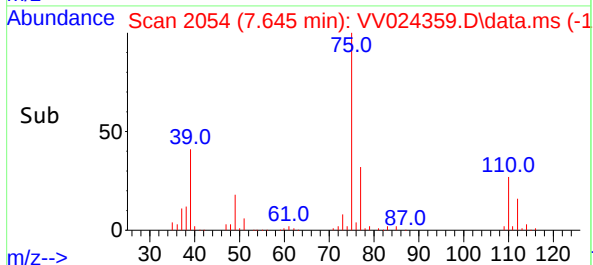
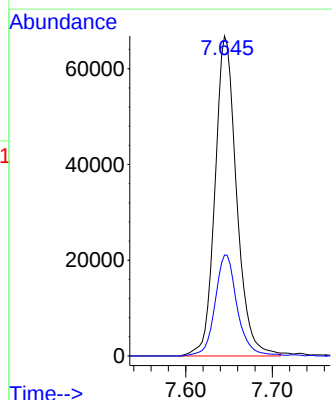
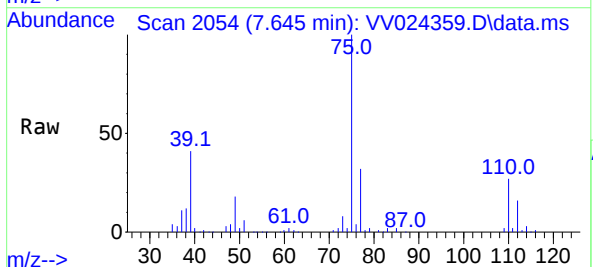
Acq: 14 Jan 2022 12:49

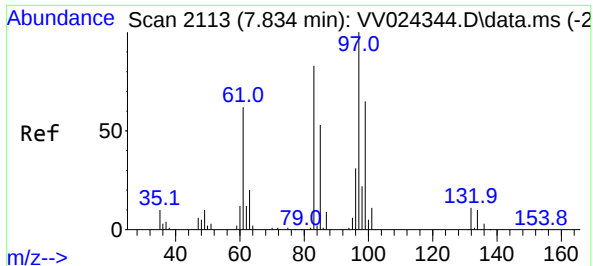
Tgt Ion: 75 Resp: 115823

Ion Ratio Lower Upper

75 100

77 31.5 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 56.552 ug/L

RT: 7.834 min Scan# 2113

Delta R.T. 0.000 min

Lab File: VV024359.D

Acq: 14 Jan 2022 12:49

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 76019

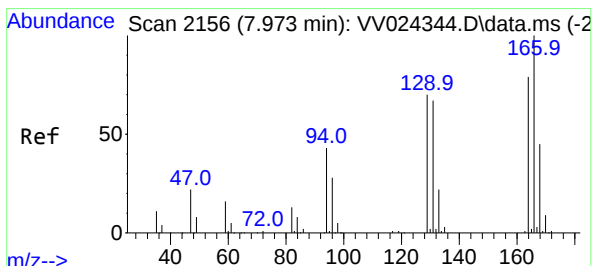
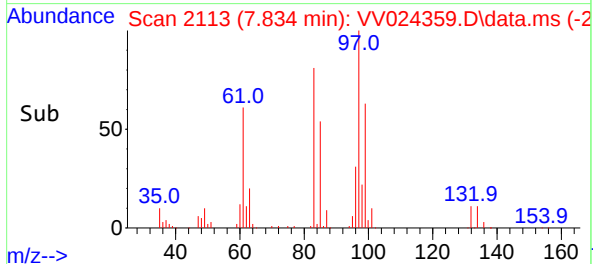
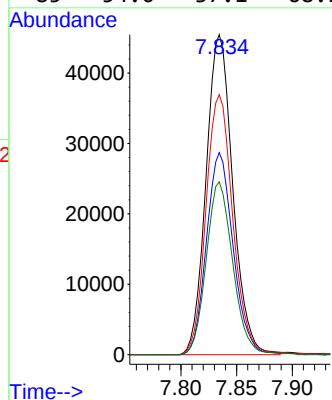
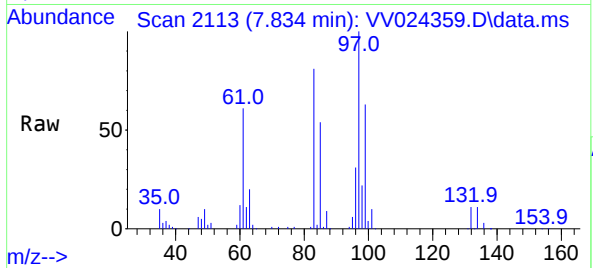
Ion Ratio Lower Upper

97 100

99 63.1 42.4 78.8

83 81.3 57.9 107.5

85 54.0 37.1 68.9



#46

Tetrachloroethene

Concen: 53.176 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.000 min

Lab File: VV024359.D

Acq: 14 Jan 2022 12:49

Tgt Ion:164 Resp: 68041

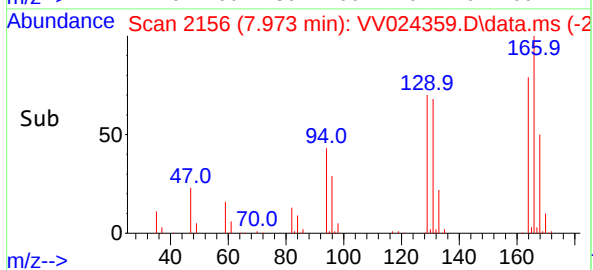
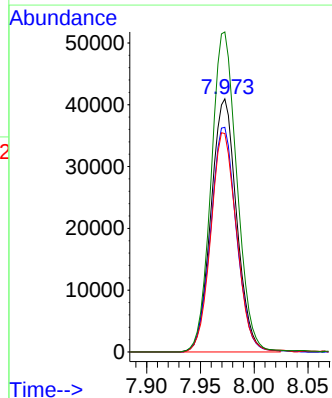
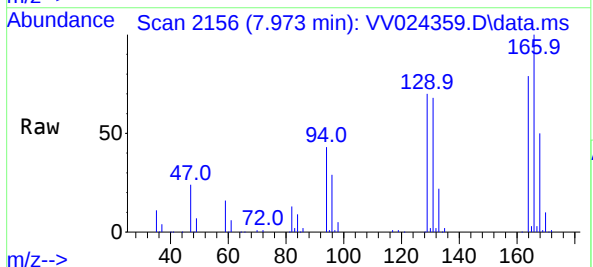
Ion Ratio Lower Upper

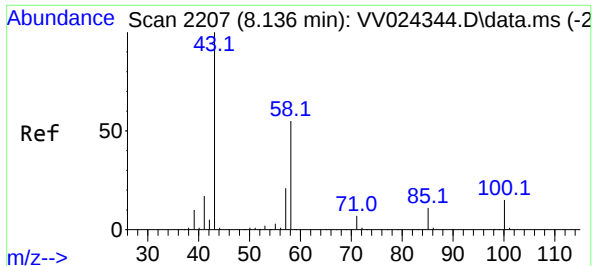
164 100

129 88.7 61.5 114.1

131 86.3 62.2 115.4

166 126.4 89.9 166.9





#48

2-Hexanone

Concen: 123.801 ug/L

RT: 8.133 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV024359.D

Acq: 14 Jan 2022 12:49

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 155477

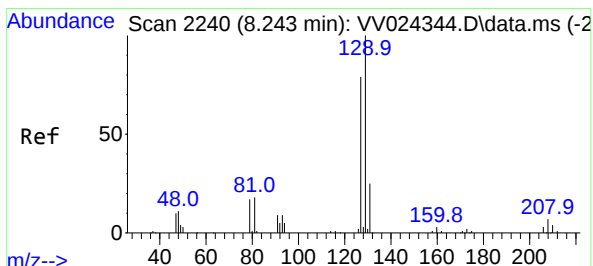
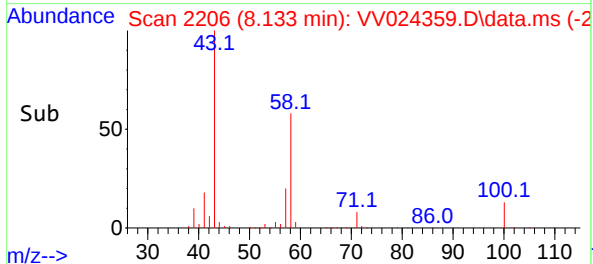
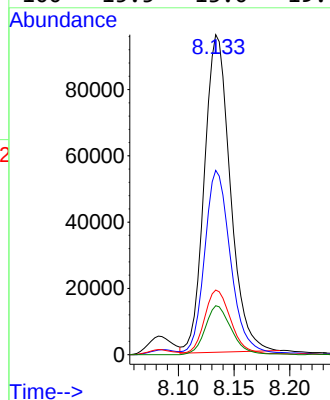
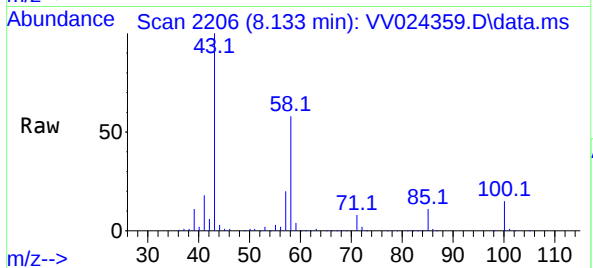
Ion Ratio Lower Upper

43 100

58 57.5 45.0 67.4

57 21.1 16.9 25.3

100 15.5 13.0 19.4



#49

Dibromochloromethane

Concen: 55.381 ug/L

RT: 8.243 min Scan# 2240

Delta R.T. 0.000 min

Lab File: VV024359.D

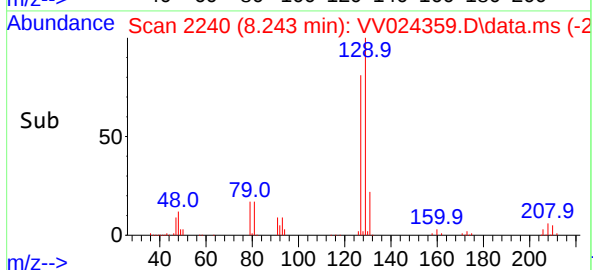
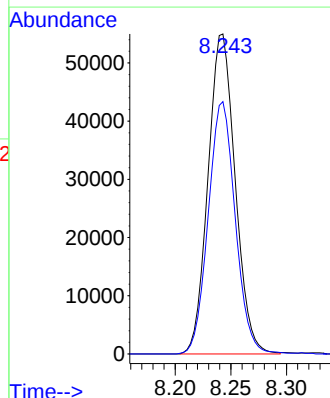
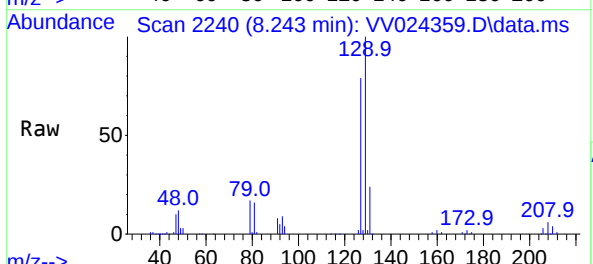
Acq: 14 Jan 2022 12:49

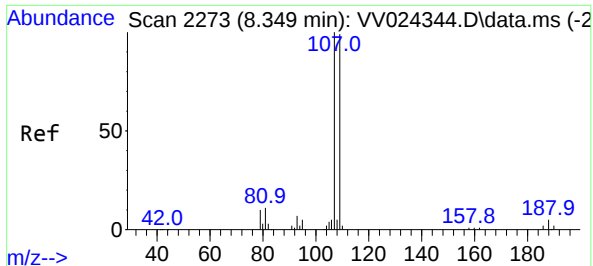
Tgt Ion:129 Resp: 93315

Ion Ratio Lower Upper

129 100

127 78.8 53.7 99.7





#50

1,2-Dibromoethane

Concen: 56.270 ug/L

RT: 8.346 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV024359.D

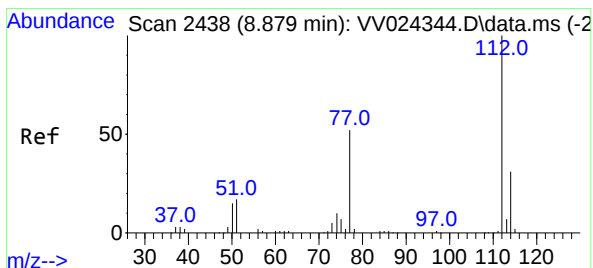
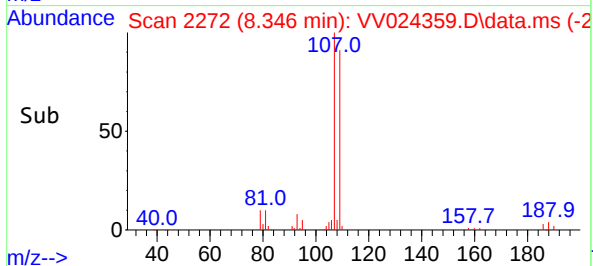
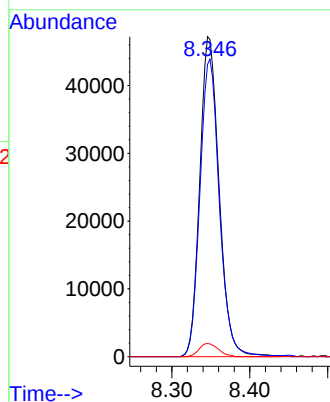
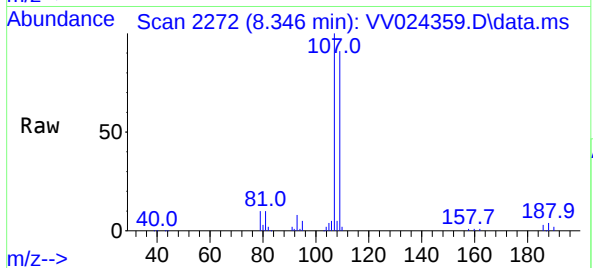
Acq: 14 Jan 2022 12:49

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	81243
Ion	Ratio	Lower	Upper
107	100		
109	91.4	65.8	122.2
188	4.1	3.8	5.6



#51

Chlorobenzene

Concen: 55.258 ug/L

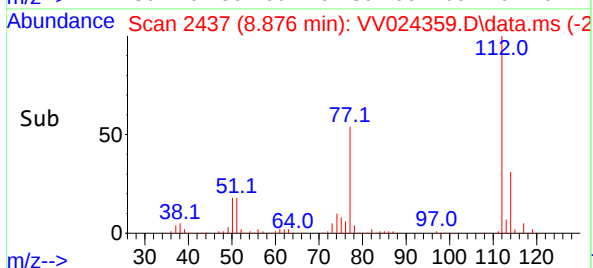
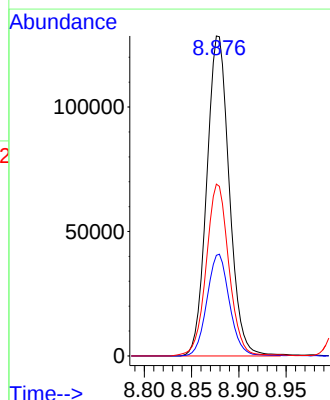
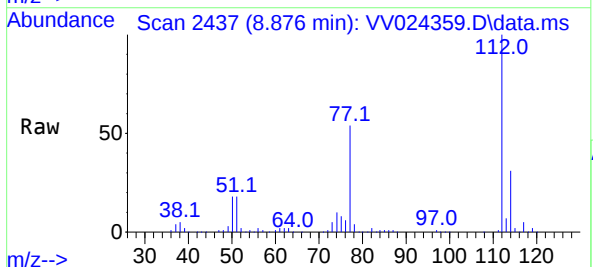
RT: 8.876 min Scan# 2437

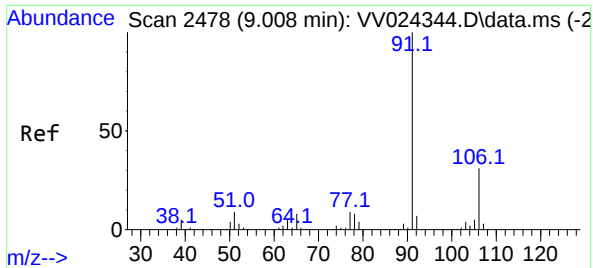
Delta R.T. -0.003 min

Lab File: VV024359.D

Acq: 14 Jan 2022 12:49

Tgt Ion:	112	Resp:	212988
Ion	Ratio	Lower	Upper
112	100		
114	31.5	22.3	41.5
77	53.7	42.8	64.2

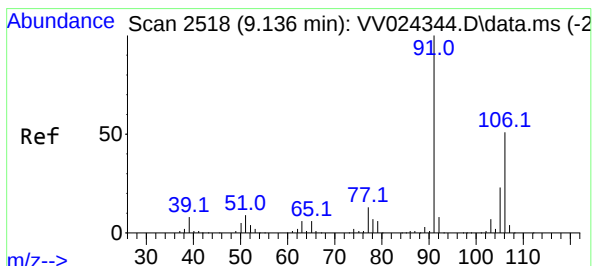
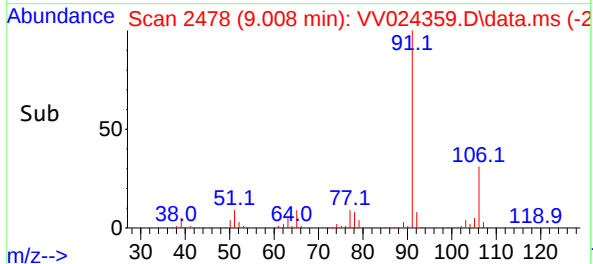
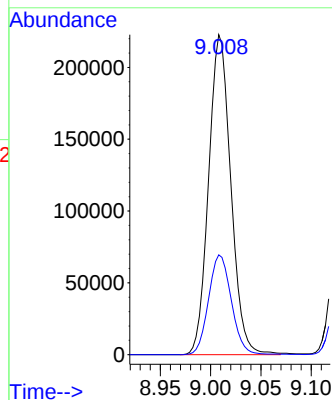
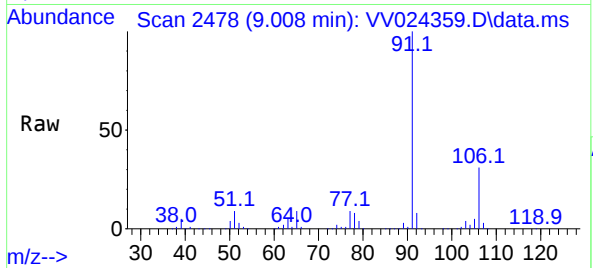




#52
Ethylbenzene
Concen: 56.026 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. -0.003 min
Lab File: VV024359.D
Acq: 14 Jan 2022 12:49

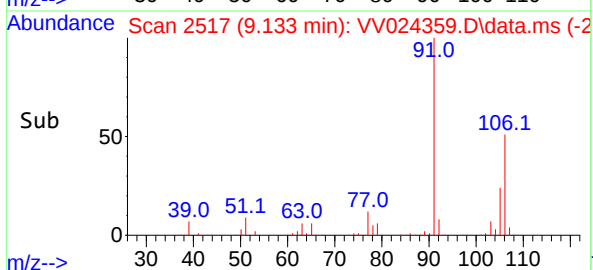
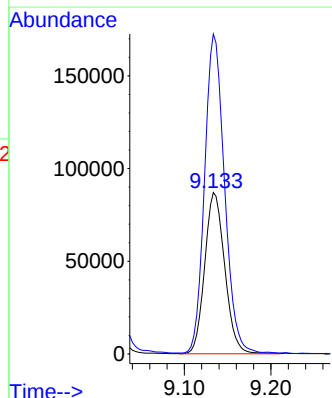
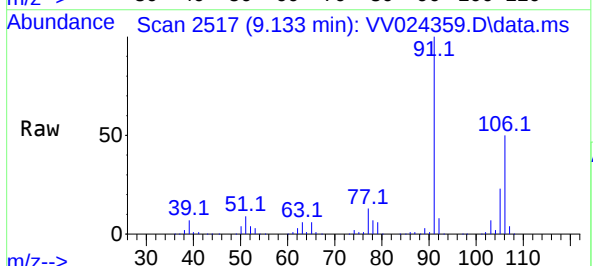
Instrument :
MSVOA_V
ClientSampleId :

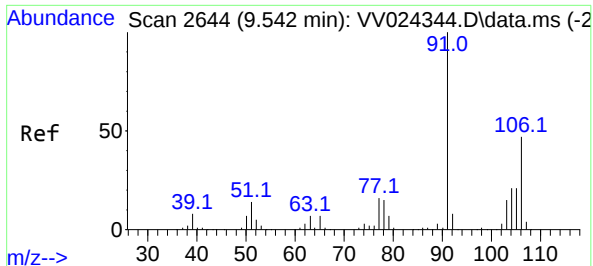
Tgt Ion: 91 Resp: 342519
Ion Ratio Lower Upper
91 100
106 31.2 22.0 41.0



#53
m,p-Xylene
Concen: 56.991 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. -0.003 min
Lab File: VV024359.D
Acq: 14 Jan 2022 12:49

Tgt Ion:106 Resp: 139657
Ion Ratio Lower Upper
106 100
91 198.2 141.8 263.4

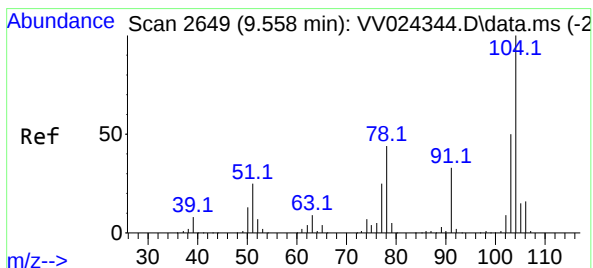
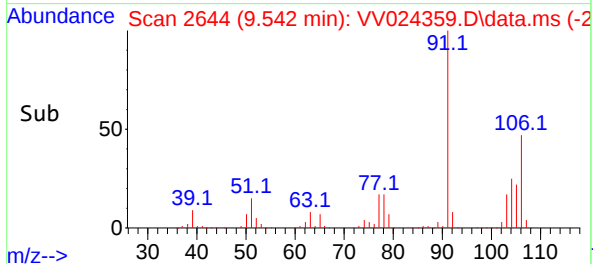
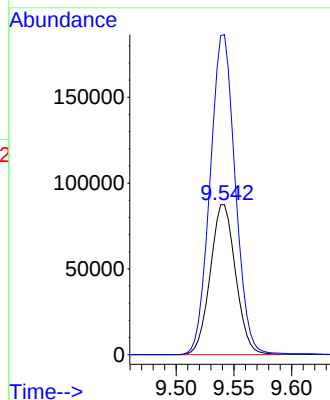
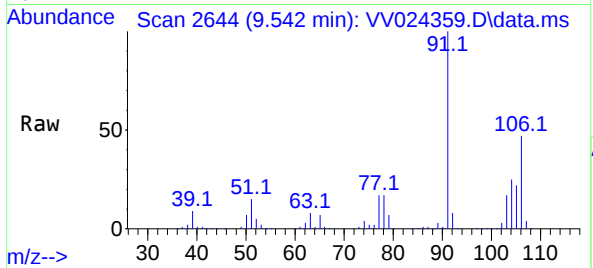




#54
o-Xylene
Concen: 57.099 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV024359.D
Acq: 14 Jan 2022 12:49

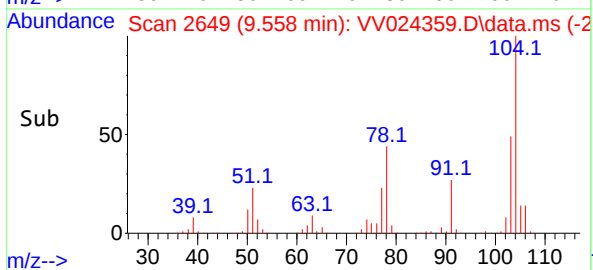
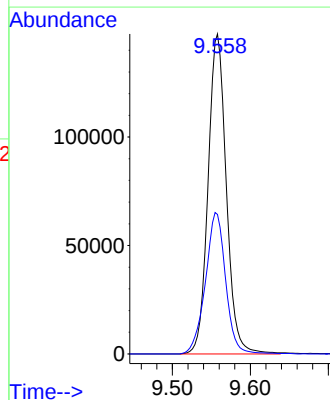
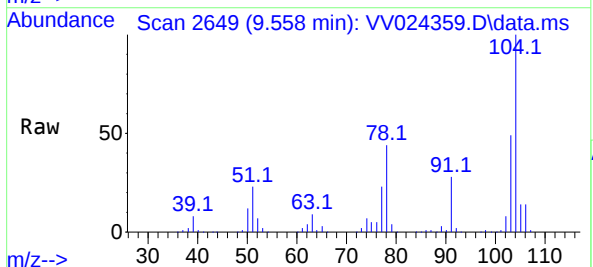
Instrument :
MSVOA_V
ClientSampleId :

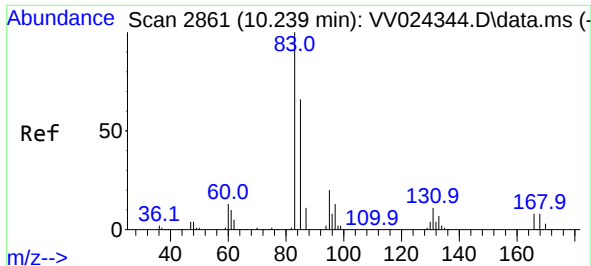
Tgt Ion:106 Resp: 133568
Ion Ratio Lower Upper
106 100
91 213.4 150.9 280.3



#55
Styrene
Concen: 59.054 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV024359.D
Acq: 14 Jan 2022 12:49

Tgt Ion:104 Resp: 239893
Ion Ratio Lower Upper
104 100
78 43.6 31.5 58.5

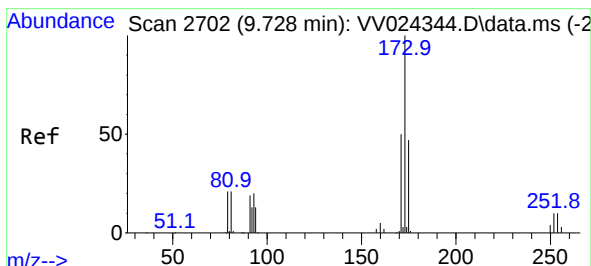
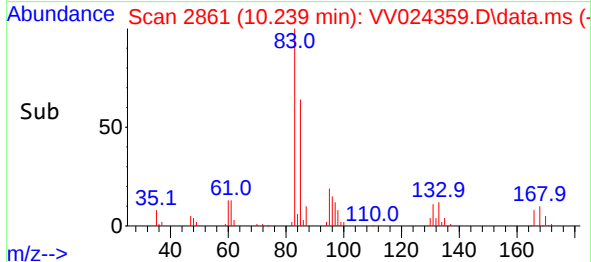
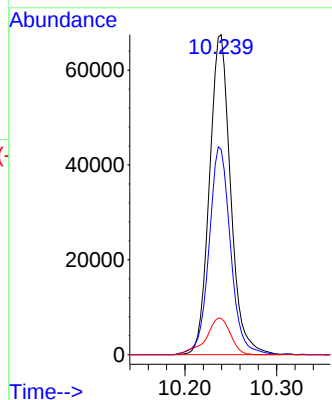
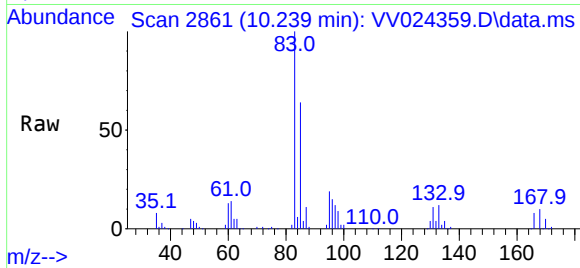




#57
1,1,2,2-Tetrachloroethane
Concen: 54.988 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV024359.D
Acq: 14 Jan 2022 12:49

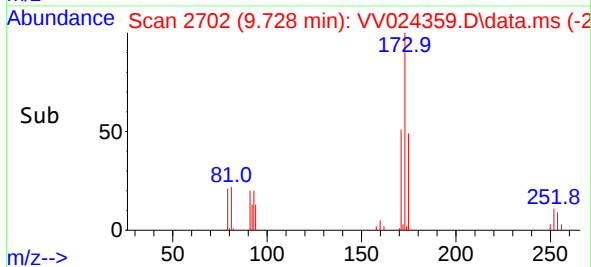
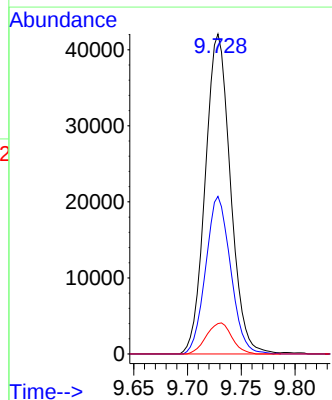
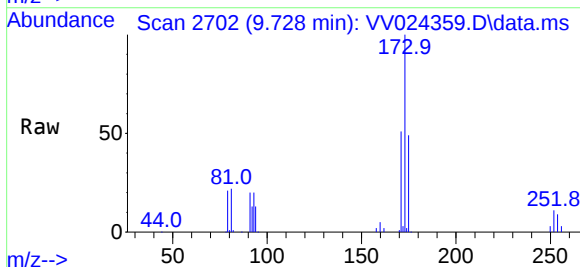
Instrument :
MSVOA_V
ClientSampleId :

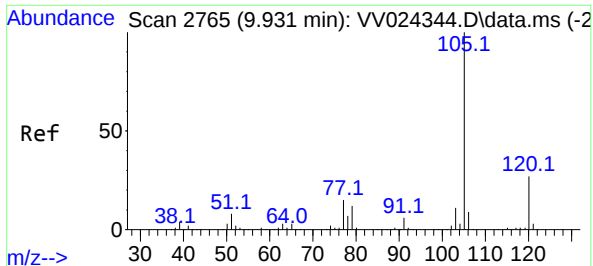
Tgt Ion: 83 Resp: 107934
Ion Ratio Lower Upper
83 100
85 64.1 44.5 82.7
131 11.4 9.2 13.8



#59
Bromoform
Concen: 51.885 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. 0.000 min
Lab File: VV024359.D
Acq: 14 Jan 2022 12:49

Tgt Ion: 173 Resp: 68492
Ion Ratio Lower Upper
173 100
175 48.7 39.4 59.2
254 9.8 7.8 11.6

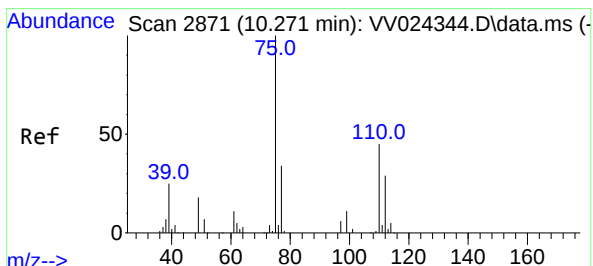
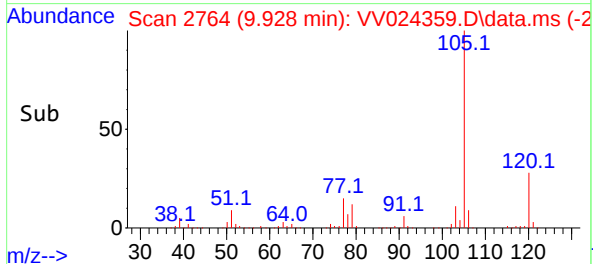
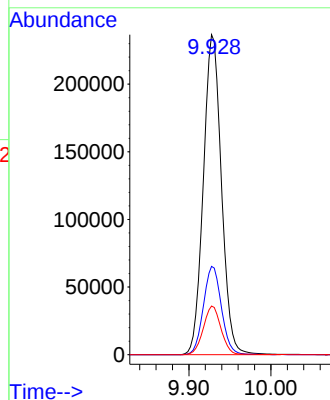
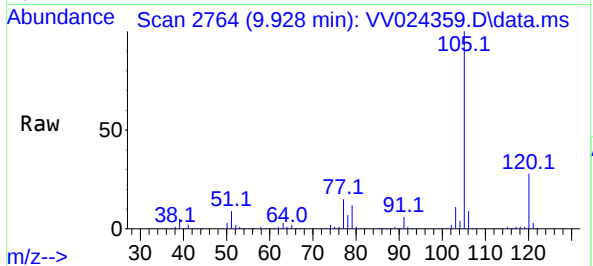




#60
Isopropylbenzene
Concen: 56.569 ug/L
RT: 9.928 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV024359.D
Acq: 14 Jan 2022 12:49

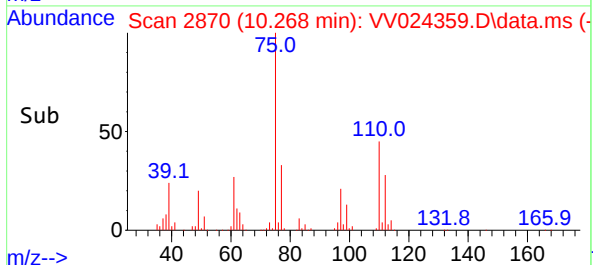
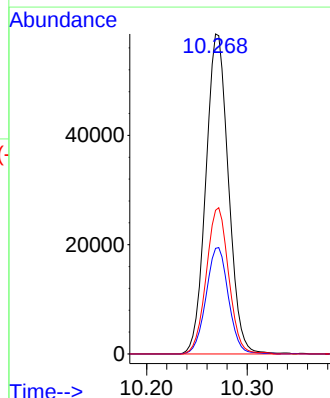
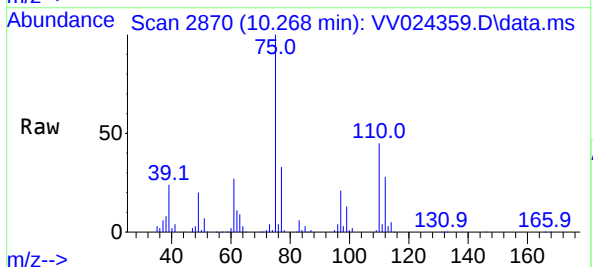
Instrument :
MSVOA_V
ClientSampleId :

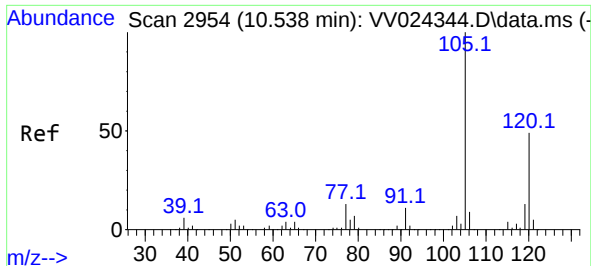
Tgt Ion:105 Resp: 362382
Ion Ratio Lower Upper
105 100
120 27.5 21.9 32.9
77 14.9 11.9 17.9



#61
1,2,3-Trichloropropane
Concen: 53.783 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. -0.003 min
Lab File: VV024359.D
Acq: 14 Jan 2022 12:49

Tgt Ion: 75 Resp: 91426
Ion Ratio Lower Upper
75 100
77 32.9 26.9 40.3
110 45.3 37.1 55.7





#62

1,3,5-Trimethylbenzene

Concen: 56.368 ug/L

RT: 10.535 min Scan# 2954

Delta R.T. -0.003 min

Lab File: VV024359.D

Acq: 14 Jan 2022 12:49

Instrument :

MSVOA_V

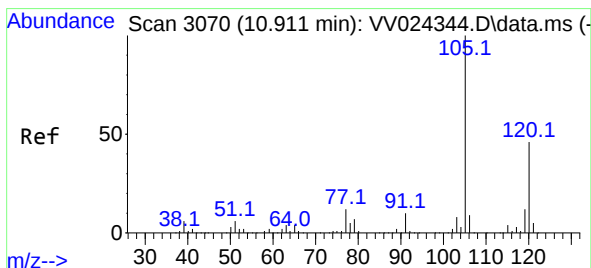
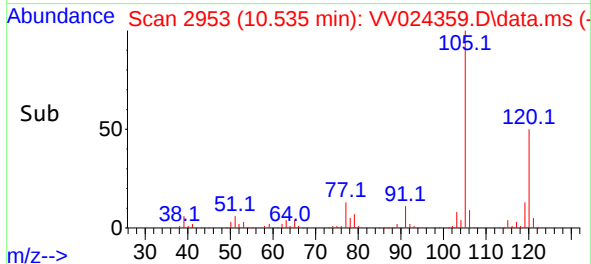
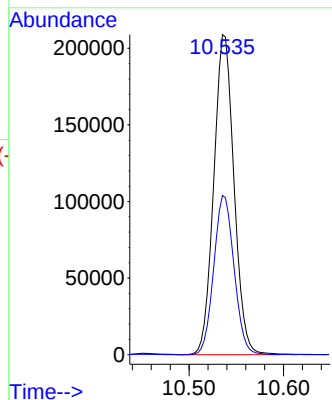
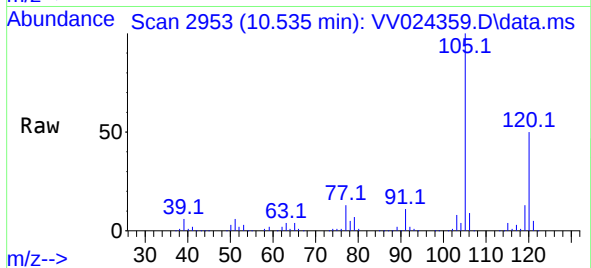
ClientSampleId :

Tgt Ion:105 Resp: 310612

Ion Ratio Lower Upper

105 100

120 49.9 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 57.195 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV024359.D

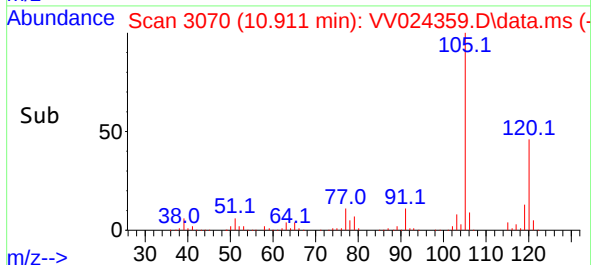
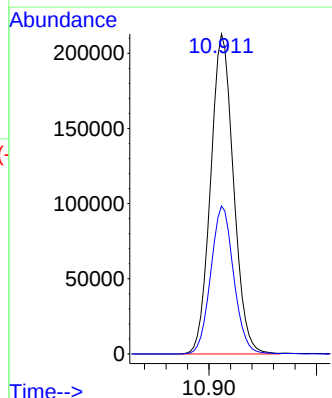
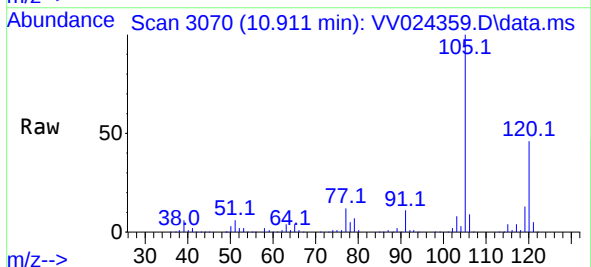
Acq: 14 Jan 2022 12:49

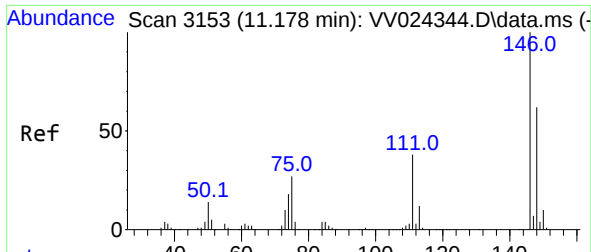
Tgt Ion:105 Resp: 314644

Ion Ratio Lower Upper

105 100

120 46.3 36.6 55.0

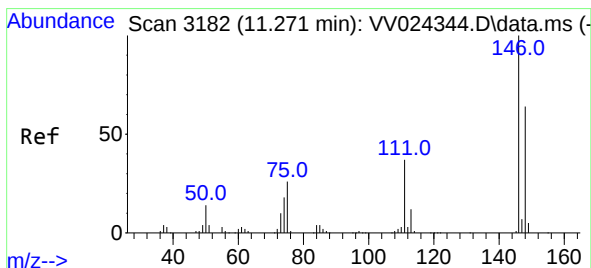
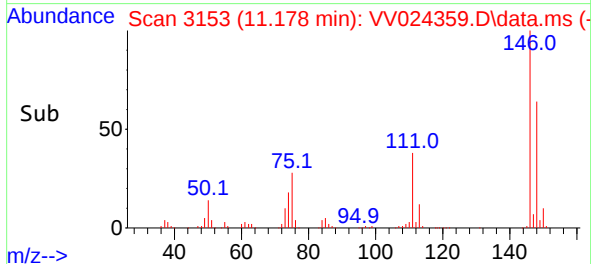
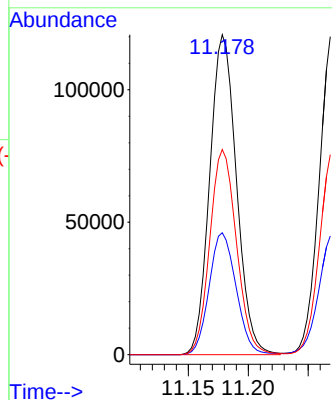
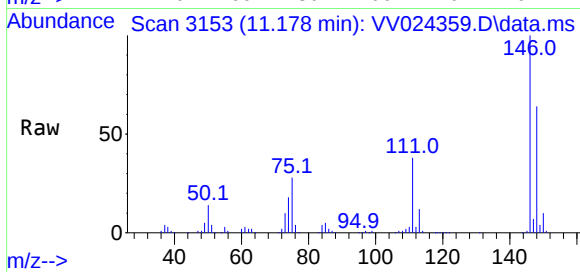




#64
1,3-Dichlorobenzene
Concen: 56.695 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV024359.D
Acq: 14 Jan 2022 12:49

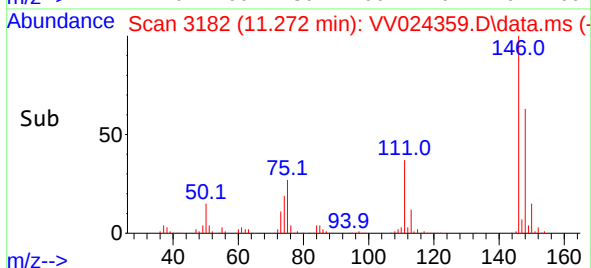
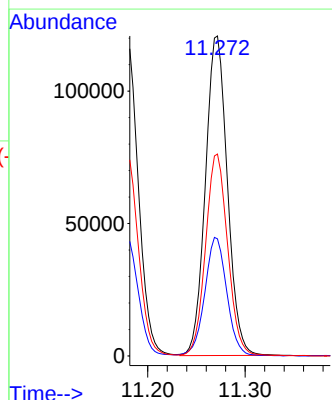
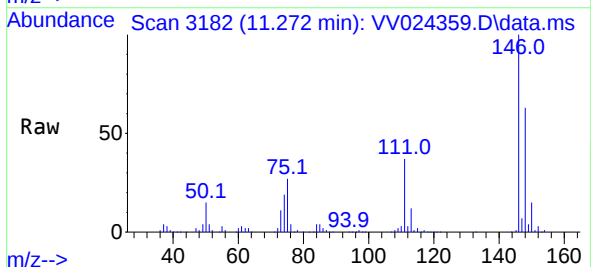
Instrument :
MSVOA_V
ClientSampleId :

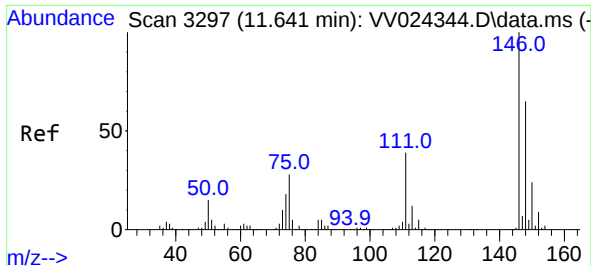
Tgt Ion:146 Resp: 187263
Ion Ratio Lower Upper
146 100
111 38.1 26.5 49.3
148 64.1 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 55.532 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV024359.D
Acq: 14 Jan 2022 12:49

Tgt Ion:146 Resp: 189159
Ion Ratio Lower Upper
146 100
111 36.6 26.5 49.3
148 63.1 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 54.503 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV024359.D

Acq: 14 Jan 2022 12:49

Instrument :

MSVOA_V

ClientSampleId :

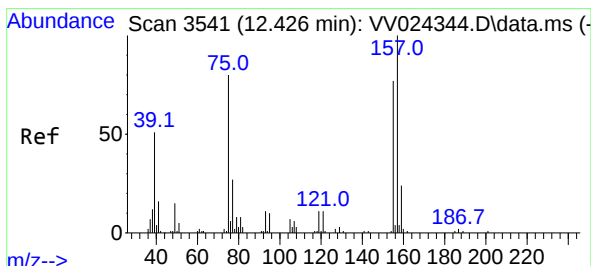
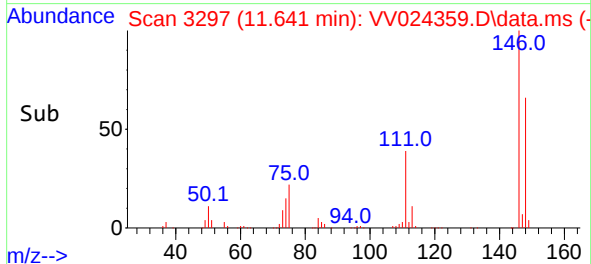
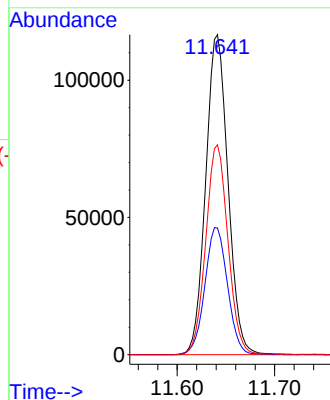
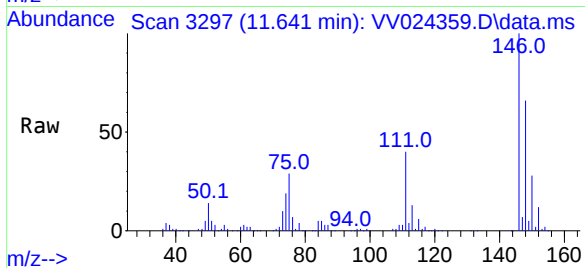
Tgt Ion:146 Resp: 185535

Ion Ratio Lower Upper

146 100

111 39.6 32.0 48.0

148 65.6 51.6 77.4



#68

1,2-Dibromo-3-chloropropane

Concen: 49.649 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV024359.D

Acq: 14 Jan 2022 12:49

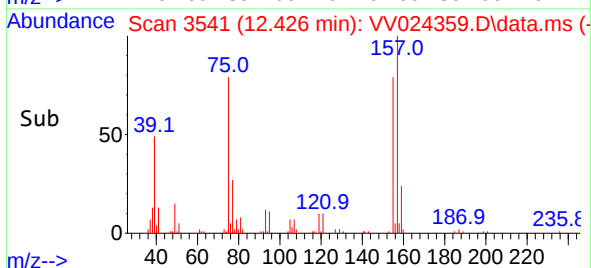
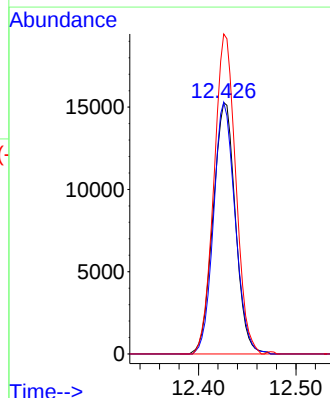
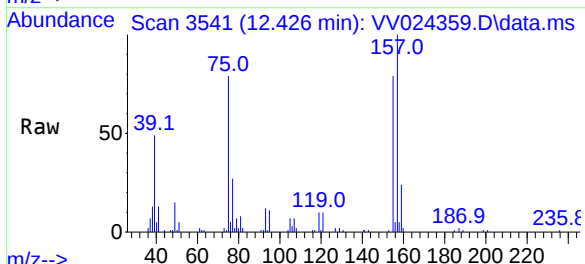
Tgt Ion: 75 Resp: 24308

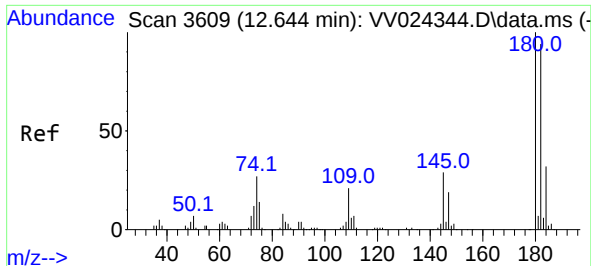
Ion Ratio Lower Upper

75 100

155 100.1 73.2 109.8

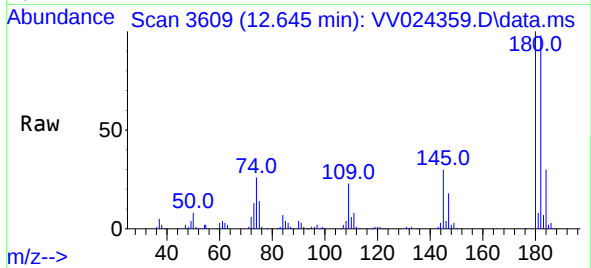
157 127.3 98.5 147.7



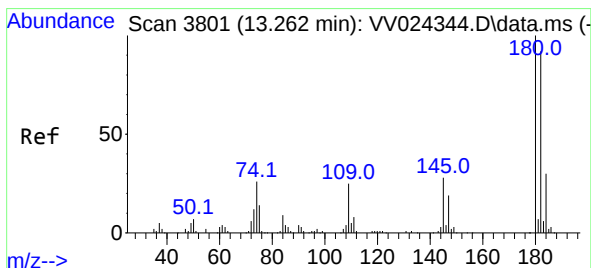
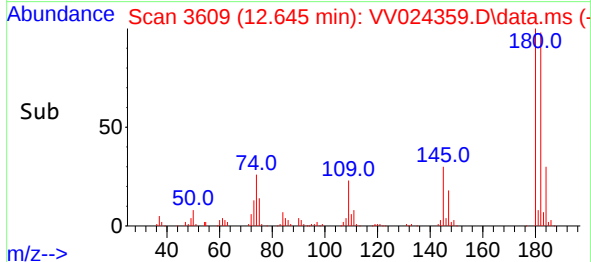
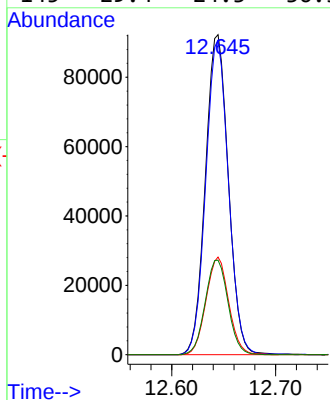


#69
1,3,5-Trichlorobenzene
Concen: 55.691 ug/L
RT: 12.645 min Scan# 30
Delta R.T. 0.000 min
Lab File: VV024359.D
Acq: 14 Jan 2022 12:49

Instrument :
MSVOA_V
ClientSampleId :

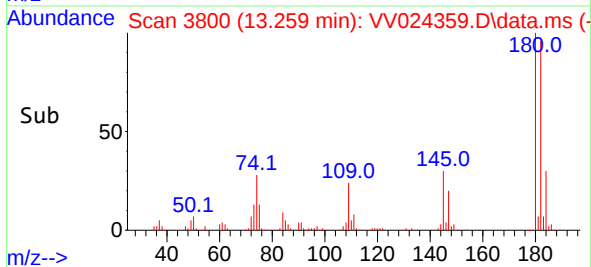
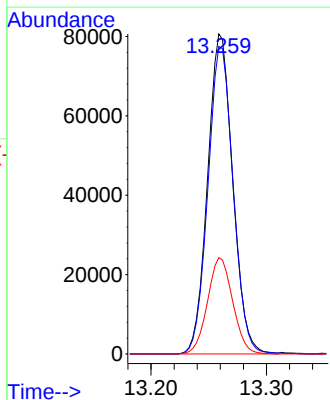
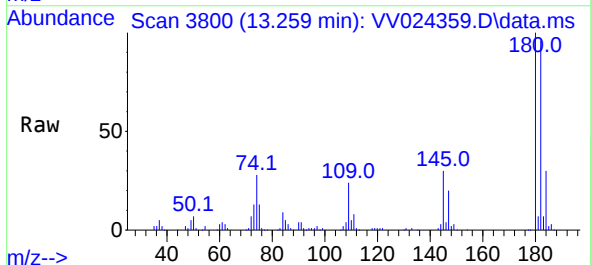


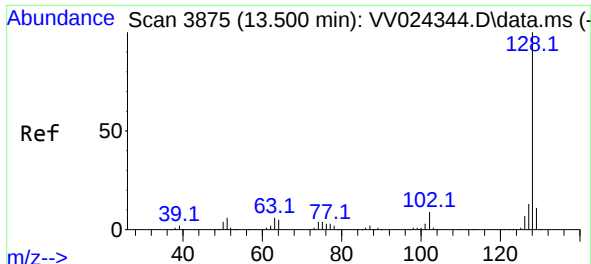
Tgt Ion:180 Resp: 141489
Ion Ratio Lower Upper
180 100
182 97.1 75.4 113.2
184 30.1 24.7 37.1
145 29.4 24.3 36.5



#70
1,2,4-trichlorobenzene
Concen: 56.044 ug/L
RT: 13.259 min Scan# 3800
Delta R.T. -0.003 min
Lab File: VV024359.D
Acq: 14 Jan 2022 12:49

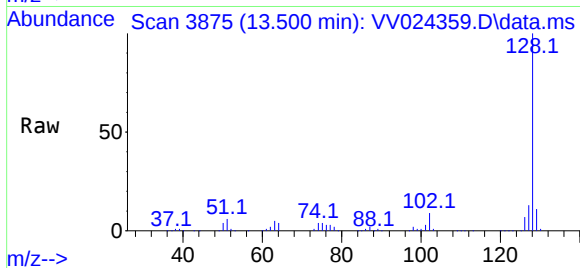
Tgt Ion:180 Resp: 121773
Ion Ratio Lower Upper
180 100
182 96.6 75.6 113.4
145 30.1 23.9 35.9



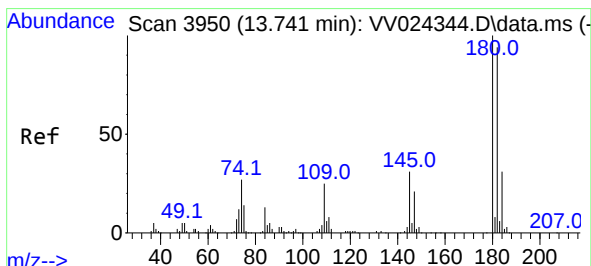
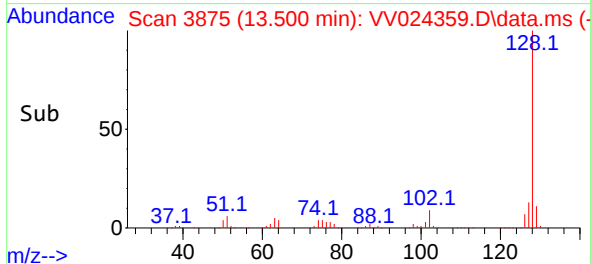
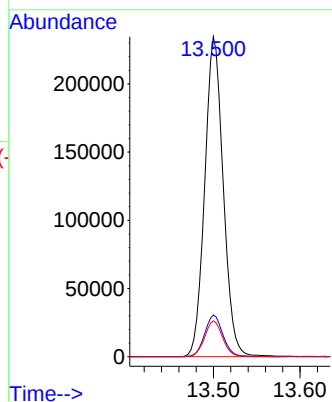


#71
Naphthalene
Concen: 55.412 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV024359.D
Acq: 14 Jan 2022 12:49

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 348339
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 55.961 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.003 min
Lab File: VV024359.D
Acq: 14 Jan 2022 12:49

Tgt Ion:180 Resp: 125669
Ion Ratio Lower Upper
180 100
182 95.2 76.1 114.1
145 31.4 25.0 37.4

