

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040522\
 Data File : VW025354.D
 Acq On : 05 Apr 2022 17:05
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005367

Quant Time: Apr 08 16:31:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 08 01:19:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	131904	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	126535	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63591	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	45590	3.700	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	74.000%	
7) Chloroethane-d5	1.568	69	45507	4.401	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.000%	
11) 1,1-Dichloroethene-d2	2.111	63	101999	3.822	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.400%	
20) 2-Butanone-d5	3.892	46	61940	50.468	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.940%	
24) Chloroform-d	4.352	84	74671	4.644	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.800%	
26) 1,2-Dichloroethane-d4	5.034	65	32275	4.541	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.800%	
32) Benzene-d6	5.050	84	138067	4.313	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.200%	
36) 1,2-Dichloropropane-d6	6.069	67	39952	4.453	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.000%	
41) Toluene-d8	7.317	98	129329	4.405	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.000%	
43) trans-1,3-Dichloroprop...	7.625	79	12373	4.228	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.600%	
46) 2-Hexanone-d5	8.088	63	47882	45.298	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.600%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	27632	4.619	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	44528	4.360	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	87.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	60129	4.564	ug/L	100
3) Chloromethane	1.243	50	69300	4.460	ug/L	98
5) Vinyl chloride	1.310	62	76069	4.383	ug/L	98
6) Bromomethane	1.523	94	48235	4.682	ug/L	99
8) Chloroethane	1.587	64	53552	4.917	ug/L	99
9) Trichlorofluoromethane	1.754	101	112392	4.790	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	61931	4.444	ug/L	98
12) 1,1-Dichloroethene	2.121	96	59645	4.491	ug/L	97
13) Acetone	2.182	43	47909	51.156	ug/L	76
14) Carbon disulfide	2.297	76	125297	4.554	ug/L	98
15) Methyl Acetate	2.439	43	11083	5.198	ug/L	98
16) Methylene chloride	2.510	84	47766	4.581	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	83591	4.975	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	45758	4.801	ug/L	99
19) 1,1-Dichloroethane	3.191	63	81405	5.116	ug/L	99
21) 2-Butanone	3.979	43	66373	51.505	ug/L	81
22) cis-1,2-Dichloroethene	3.915	96	48361	4.994	ug/L	96
23) Bromochloromethane	4.252	128	21571	5.340	ug/L	93
25) Chloroform	4.378	83	90034	5.100	ug/L	97

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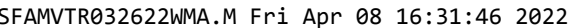
Instrument :
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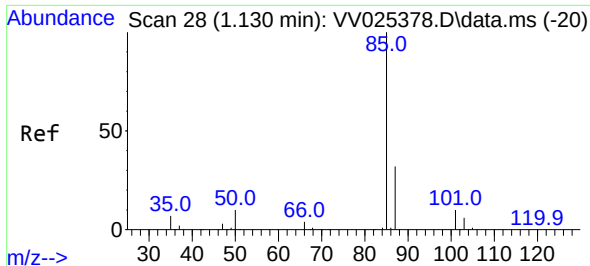
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	46847	5.138	ug/L	100
29) 1,1,1-Trichloroethane	4.609	97	79262	5.181	ug/L	98
30) Cyclohexane	4.680	56	60880	4.449	ug/L	98
31) Carbon tetrachloride	4.828	117	65409	4.939	ug/L	97
33) Benzene	5.098	78	187553	5.053	ug/L	100
34) Trichloroethene	5.915	95	49437	4.851	ug/L	96
35) Methylcyclohexane	6.133	83	69765	4.369	ug/L	99
37) 1,2-Dichloropropane	6.172	63	42719	4.962	ug/L	100
38) Bromodichloromethane	6.510	83	57346	5.258	ug/L	97
39) cis-1,3-Dichloropropene	7.030	75	53875	4.826	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	174918	50.884	ug/L	100
42) Toluene	7.387	91	202954	5.122	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	41513	4.730	ug/L	96
45) 1,1,2-Trichloroethane	7.841	97	31816	5.397	ug/L	99
47) Tetrachloroethene	7.976	164	38432	5.114	ug/L	97
48) 2-Hexanone	8.140	43	127960	52.046	ug/L	100
49) Dibromochloromethane	8.246	129	33389	5.263	ug/L	94
50) 1,2-Dibromoethane	8.352	107	28230	5.140	ug/L	94
51) Chlorobenzene	8.879	112	129130	5.047	ug/L	99
52) Ethylbenzene	9.011	91	206753	4.920	ug/L	98
53) m,p-Xylene	9.136	106	81888	5.010	ug/L	98
54) o-Xylene	9.542	106	77699	4.973	ug/L	96
55) Styrene	9.561	104	134874	5.250	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	31397	5.109	ug/L	98
59) Bromoform	9.731	173	14286	5.496	ug/L #	99
60) Isopropylbenzene	9.931	105	208636	4.947	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	23444	4.872	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	87837	4.645	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	162348	4.812	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	99104	5.017	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	96879	4.898	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	88160	5.072	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.426	75	4055	4.707	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	69212	4.858	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	51201	4.763	ug/L	100
71) Naphthalene	13.500	128	76636	4.574	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	46136	4.981	ug/L	98

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

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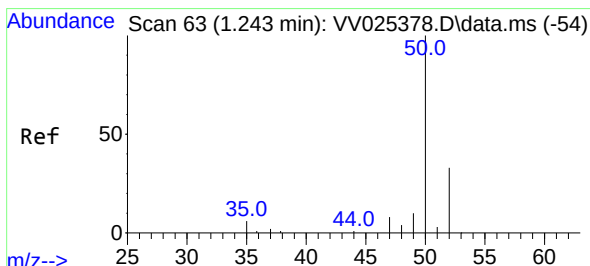
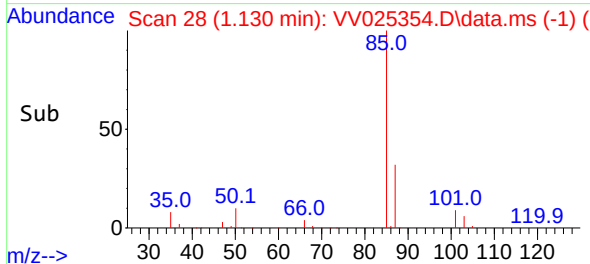
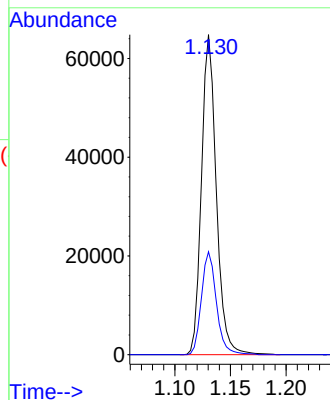
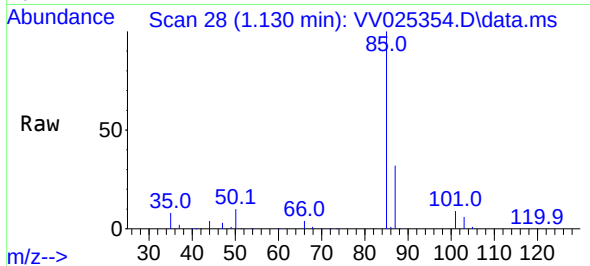




#2
 Dichlorodifluoromethane
 Concen: 4.564 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV025354.D
 Acq: 05 Apr 2022 17:05

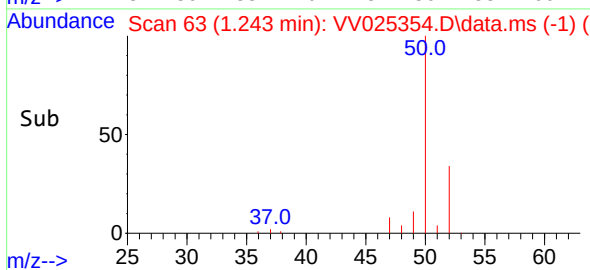
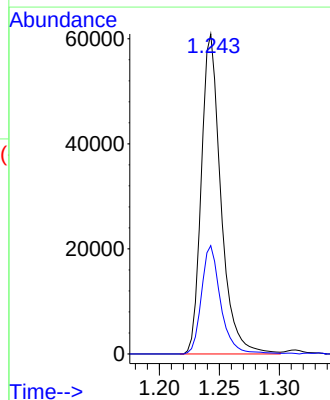
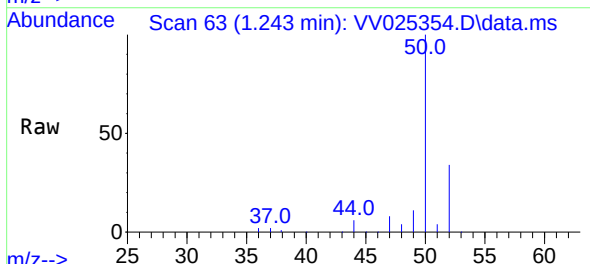
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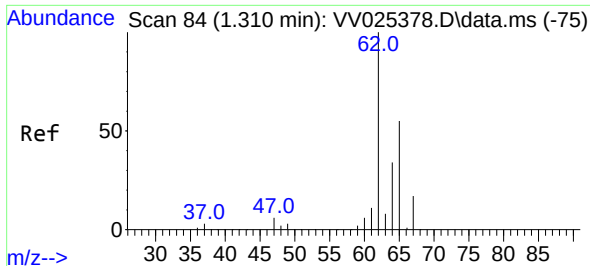
Tgt Ion: 85 Resp: 60129
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.8 38.6



#3
 Chloromethane
 Concen: 4.460 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV025354.D
 Acq: 05 Apr 2022 17:05

Tgt Ion: 50 Resp: 69300
 Ion Ratio Lower Upper
 50 100
 52 33.9 22.9 42.5

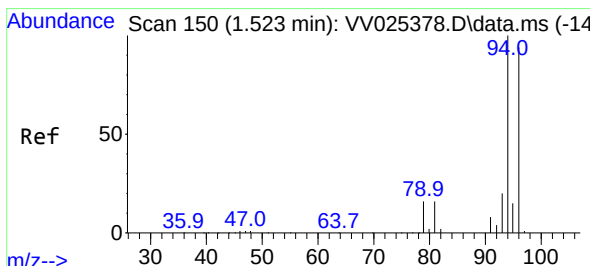
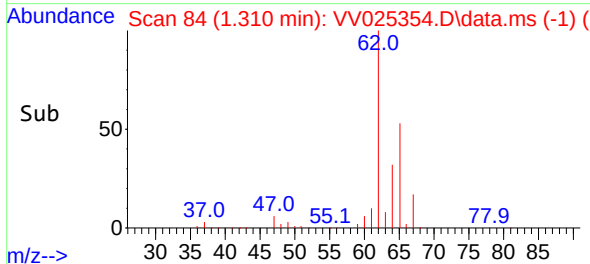
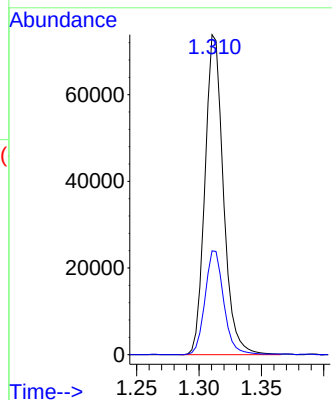
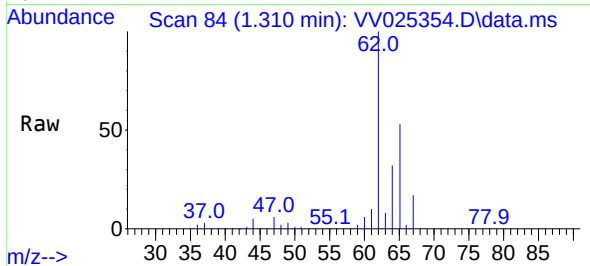




#5
 Vinyl chloride
 Concen: 4.383 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV025354.D
 Acq: 05 Apr 2022 17:05

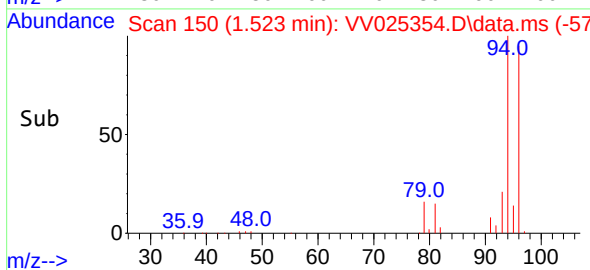
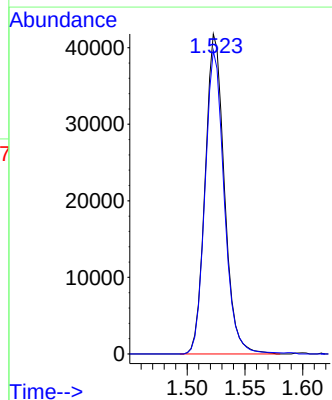
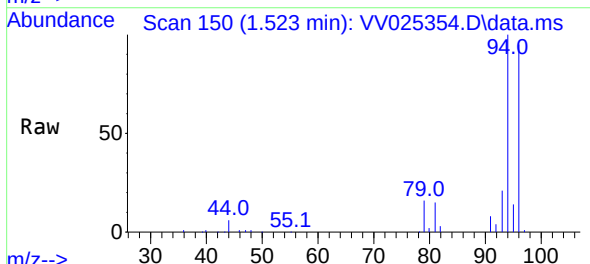
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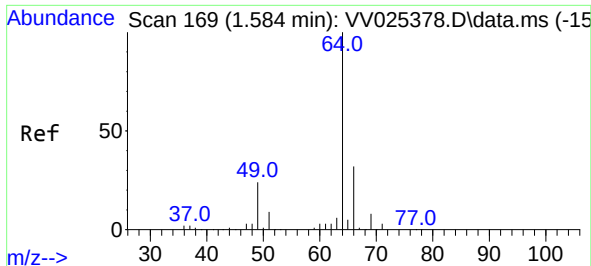
Tgt Ion: 62 Resp: 76069
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.0 40.8



#6
 Bromomethane
 Concen: 4.682 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV025354.D
 Acq: 05 Apr 2022 17:05

Tgt Ion: 94 Resp: 48235
 Ion Ratio Lower Upper
 94 100
 96 94.7 65.5 121.7

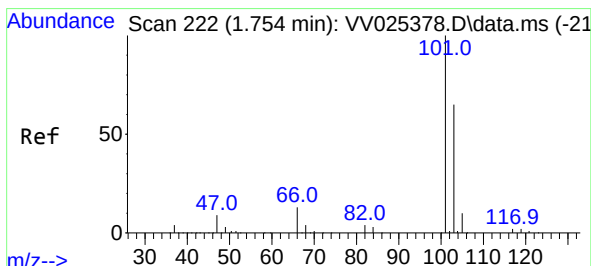
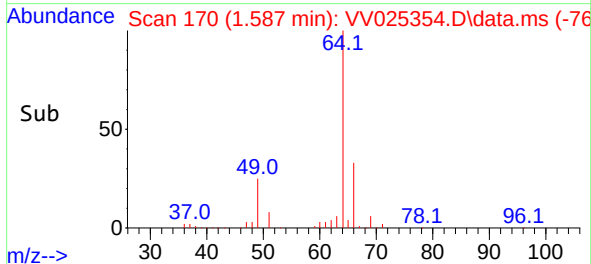
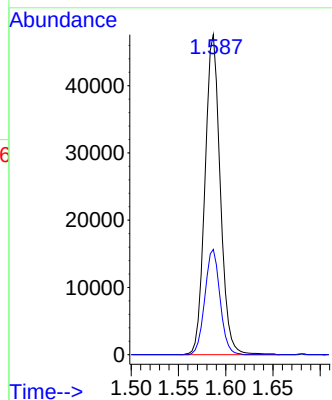
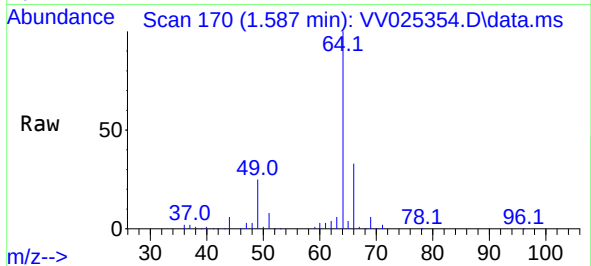




#8
Chloroethane
Concen: 4.917 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV025354.D
Acq: 05 Apr 2022 17:05

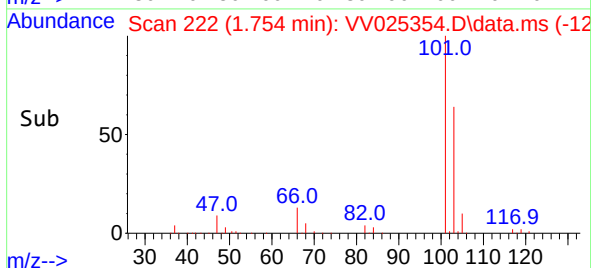
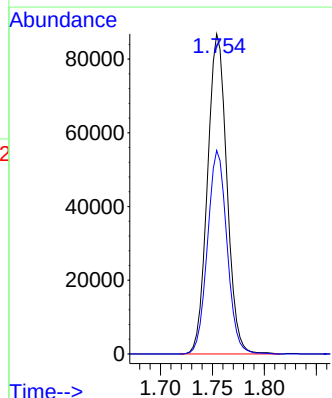
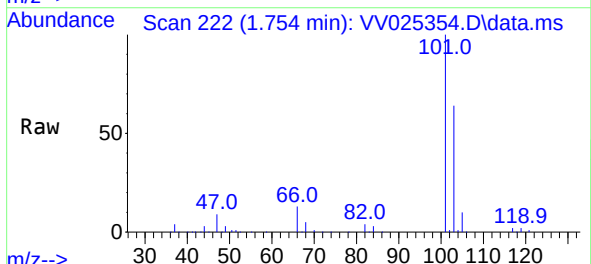
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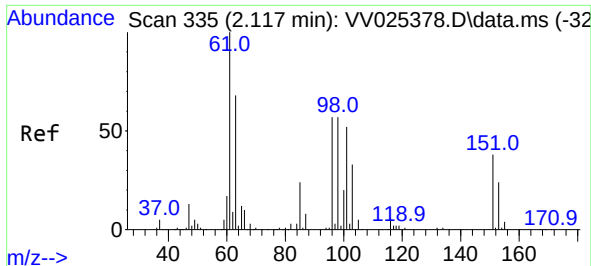
Tgt Ion: 64 Resp: 53552
Ion Ratio Lower Upper
64 100
66 32.9 23.5 43.7



#9
Trichlorofluoromethane
Concen: 4.790 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV025354.D
Acq: 05 Apr 2022 17:05

Tgt Ion: 101 Resp: 112392
Ion Ratio Lower Upper
101 100
103 64.0 52.2 78.2

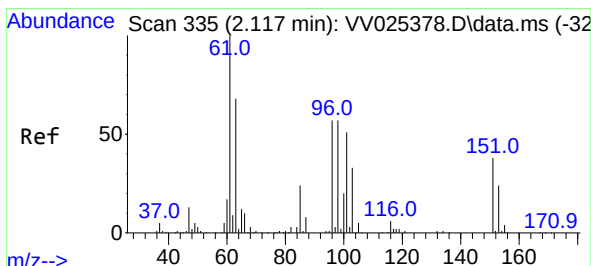
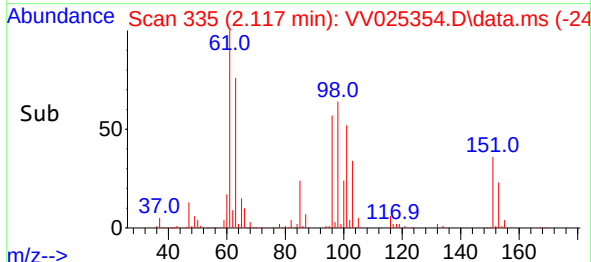
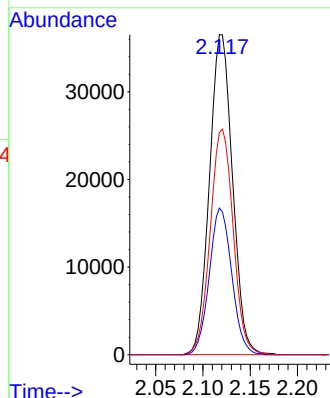
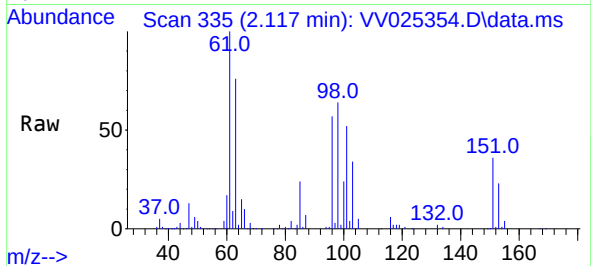




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.444 ug/L
RT: 2.117 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV025354.D
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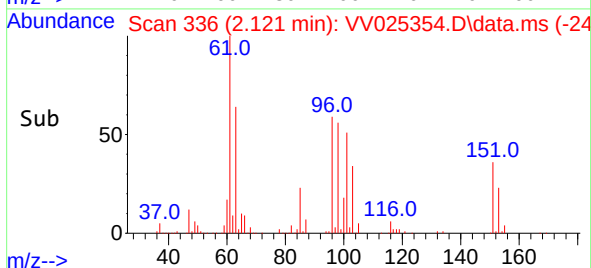
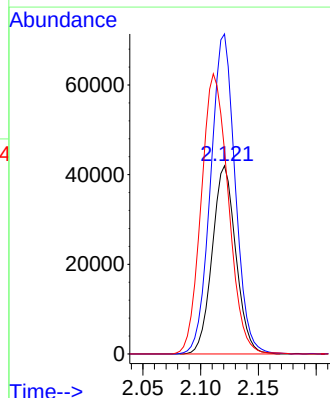
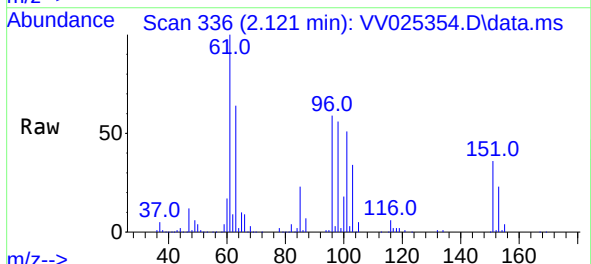
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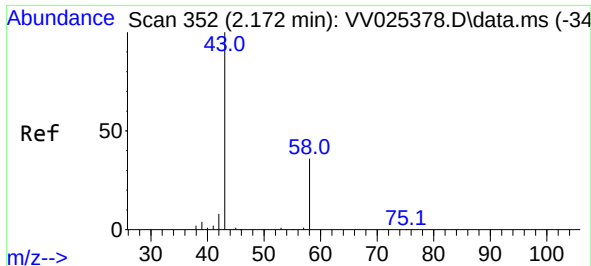
Tgt Ion:101 Resp: 61931
Ion Ratio Lower Upper
101 100
85 44.7 36.0 54.0
151 70.5 54.6 81.8



#12
1,1-Dichloroethene
Concen: 4.491 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV025354.D
Acq: 05 Apr 2022 17:05

Tgt Ion: 96 Resp: 59645
Ion Ratio Lower Upper
96 100
61 170.1 121.5 225.7
63 108.2 77.9 144.7

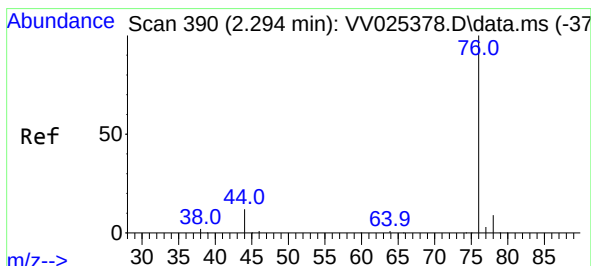
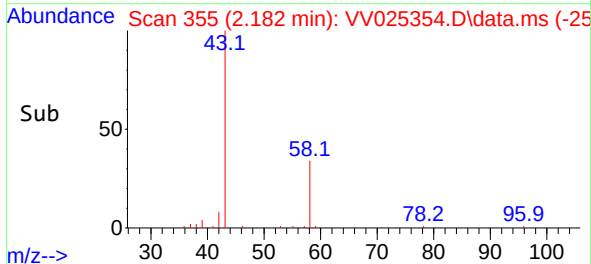
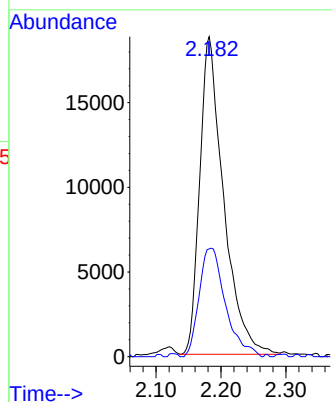
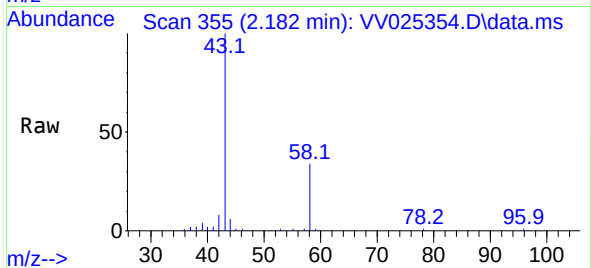




#13
Acetone
Concen: 51.156 ug/L
RT: 2.182 min Scan# 31
Delta R.T. 0.010 min
Lab File: VV025354.D
Acq: 05 Apr 2022 17:05

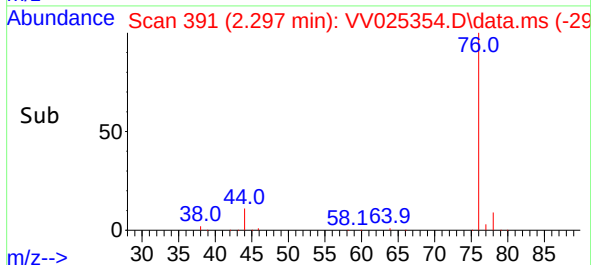
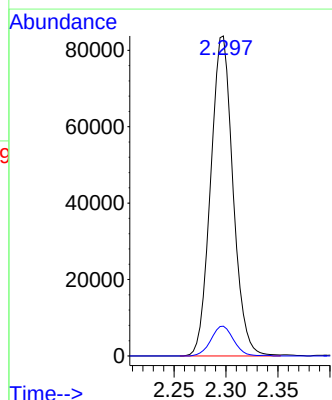
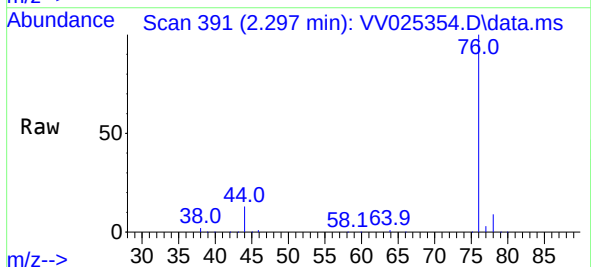
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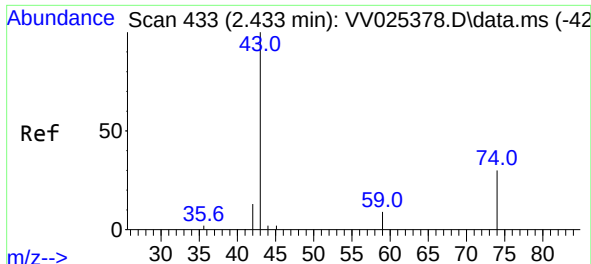
Tgt Ion: 43 Resp: 47909
Ion Ratio Lower Upper
43 100
58 37.7 0.0 51.2



#14
Carbon disulfide
Concen: 4.554 ug/L
RT: 2.297 min Scan# 391
Delta R.T. 0.003 min
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Tgt Ion: 76 Resp: 125297
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4

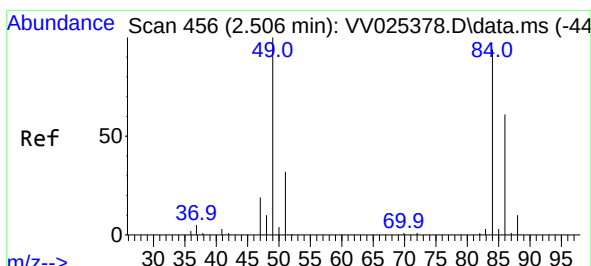
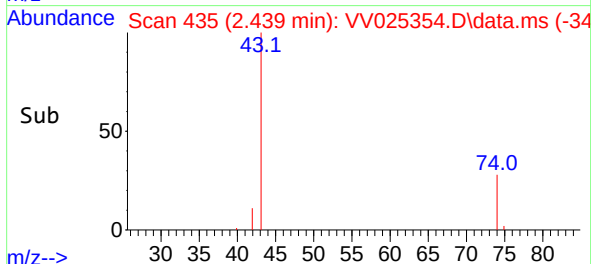
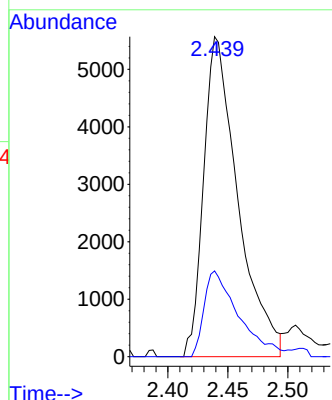
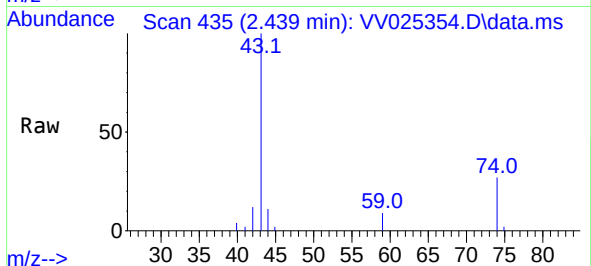




#15
Methyl Acetate
Concen: 5.198 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV025354.D
Acq: 05 Apr 2022 17:05

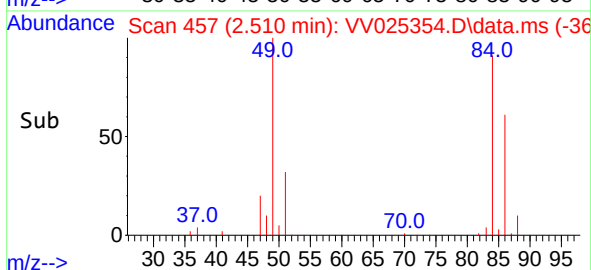
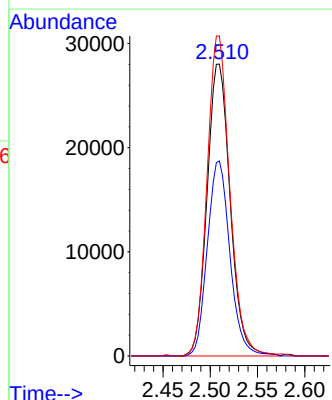
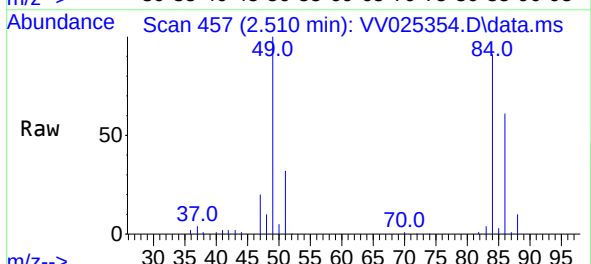
Instrument :
MSVOA_V
ClientSampleId :
VSTD005367

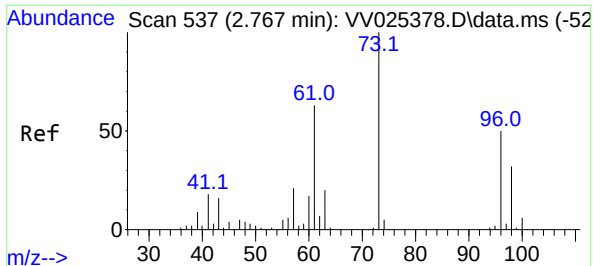
Tgt Ion: 43 Resp: 11083
Ion Ratio Lower Upper
43 100
74 26.9 20.9 31.3



#16
Methylene chloride
Concen: 4.581 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV025354.D
Acq: 05 Apr 2022 17:05

Tgt Ion: 84 Resp: 47766
Ion Ratio Lower Upper
84 100
86 66.8 43.5 80.7
49 109.6 74.5 138.3

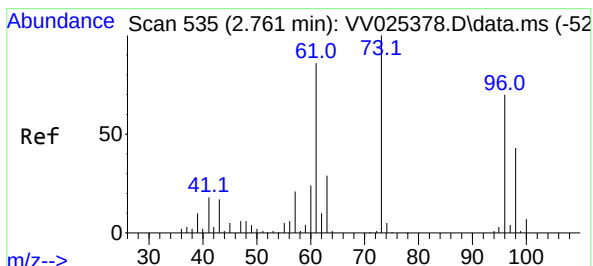
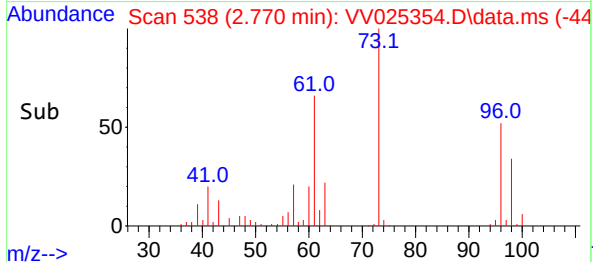
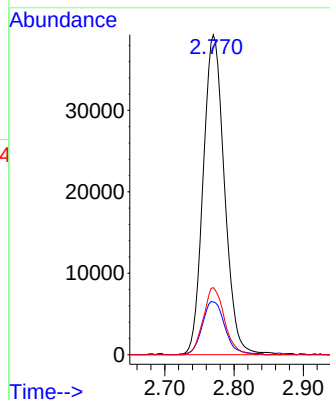
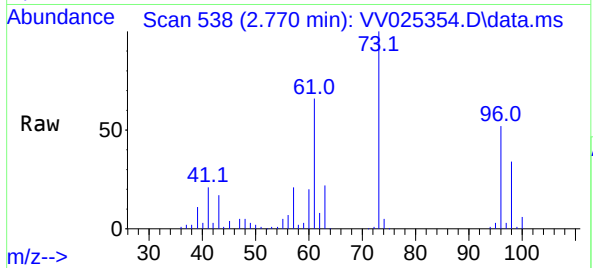




#17
Methyl tert-butyl Ether
Concen: 4.975 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV025354.D
Acq: 05 Apr 2022 17:05

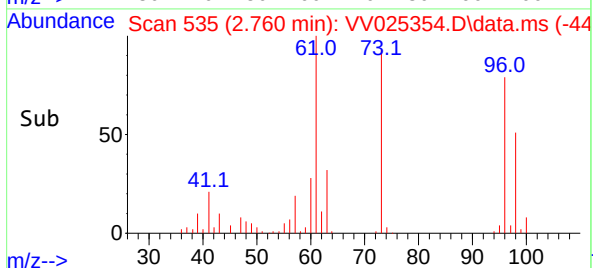
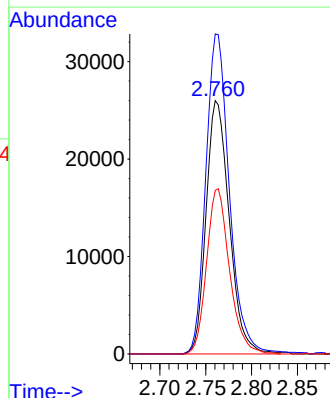
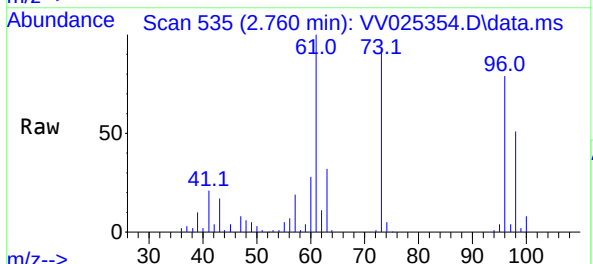
Instrument :
MSVOA_V
ClientSampleId :
VSTD005367

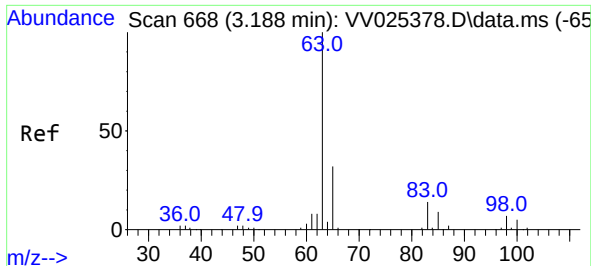
Tgt Ion: 73 Resp: 83591
Ion Ratio Lower Upper
73 100
43 17.8 13.5 20.3
57 20.9 16.4 24.6



#18
trans-1,2-Dichloroethene
Concen: 4.801 ug/L
RT: 2.760 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV025354.D
Acq: 05 Apr 2022 17:05

Tgt Ion: 96 Resp: 45758
Ion Ratio Lower Upper
96 100
61 126.3 87.6 162.8
98 64.5 44.0 81.8

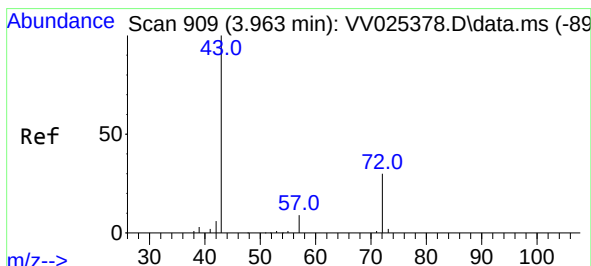
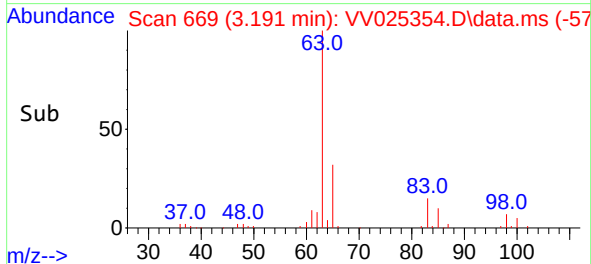
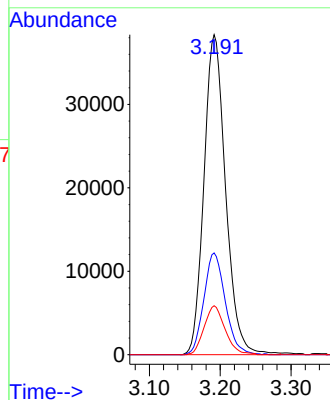
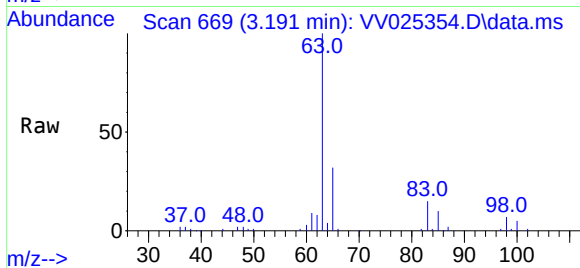




#19
1,1-Dichloroethane
Concen: 5.116 ug/L
RT: 3.191 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV025354.D
Acq: 05 Apr 2022 17:05

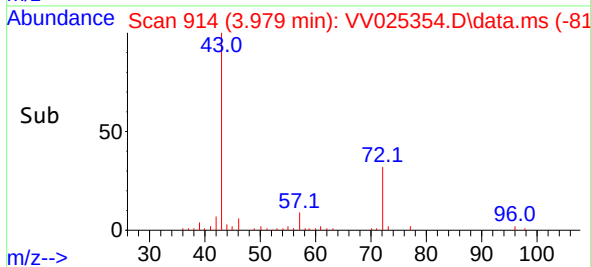
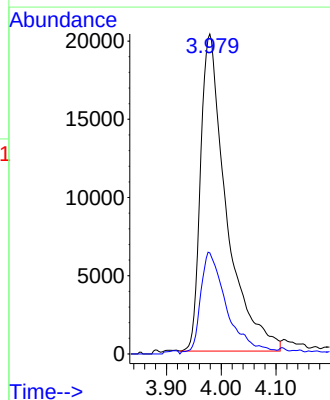
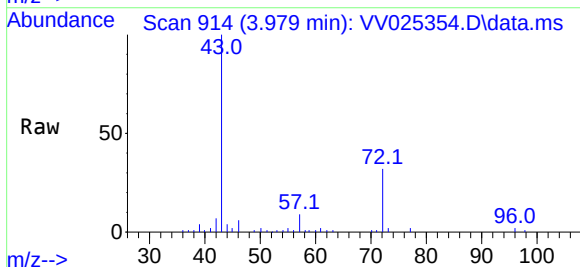
Instrument :
MSVOA_V
ClientSampleId :
VSTD005367

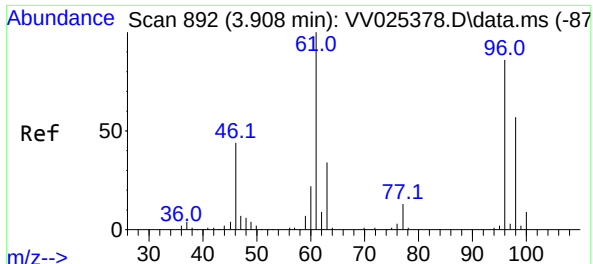
Tgt Ion: 63 Resp: 81405
Ion Ratio Lower Upper
63 100
65 31.8 22.0 40.8
83 15.3 10.2 19.0



#21
2-Butanone
Concen: 51.505 ug/L
RT: 3.979 min Scan# 914
Delta R.T. 0.016 min
Lab File: VV025354.D
Acq: 05 Apr 2022 17:05

Tgt Ion: 43 Resp: 66373
Ion Ratio Lower Upper
43 100
72 32.9 11.8 35.4

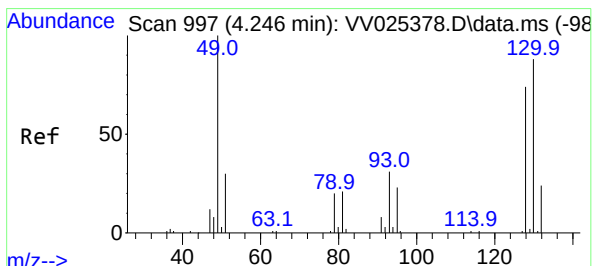
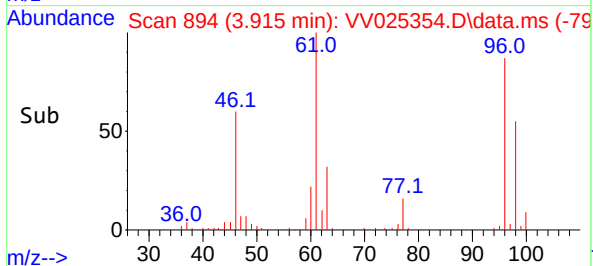
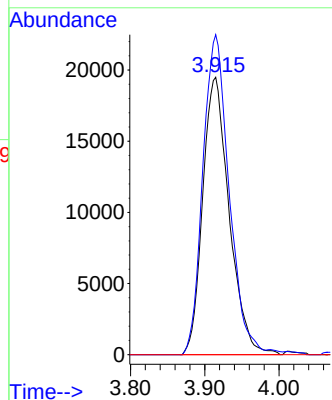
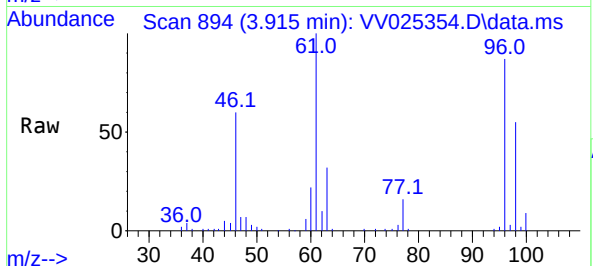




#22
 cis-1,2-Dichloroethene
 Concen: 4.994 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.006 min
 Lab File: VV025354.D
 Acq: 05 Apr 2022 17:05

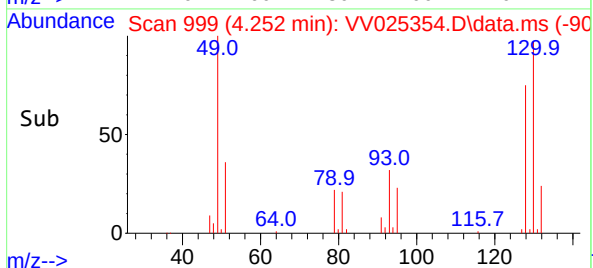
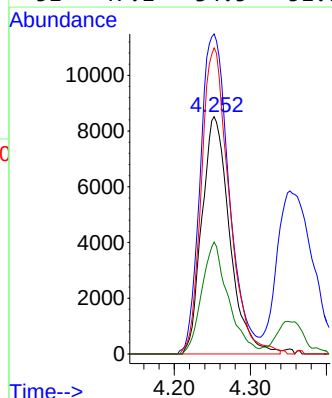
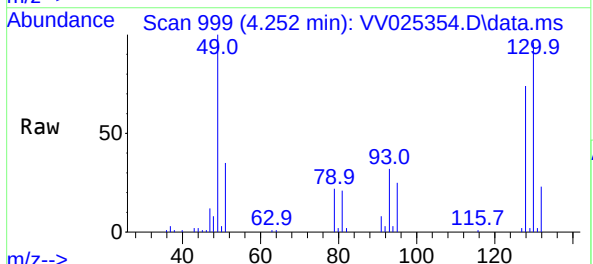
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005367

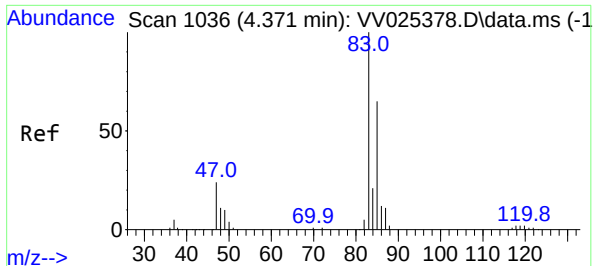
Tgt Ion: 96 Resp: 48361
 Ion Ratio Lower Upper
 96 100
 61 115.3 84.1 156.1
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.340 ug/L
 RT: 4.252 min Scan# 999
 Delta R.T. 0.006 min
 Lab File: VV025354.D
 Acq: 05 Apr 2022 17:05

Tgt Ion: 128 Resp: 21571
 Ion Ratio Lower Upper
 128 100
 49 134.8 101.4 188.4
 130 129.0 85.0 158.0
 51 47.1 34.5 51.7





#25

Chloroform

Concen: 5.100 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VV025354.D

Acq: 05 Apr 2022 17:05

Instrument :

MSVOA_V

ClientSampleId :

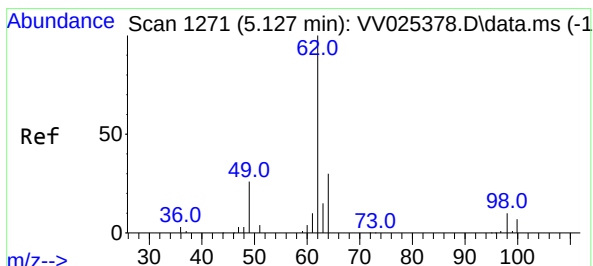
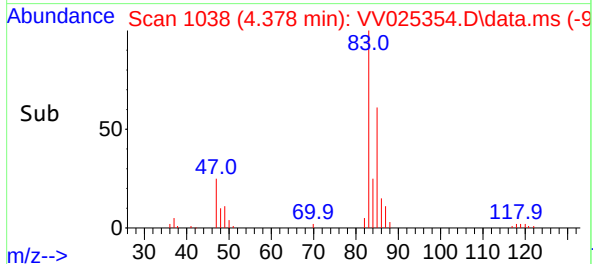
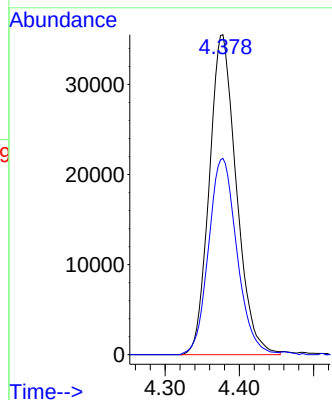
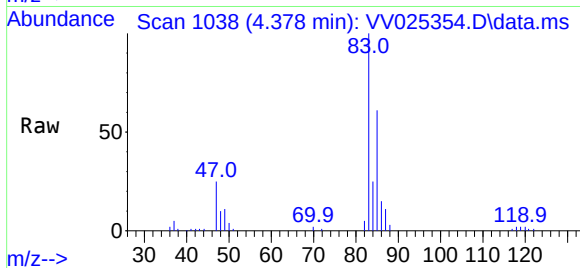
VSTD005367

Tgt Ion: 83 Resp: 90034

Ion Ratio Lower Upper

83 100

85 61.3 44.7 82.9



#27

1,2-Dichloroethane

Concen: 5.138 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.003 min

Lab File: VV025354.D

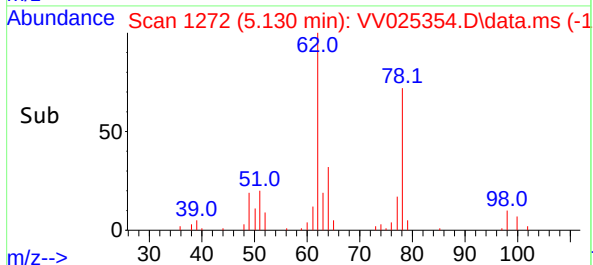
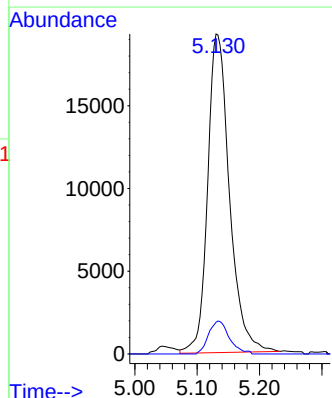
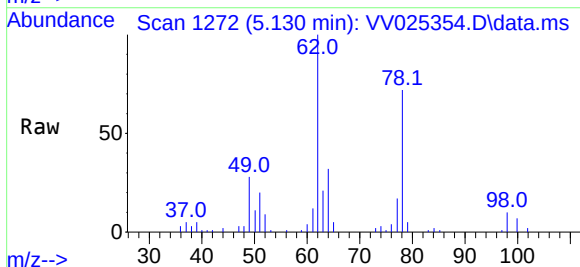
Acq: 05 Apr 2022 17:05

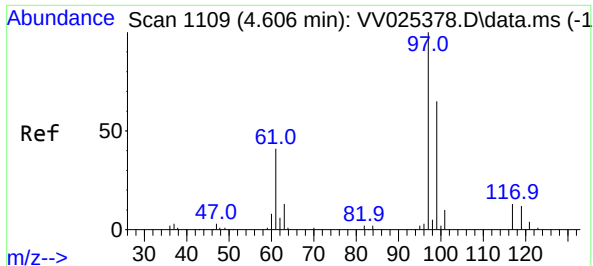
Tgt Ion: 62 Resp: 46847

Ion Ratio Lower Upper

62 100

98 9.9 7.9 11.9





#29

1,1,1-Trichloroethane

Concen: 5.181 ug/L

RT: 4.609 min Scan# 1109

Delta R.T. 0.003 min

Lab File: VV025354.D

Acq: 05 Apr 2022 17:05

Instrument :

MSVOA_V

ClientSampleId :

VSTD005367

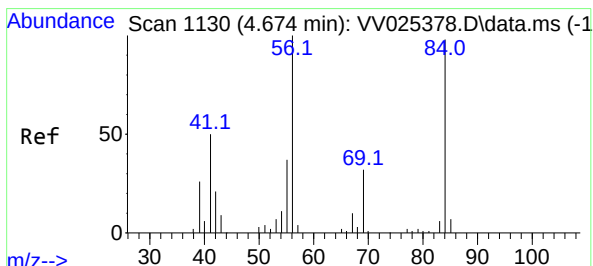
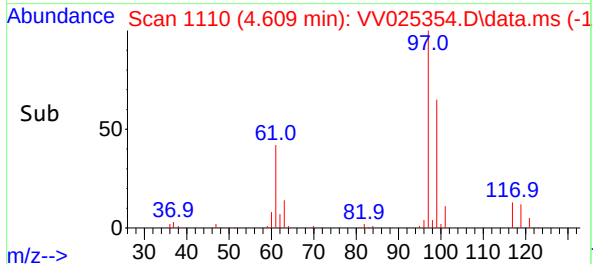
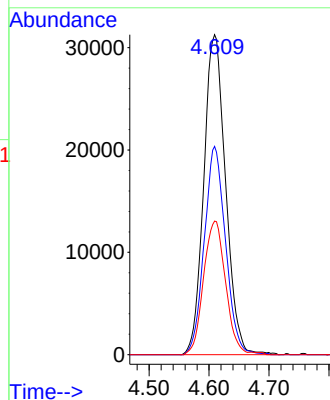
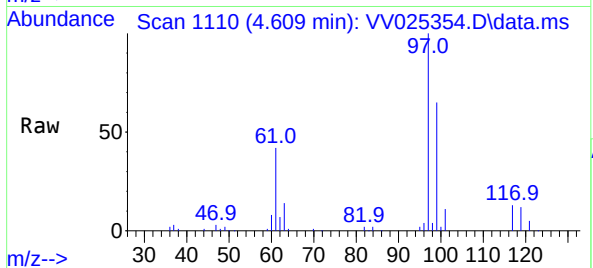
Tgt Ion: 97 Resp: 79262

Ion Ratio Lower Upper

97 100

99 63.5 51.9 77.9

61 41.9 34.2 51.2



#30

Cyclohexane

Concen: 4.449 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VV025354.D

Acq: 05 Apr 2022 17:05

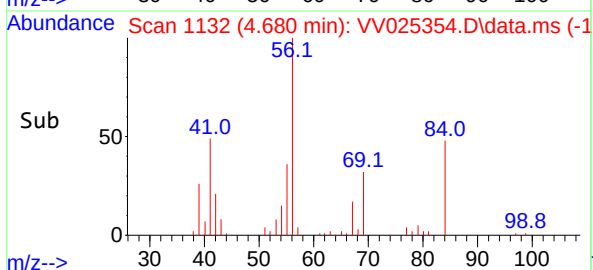
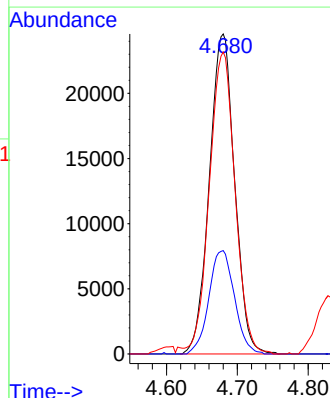
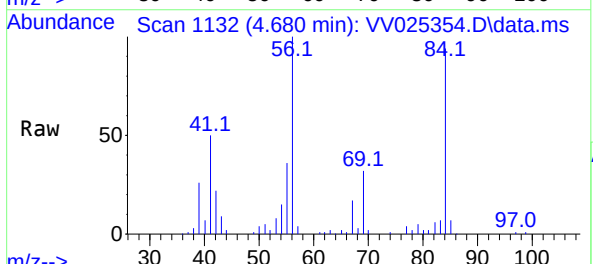
Tgt Ion: 56 Resp: 60880

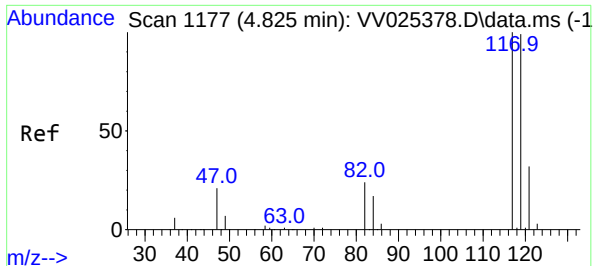
Ion Ratio Lower Upper

56 100

69 32.7 25.3 37.9

84 96.0 78.4 117.6

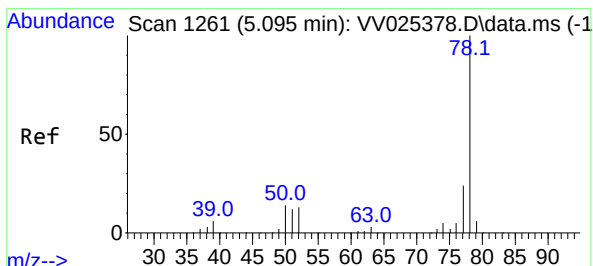
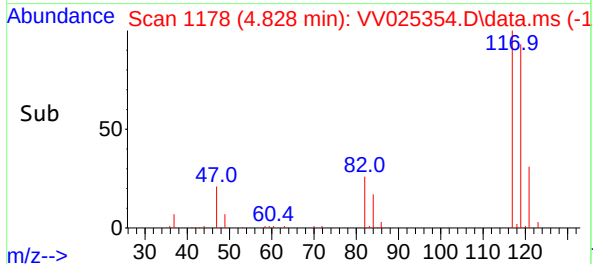
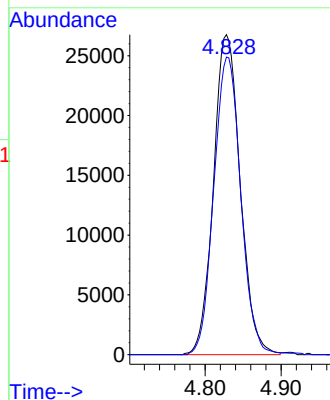
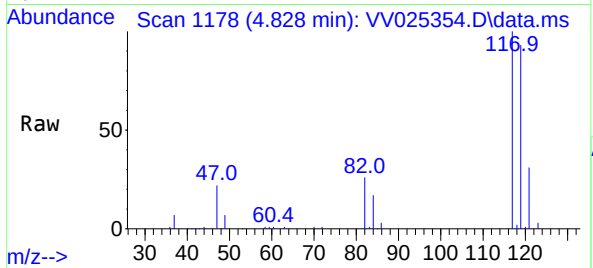




#31
Carbon tetrachloride
Concen: 4.939 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV025354.D
Acq: 05 Apr 2022 17:05

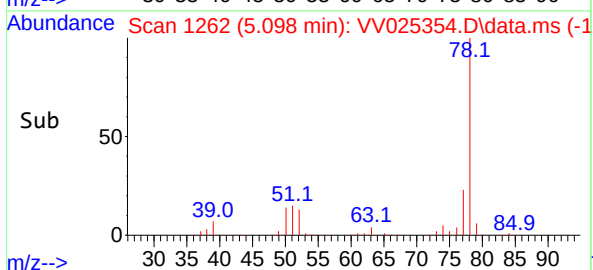
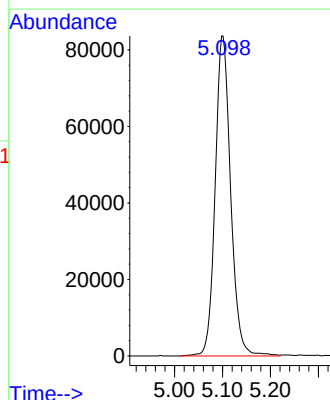
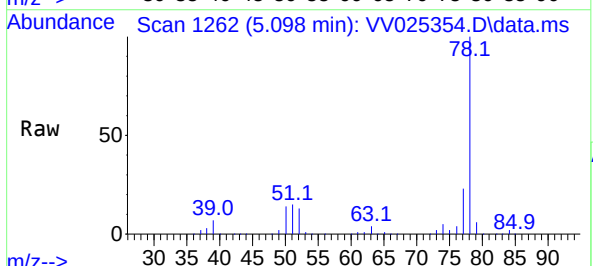
Instrument :
MSVOA_V
ClientSampleId :
VSTD005367

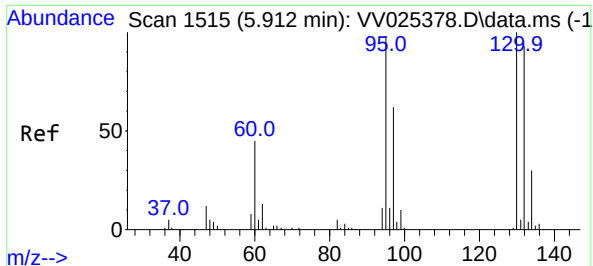
Tgt Ion:117 Resp: 65409
Ion Ratio Lower Upper
117 100
119 93.8 77.8 116.6



#33
Benzene
Concen: 5.053 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV025354.D
Acq: 05 Apr 2022 17:05

Tgt Ion: 78 Resp: 187553





#34

Trichloroethene

Concen: 4.851 ug/L

RT: 5.915 min Scan# 1515

Delta R.T. 0.003 min

Lab File: VV025354.D

Acq: 05 Apr 2022 17:05

Instrument :

MSVOA_V

ClientSampleId :

VSTD005367

Tgt Ion: 95 Resp: 49437

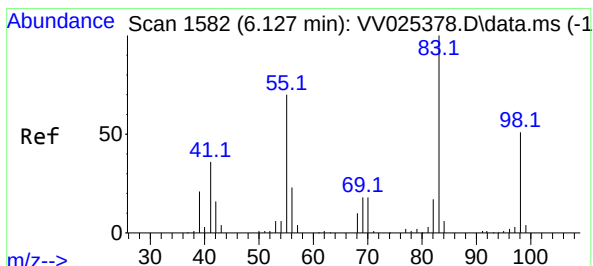
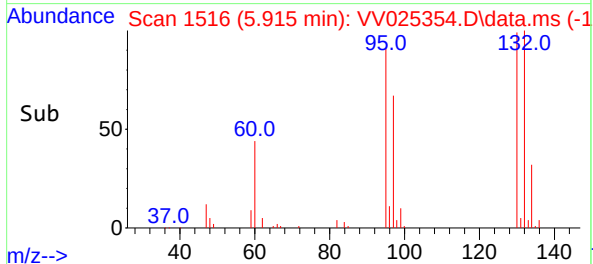
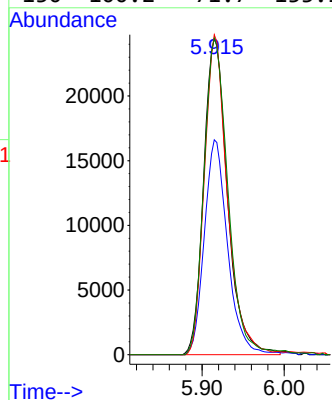
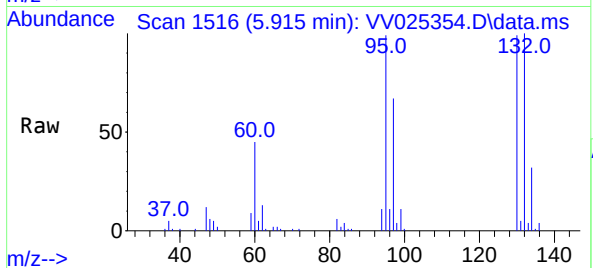
Ion Ratio Lower Upper

95 100

97 68.0 46.3 85.9

132 101.3 65.2 121.2

130 100.2 71.7 133.1



#35

Methylcyclohexane

Concen: 4.369 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.006 min

Lab File: VV025354.D

Acq: 05 Apr 2022 17:05

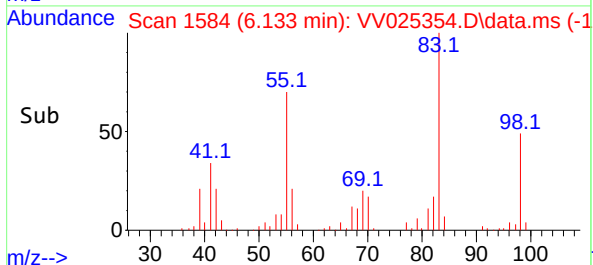
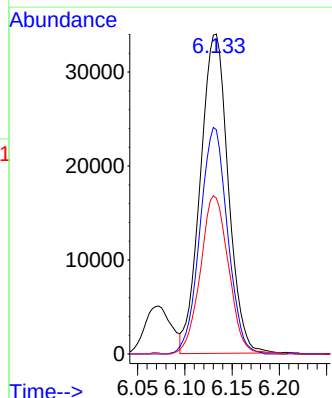
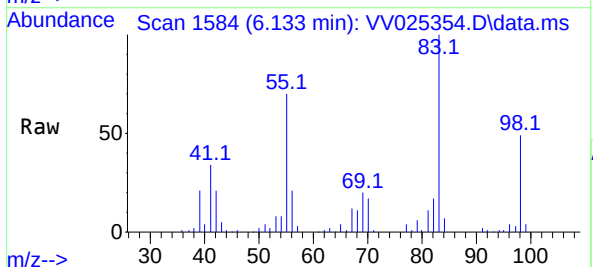
Tgt Ion: 83 Resp: 69765

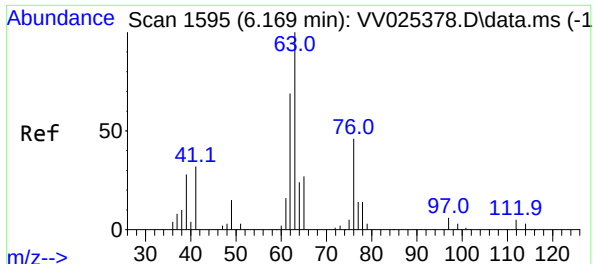
Ion Ratio Lower Upper

83 100

55 70.0 54.6 81.8

98 50.0 39.8 59.6

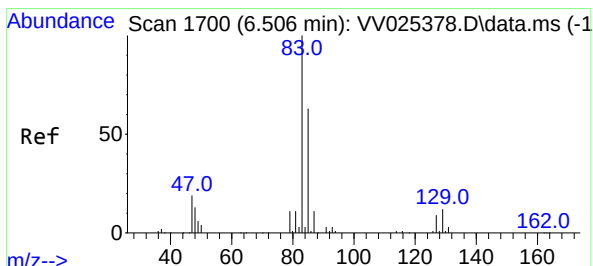
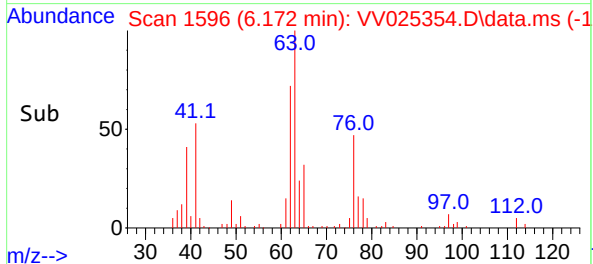
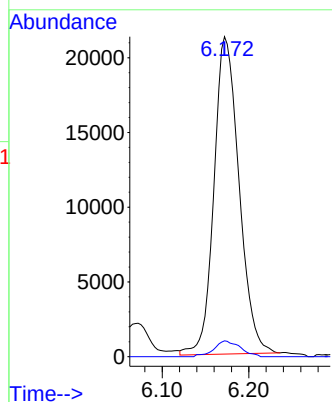
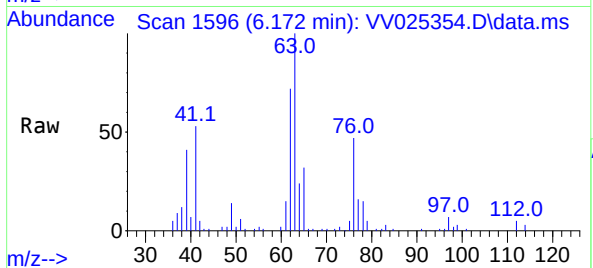




#37
1,2-Dichloropropane
Concen: 4.962 ug/L
RT: 6.172 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV025354.D
Acq: 05 Apr 2022 17:05

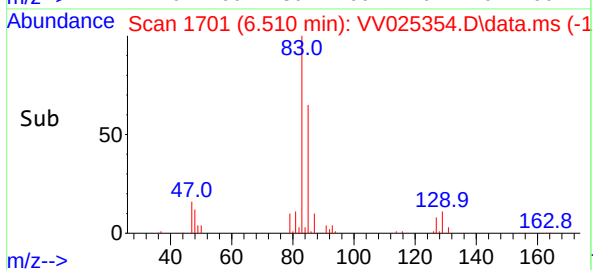
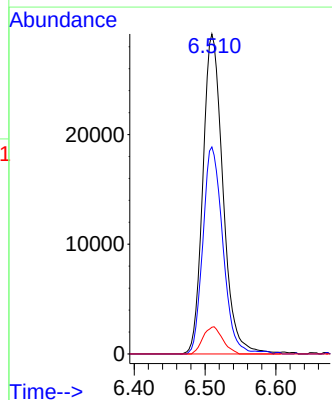
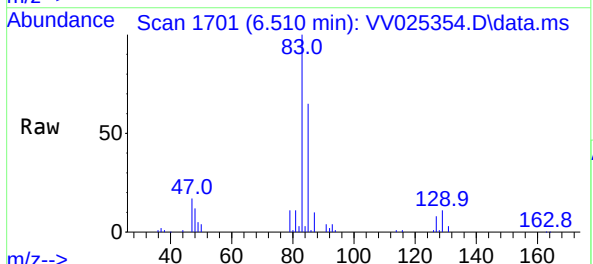
Instrument :
MSVOA_V
ClientSampleId :
VSTD005367

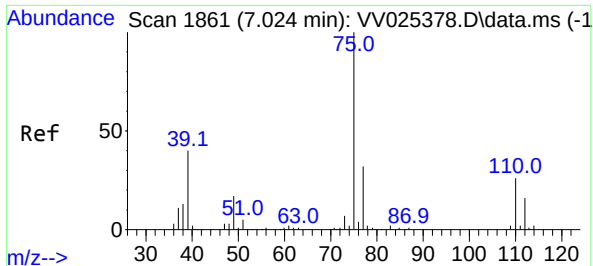
Tgt Ion: 63 Resp: 42719
Ion Ratio Lower Upper
63 100
112 5.2 4.2 6.2



#38
Bromodichloromethane
Concen: 5.258 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VV025354.D
Acq: 05 Apr 2022 17:05

Tgt Ion: 83 Resp: 57346
Ion Ratio Lower Upper
83 100
85 64.7 47.2 87.6
127 8.3 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.826 ug/L

RT: 7.030 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV025354.D

Acq: 05 Apr 2022 17:05

Instrument :

MSVOA_V

ClientSampleId :

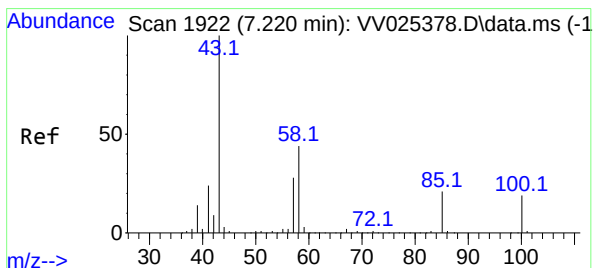
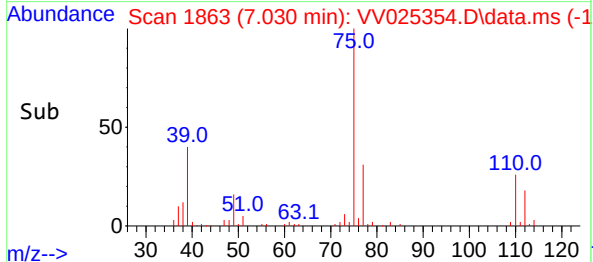
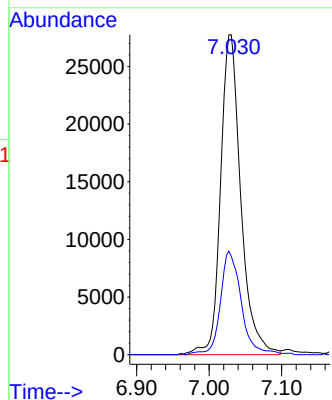
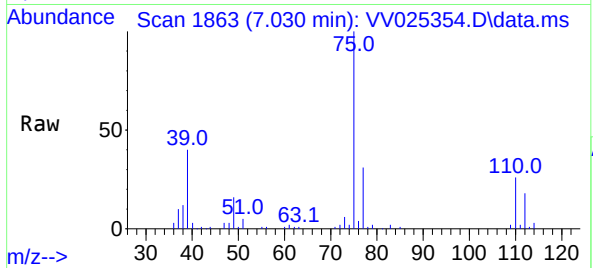
VSTD005367

Tgt Ion: 75 Resp: 53875

Ion Ratio Lower Upper

75 100

77 30.7 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 50.884 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.006 min

Lab File: VV025354.D

Acq: 05 Apr 2022 17:05

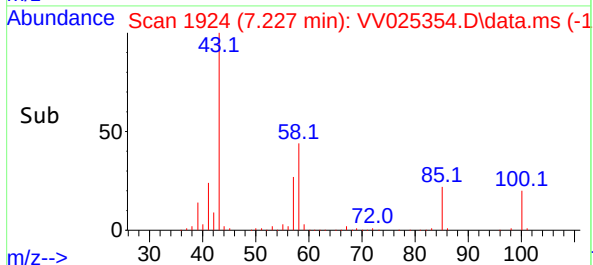
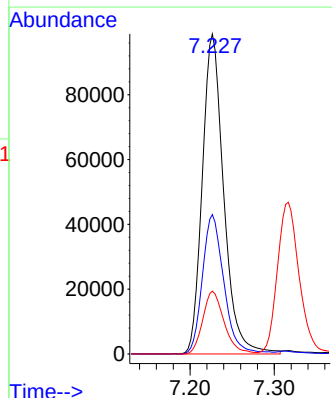
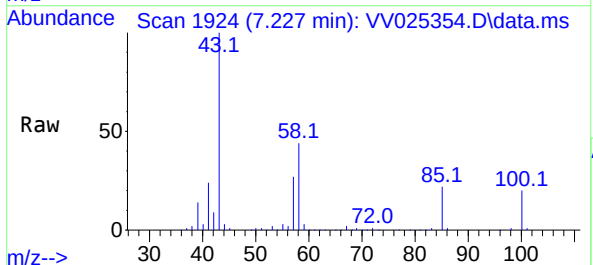
Tgt Ion: 43 Resp: 174918

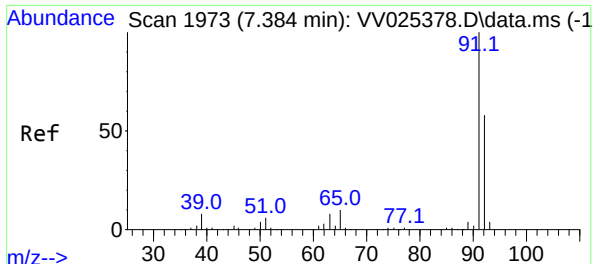
Ion Ratio Lower Upper

43 100

58 43.7 35.1 52.7

100 19.5 15.5 23.3





#42

Toluene

Concen: 5.122 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV025354.D

Acq: 05 Apr 2022 17:05

Instrument :

MSVOA_V

ClientSampleId :

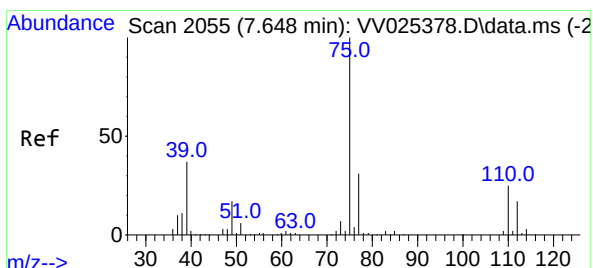
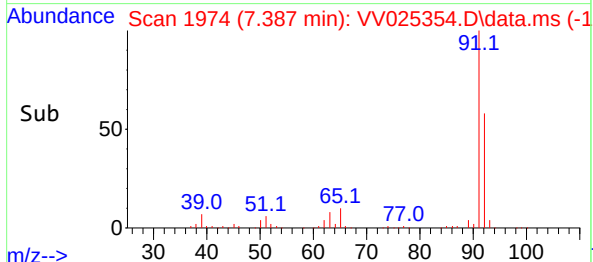
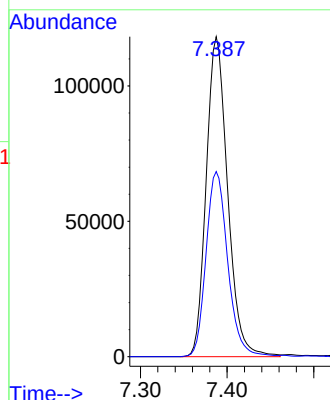
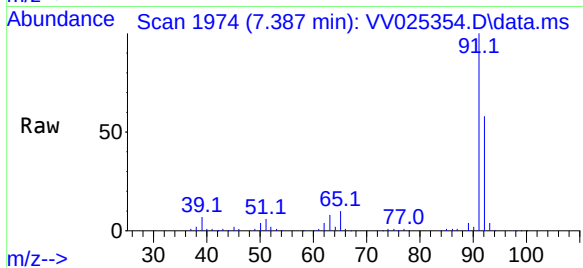
VSTD005367

Tgt Ion: 91 Resp: 202954

Ion Ratio Lower Upper

91 100

92 57.9 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 4.730 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV025354.D

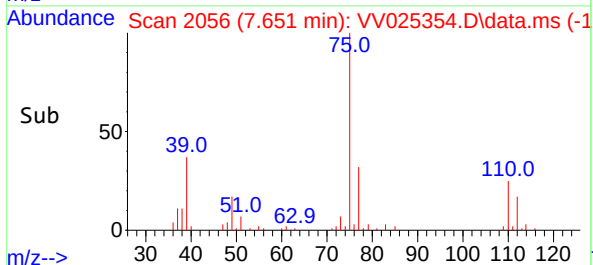
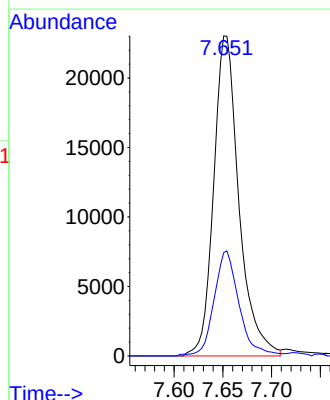
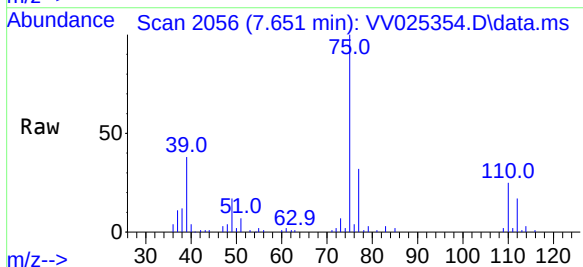
Acq: 05 Apr 2022 17:05

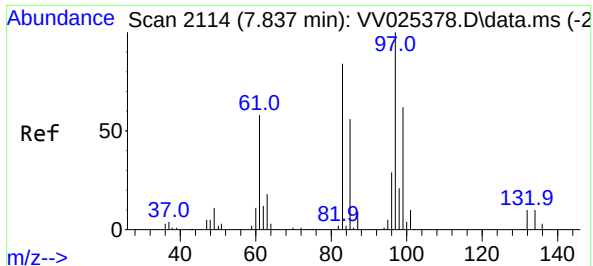
Tgt Ion: 75 Resp: 41513

Ion Ratio Lower Upper

75 100

77 32.3 24.2 45.0





#45

1,1,2-Trichloroethane

Concen: 5.397 ug/L

RT: 7.841 min Scan# 2114

Delta R.T. 0.003 min

Lab File: VV025354.D

Acq: 05 Apr 2022 17:05

Instrument :

MSVOA_V

ClientSampleId :

VSTD005367

Tgt Ion: 97 Resp: 31816

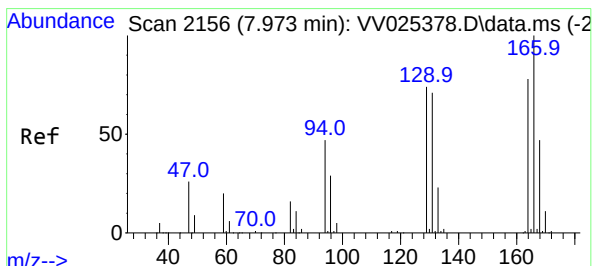
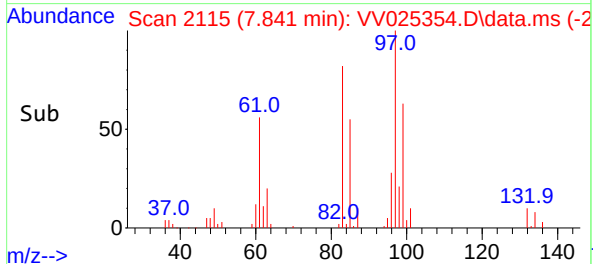
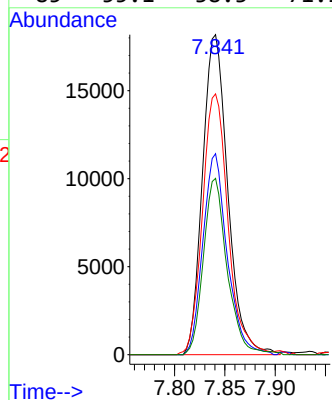
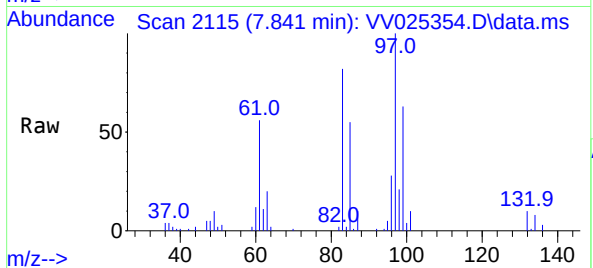
Ion Ratio Lower Upper

97 100

99 62.8 43.3 80.5

83 81.5 58.0 107.6

85 55.1 38.3 71.1



#47

Tetrachloroethene

Concen: 5.114 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV025354.D

Acq: 05 Apr 2022 17:05

Tgt Ion:164 Resp: 38432

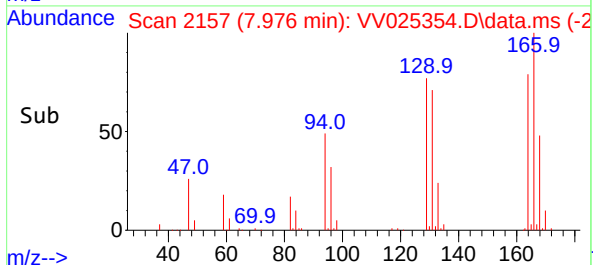
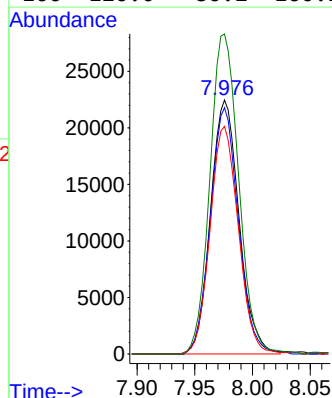
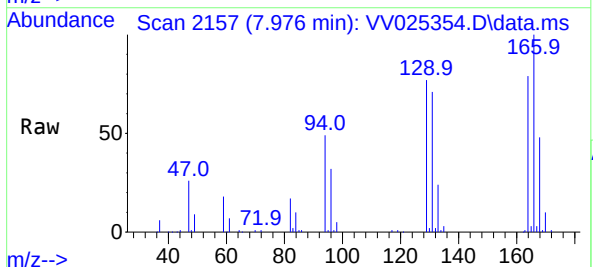
Ion Ratio Lower Upper

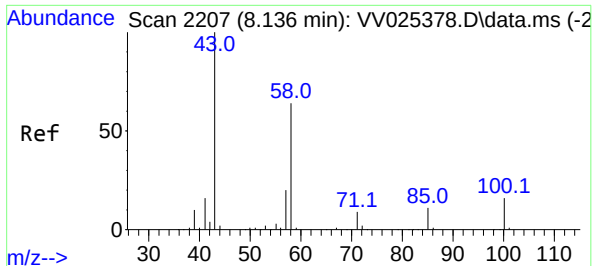
164 100

129 97.0 67.5 125.4

131 89.7 68.0 126.4

166 126.0 86.2 160.2

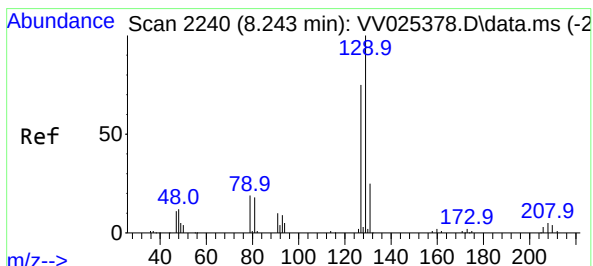
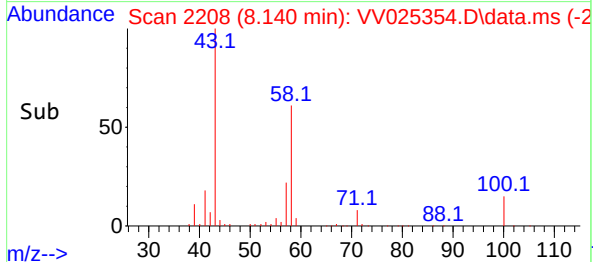
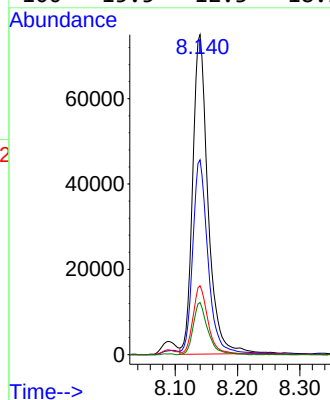
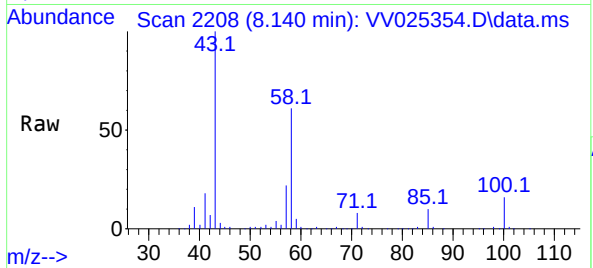




#48
2-Hexanone
Concen: 52.046 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025354.D
Acq: 05 Apr 2022 17:05

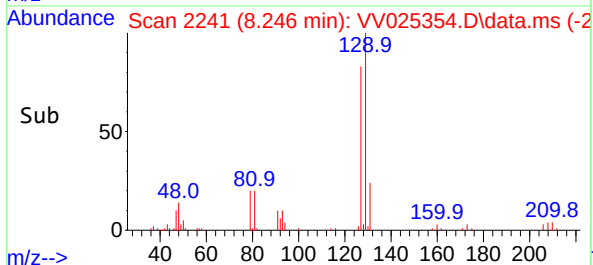
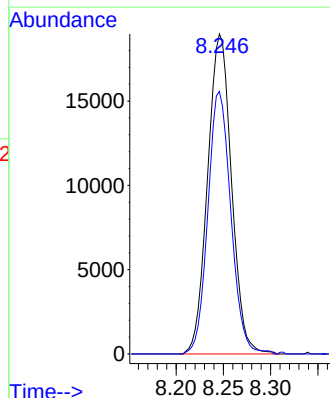
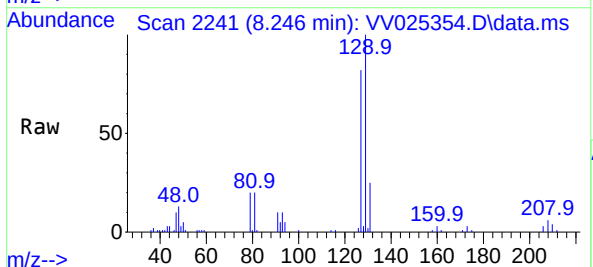
Instrument :
MSVOA_V
ClientSampleId :
VSTD005367

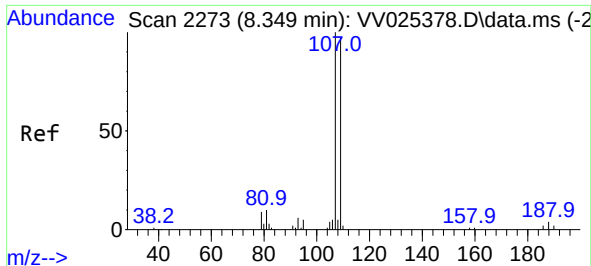
Tgt Ion: 43 Resp: 127960
Ion Ratio Lower Upper
43 100
58 60.5 48.5 72.7
57 20.8 16.9 25.3
100 15.5 12.3 18.5



#49
Dibromochloromethane
Concen: 5.263 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV025354.D
Acq: 05 Apr 2022 17:05

Tgt Ion: 129 Resp: 33389
Ion Ratio Lower Upper
129 100
127 82.1 54.1 100.5





#50

1,2-Dibromoethane

Concen: 5.140 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV025354.D

Acq: 05 Apr 2022 17:05

Instrument :

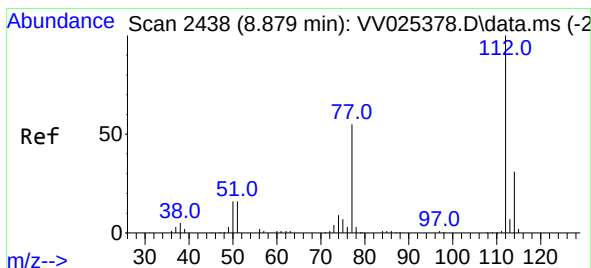
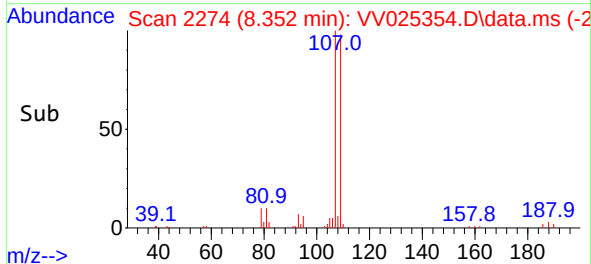
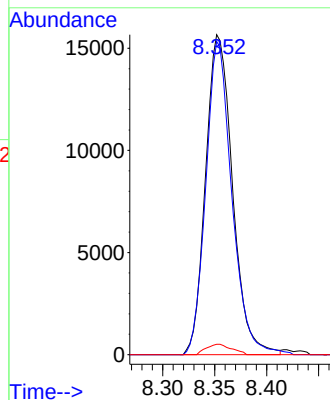
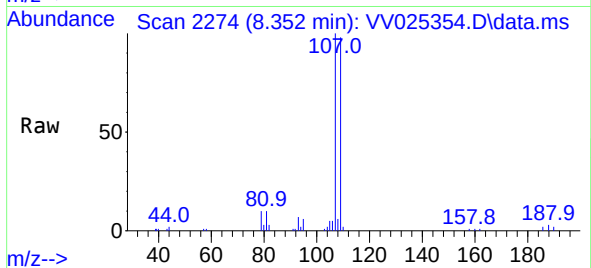
MSVOA_V

ClientSampleId :

VSTD005367

Tgt Ion:107 Resp: 28230

Ion	Ratio	Lower	Upper
107	100		
109	97.8	64.7	120.1
188	3.2	2.2	3.4



#51

Chlorobenzene

Concen: 5.047 ug/L

RT: 8.879 min Scan# 2438

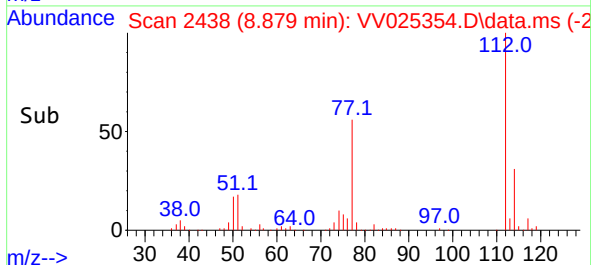
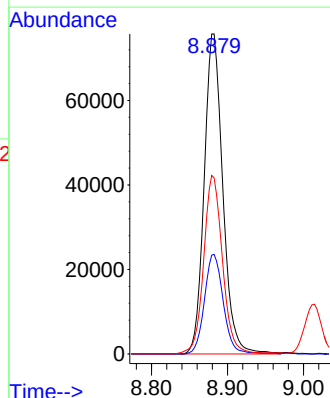
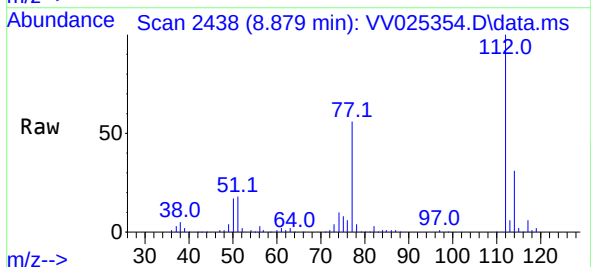
Delta R.T. -0.000 min

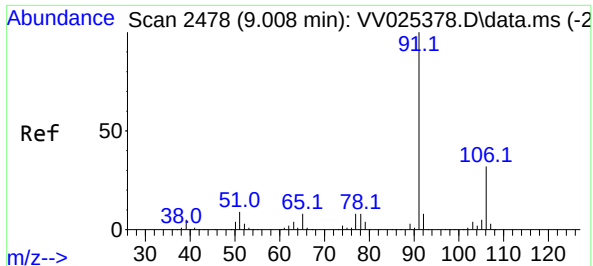
Lab File: VV025354.D

Acq: 05 Apr 2022 17:05

Tgt Ion:112 Resp: 129130

Ion	Ratio	Lower	Upper
112	100		
114	30.9	21.9	40.7
77	55.8	44.2	66.4

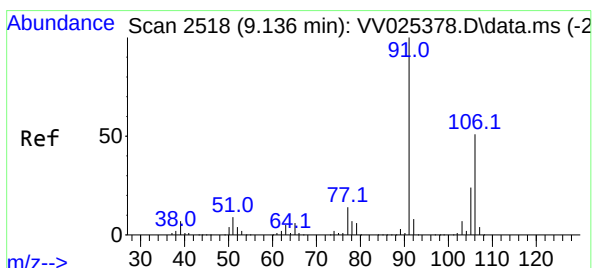
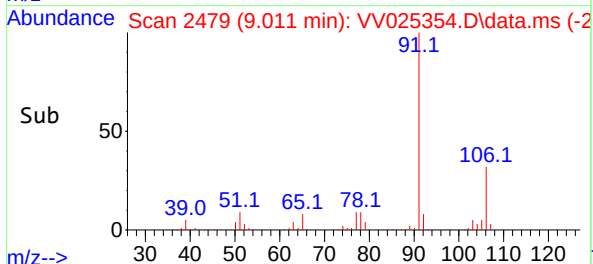
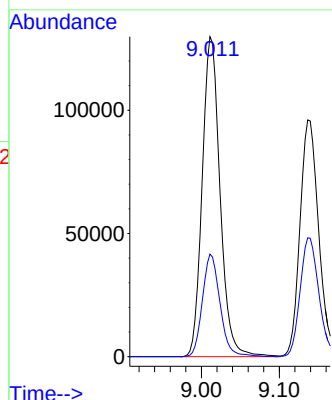
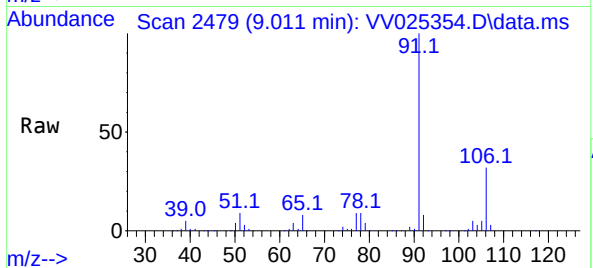




#52
Ethylbenzene
Concen: 4.920 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV025354.D
Acq: 05 Apr 2022 17:05

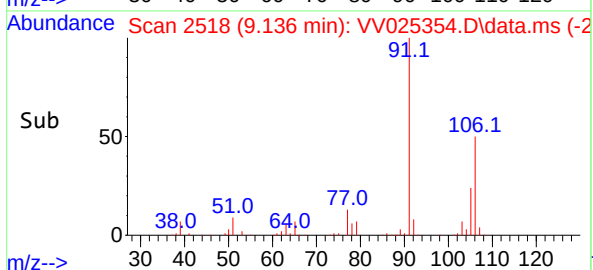
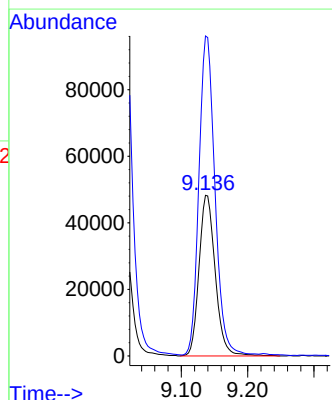
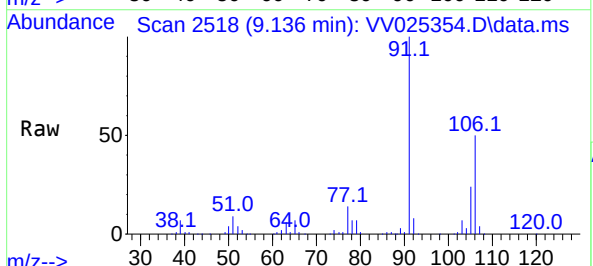
Instrument :
MSVOA_V
ClientSampleId :
VSTD005367

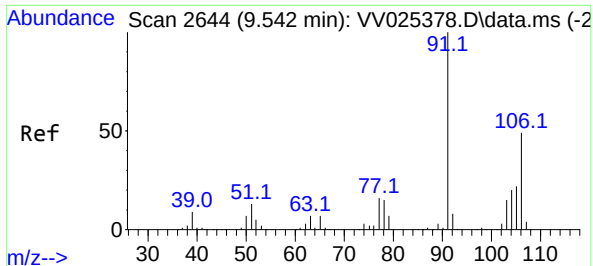
Tgt Ion: 91 Resp: 206753
Ion Ratio Lower Upper
91 100
106 32.1 21.7 40.3



#53
m,p-Xylene
Concen: 5.010 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV025354.D
Acq: 05 Apr 2022 17:05

Tgt Ion: 106 Resp: 81888
Ion Ratio Lower Upper
106 100
91 199.1 136.8 254.0

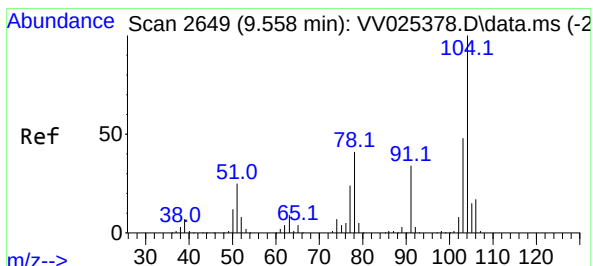
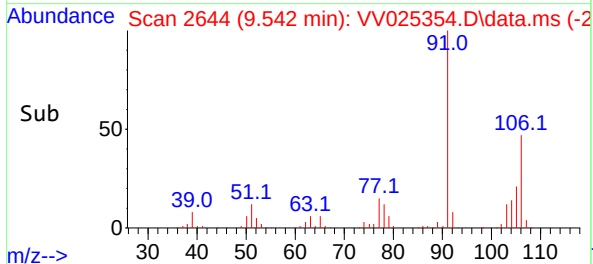
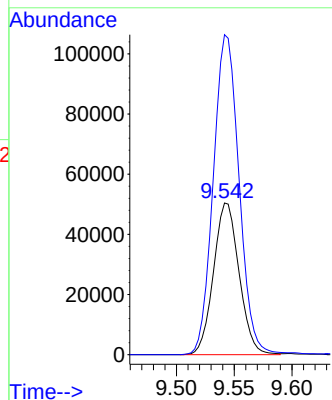
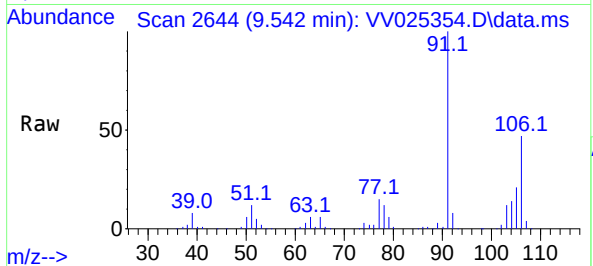




#54
o-Xylene
Concen: 4.973 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV025354.D
Acq: 05 Apr 2022 17:05

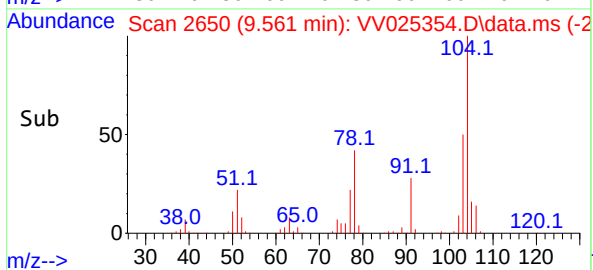
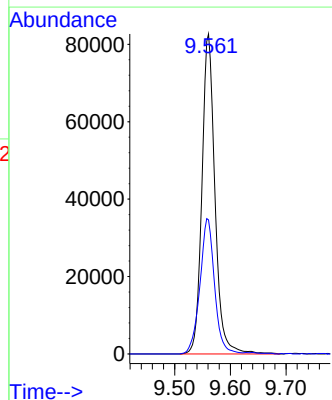
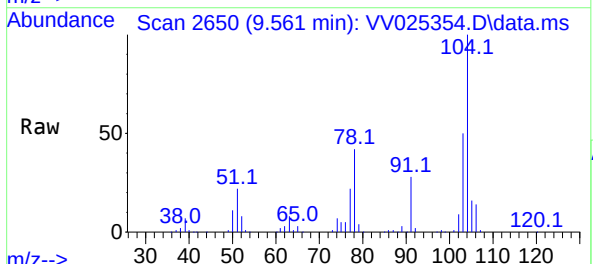
Instrument : MSVOA_V
ClientSampleId : VSTD005367

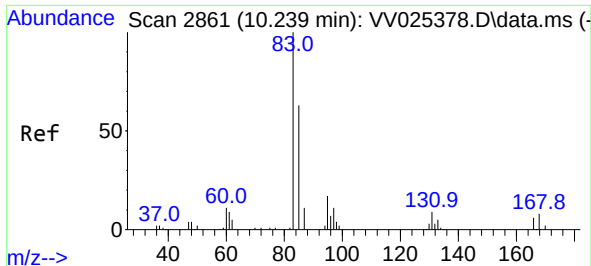
Tgt Ion:106 Resp: 77699
Ion Ratio Lower Upper
106 100
91 211.0 143.0 265.6



#55
Styrene
Concen: 5.250 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV025354.D
Acq: 05 Apr 2022 17:05

Tgt Ion:104 Resp: 134874
Ion Ratio Lower Upper
104 100
78 41.9 30.1 55.9

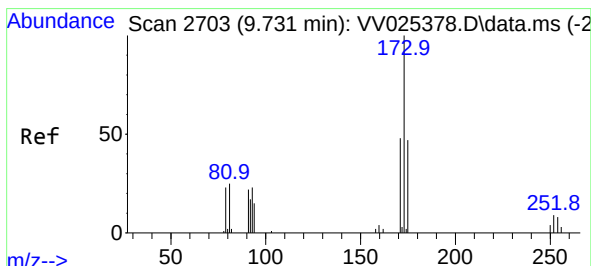
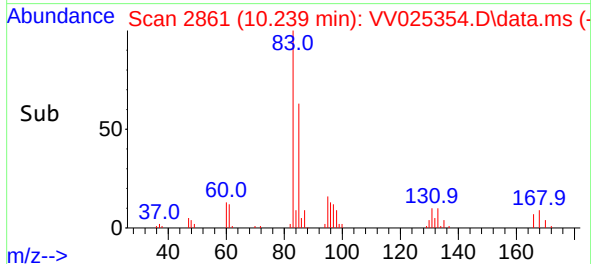
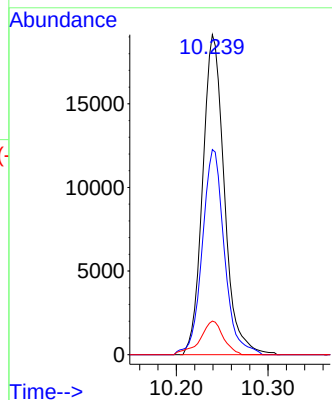
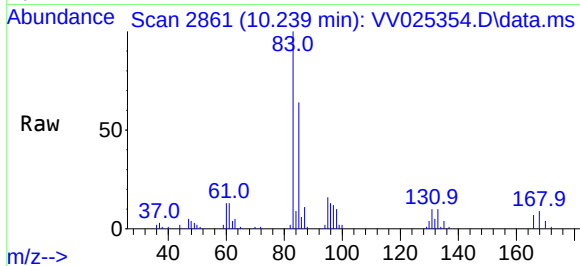




#57
1,1,2,2-Tetrachloroethane
Concen: 5.109 ug/L
RT: 10.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV025354.D
Acq: 05 Apr 2022 17:05

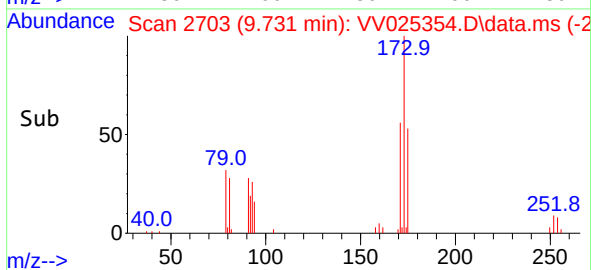
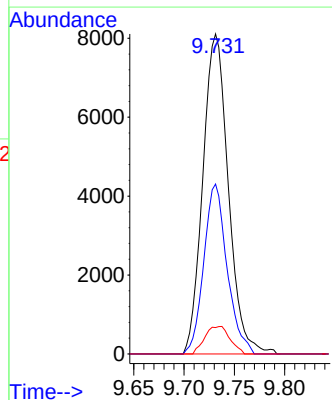
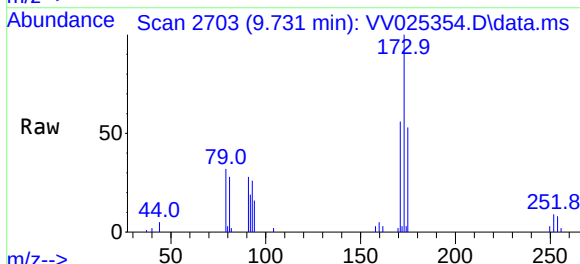
Instrument :
MSVOA_V
ClientSampleId :
VSTD005367

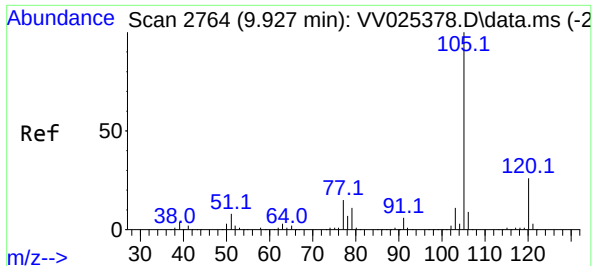
Tgt Ion: 83	Resp:	31397	
Ion Ratio	Lower	Upper	
83	100		
85	64.1	46.2	85.8
131	10.5	8.1	12.1



#59
Bromoform
Concen: 5.496 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV025354.D
Acq: 05 Apr 2022 17:05

Tgt Ion:173	Resp:	14286	
Ion	Ratio	Lower	Upper
173	100		
175	48.5	39.4	59.0
254	8.5	5.6	8.4#

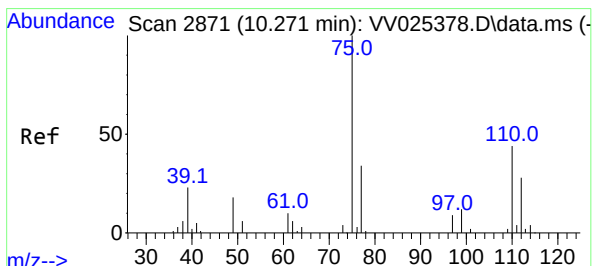
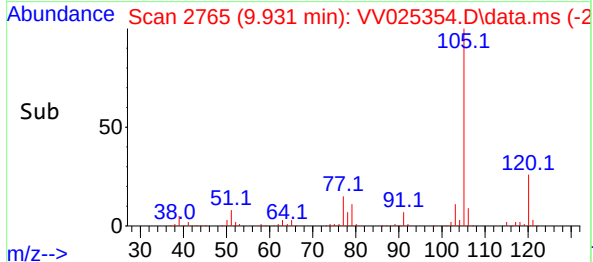
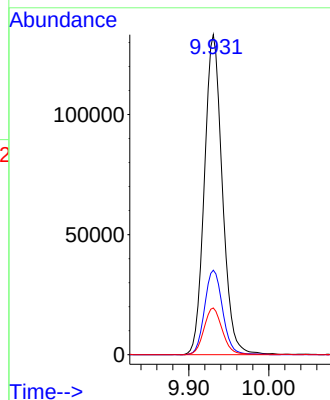
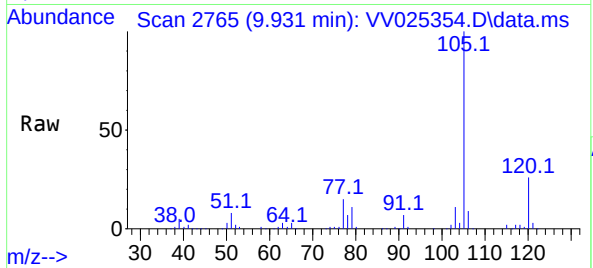




#60
Isopropylbenzene
Concen: 4.947 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025354.D
Acq: 05 Apr 2022 17:05

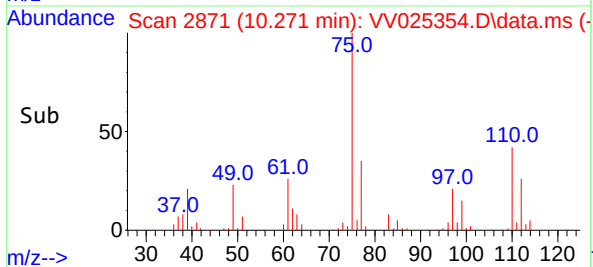
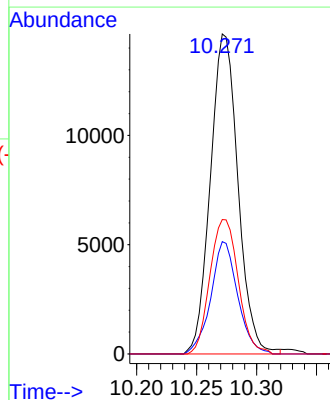
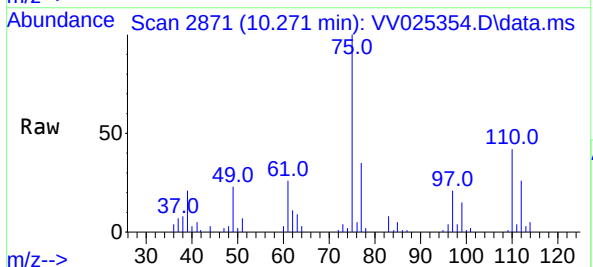
Instrument :
MSVOA_V
ClientSampleId :
VSTD005367

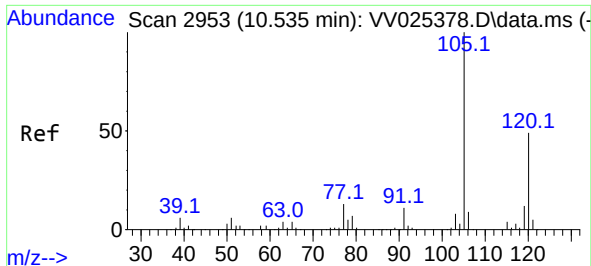
Tgt Ion:105 Resp: 208636
Ion Ratio Lower Upper
105 100
120 26.6 21.1 31.7
77 14.9 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 4.872 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV025354.D
Acq: 05 Apr 2022 17:05

Tgt Ion: 75 Resp: 23444
Ion Ratio Lower Upper
75 100
77 34.1 25.8 38.6
110 43.1 31.6 47.4

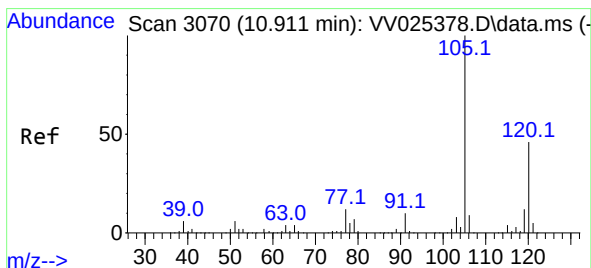
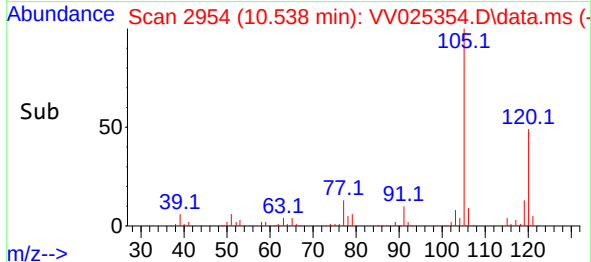
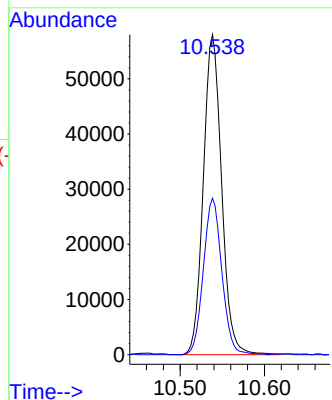
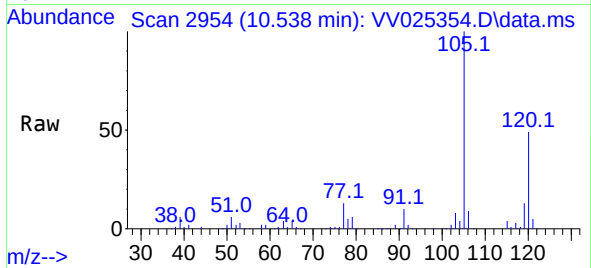




#62
1,3,5-Trimethylbenzene
Concen: 4.645 ug/L
RT: 10.538 min Scan# 2953
Delta R.T. 0.003 min
Lab File: VV025354.D
Acq: 05 Apr 2022 17:05

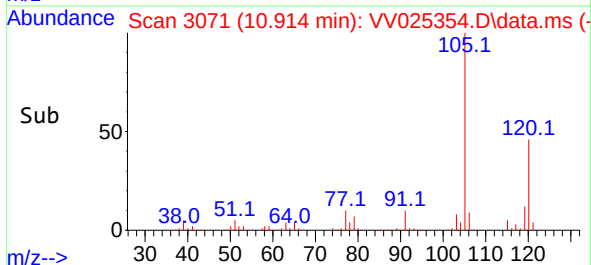
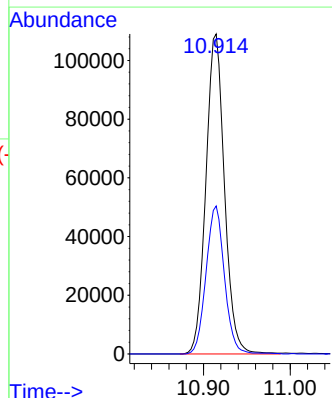
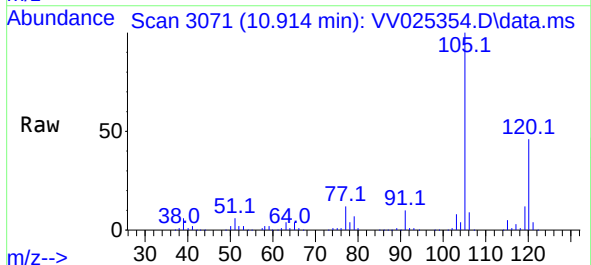
Instrument :
MSVOA_V
ClientSampleId :
VSTD005367

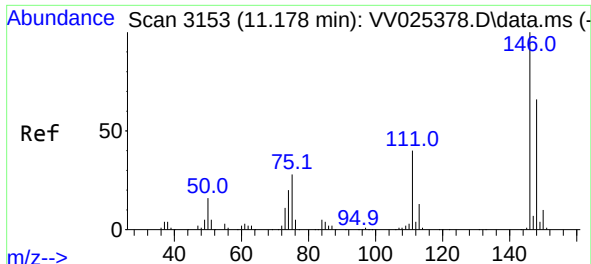
Tgt Ion:105 Resp: 87837
Ion Ratio Lower Upper
105 100
120 49.3 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 4.812 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV025354.D
Acq: 05 Apr 2022 17:05

Tgt Ion:105 Resp: 162348
Ion Ratio Lower Upper
105 100
120 45.8 36.5 54.7



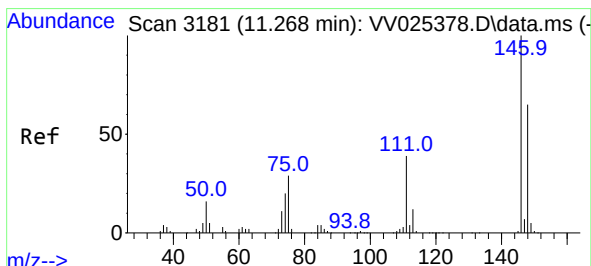
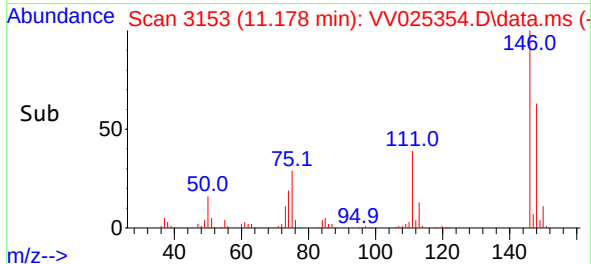
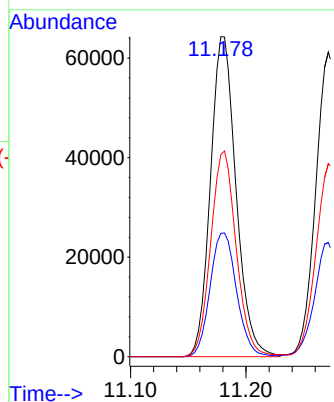
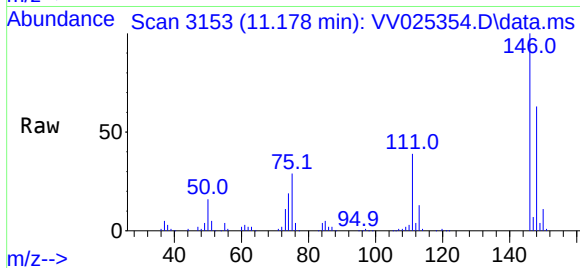


#64
1,3-Dichlorobenzene
Concen: 5.017 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV025354.D
Acq: 05 Apr 2022 17:05

Instrument :
MSVOA_V
ClientSampleId :
VSTD005367

Tgt Ion:146 Resp: 99104

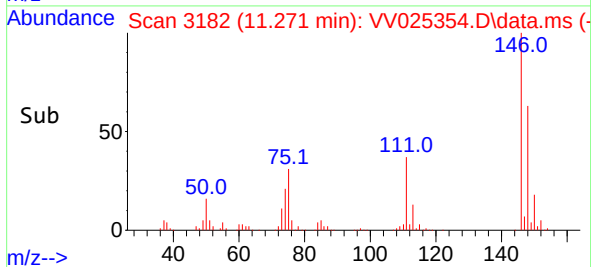
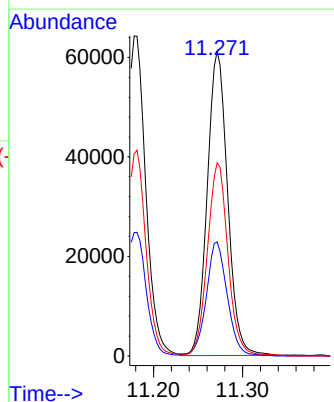
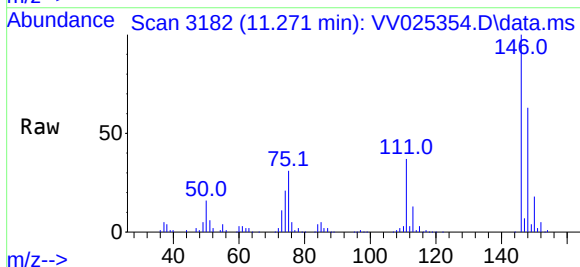
Ion	Ratio	Lower	Upper
146	100		
111	38.5	29.0	53.8
148	63.2	44.0	81.8

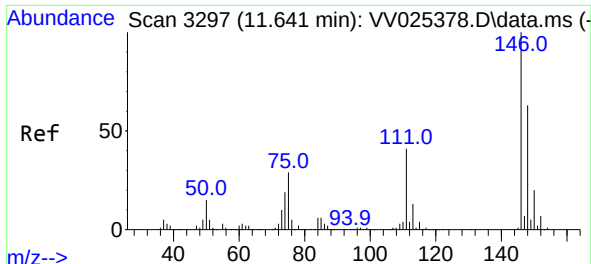


#65
1,4-Dichlorobenzene
Concen: 4.898 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV025354.D
Acq: 05 Apr 2022 17:05

Tgt Ion:146 Resp: 96879

Ion	Ratio	Lower	Upper
146	100		
111	37.5	27.9	51.9
148	63.4	45.6	84.8

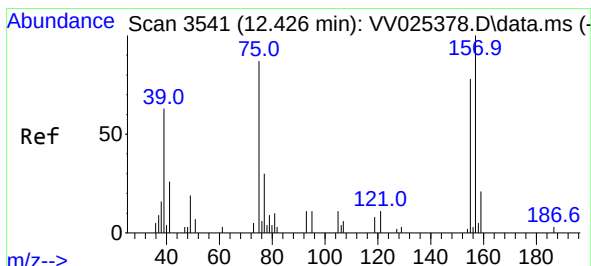
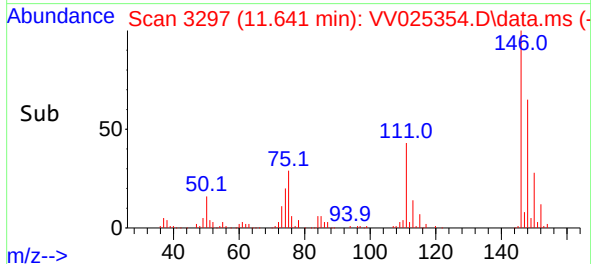
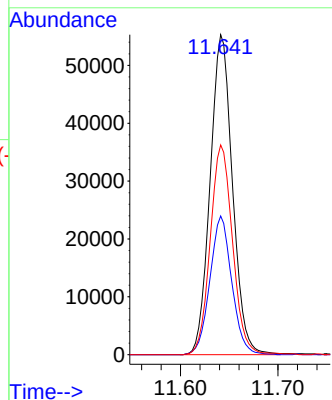
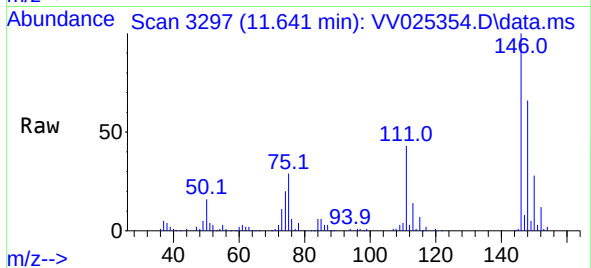




#67
1,2-Dichlorobenzene
Concen: 5.072 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV025354.D
Acq: 05 Apr 2022 17:05

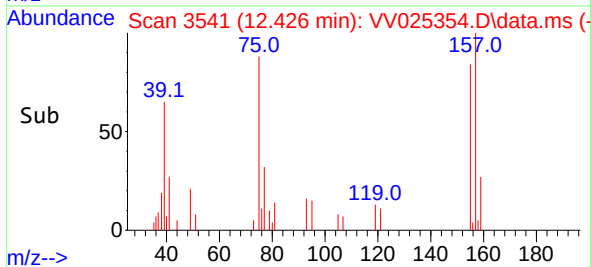
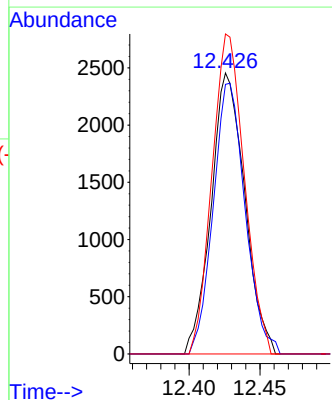
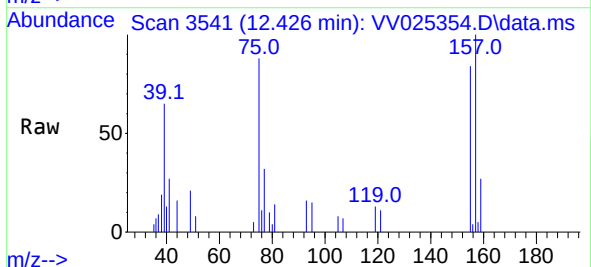
Instrument :
MSVOA_V
ClientSampleId :
VSTD005367

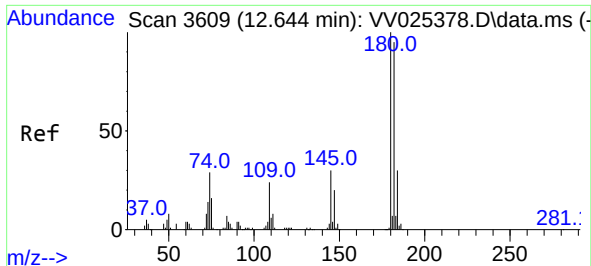
Tgt Ion:146 Resp: 88160
Ion Ratio Lower Upper
146 100
111 43.4 33.0 49.6
148 65.5 49.3 73.9



#68
1,2-Dibromo-3-chloropropane
Concen: 4.707 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV025354.D
Acq: 05 Apr 2022 17:05

Tgt Ion: 75 Resp: 4055
Ion Ratio Lower Upper
75 100
155 95.9 80.0 120.0
157 113.9 94.5 141.7



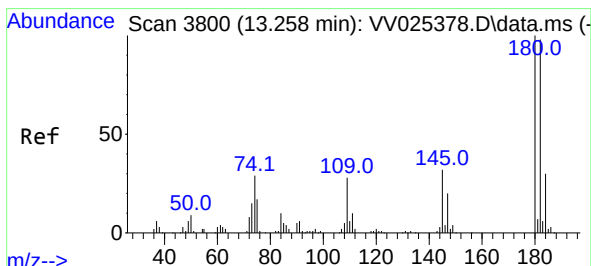
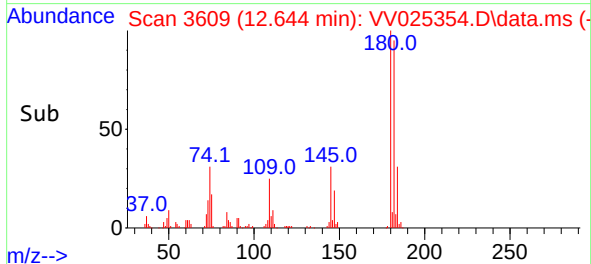
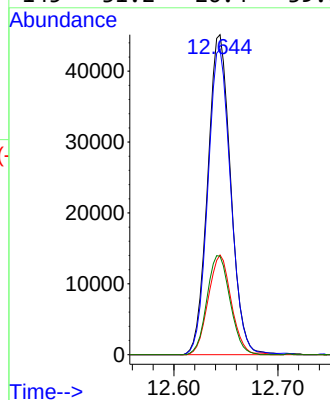
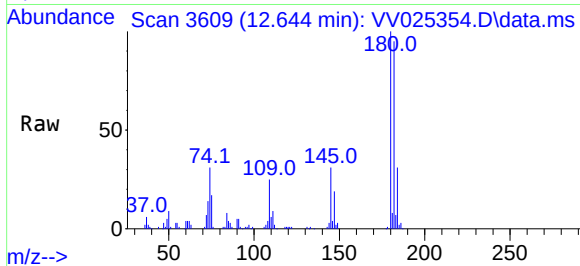


#69
 1,3,5-Trichlorobenzene
 Concen: 4.858 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VV025354.D
 Acq: 05 Apr 2022 17:05

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005367

Tgt Ion:180 Resp: 69212

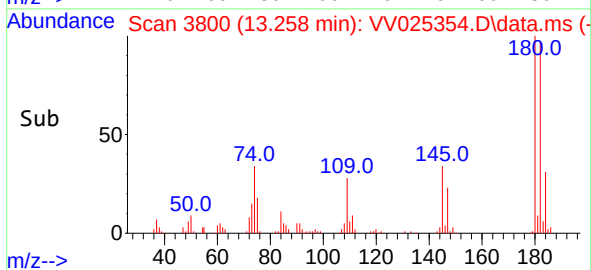
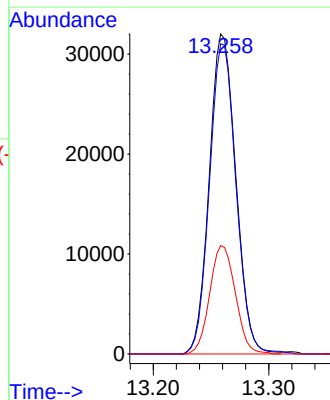
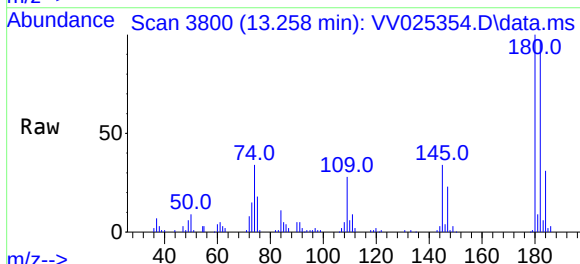
Ion	Ratio	Lower	Upper
180	100		
182	95.1	77.1	115.7
184	31.2	23.6	35.4
145	31.2	26.4	39.6

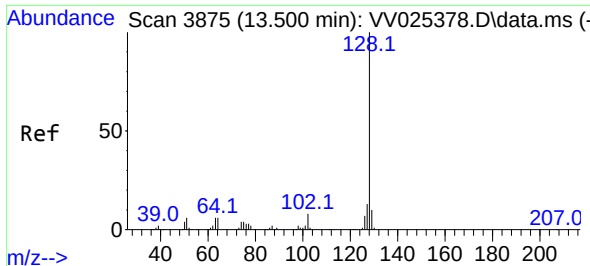


#70
 1,2,4-trichlorobenzene
 Concen: 4.763 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV025354.D
 Acq: 05 Apr 2022 17:05

Tgt Ion:180 Resp: 51201

Ion	Ratio	Lower	Upper
180	100		
182	96.5	77.5	116.3
145	32.6	26.2	39.4

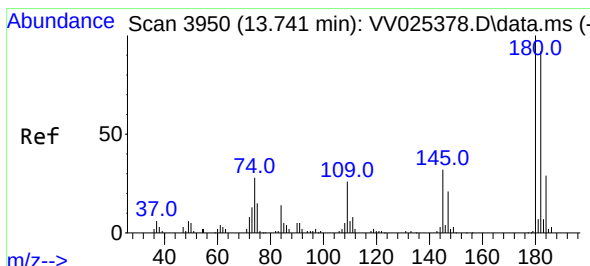
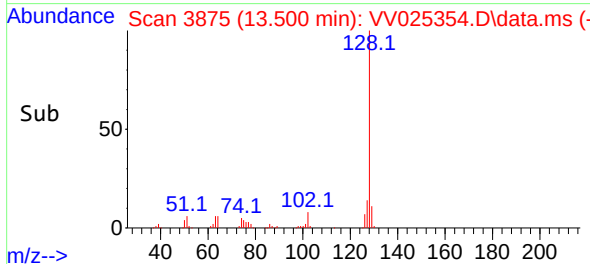
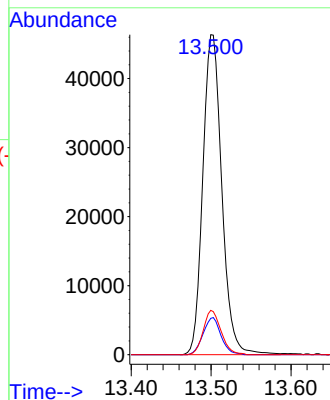
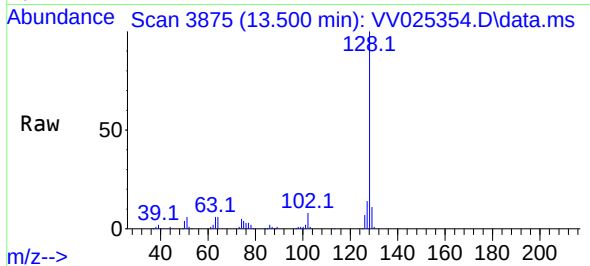




#71
Naphthalene
Concen: 4.574 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV025354.D
Acq: 05 Apr 2022 17:05

Instrument :
MSVOA_V
ClientSampleId :
VSTD005367

Tgt Ion:	128	Resp:	76636
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.8	13.2
127	13.0	10.6	16.0



#72
1,2,3-Trichlorobenzene
Concen: 4.981 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV025354.D
Acq: 05 Apr 2022 17:05

Tgt Ion:	180	Resp:	46136
Ion Ratio	Lower	Upper	
180	100		
182	93.8	75.8	113.6
145	33.8	28.6	42.8

