

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032622\
 Data File : VW025197.D
 Acq On : 26 Mar 2022 14:28
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005350

Quant Time: Mar 28 01:38:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Mar 28 01:28:32 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	164518	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	153913	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	76444	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	77146	5.020	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 100.400%		
7) Chloroethane-d5	1.568	69	64153	4.974	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 99.400%		
11) 1,1-Dichloroethene-d2	2.108	63	167569	5.034	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 100.600%		
20) 2-Butanone-d5	3.915	46	68148	44.519	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 89.040%		
24) Chloroform-d	4.349	84	99522	4.962	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 99.200%		
26) 1,2-Dichloroethane-d4	5.037	65	43857	4.948	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 99.000%		
32) Benzene-d6	5.050	84	197191	5.064	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 101.200%		
36) 1,2-Dichloropropane-d6	6.069	67	53955	4.944	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 98.800%		
41) Toluene-d8	7.313	98	189496	5.306	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 106.200%		
43) trans-1,3-Dichloroprop...	7.625	79	18319	5.146	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 103.000%		
46) 2-Hexanone-d5	8.091	63	69877	54.347	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 108.700%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37068	5.094	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 101.800%		
66) 1,2-Dichlorobenzene-d4	11.622	152	61626	5.019	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 100.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.130	85	82331	5.010	ug/L	99
3) Chloromethane	1.240	50	98423	5.078	ug/L	98
5) Vinyl chloride	1.310	62	111665	5.158	ug/L	99
6) Bromomethane	1.523	94	65956	5.133	ug/L	99
8) Chloroethane	1.584	64	70156	5.164	ug/L	96
9) Trichlorofluoromethane	1.754	101	150459	5.141	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	87117	5.012	ug/L	99
12) 1,1-Dichloroethene	2.117	96	84782	5.118	ug/L	90
14) Carbon disulfide	2.294	76	176531	5.145	ug/L	97
15) Methyl Acetate	2.449	43	11437	4.301	ug/L	96
16) Methylene chloride	2.506	84	58254	4.479	ug/L	98
17) Methyl tert-butyl Ether	2.773	73	105751	5.047	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	60807	5.115	ug/L	100
19) 1,1-Dichloroethane	3.191	63	98483	4.962	ug/L	99
21) 2-Butanone	3.992	43	19474	12.116	ug/L #	1
22) cis-1,2-Dichloroethene	3.915	96	59767	4.948	ug/L	96
23) Bromochloromethane	4.252	128	25472	5.056	ug/L	95
25) Chloroform	4.378	83	108487	4.927	ug/L	99
27) 1,2-Dichloroethane	5.133	62	55810	4.908	ug/L	98

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 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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 Response via : Initial Calibration

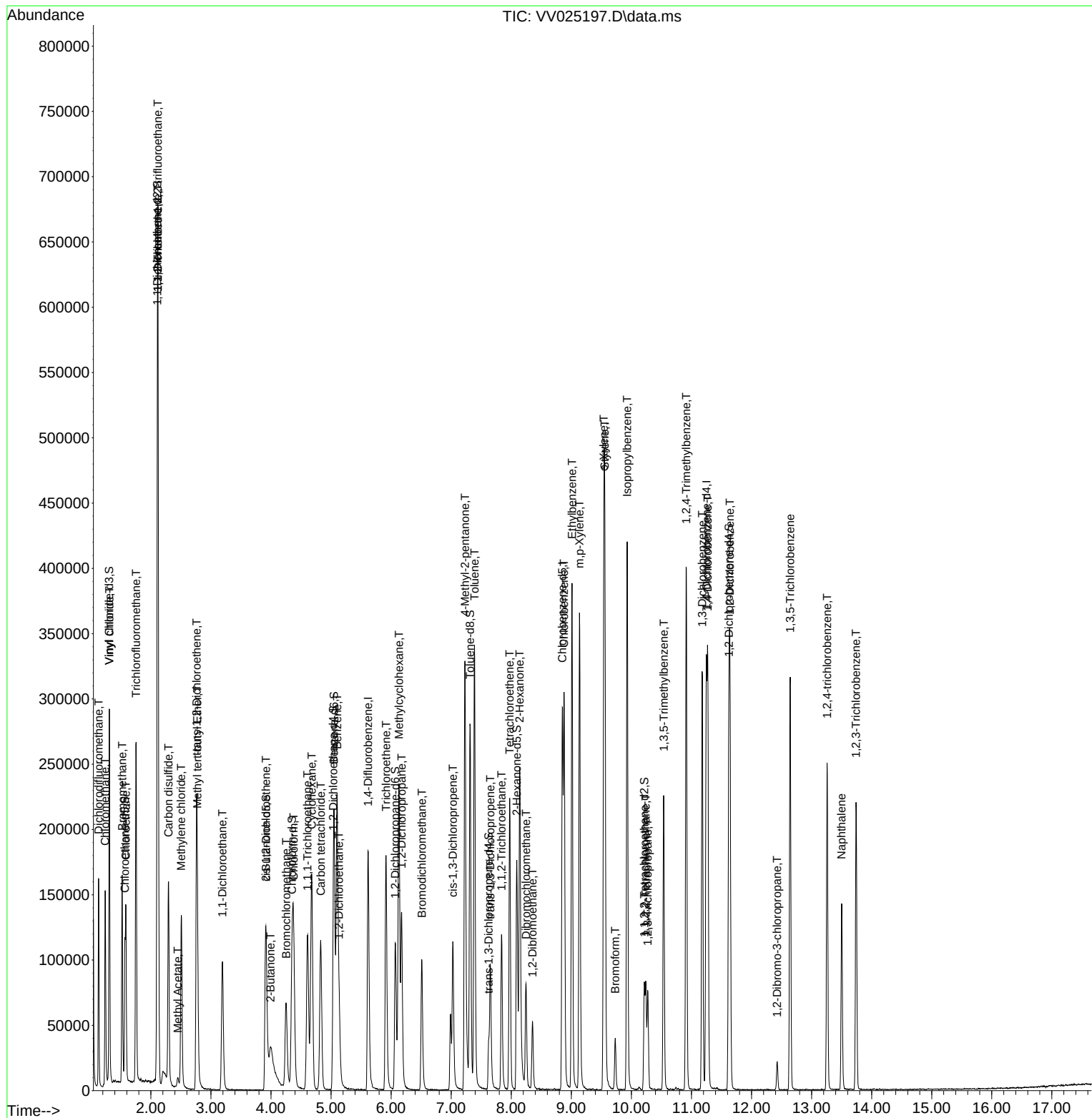
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	4.609	97	96393	5.180	ug/L	99
30) Cyclohexane	4.677	56	85680	5.148	ug/L	98
31) Carbon tetrachloride	4.828	117	82644	5.130	ug/L	100
33) Benzene	5.101	78	235247	5.211	ug/L	100
34) Trichloroethene	5.915	95	64261	5.184	ug/L	97
35) Methylcyclohexane	6.130	83	101186	5.209	ug/L	99
37) 1,2-Dichloropropane	6.175	63	52562	5.019	ug/L	99
38) Bromodichloromethane	6.513	83	68298	5.148	ug/L	93
39) cis-1,3-Dichloropropene	7.027	75	70832	5.216	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	227010	54.291	ug/L	99
42) Toluene	7.387	91	255184	5.295	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	57320	5.370	ug/L	94
45) 1,1,2-Trichloroethane	7.837	97	38063	5.308	ug/L	99
47) Tetrachloroethene	7.976	164	47903	5.240	ug/L	97
48) 2-Hexanone	8.140	43	162009	54.174	ug/L	99
49) Dibromochloromethane	8.246	129	40466	5.244	ug/L	98
50) 1,2-Dibromoethane	8.352	107	34356	5.143	ug/L #	99
51) Chlorobenzene	8.879	112	163463	5.252	ug/L	99
52) Ethylbenzene	9.011	91	270085	5.283	ug/L	99
53) m,p-Xylene	9.136	106	107833	5.424	ug/L	99
54) o-Xylene	9.542	106	99161	5.218	ug/L	92
55) Styrene	9.558	104	168793	5.401	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	38514	5.153	ug/L	97
59) Bromoform	9.731	173	16349	5.232	ug/L	99
60) Isopropylbenzene	9.931	105	272510	5.375	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	29283	5.063	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	120584	5.304	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	218961	5.398	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	124942	5.262	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	123198	5.181	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	111264	5.325	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	5388	5.203	ug/L #	79
69) 1,3,5-Trichlorobenzene	12.644	180	89126	5.203	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	70034	5.419	ug/L	95
71) Naphthalene	13.500	128	110659	5.494	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	60198	5.406	ug/L	99

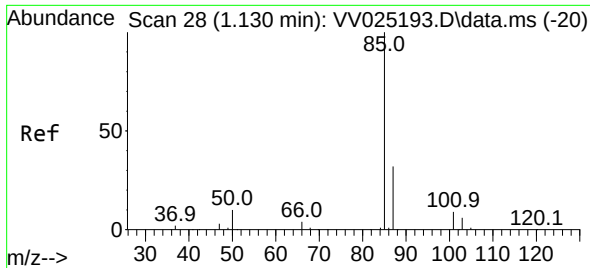
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 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTD005350

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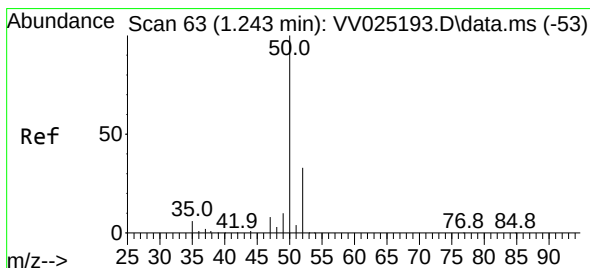
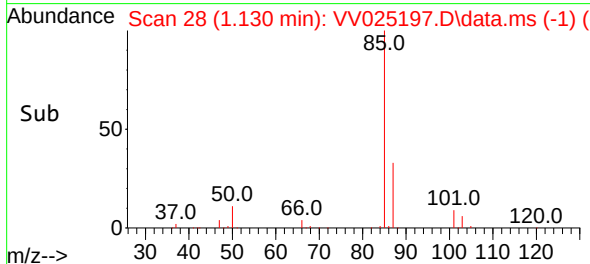
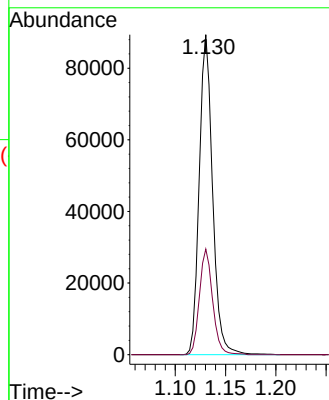
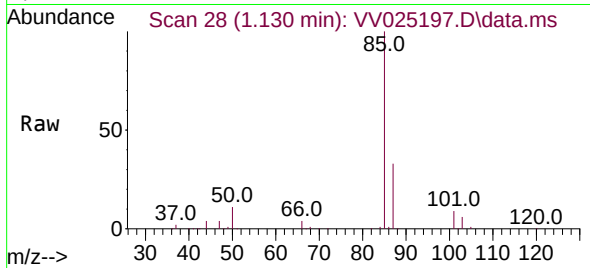




#2
 Dichlorodifluoromethane
 Concen: 5.010 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV025197.D
 Acq: 26 Mar 2022 14:28

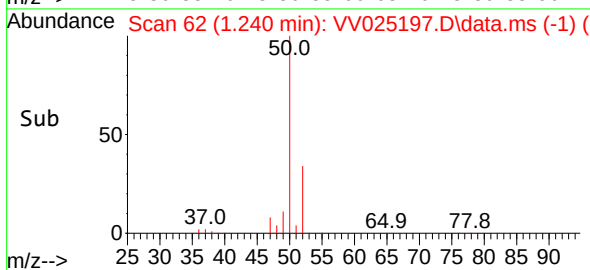
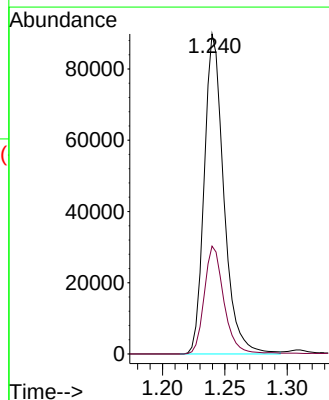
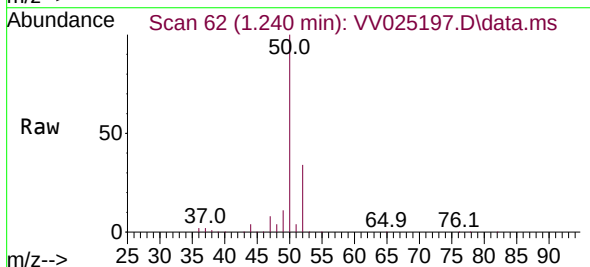
Instrument :
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 ClientSampleId :
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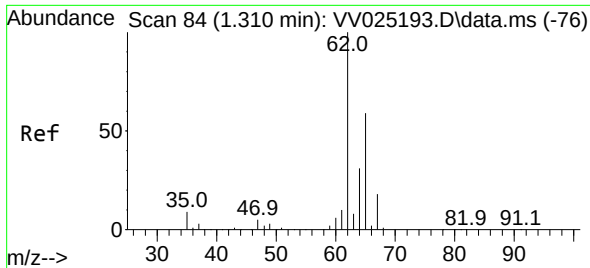
Tgt Ion: 85 Resp: 82331
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.8 38.6



#3
 Chloromethane
 Concen: 5.078 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.003 min
 Lab File: VV025197.D
 Acq: 26 Mar 2022 14:28

Tgt Ion: 50 Resp: 98423
 Ion Ratio Lower Upper
 50 100
 52 33.7 22.9 42.5

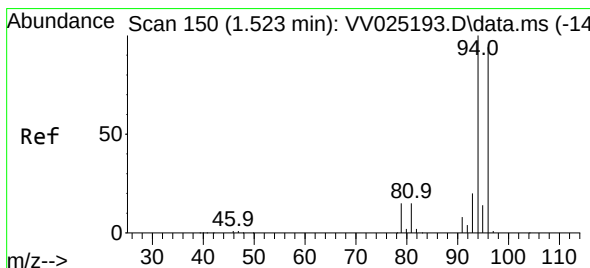
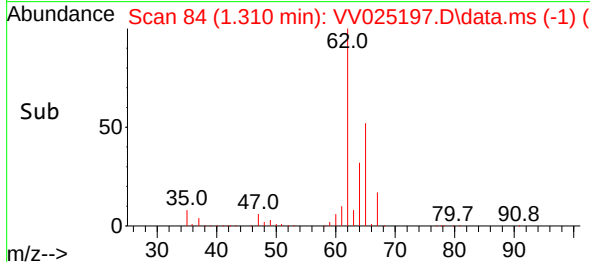
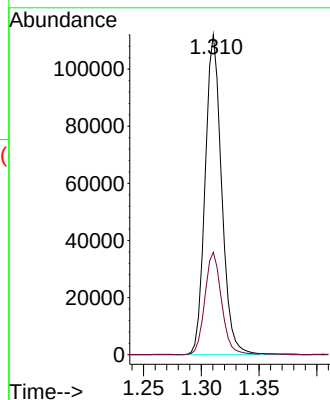
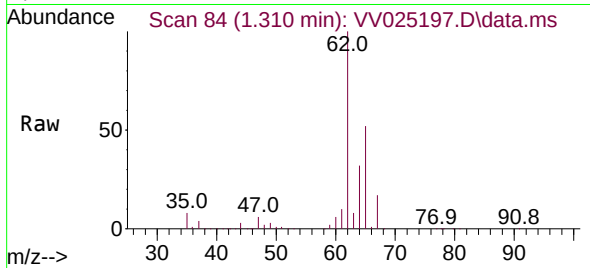




#5
 Vinyl chloride
 Concen: 5.158 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV025197.D
 Acq: 26 Mar 2022 14:28

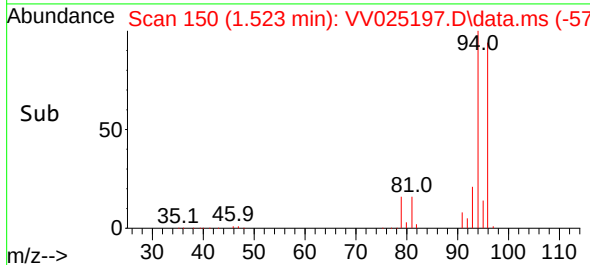
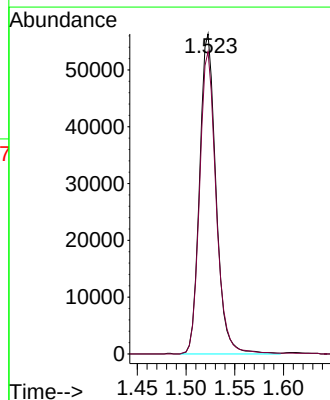
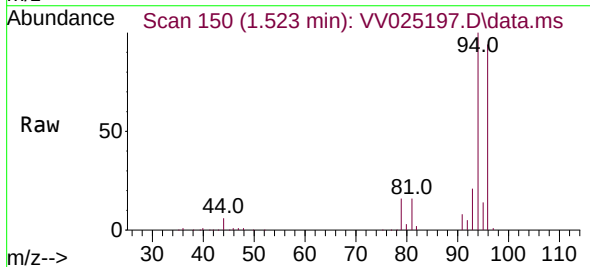
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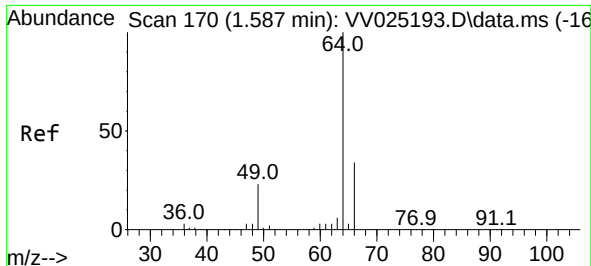
Tgt Ion: 62 Resp: 111665
 Ion Ratio Lower Upper
 62 100
 64 32.0 22.0 40.8



#6
 Bromomethane
 Concen: 5.133 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV025197.D
 Acq: 26 Mar 2022 14:28

Tgt Ion: 94 Resp: 65956
 Ion Ratio Lower Upper
 94 100
 96 94.4 65.5 121.7

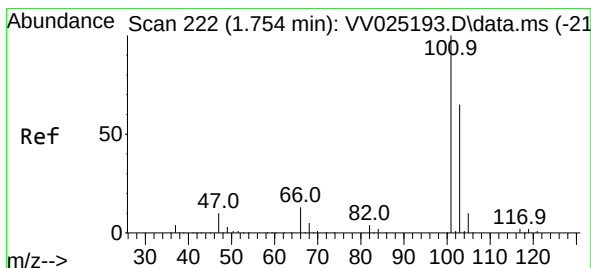
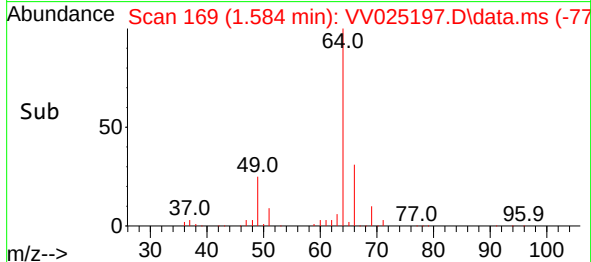
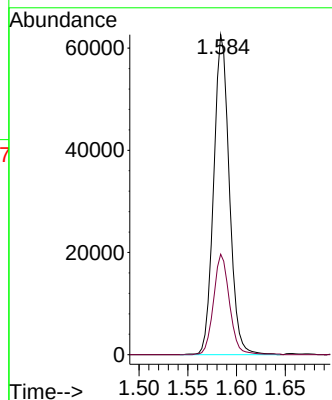
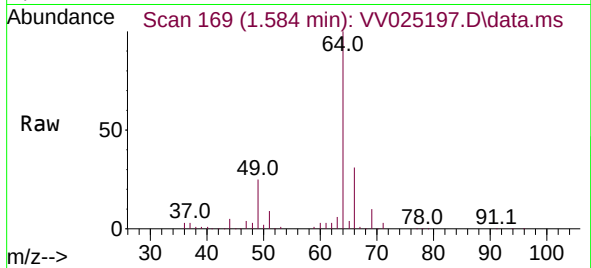




#8
Chloroethane
Concen: 5.164 ug/L
RT: 1.584 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV025197.D
Acq: 26 Mar 2022 14:28

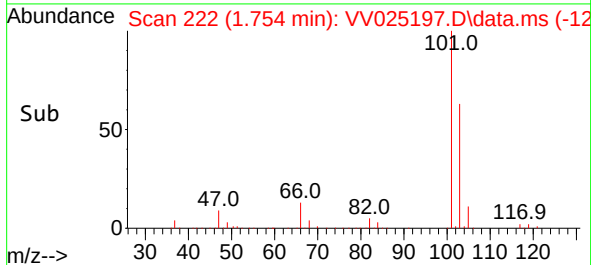
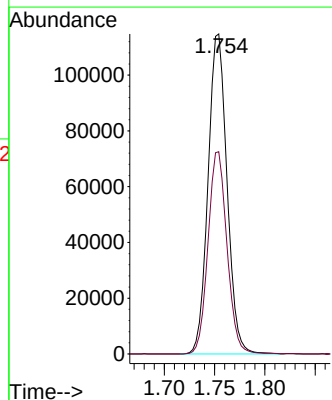
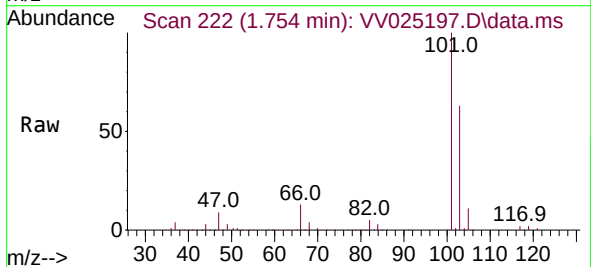
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ClientSampleId :
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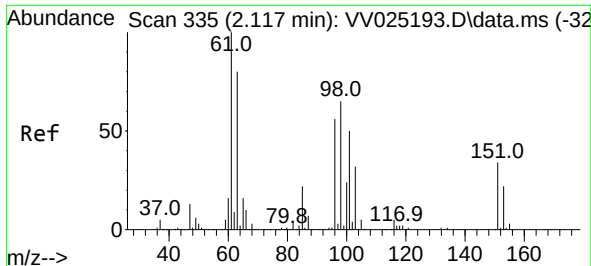
Tgt Ion: 64 Resp: 70156
Ion Ratio Lower Upper
64 100
66 31.4 23.5 43.7



#9
Trichlorofluoromethane
Concen: 5.141 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV025197.D
Acq: 26 Mar 2022 14:28

Tgt Ion:101 Resp: 150459
Ion Ratio Lower Upper
101 100
103 63.4 52.2 78.2

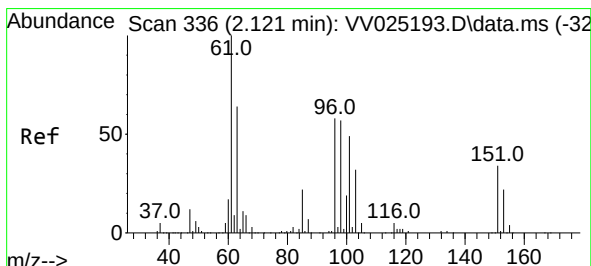
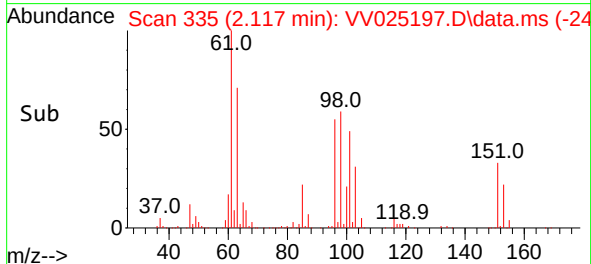
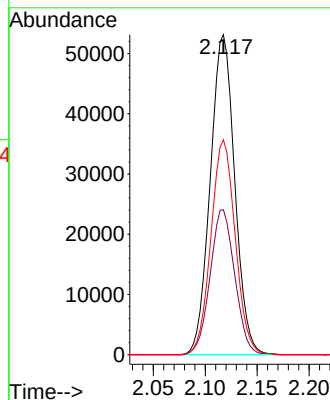
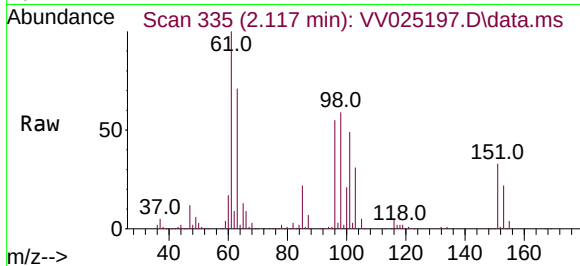




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.012 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV025197.D
 Acq: 26 Mar 2022 14:28

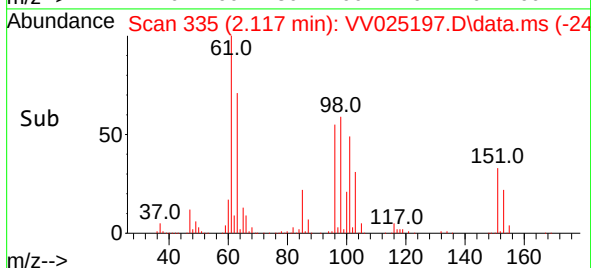
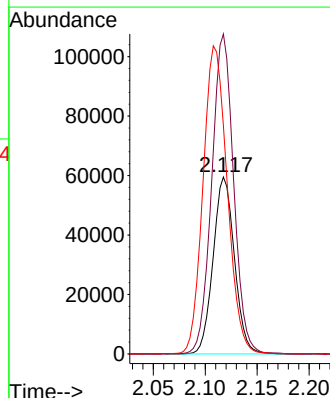
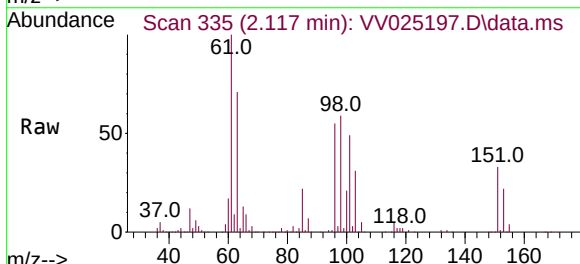
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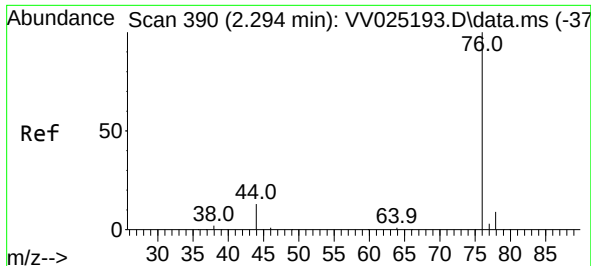
Tgt Ion:101 Resp: 87117
 Ion Ratio Lower Upper
 101 100
 85 45.7 36.0 54.0
 151 66.8 54.6 81.8



#12
 1,1-Dichloroethene
 Concen: 5.118 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV025197.D
 Acq: 26 Mar 2022 14:28

Tgt Ion: 96 Resp: 84782
 Ion Ratio Lower Upper
 96 100
 61 180.9 121.5 225.7
 63 129.0 77.9 144.7

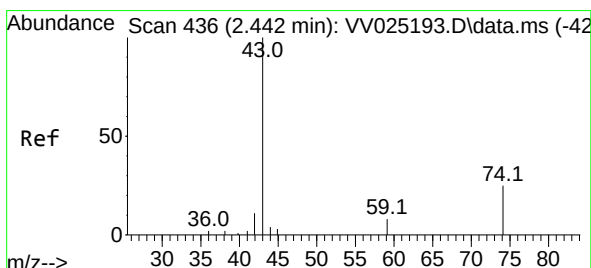
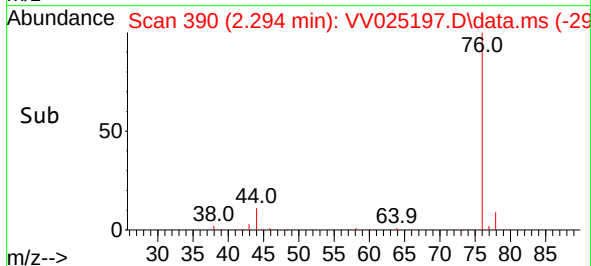
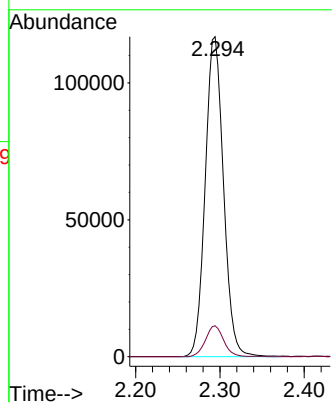
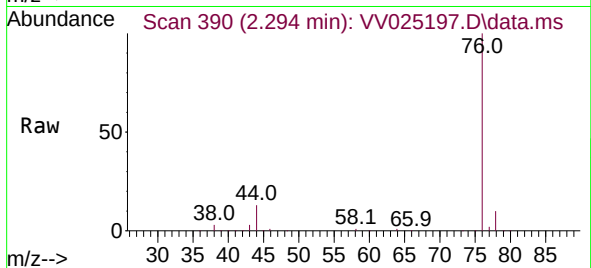




#14
Carbon disulfide
Concen: 5.145 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.000 min
Lab File: VV025197.D
Acq: 26 Mar 2022 14:28

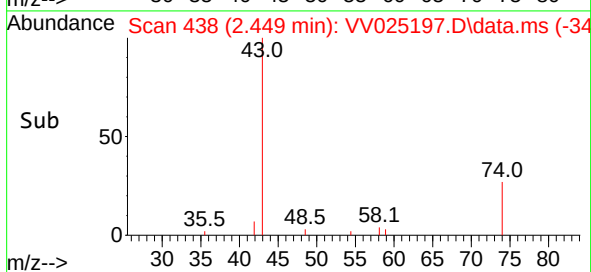
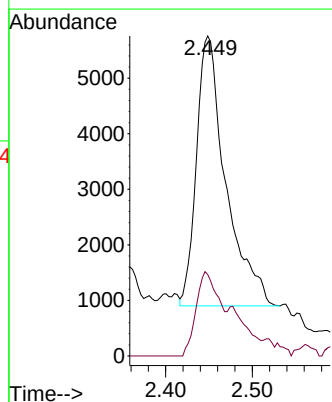
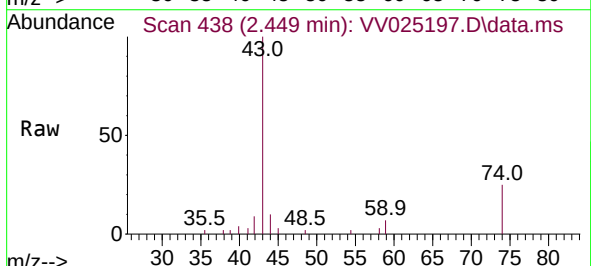
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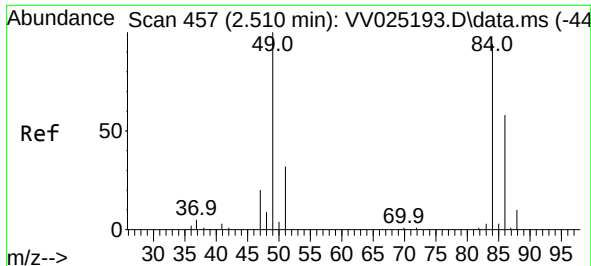
Tgt Ion: 76 Resp: 176531
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.4



#15
Methyl Acetate
Concen: 4.301 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.006 min
Lab File: VV025197.D
Acq: 26 Mar 2022 14:28

Tgt Ion: 43 Resp: 11437
Ion Ratio Lower Upper
43 100
74 24.1 20.9 31.3

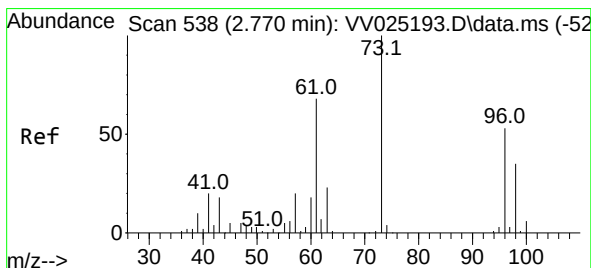
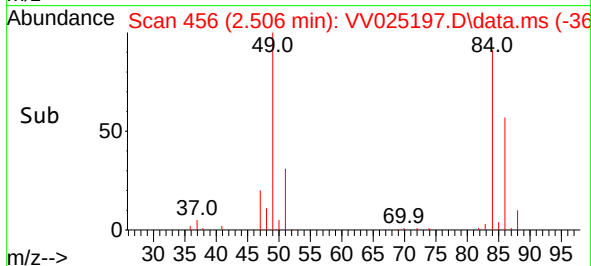
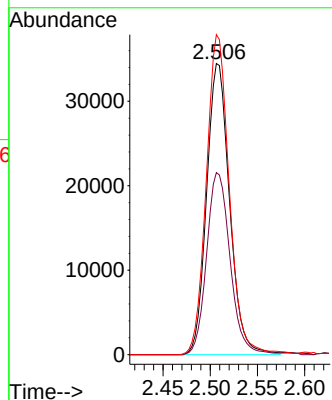
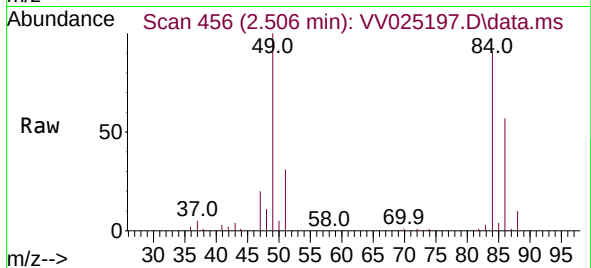




#16
Methylene chloride
Concen: 4.479 ug/L
RT: 2.506 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV025197.D
Acq: 26 Mar 2022 14:28

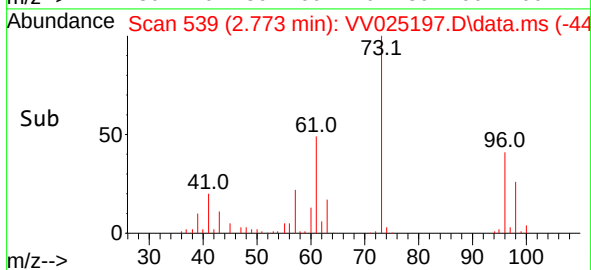
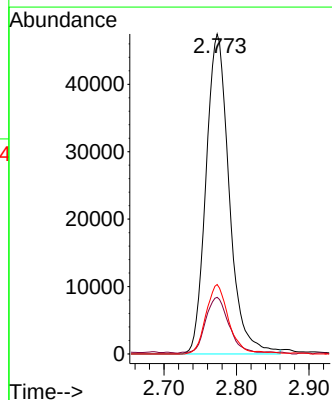
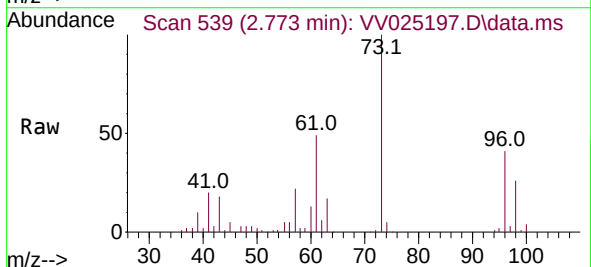
Instrument :
MSVOA_V
ClientSampleId :
VSTD005350

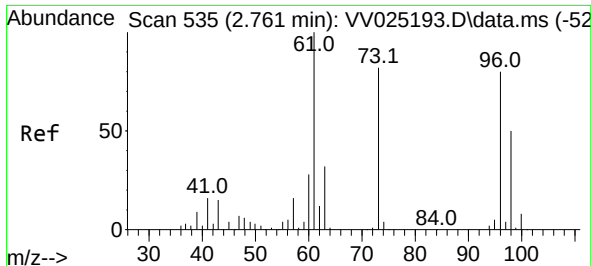
Tgt Ion: 84 Resp: 58254
Ion Ratio Lower Upper
84 100
86 62.5 43.5 80.7
49 109.9 74.5 138.3



#17
Methyl tert-butyl Ether
Concen: 5.047 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.003 min
Lab File: VV025197.D
Acq: 26 Mar 2022 14:28

Tgt Ion: 73 Resp: 105751
Ion Ratio Lower Upper
73 100
43 17.4 13.5 20.3
57 20.8 16.4 24.6

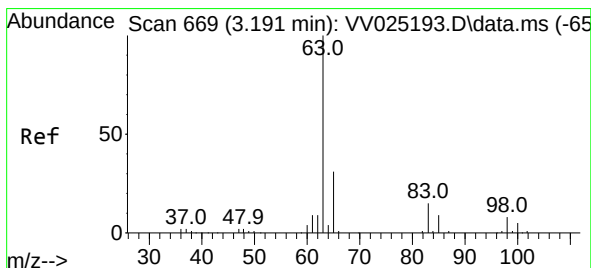
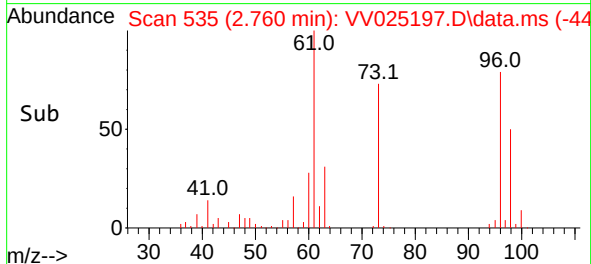
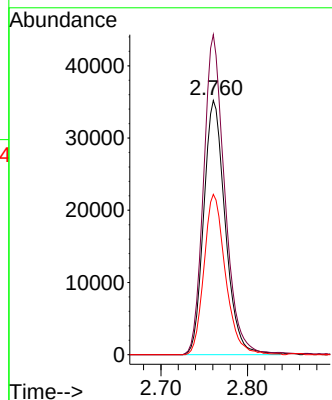
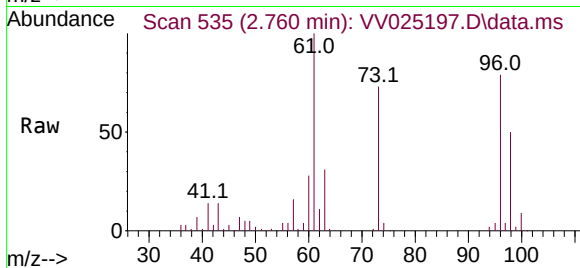




#18
trans-1,2-Dichloroethene
Concen: 5.115 ug/L
RT: 2.760 min Scan# 511
Delta R.T. -0.000 min
Lab File: VV025197.D
Acq: 26 Mar 2022 14:28

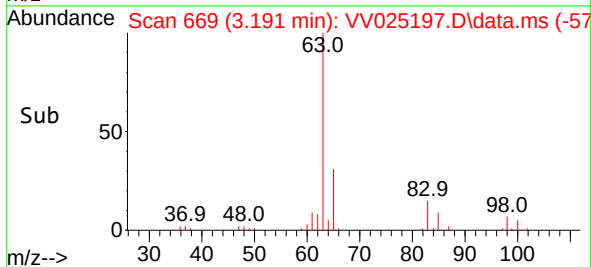
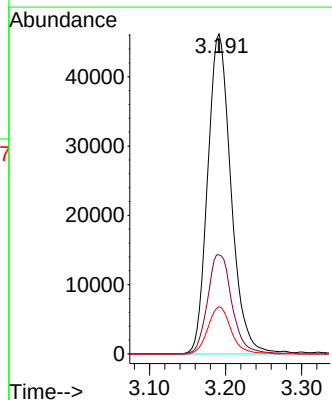
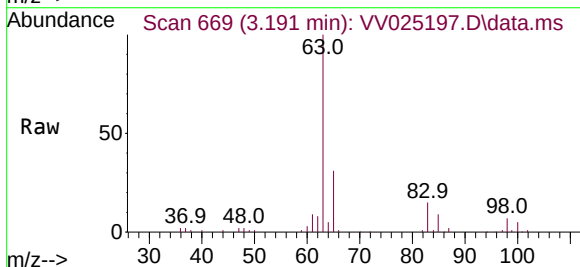
Instrument :
MSVOA_V
ClientSampleId :
VSTD005350

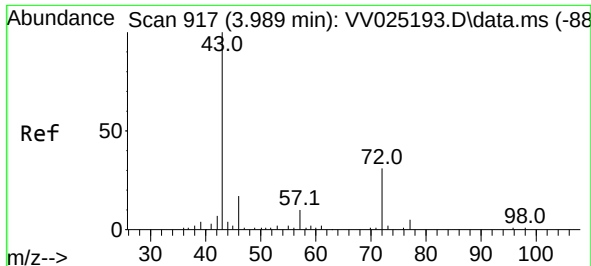
Tgt Ion: 96 Resp: 60807
Ion Ratio Lower Upper
96 100
61 125.8 87.6 162.8
98 63.0 44.0 81.8



#19
1,1-Dichloroethane
Concen: 4.962 ug/L
RT: 3.191 min Scan# 669
Delta R.T. -0.000 min
Lab File: VV025197.D
Acq: 26 Mar 2022 14:28

Tgt Ion: 63 Resp: 98483
Ion Ratio Lower Upper
63 100
65 31.0 22.0 40.8
83 14.7 10.2 19.0





#21

2-Butanone

Concen: 12.116 ug/L

RT: 3.992 min Scan# 917

Delta R.T. 0.003 min

Lab File: VV025197.D

Acq: 26 Mar 2022 14:28

Instrument :

MSVOA_V

ClientSampleId :

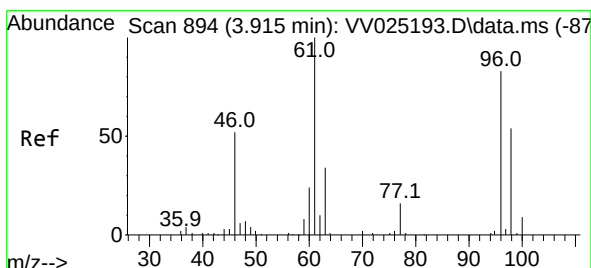
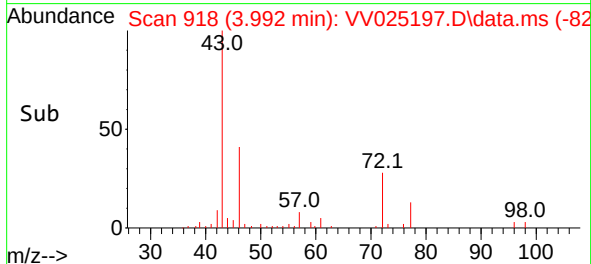
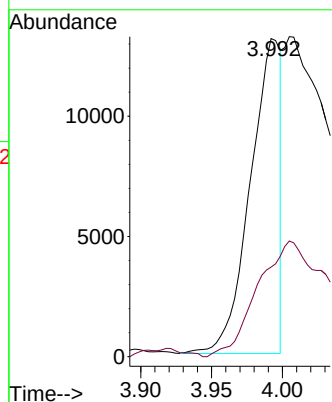
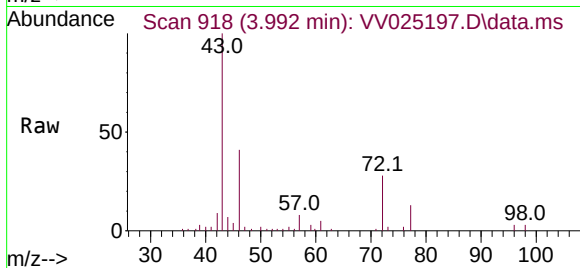
VSTD005350

Tgt Ion: 43 Resp: 19474

Ion Ratio Lower Upper

43 100

72 93.2 11.8 35.4#



#22

cis-1,2-Dichloroethene

Concen: 4.948 ug/L

RT: 3.915 min Scan# 894

Delta R.T. -0.000 min

Lab File: VV025197.D

Acq: 26 Mar 2022 14:28

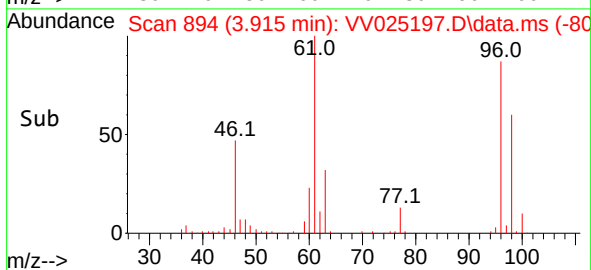
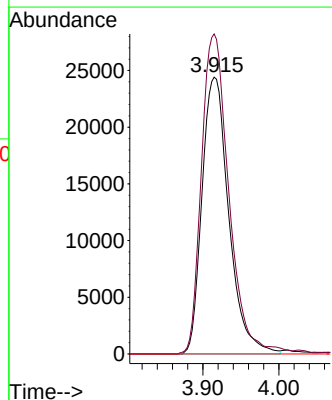
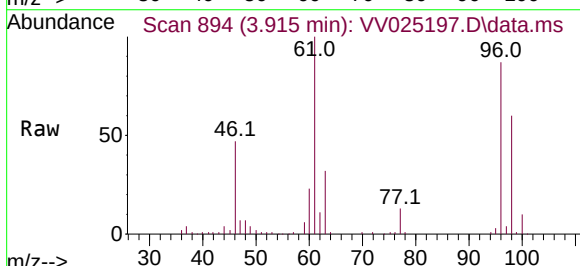
Tgt Ion: 96 Resp: 59767

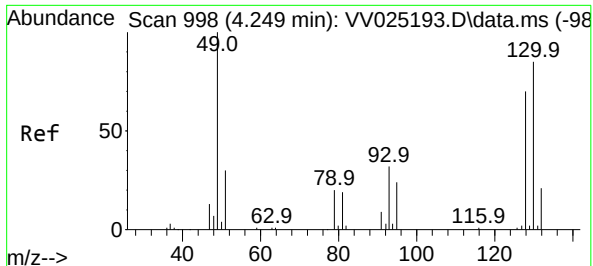
Ion Ratio Lower Upper

96 100

61 115.6 84.1 156.1

68 0.0 0.0 0.0

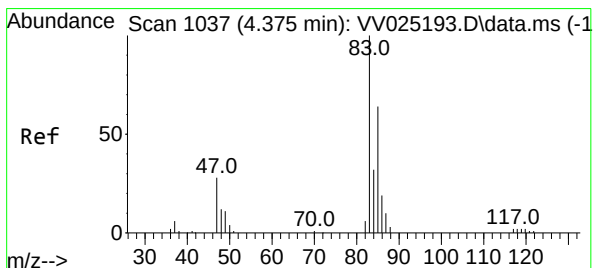
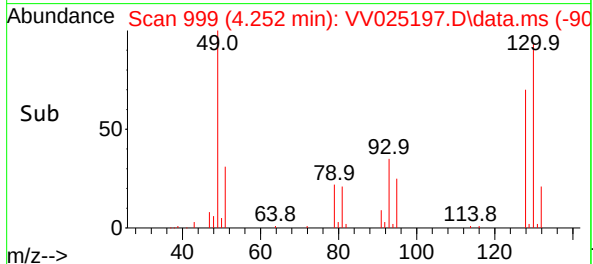
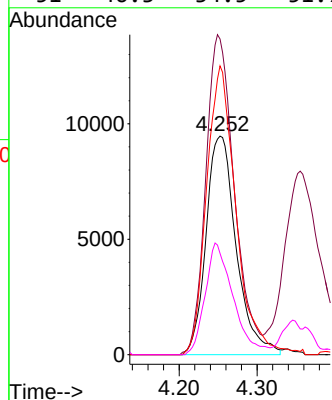
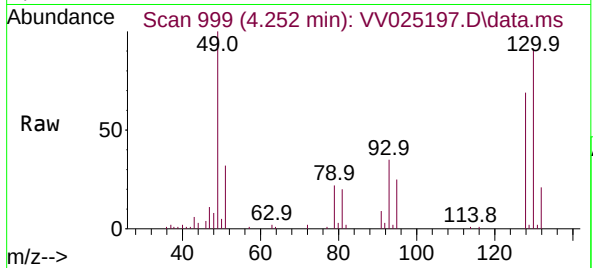




#23
Bromochloromethane
Concen: 5.056 ug/L
RT: 4.252 min Scan# 999
Delta R.T. 0.003 min
Lab File: VV025197.D
Acq: 26 Mar 2022 14:28

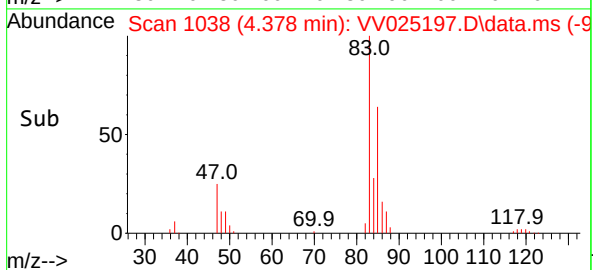
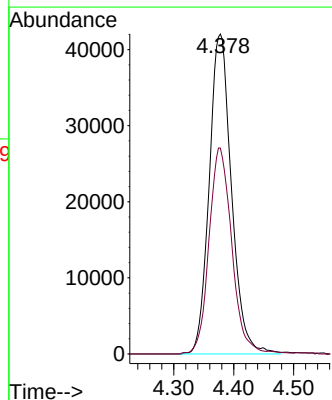
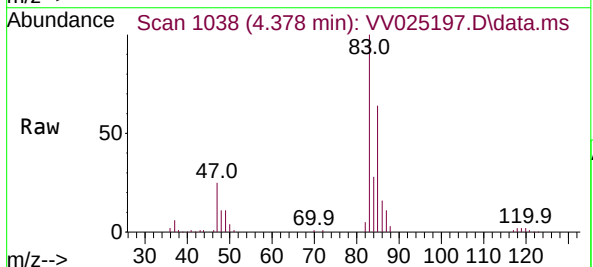
Instrument :
MSVOA_V
ClientSampleId :
VSTD005350

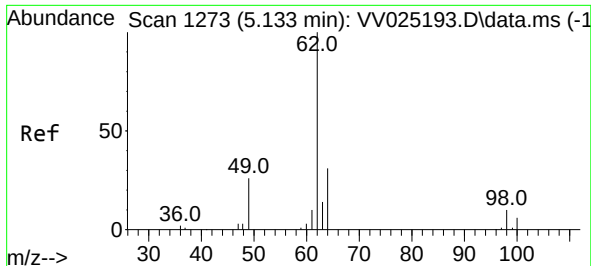
Tgt Ion:128 Resp: 25472
Ion Ratio Lower Upper
128 100
49 144.4 101.4 188.4
130 132.1 85.0 158.0
51 46.3 34.5 51.7



#25
Chloroform
Concen: 4.927 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV025197.D
Acq: 26 Mar 2022 14:28

Tgt Ion: 83 Resp: 108487
Ion Ratio Lower Upper
83 100
85 64.3 44.7 82.9





#27

1,2-Dichloroethane

Concen: 4.908 ug/L

RT: 5.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV025197.D

Acq: 26 Mar 2022 14:28

Instrument :

MSVOA_V

ClientSampleId :

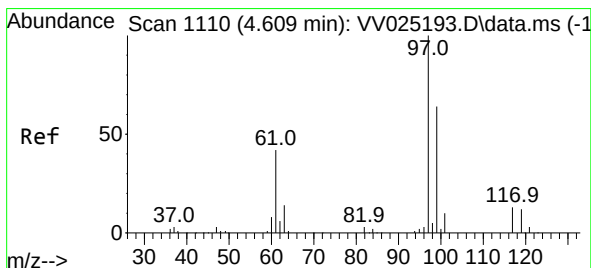
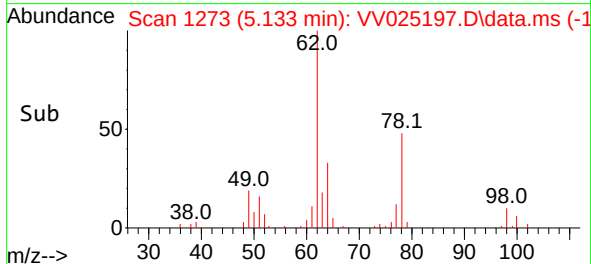
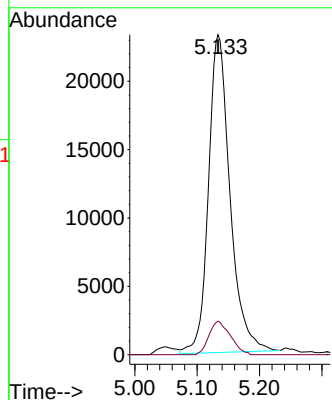
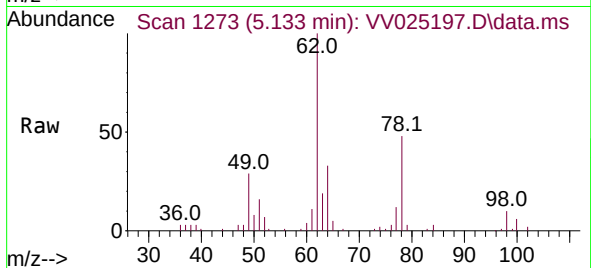
VSTD005350

Tgt Ion: 62 Resp: 55810

Ion Ratio Lower Upper

62 100

98 10.5 7.9 11.9



#29

1,1,1-Trichloroethane

Concen: 5.180 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VV025197.D

Acq: 26 Mar 2022 14:28

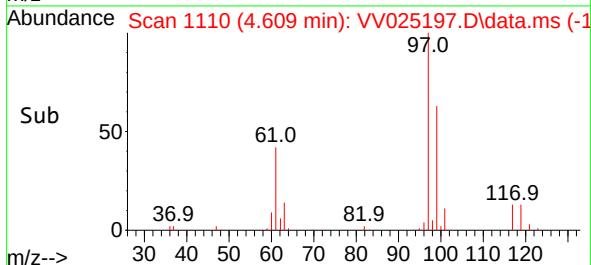
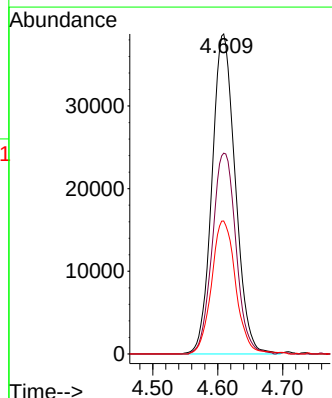
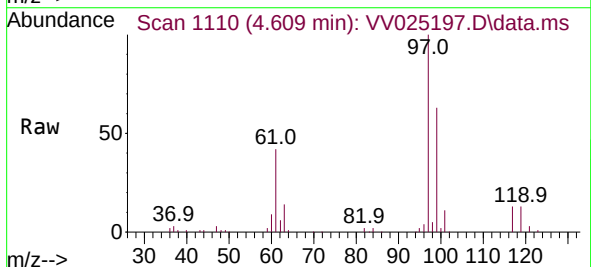
Tgt Ion: 97 Resp: 96393

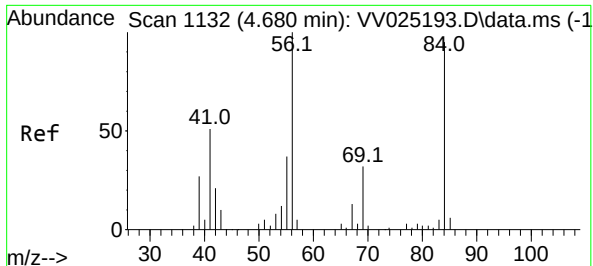
Ion Ratio Lower Upper

97 100

99 63.9 51.9 77.9

61 43.1 34.2 51.2

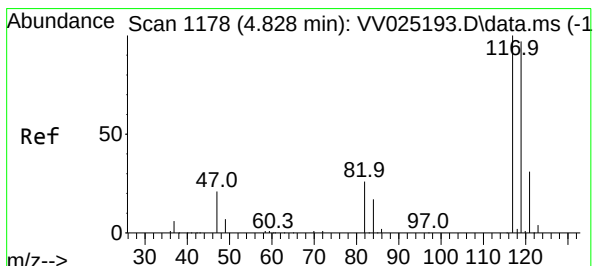
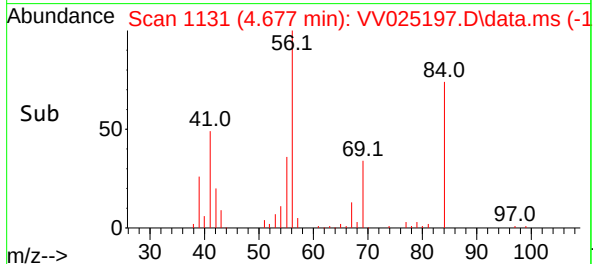
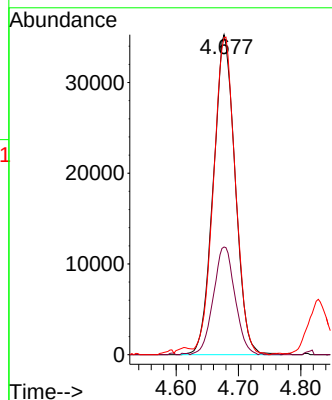
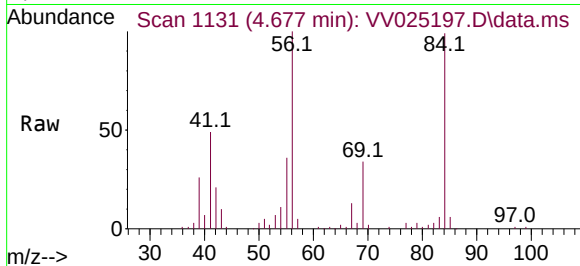




#30
Cyclohexane
Concen: 5.148 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. -0.003 min
Lab File: VV025197.D
Acq: 26 Mar 2022 14:28

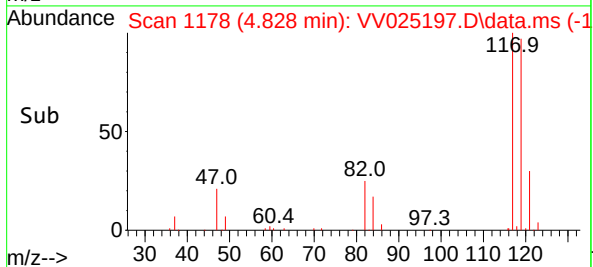
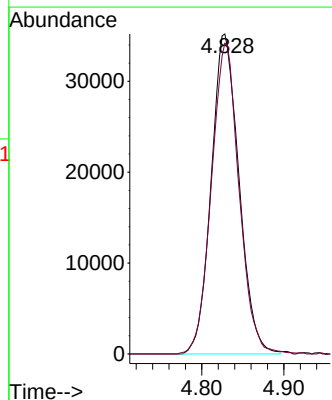
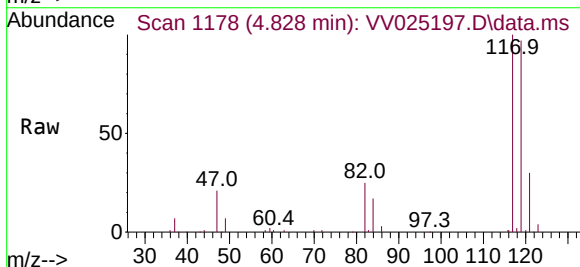
Instrument :
MSVOA_V
ClientSampleId :
VSTD005350

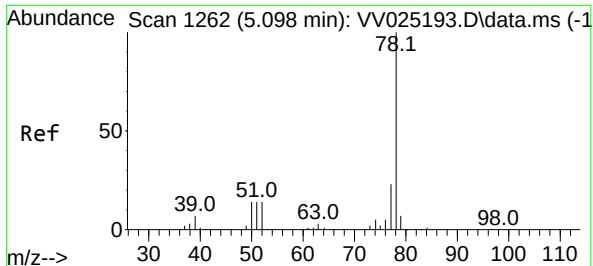
Tgt Ion: 56	Resp: 85680
Ion Ratio	Lower Upper
56	100
69	33.4 25.3 37.9
84	99.5 78.4 117.6



#31
Carbon tetrachloride
Concen: 5.130 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VV025197.D
Acq: 26 Mar 2022 14:28

Tgt Ion: 117	Resp: 82644
Ion Ratio	Lower Upper
117	100
119	97.0 77.8 116.6

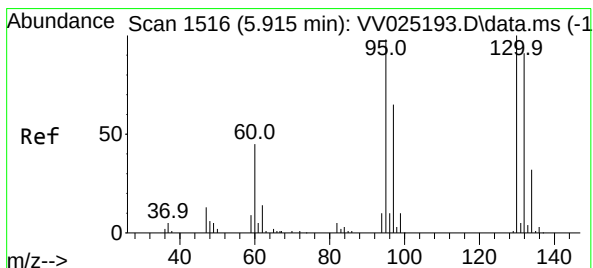
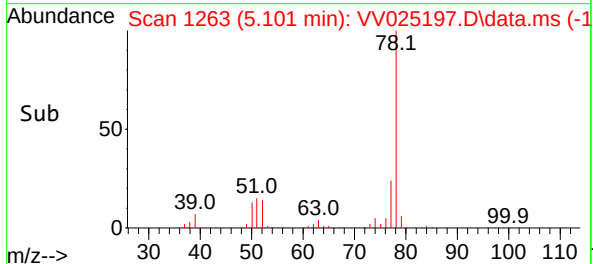
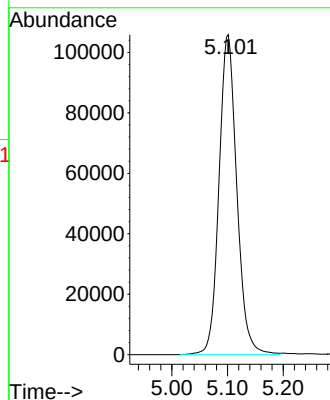
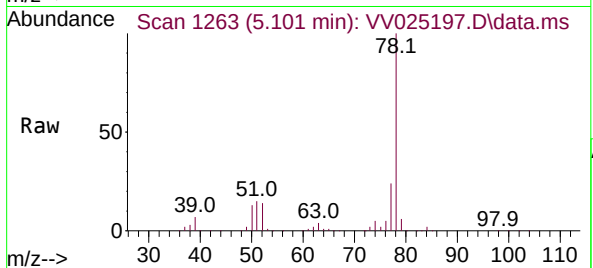




#33
Benzene
Concen: 5.211 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV025197.D
Acq: 26 Mar 2022 14:28

Instrument :
MSVOA_V
ClientSampleId :
VSTD005350

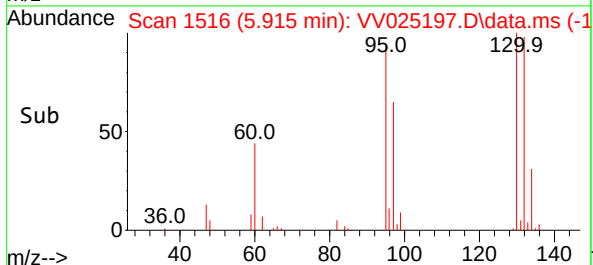
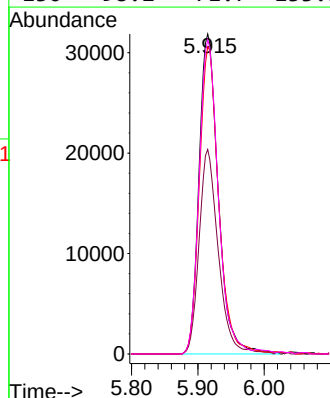
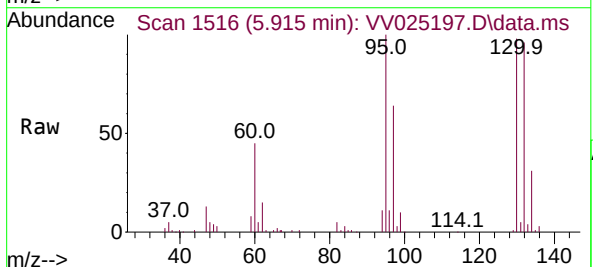
Tgt Ion: 78 Resp: 235247

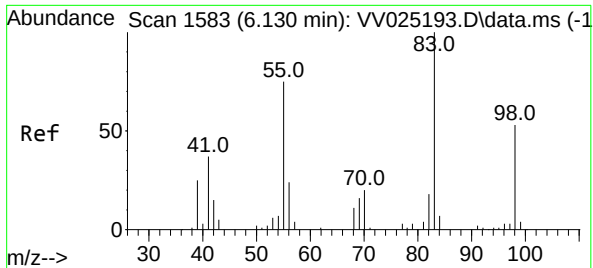


#34
Trichloroethene
Concen: 5.184 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV025197.D
Acq: 26 Mar 2022 14:28

Tgt Ion: 95 Resp: 64261

Ion	Ratio	Lower	Upper
95	100		
97	63.9	46.3	85.9
132	95.9	65.2	121.2
130	98.2	71.7	133.1





#35

Methylcyclohexane

Concen: 5.209 ug/L

RT: 6.130 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV025197.D

Acq: 26 Mar 2022 14:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD005350

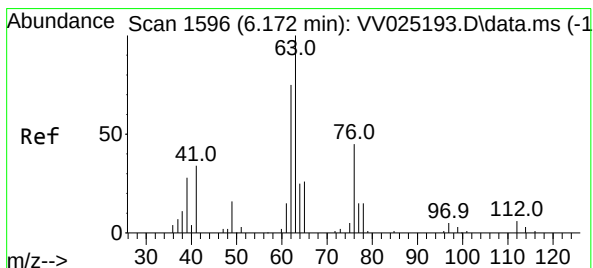
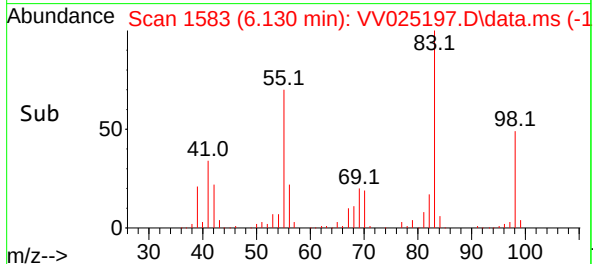
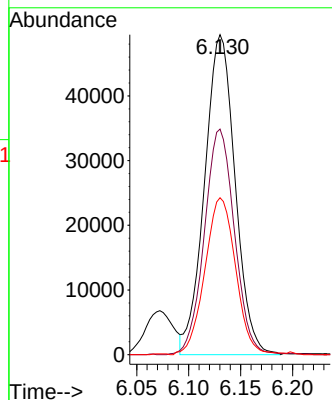
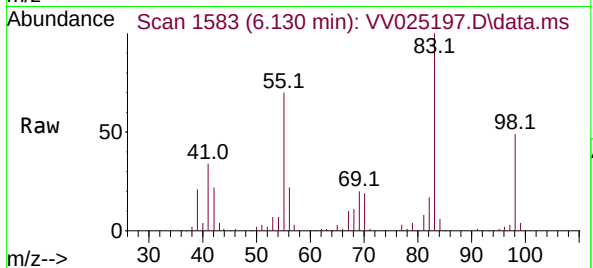
Tgt Ion: 83 Resp: 101186

Ion Ratio Lower Upper

83 100

55 69.5 54.6 81.8

98 49.3 39.8 59.6



#37

1,2-Dichloropropane

Concen: 5.019 ug/L

RT: 6.175 min Scan# 1597

Delta R.T. 0.003 min

Lab File: VV025197.D

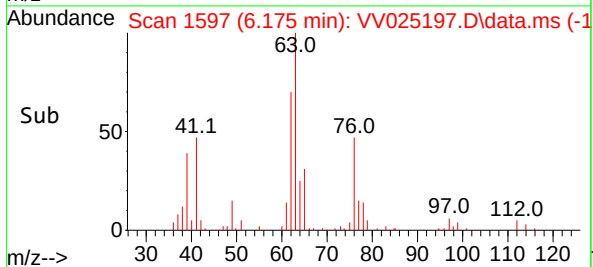
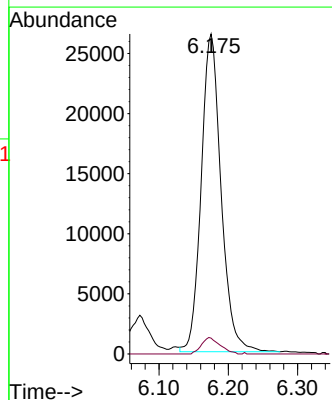
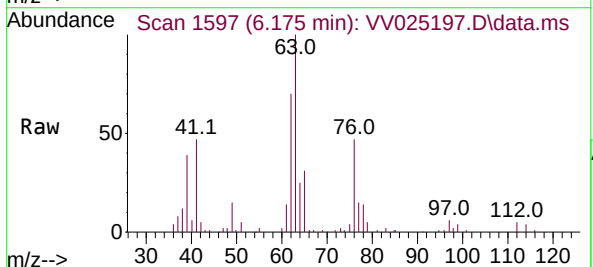
Acq: 26 Mar 2022 14:28

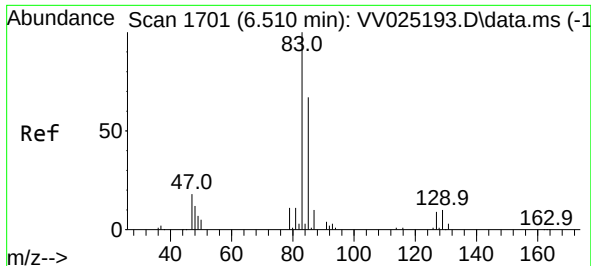
Tgt Ion: 63 Resp: 52562

Ion Ratio Lower Upper

63 100

112 4.8 4.2 6.2

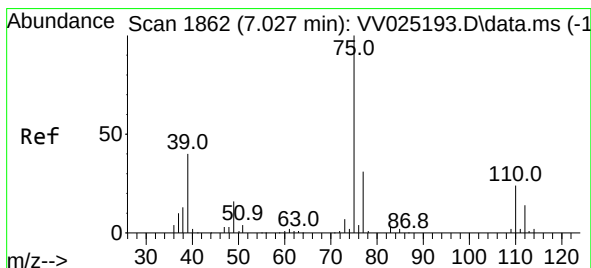
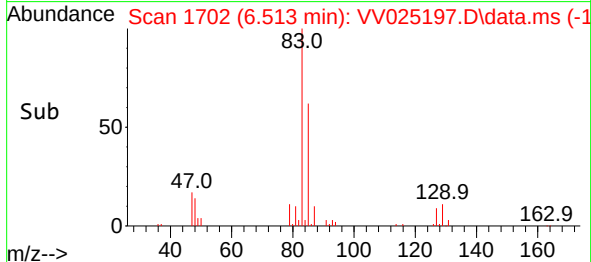
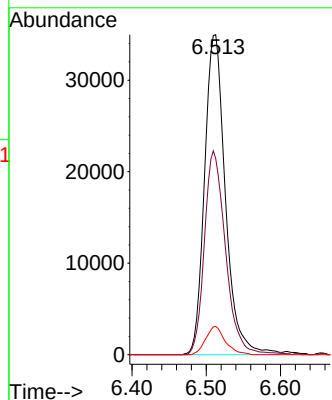
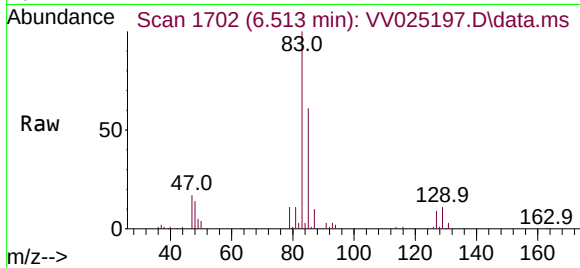




#38
Bromodichloromethane
Concen: 5.148 ug/L
RT: 6.513 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VV025197.D
Acq: 26 Mar 2022 14:28

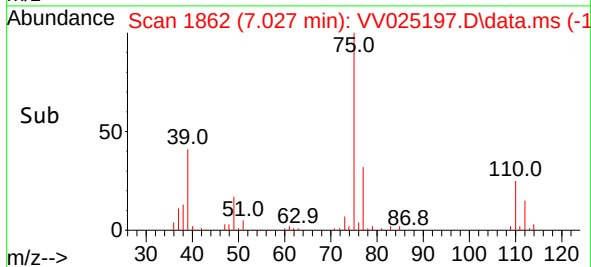
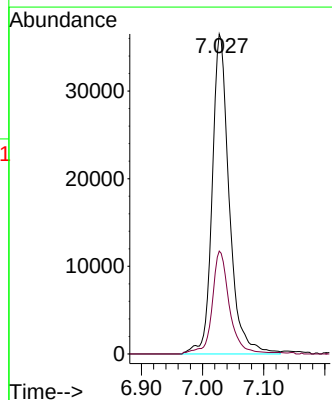
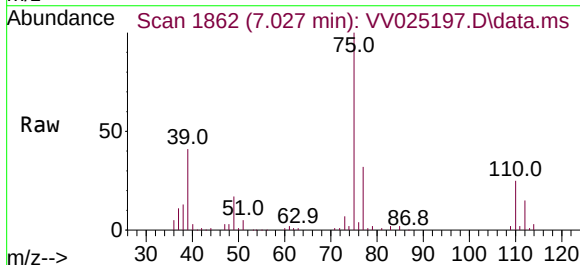
Instrument :
MSVOA_V
ClientSampleId :
VSTD005350

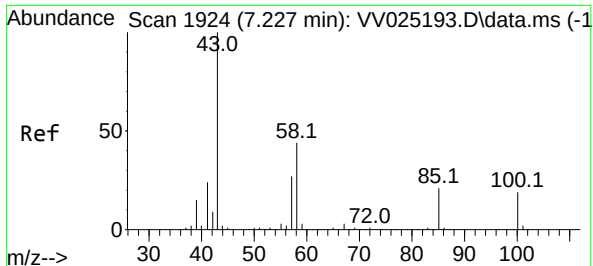
Tgt Ion: 83 Resp: 68298
Ion Ratio Lower Upper
83 100
85 61.3 47.2 87.6
127 8.9 7.2 10.8



#39
cis-1,3-Dichloropropene
Concen: 5.216 ug/L
RT: 7.027 min Scan# 1862
Delta R.T. -0.000 min
Lab File: VV025197.D
Acq: 26 Mar 2022 14:28

Tgt Ion: 75 Resp: 70832
Ion Ratio Lower Upper
75 100
77 32.2 22.1 41.1





#40

4-Methyl-2-pentanone

Concen: 54.291 ug/L

RT: 7.230 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV025197.D

Acq: 26 Mar 2022 14:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD005350

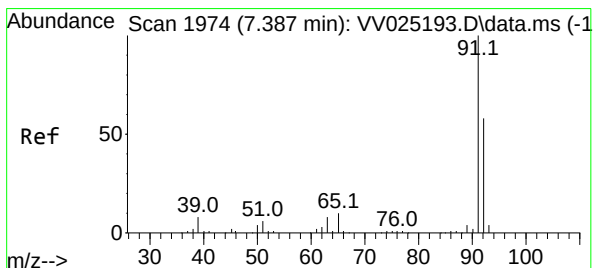
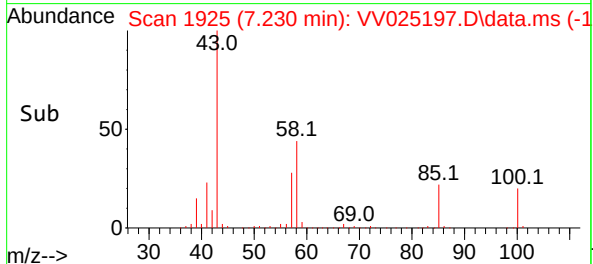
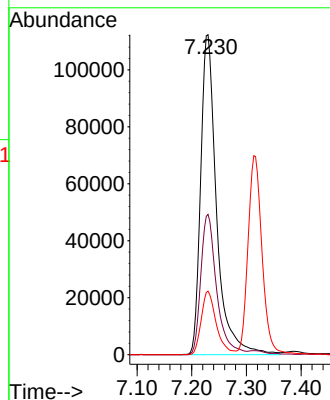
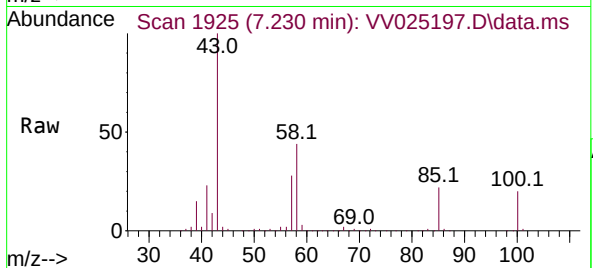
Tgt Ion: 43 Resp: 227010

Ion Ratio Lower Upper

43 100

58 43.5 35.1 52.7

100 18.8 15.5 23.3



#42

Toluene

Concen: 5.295 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.000 min

Lab File: VV025197.D

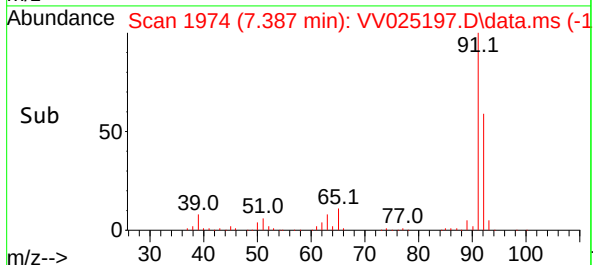
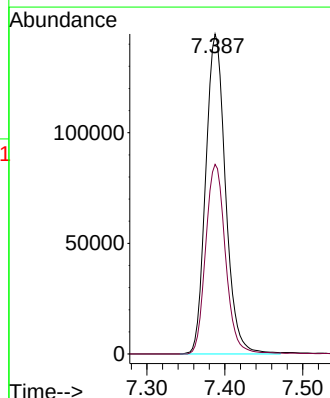
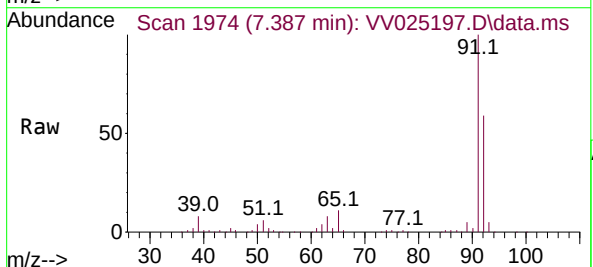
Acq: 26 Mar 2022 14:28

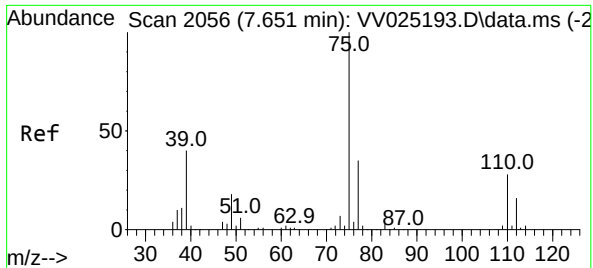
Tgt Ion: 91 Resp: 255184

Ion Ratio Lower Upper

91 100

92 59.2 40.3 74.9

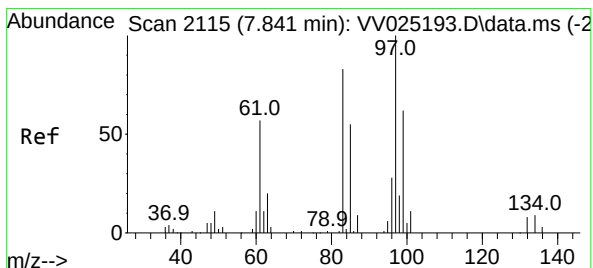
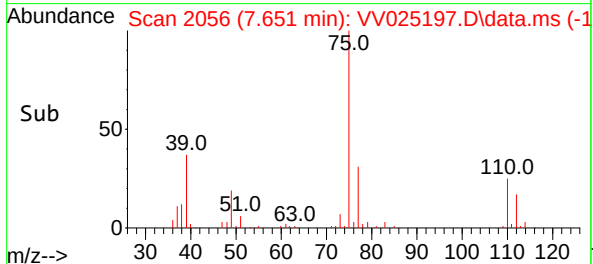
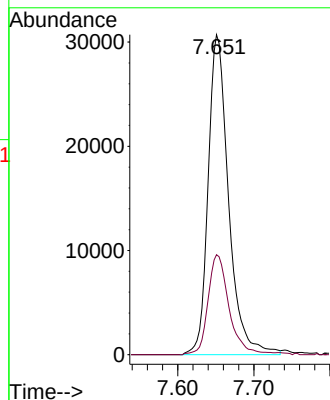
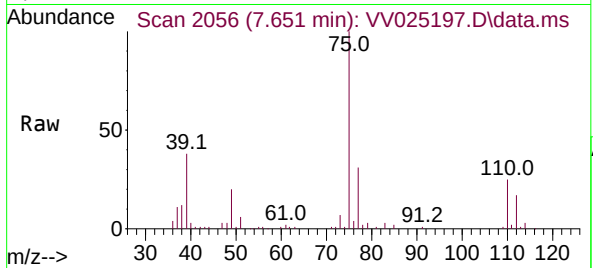




#44
trans-1,3-Dichloropropene
Concen: 5.370 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VV025197.D
Acq: 26 Mar 2022 14:28

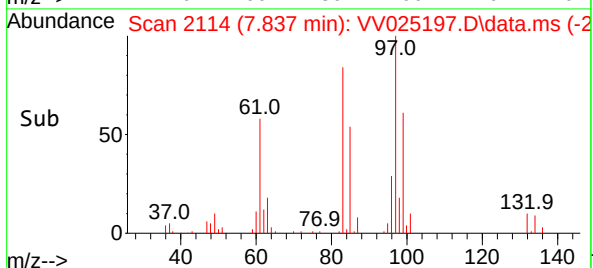
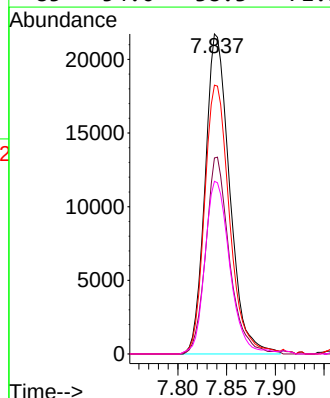
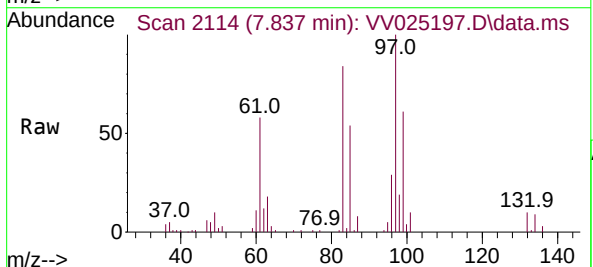
Instrument :
MSVOA_V
ClientSampleId :
VSTD005350

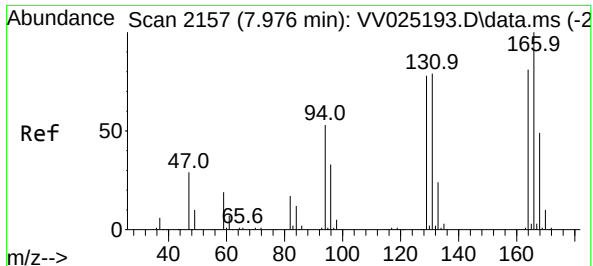
Tgt Ion: 75 Resp: 57320
Ion Ratio Lower Upper
75 100
77 31.2 24.2 45.0



#45
1,1,2-Trichloroethane
Concen: 5.308 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VV025197.D
Acq: 26 Mar 2022 14:28

Tgt Ion: 97 Resp: 38063
Ion Ratio Lower Upper
97 100
99 61.2 43.3 80.5
83 84.0 58.0 107.6
85 54.0 38.3 71.1





#47

Tetrachloroethene

Concen: 5.240 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV025197.D

Acq: 26 Mar 2022 14:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD005350

Tgt Ion:164 Resp: 47903

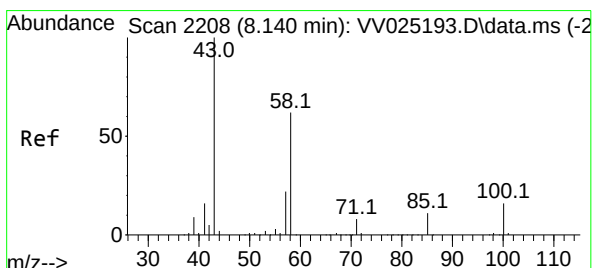
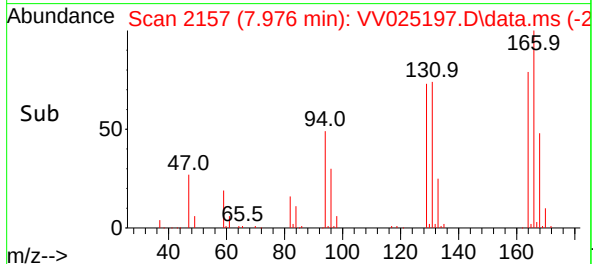
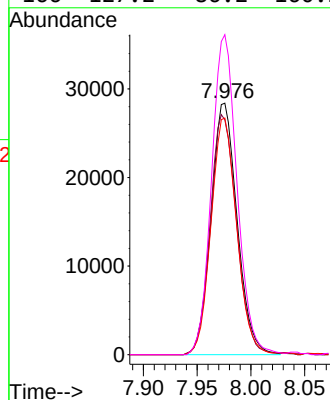
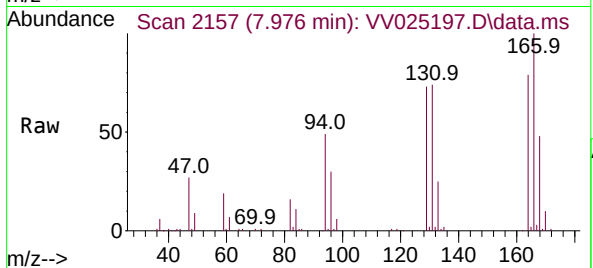
Ion Ratio Lower Upper

164 100

129 93.4 67.5 125.4

131 94.1 68.0 126.4

166 127.2 86.2 160.2



#48

2-Hexanone

Concen: 54.174 ug/L

RT: 8.140 min Scan# 2208

Delta R.T. -0.000 min

Lab File: VV025197.D

Acq: 26 Mar 2022 14:28

Tgt Ion: 43 Resp: 162009

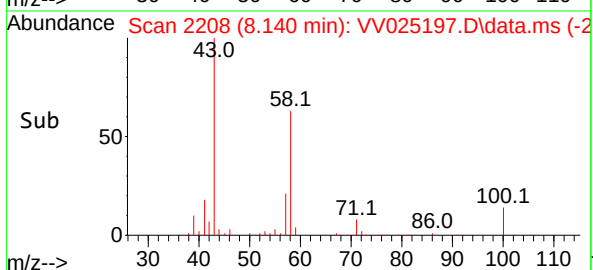
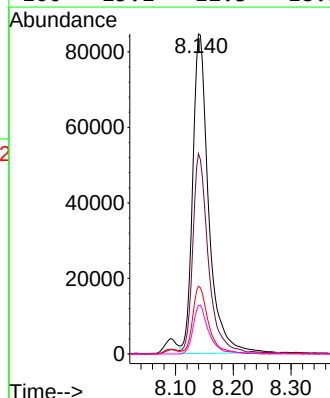
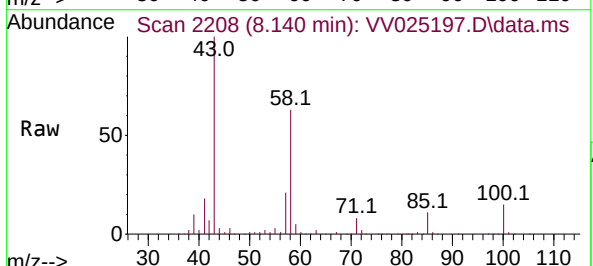
Ion Ratio Lower Upper

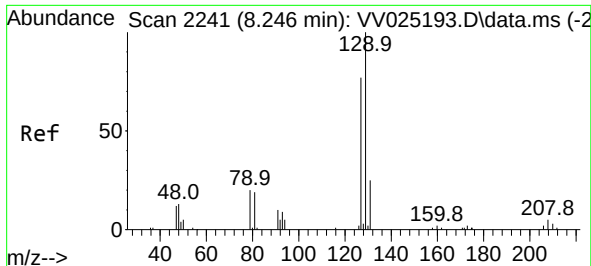
43 100

58 60.0 48.5 72.7

57 20.6 16.9 25.3

100 15.1 12.3 18.5





#49

Dibromochloromethane

Concen: 5.244 ug/L

RT: 8.246 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV025197.D

Acq: 26 Mar 2022 14:28

Instrument :

MSVOA_V

ClientSampleId :

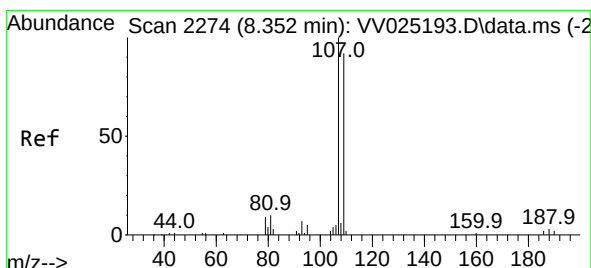
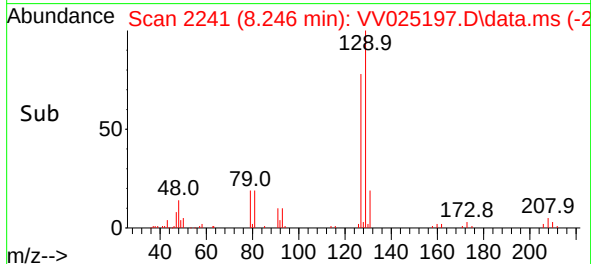
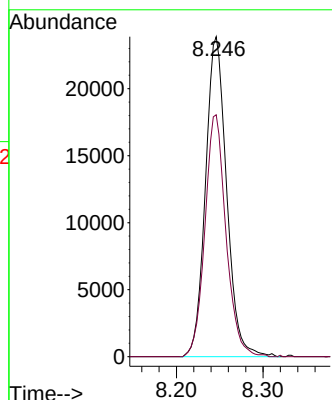
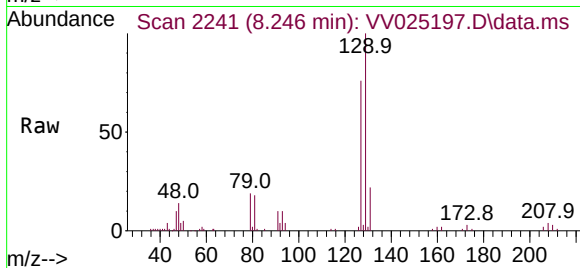
VSTD005350

Tgt Ion:129 Resp: 40466

Ion Ratio Lower Upper

129 100

127 75.6 54.1 100.5



#50

1,2-Dibromoethane

Concen: 5.143 ug/L

RT: 8.352 min Scan# 2274

Delta R.T. -0.000 min

Lab File: VV025197.D

Acq: 26 Mar 2022 14:28

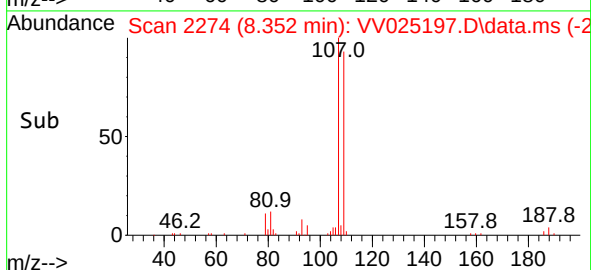
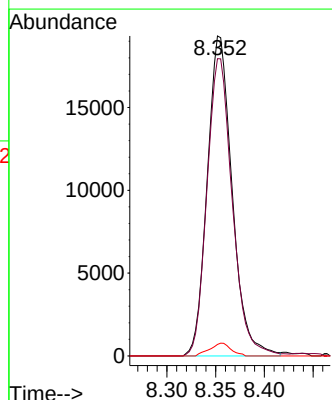
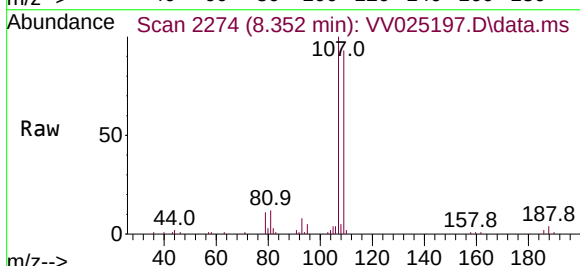
Tgt Ion:107 Resp: 34356

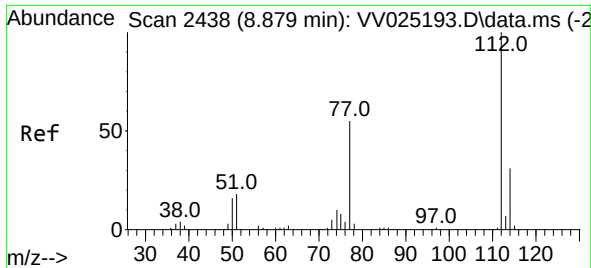
Ion Ratio Lower Upper

107 100

109 92.9 64.7 120.1

188 3.6 2.2 3.4#

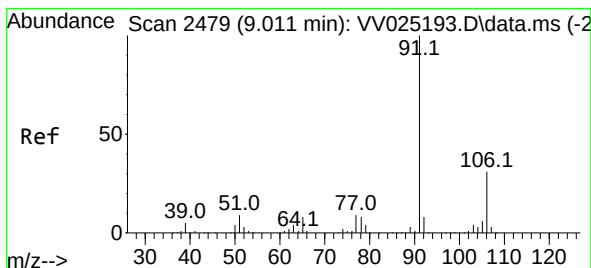
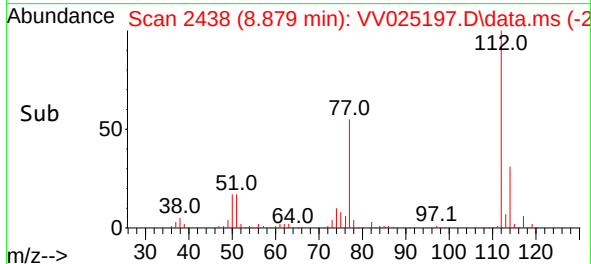
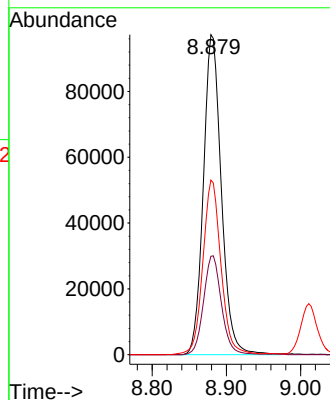
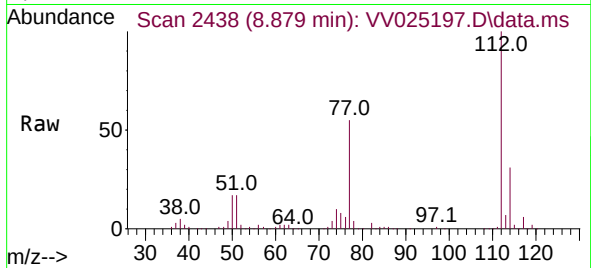




#51
Chlorobenzene
Concen: 5.252 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. -0.000 min
Lab File: VV025197.D
Acq: 26 Mar 2022 14:28

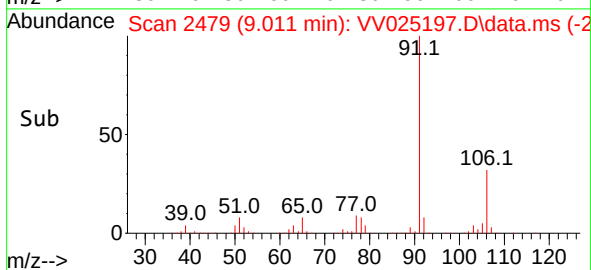
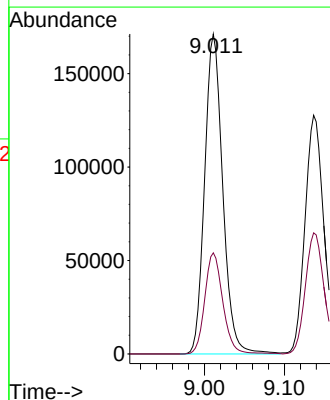
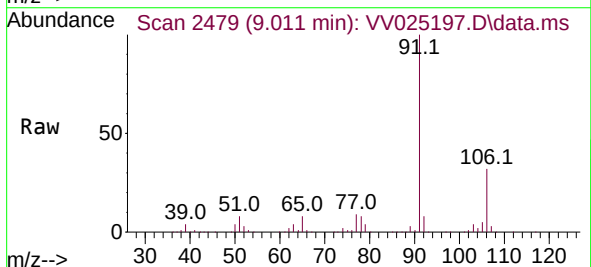
Instrument :
MSVOA_V
ClientSampleId :
VSTD005350

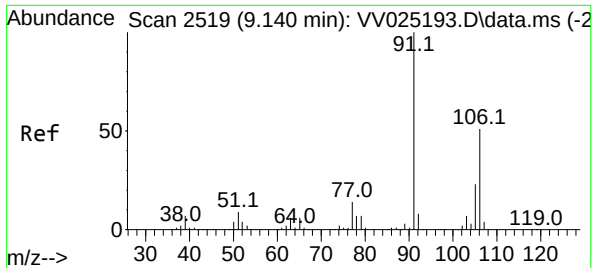
Tgt Ion:112 Resp: 163463
Ion Ratio Lower Upper
112 100
114 30.8 21.9 40.7
77 54.6 44.2 66.4



#52
Ethylbenzene
Concen: 5.283 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV025197.D
Acq: 26 Mar 2022 14:28

Tgt Ion: 91 Resp: 270085
Ion Ratio Lower Upper
91 100
106 31.6 21.7 40.3

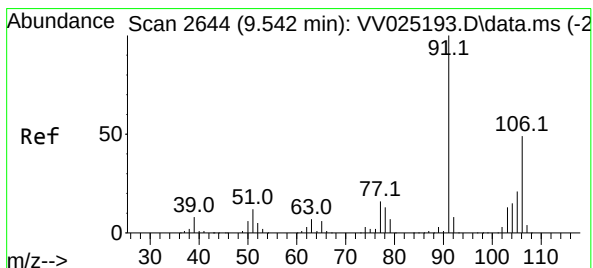
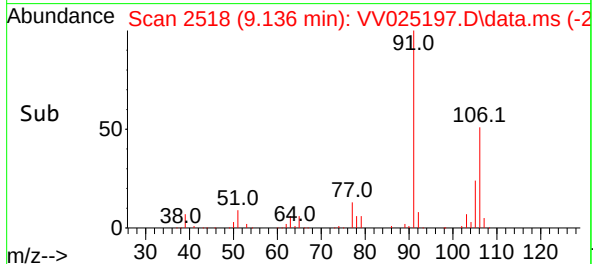
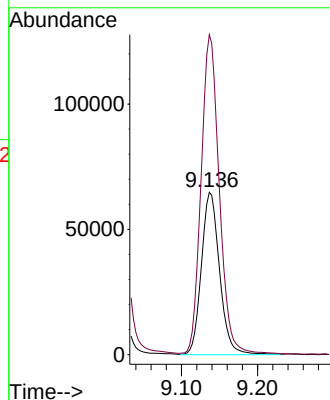
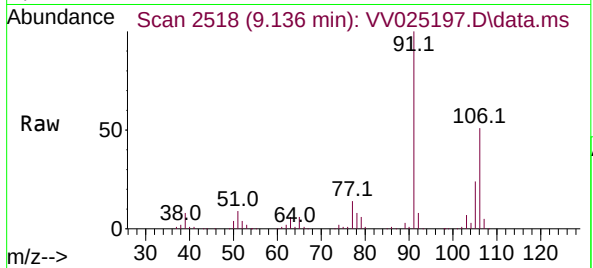




#53
m,p-Xylene
Concen: 5.424 ug/L
RT: 9.136 min Scan# 2519
Delta R.T. -0.003 min
Lab File: VV025197.D
Acq: 26 Mar 2022 14:28

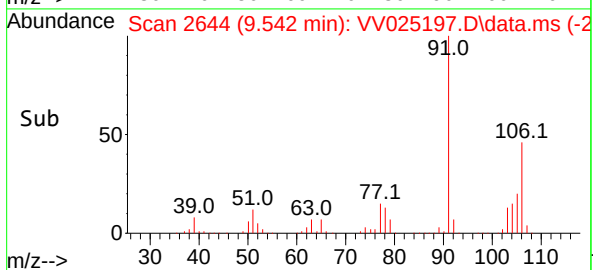
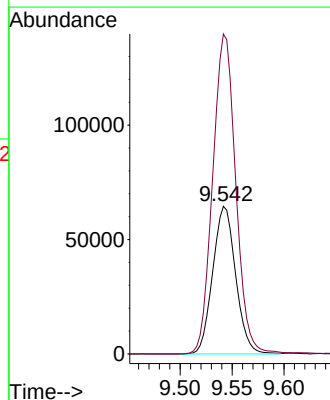
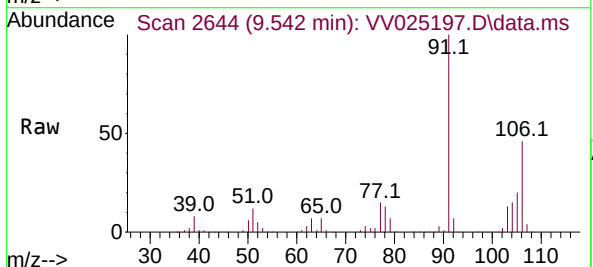
Instrument :
MSVOA_V
ClientSampleId :
VSTD005350

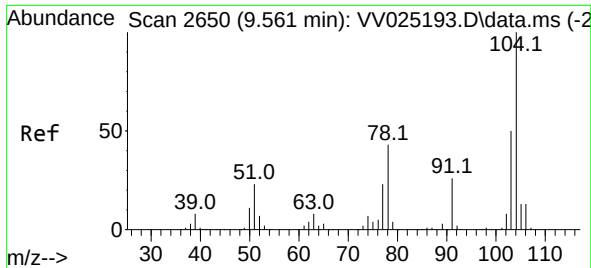
Tgt Ion:106 Resp: 107833
Ion Ratio Lower Upper
106 100
91 197.0 136.8 254.0



#54
o-Xylene
Concen: 5.218 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV025197.D
Acq: 26 Mar 2022 14:28

Tgt Ion:106 Resp: 99161
Ion Ratio Lower Upper
106 100
91 216.7 143.0 265.6

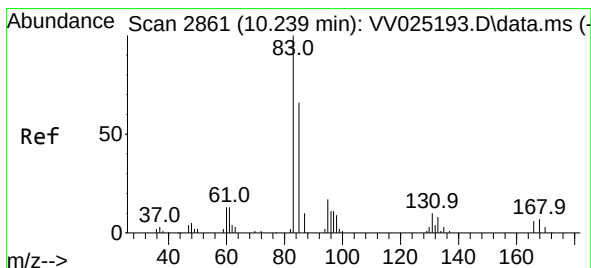
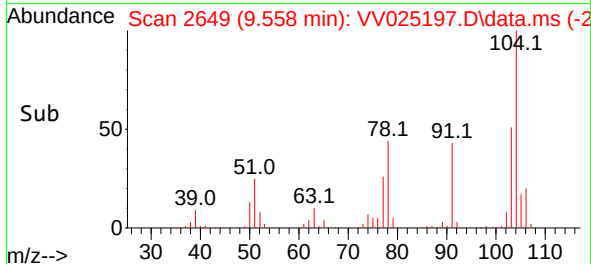
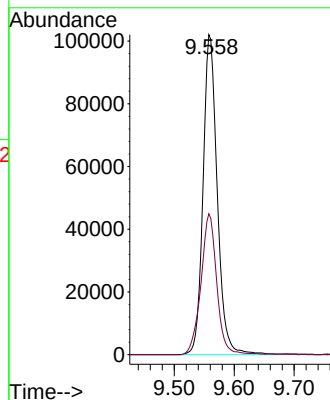
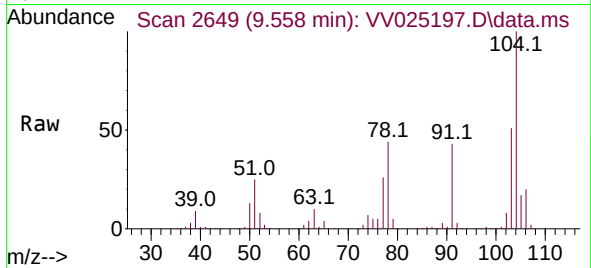




#55
Styrene
Concen: 5.401 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV025197.D
Acq: 26 Mar 2022 14:28

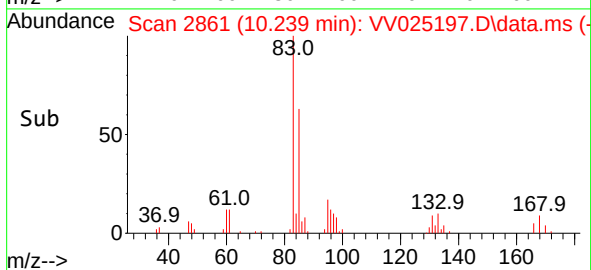
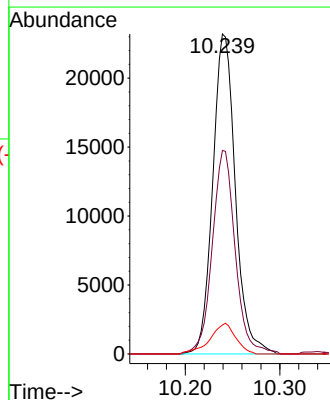
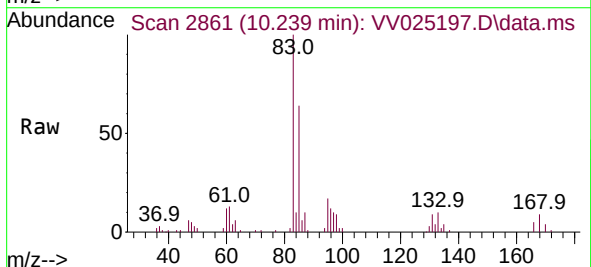
Instrument :
MSVOA_V
ClientSampleId :
VSTD005350

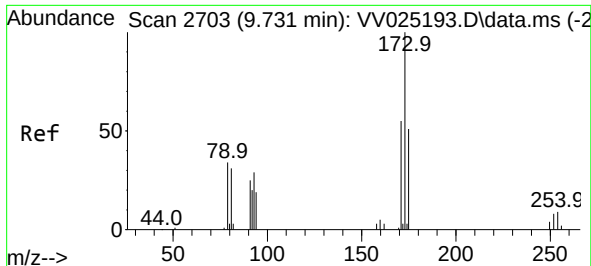
Tgt Ion:104 Resp: 168793
Ion Ratio Lower Upper
104 100
78 44.1 30.1 55.9



#57
1,1,2,2-Tetrachloroethane
Concen: 5.153 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV025197.D
Acq: 26 Mar 2022 14:28

Tgt Ion: 83 Resp: 38514
Ion Ratio Lower Upper
83 100
85 63.6 46.2 85.8
131 9.0 8.1 12.1





#59

Bromoform

Concen: 5.232 ug/L

RT: 9.731 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV025197.D

Acq: 26 Mar 2022 14:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD005350

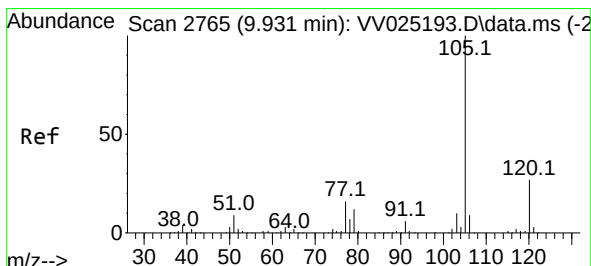
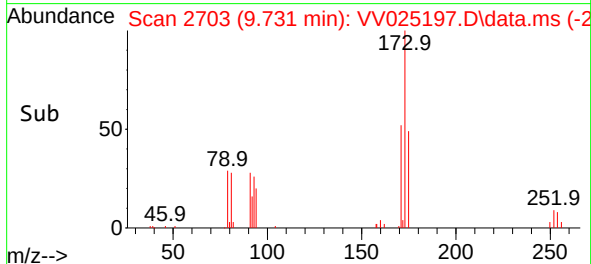
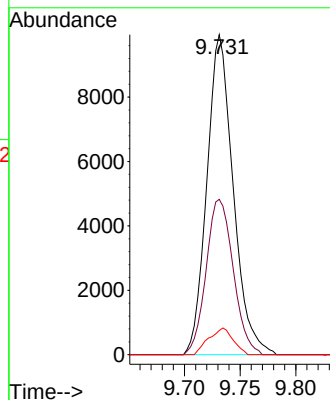
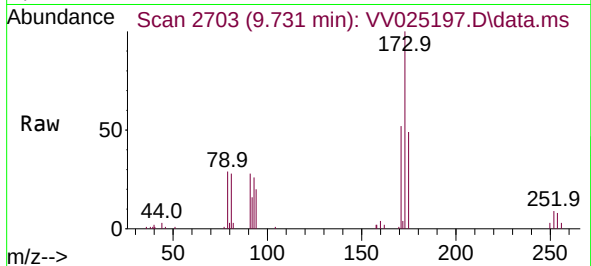
Tgt Ion:173 Resp: 16349

Ion Ratio Lower Upper

173 100

175 50.0 39.4 59.0

254 7.7 5.6 8.4



#60

Isopropylbenzene

Concen: 5.375 ug/L

RT: 9.931 min Scan# 2765

Delta R.T. -0.000 min

Lab File: VV025197.D

Acq: 26 Mar 2022 14:28

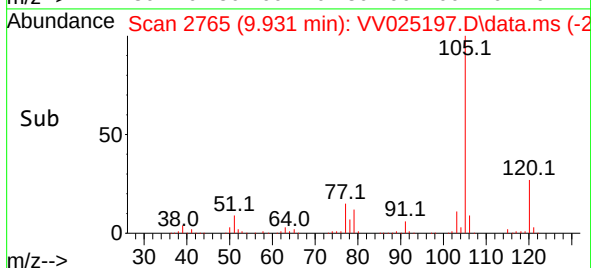
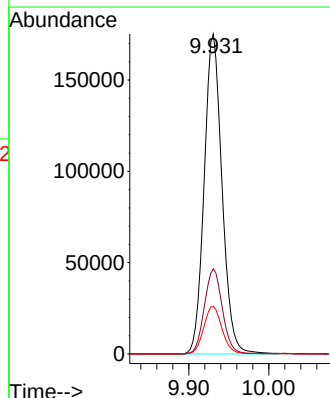
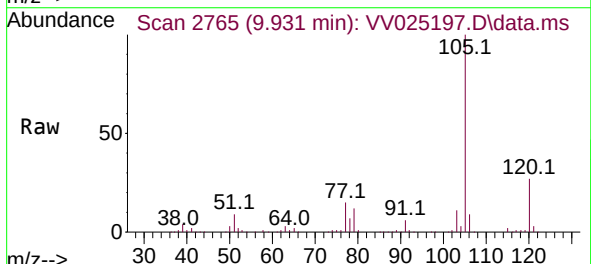
Tgt Ion:105 Resp: 272510

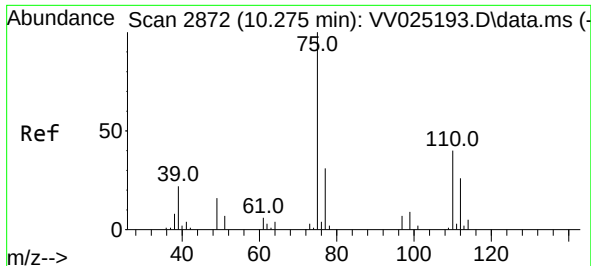
Ion Ratio Lower Upper

105 100

120 26.9 21.1 31.7

77 15.4 12.6 18.8

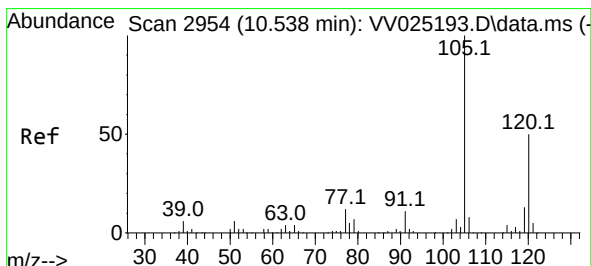
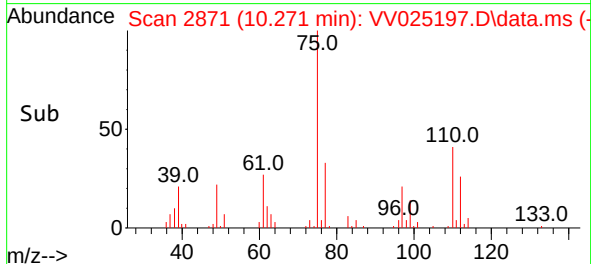
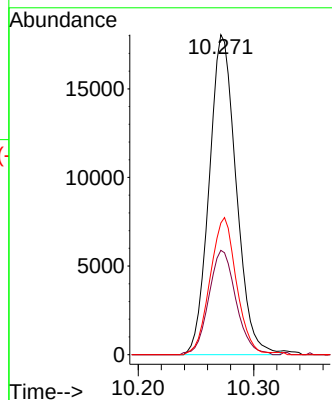
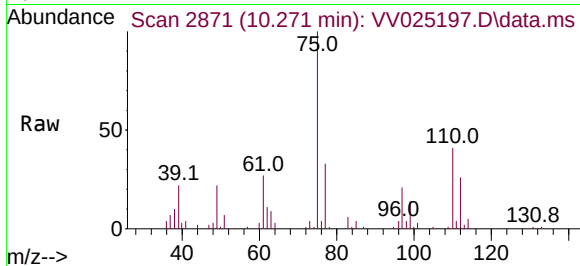




#61
1,2,3-Trichloropropane
Concen: 5.063 ug/L
RT: 10.271 min Scan# 2872
Delta R.T. -0.003 min
Lab File: VV025197.D
Acq: 26 Mar 2022 14:28

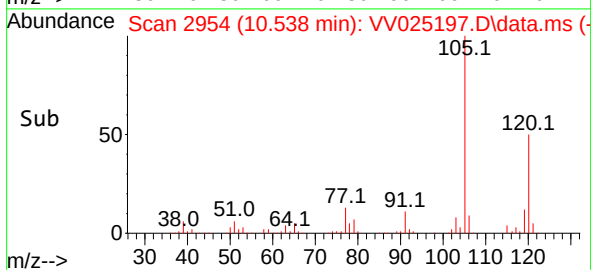
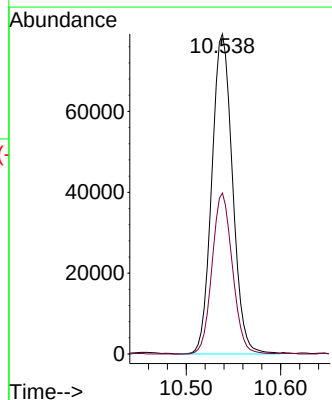
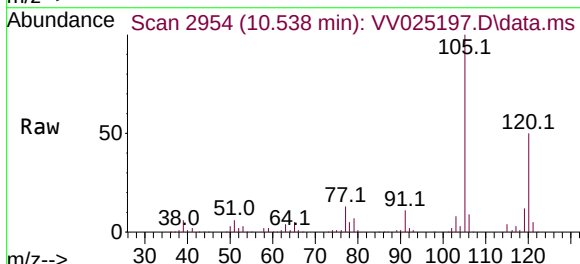
Instrument :
MSVOA_V
ClientSampleId :
VSTD005350

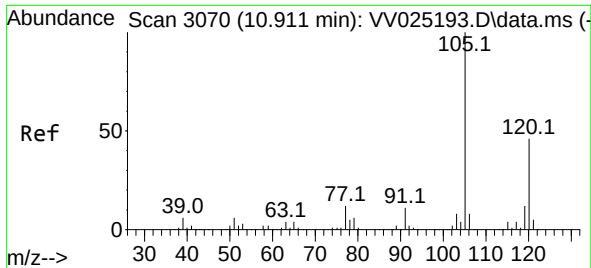
Tgt Ion: 75 Resp: 29283
Ion Ratio Lower Upper
75 100
77 32.8 25.8 38.6
110 42.3 31.6 47.4



#62
1,3,5-Trimethylbenzene
Concen: 5.304 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV025197.D
Acq: 26 Mar 2022 14:28

Tgt Ion: 105 Resp: 120584
Ion Ratio Lower Upper
105 100
120 49.4 39.7 59.5

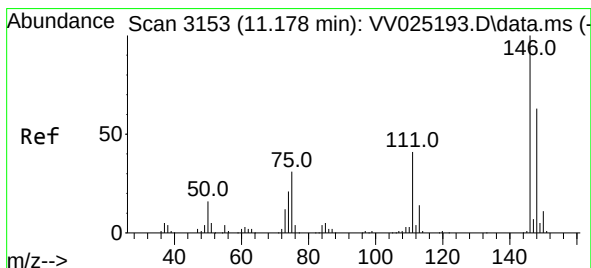
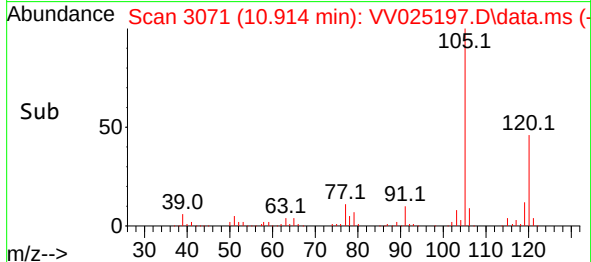
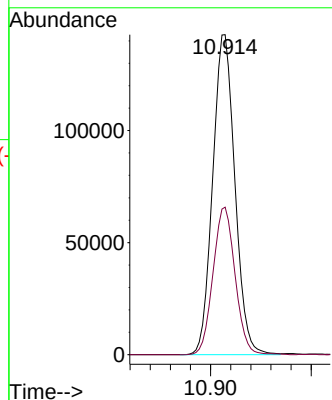
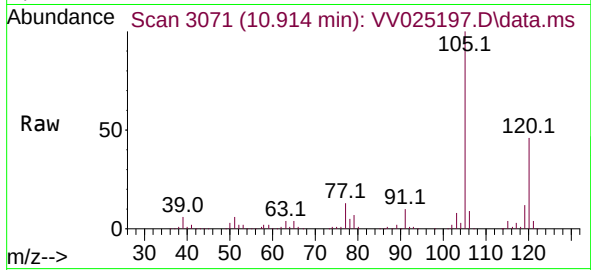




#63
1,2,4-Trimethylbenzene
Concen: 5.398 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV025197.D
Acq: 26 Mar 2022 14:28

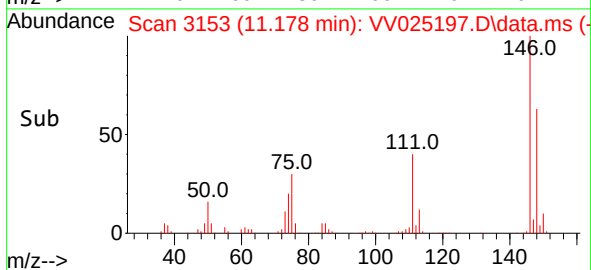
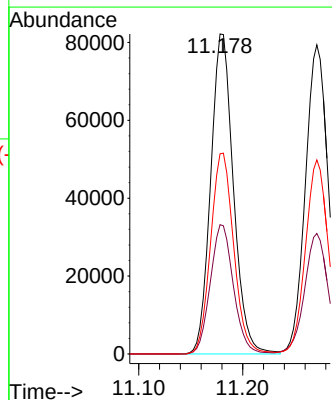
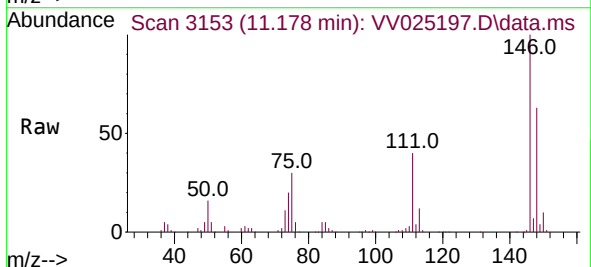
Instrument :
MSVOA_V
ClientSampleId :
VSTD005350

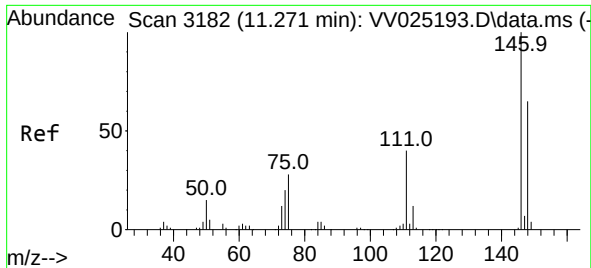
Tgt Ion:105 Resp: 218961
Ion Ratio Lower Upper
105 100
120 45.8 36.5 54.7



#64
1,3-Dichlorobenzene
Concen: 5.262 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV025197.D
Acq: 26 Mar 2022 14:28

Tgt Ion:146 Resp: 124942
Ion Ratio Lower Upper
146 100
111 40.4 29.0 53.8
148 62.5 44.0 81.8

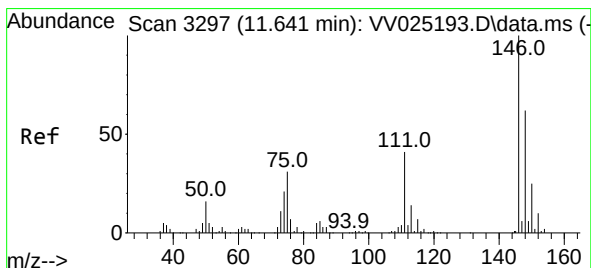
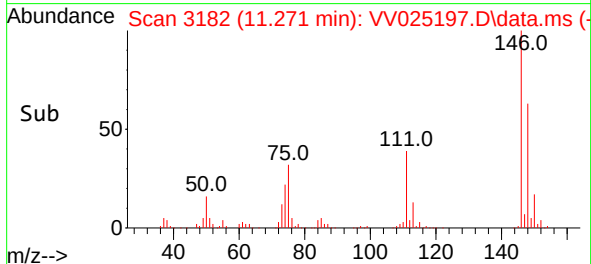
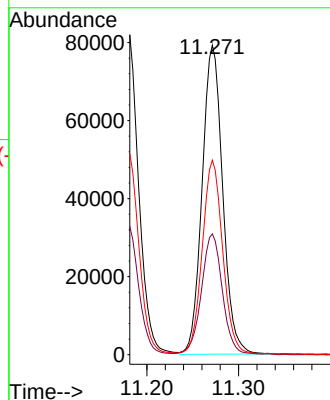
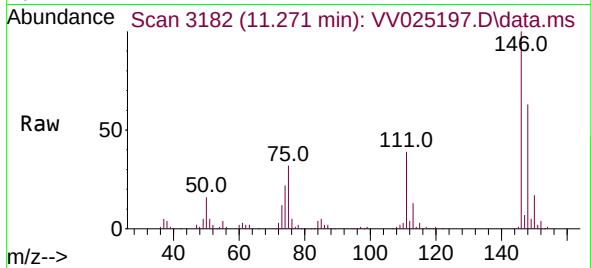




#65
1,4-Dichlorobenzene
Concen: 5.181 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV025197.D
Acq: 26 Mar 2022 14:28

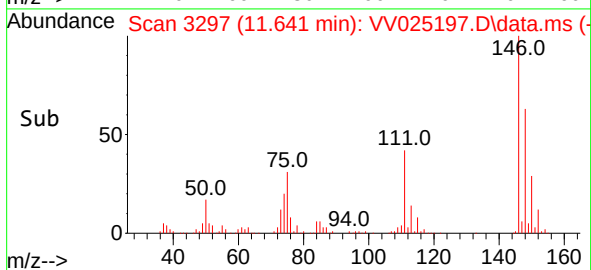
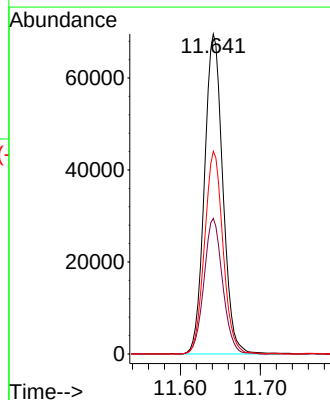
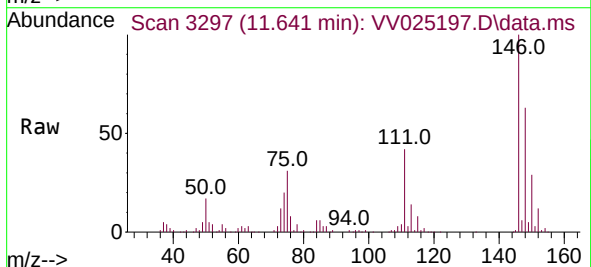
Instrument :
MSVOA_V
ClientSampleId :
VSTD005350

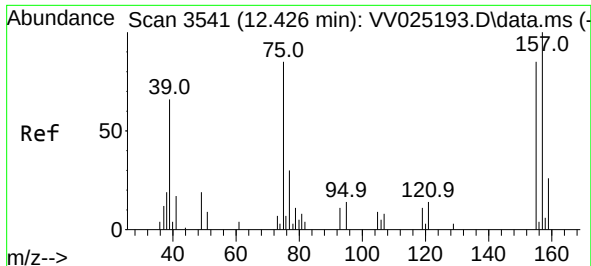
Tgt Ion:146 Resp: 123198
Ion Ratio Lower Upper
146 100
111 39.0 27.9 51.9
148 62.8 45.6 84.8



#67
1,2-Dichlorobenzene
Concen: 5.325 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV025197.D
Acq: 26 Mar 2022 14:28

Tgt Ion:146 Resp: 111264
Ion Ratio Lower Upper
146 100
111 42.4 33.0 49.6
148 63.4 49.3 73.9

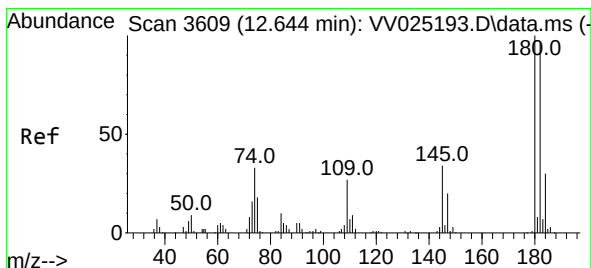
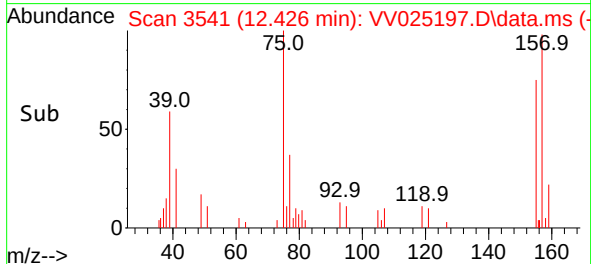
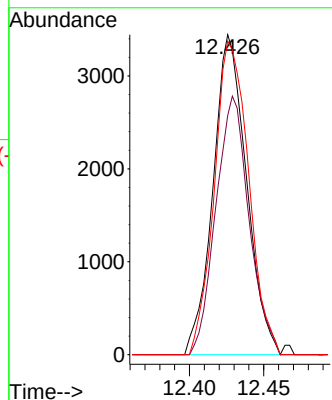
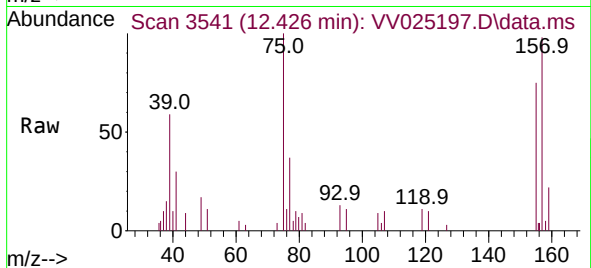




#68
1,2-Dibromo-3-chloropropane
Concen: 5.203 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV025197.D
Acq: 26 Mar 2022 14:28

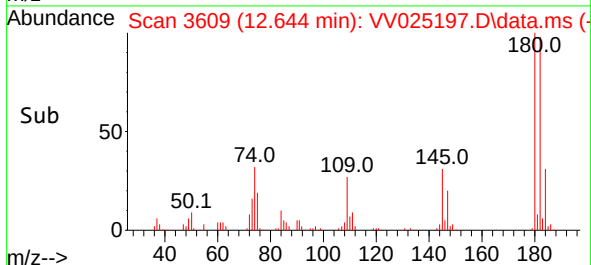
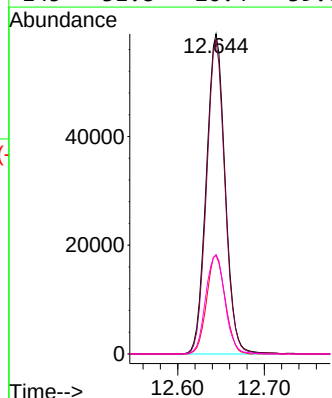
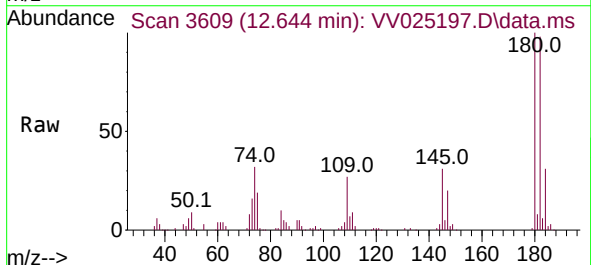
Instrument :
MSVOA_V
ClientSampleId :
VSTD005350

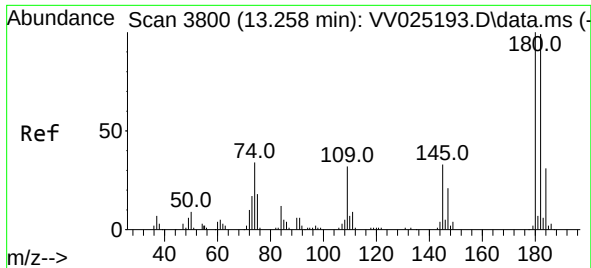
Tgt Ion: 75 Resp: 5388
Ion Ratio Lower Upper
75 100
155 74.7 80.0 120.0#
157 98.0 94.5 141.7



#69
1,3,5-Trichlorobenzene
Concen: 5.203 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. -0.000 min
Lab File: VV025197.D
Acq: 26 Mar 2022 14:28

Tgt Ion: 180 Resp: 89126
Ion Ratio Lower Upper
180 100
182 95.2 77.1 115.7
184 30.3 23.6 35.4
145 31.8 26.4 39.6

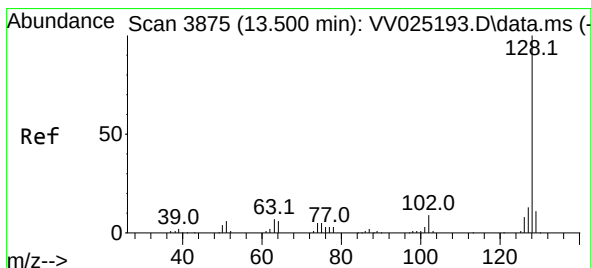
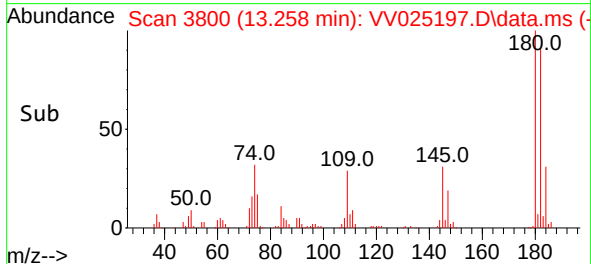
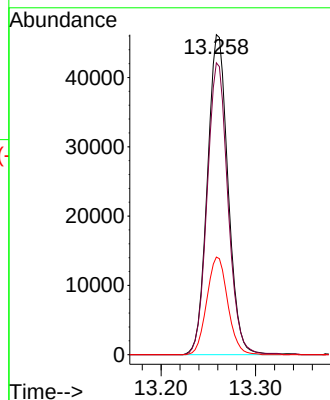
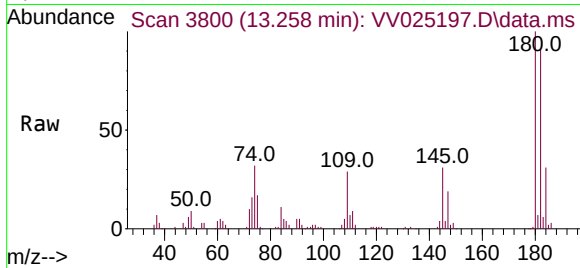




#70
1,2,4-trichlorobenzene
Concen: 5.419 ug/L
RT: 13.258 min Scan# 3800
Delta R.T. -0.000 min
Lab File: VV025197.D
Acq: 26 Mar 2022 14:28

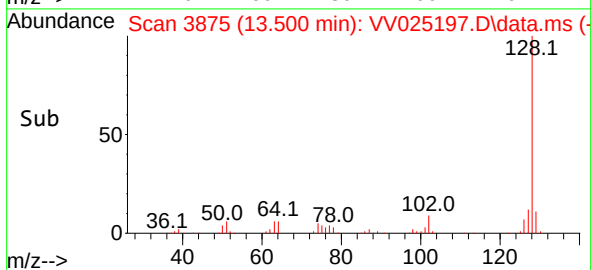
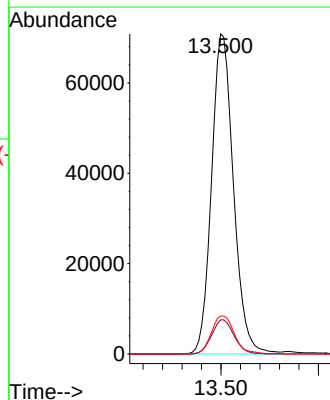
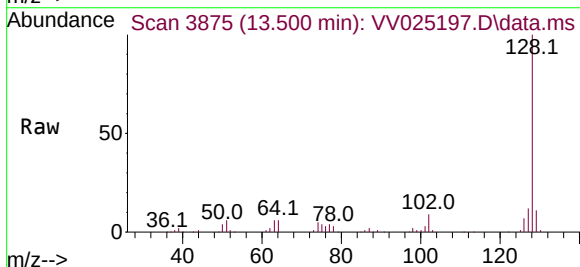
Instrument :
MSVOA_V
ClientSampleId :
VSTD005350

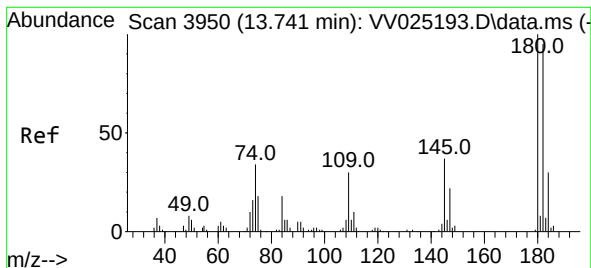
Tgt Ion:180	Resp:	70034
Ion Ratio	Lower	Upper
180	100	
182	91.8	77.5 116.3
145	30.9	26.2 39.4



#71
Naphthalene
Concen: 5.494 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV025197.D
Acq: 26 Mar 2022 14:28

Tgt Ion:128	Resp:	110659
Ion Ratio	Lower	Upper
128	100	
129	10.9	8.8 13.2
127	12.4	10.6 16.0





#72

1,2,3-Trichlorobenzene

Concen: 5.406 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV025197.D

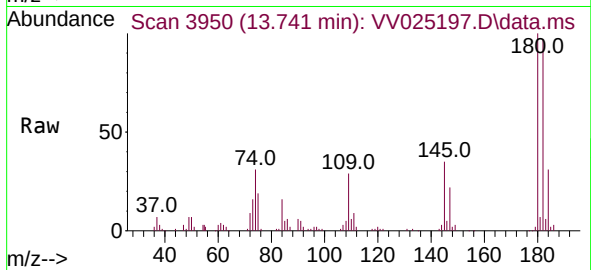
Acq: 26 Mar 2022 14:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD005350



Tgt Ion:180 Resp: 60198

Ion Ratio Lower Upper

180 100

182 95.5 75.8 113.6

145 34.4 28.6 42.8

