

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022421\
 Data File : VW020381.D
 Acq On : 23 Feb 2021 14:35
 Operator : SY/MD
 Sample : VSTD00165
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001704

Quant Time: Feb 24 02:51:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 24 02:49:39 2021
 Response via : Initial Calibration

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

Internal Standards					
1) 1,4-Difluorobenzene	5.622	114	297968	5.00 ug/L	0.00
28) Chlorobenzene-d5	8.857	117	291887	5.00 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	151475	5.00 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.307	65	19914	0.96 ug/L	0.00
7) Chloroethane-d5	1.568	69	15850	0.90 ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	38935	1.24 ug/L	0.00
20) 2-Butanone-d5	3.928	46	34646	8.26 ug/L	0.02
24) Chloroform-d	4.355	84	37422	0.94 ug/L	0.00
26) 1,2-Dichloroethane-d4	5.043	65	17792	0.90 ug/L	0.00
32) Benzene-d6	5.059	84	69699	0.91 ug/L	0.00
36) 1,2-Dichloropropane-d6	6.075	67	20157	0.90 ug/L	0.00
41) Toluene-d8	7.323	98	65501	0.92 ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	7390	0.88 ug/L	0.00
46) 2-Hexanone-d5	8.098	63	22104	6.48 ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.220	84	14036	0.93 ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.631	152	26589	1.02 ug/L	0.00
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.130	85	34970	1.12 ug/L	99
3) Chloromethane	1.240	50	31966	1.08 ug/L	100
5) Vinyl chloride	1.310	62	33843	1.16 ug/L	100
6) Bromomethane	1.523	94	21264	1.24 ug/L	94
8) Chloroethane	1.587	64	20538	1.20 ug/L	98
9) Trichlorofluoromethane	1.754	101	47200	1.30 ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	24160	1.26 ug/L	97
12) 1,1-Dichloroethene	2.121	96	24684	1.35 ug/L	95
13) Acetone	2.204	43	31299	12.26 ug/L	61
14) Carbon disulfide	2.294	76	71705	1.11 ug/L	100
15) Methyl Acetate	2.452	43	8054	1.09 ug/L	96
16) Methylene chloride	2.510	84	28307	1.23 ug/L	90
17) Methyl tert-butyl Ether	2.770	73	48142	1.03 ug/L	100
18) trans-1,2-Dichloroethene	2.764	96	26027	1.14 ug/L	99
19) 1,1-Dichloroethane	3.194	63	45685	1.12 ug/L	99
21) 2-Butanone	4.011	43	40779	8.60 ug/L	100
22) cis-1,2-Dichloroethene	3.921	96	26340	1.11 ug/L	98
23) Bromochloromethane	4.259	128	12128	1.18 ug/L	98
25) Chloroform	4.384	83	48780	1.15 ug/L	99
27) 1,2-Dichloroethane	5.143	62	25934	1.04 ug/L	97
29) 1,1,1-Trichloroethane	4.612	97	40317	1.06 ug/L	99
30) Cyclohexane	4.680	56	33318	0.92 ug/L	98
31) Carbon tetrachloride	4.831	117	34138	1.03 ug/L	98
33) Benzene	5.108	78	99212	1.10 ug/L	100
34) Trichloroethene	5.921	95	27680	1.11 ug/L	98
35) Methylcyclohexane	6.133	83	36842	0.98 ug/L	97
37) 1,2-Dichloropropane	6.181	63	23586	1.08 ug/L	99
38) Bromodichloromethane	6.516	83	29732	1.05 ug/L	96
39) cis-1,3-Dichloropropene	7.037	75	30612	1.02 ug/L	96
40) 4-Methyl-2-pentanone	7.233	43	105604	8.97 ug/L	99
42) Toluene	7.394	91	105811	1.09 ug/L	98
44) trans-1,3-Dichloropropene	7.661	75	23196	0.92 ug/L	97
45) 1,1,2-Trichloroethane	7.847	97	17380	1.13 ug/L	99

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

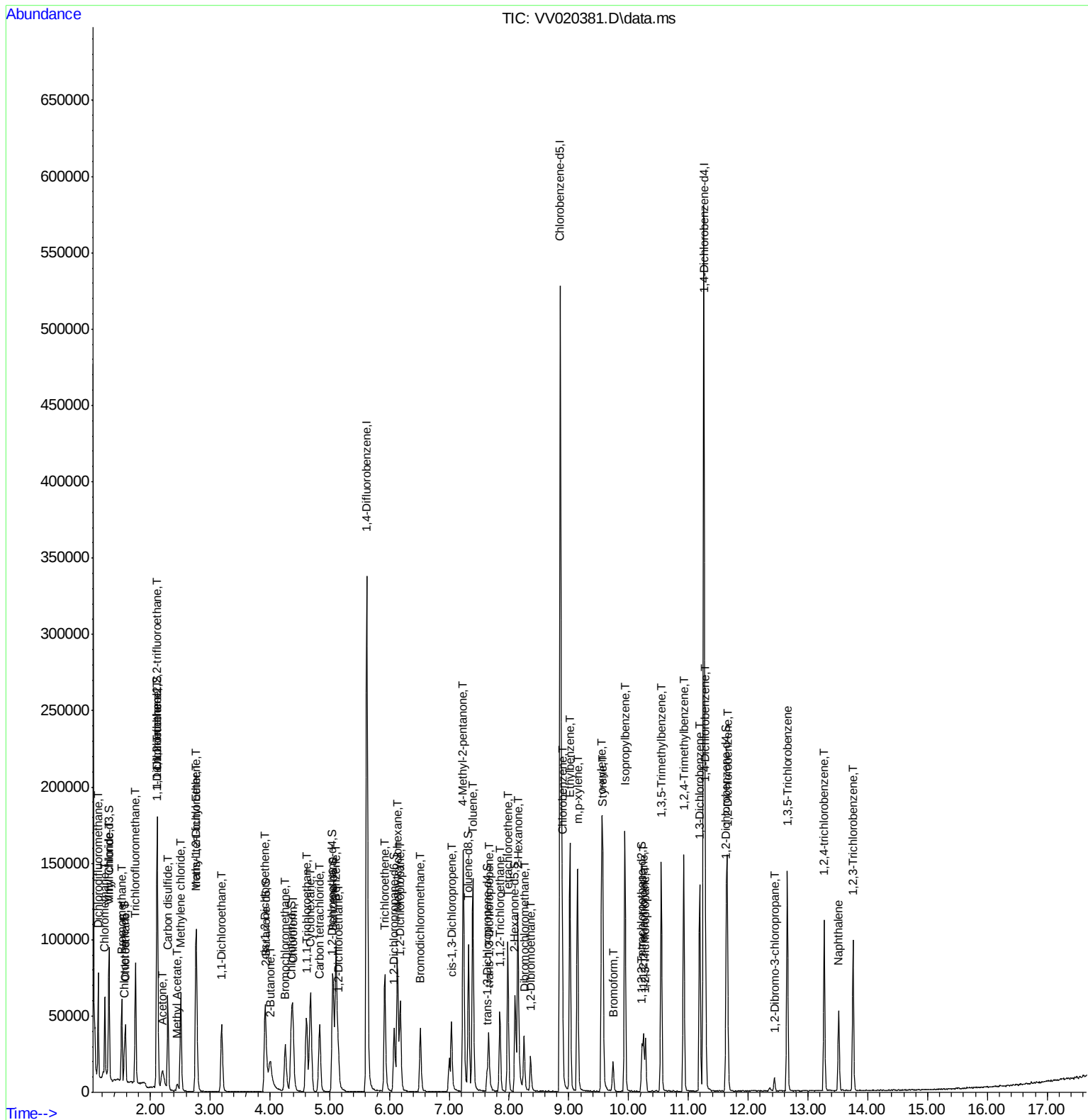
47) Tetrachloroethene	7.979	164	22440	1.05	ug/L	94
48) 2-Hexanone	8.149	43	76397	9.31	ug/L	96
49) Dibromochloromethane	8.252	129	17910	0.98	ug/L	99
50) 1,2-Dibromoethane	8.361	107	15323	1.05	ug/L	96
51) Chlorobenzene	8.889	112	71624	1.12	ug/L	97
52) Ethylbenzene	9.017	91	112879	1.05	ug/L	99
53) m,p-xylene	9.146	106	42496	1.05	ug/L	95
54) o-xylene	9.548	106	40233	1.03	ug/L	95
55) Styrene	9.567	104	64447	0.97	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.249	83	16805	1.04	ug/L	95
59) Bromoform	9.738	173	8885	0.97	ug/L	98
60) Isopropylbenzene	9.937	105	105925	1.10	ug/L	99
61) 1,2,3-Trichloropropane	10.281	75	14682	1.31	ug/L	96
62) 1,3,5-Trimethylbenzene	10.545	105	82778	1.04	ug/L	100
63) 1,2,4-Trimethylbenzene	10.921	105	83796	1.03	ug/L	99
64) 1,3-Dichlorobenzene	11.188	146	56685	1.13	ug/L	96
65) 1,4-Dichlorobenzene	11.281	146	58167	1.15	ug/L	96
67) 1,2-Dichlorobenzene	11.651	146	52420	1.17	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.438	75	2263	0.89	ug/L	98
69) 1,3,5-Trichlorobenzene	12.654	180	45998	1.08	ug/L	99
70) 1,2,4-trichlorobenzene	13.271	180	35670	1.04	ug/L	100
71) Naphthalene	13.512	128	43087	0.92	ug/L	98
72) 1,2,3-Trichlorobenzene	13.754	180	30544	1.00	ug/L	99

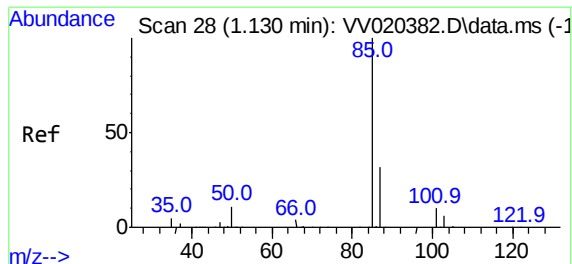
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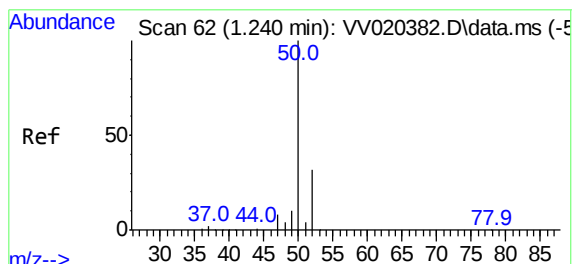
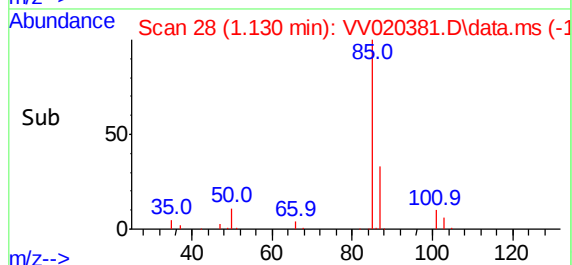
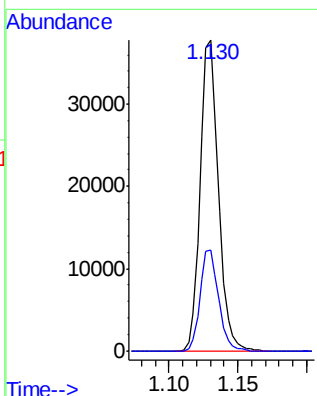
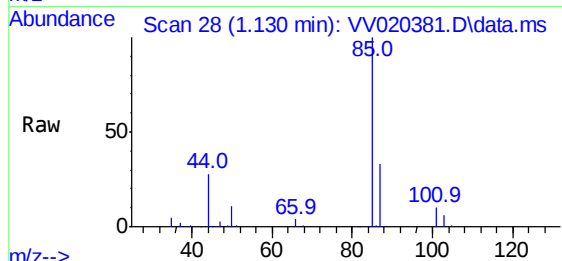




#2
Dichlorodifluoromethane
Concen: 1.12 ug/L
RT: 1.130 min Scan# 28
Delta R.T. -0.000 min
Lab File: VV020381.D
Acq: 23 Feb 2021 14:35

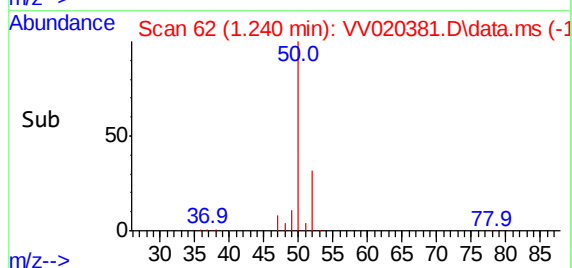
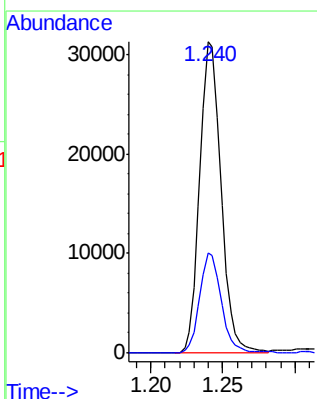
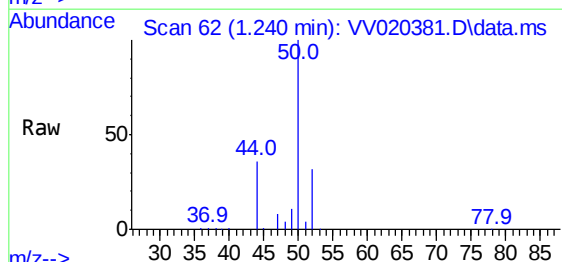
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MSVOA_V
ClientSampleId :
VSTD001704

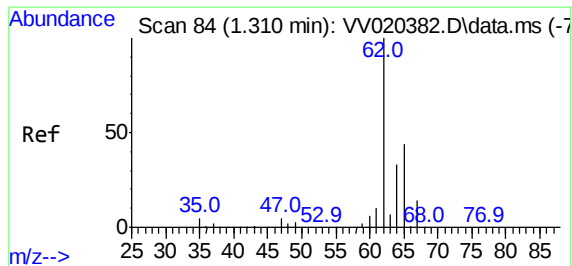
Tgt Ion: 85 Resp: 34970
Ion Ratio Lower Upper
85 100
87 32.7 25.7 38.5



#3
Chloromethane
Concen: 1.08 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.000 min
Lab File: VV020381.D
Acq: 23 Feb 2021 14:35

Tgt Ion: 50 Resp: 31966
Ion Ratio Lower Upper
50 100
52 31.9 22.5 41.9

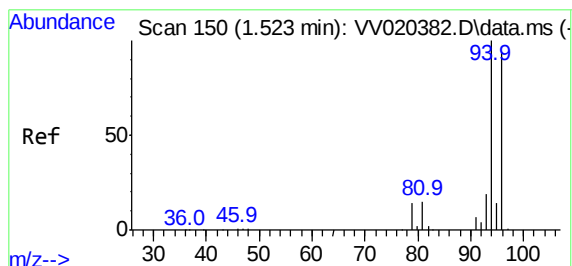
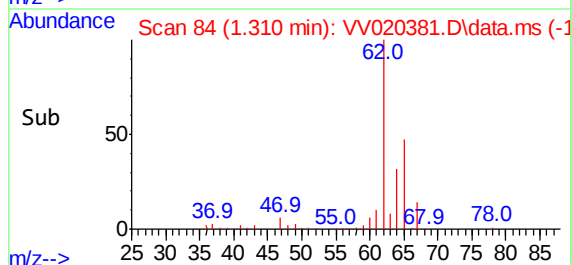
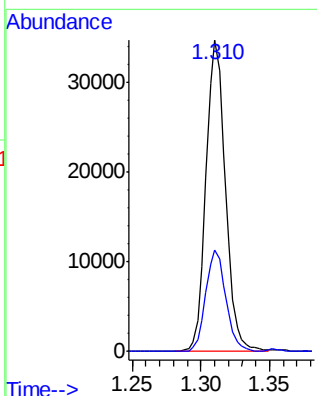
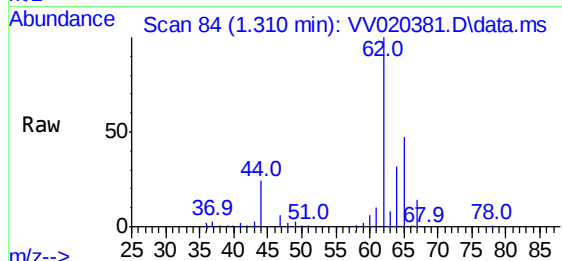




#5
 Vinyl chloride
 Concen: 1.16 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV020381.D
 Acq: 23 Feb 2021 14:35

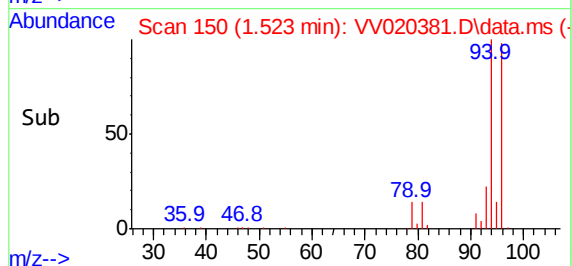
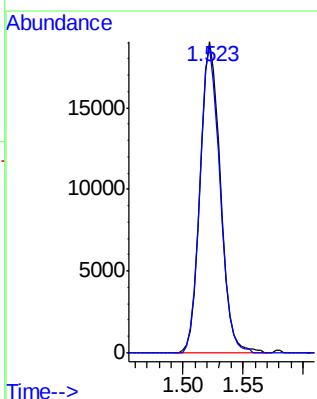
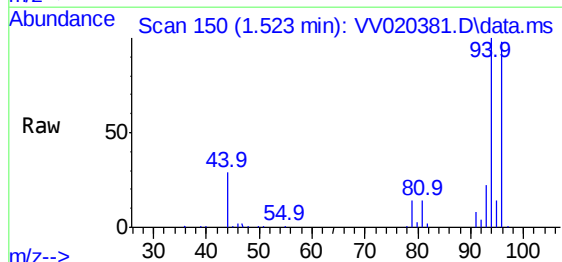
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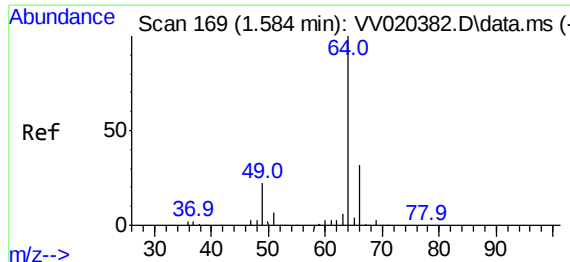
Tgt Ion: 62 Resp: 33843
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.8 42.4



#6
 Bromomethane
 Concen: 1.24 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV020381.D
 Acq: 23 Feb 2021 14:35

Tgt Ion: 94 Resp: 21264
 Ion Ratio Lower Upper
 94 100
 96 98.2 65.0 120.6

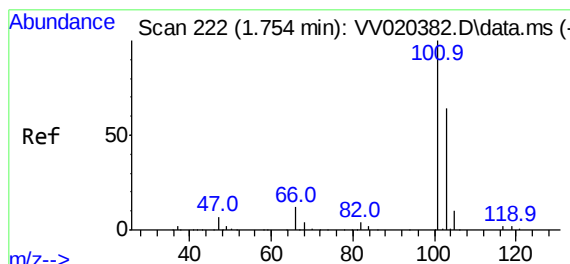
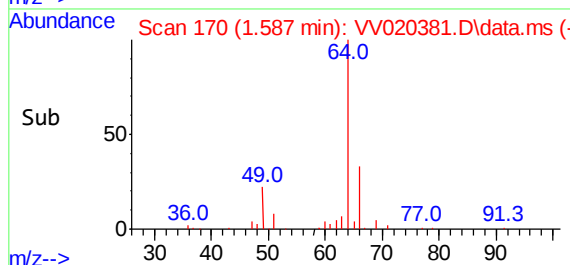
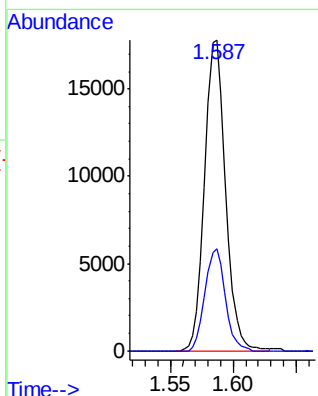
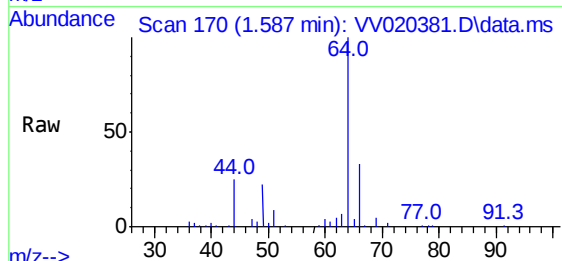




#8
Chloroethane
Concen: 1.20 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.003 min
Lab File: VV020381.D
Acq: 23 Feb 2021 14:35

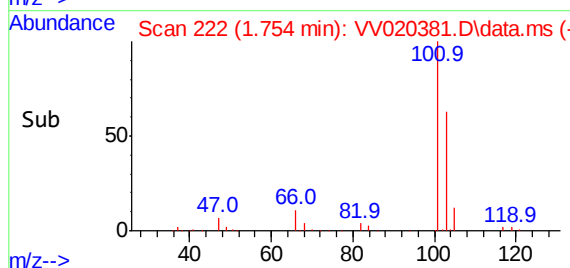
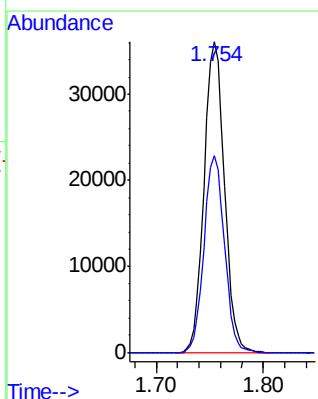
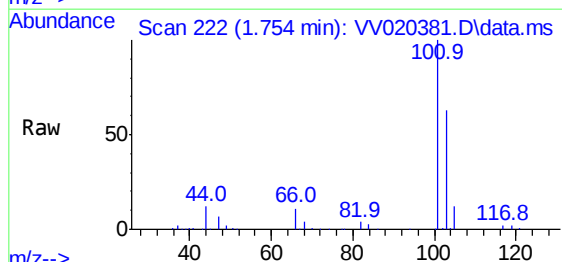
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ClientSampleId :
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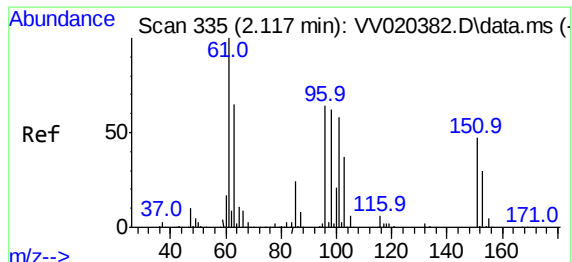
Tgt Ion: 64 Resp: 20538
Ion Ratio Lower Upper
64 100
66 32.8 22.3 41.5



#9
Trichlorofluoromethane
Concen: 1.30 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV020381.D
Acq: 23 Feb 2021 14:35

Tgt Ion: 101 Resp: 47200
Ion Ratio Lower Upper
101 100
103 63.5 51.9 77.9

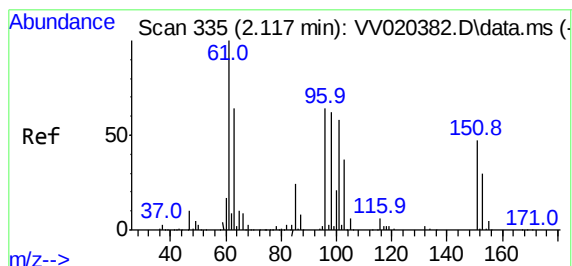
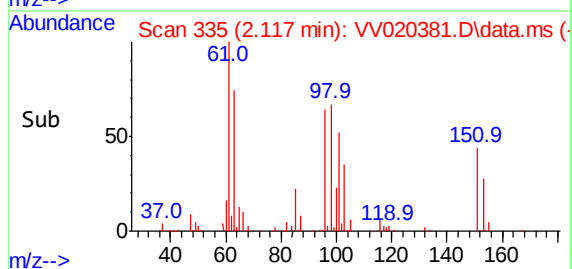
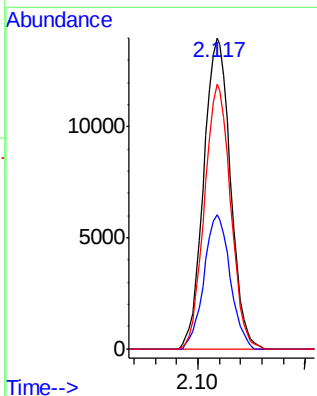
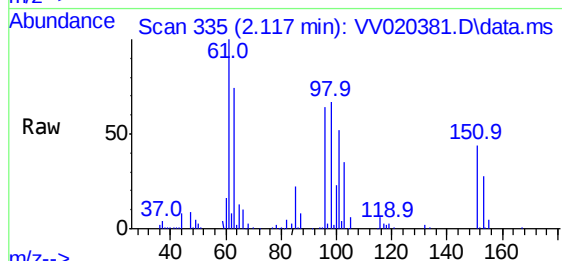




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.26 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV020381.D
 Acq: 23 Feb 2021 14:35

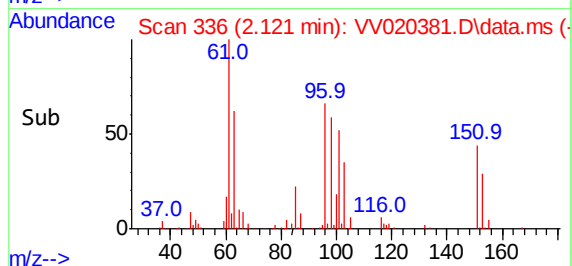
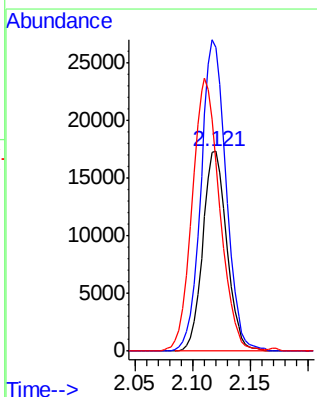
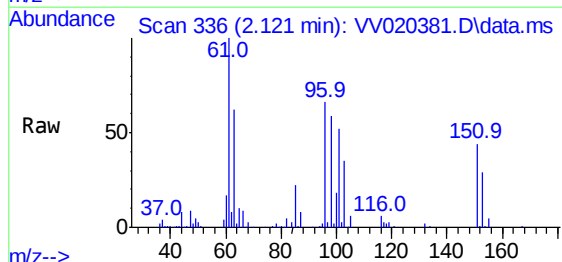
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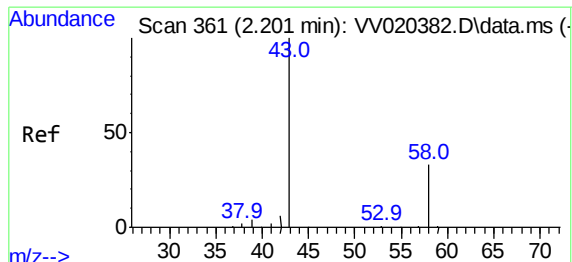
Tgt Ion:101 Resp: 24160
 Ion Ratio Lower Upper
 101 100
 85 42.0 33.0 49.6
 151 83.1 64.2 96.2



#12
 1,1-Dichloroethene
 Concen: 1.35 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV020381.D
 Acq: 23 Feb 2021 14:35

Tgt Ion: 96 Resp: 24684
 Ion Ratio Lower Upper
 96 100
 61 152.1 109.8 204.0
 63 94.4 71.3 132.3

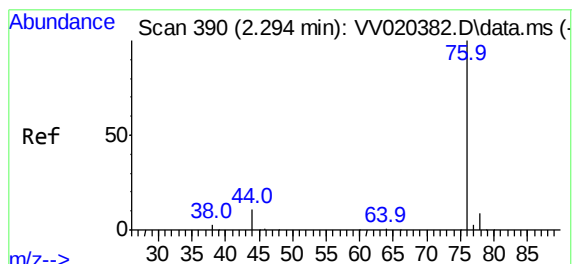
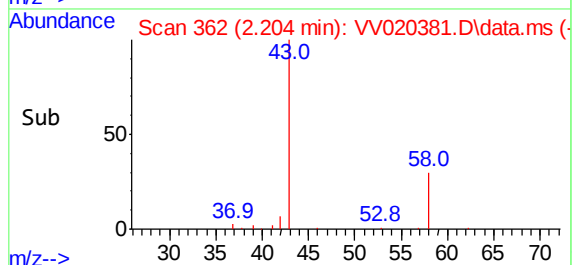
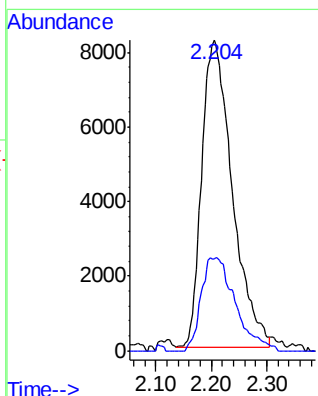
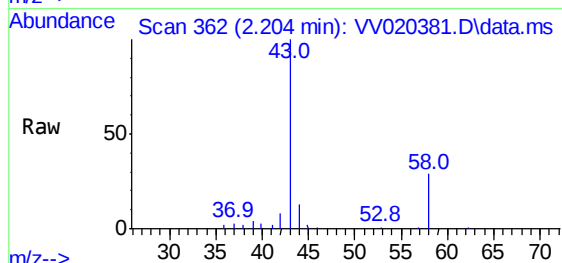




#13
Acetone
Concen: 12.26 ug/L
RT: 2.204 min Scan# 362
Delta R.T. 0.003 min
Lab File: VV020381.D
Acq: 23 Feb 2021 14:35

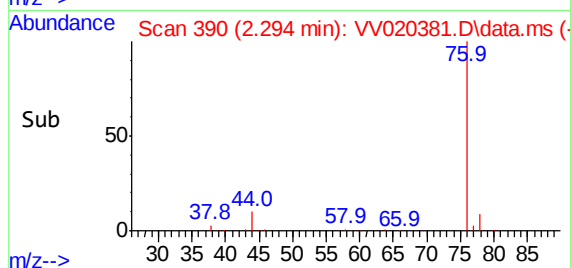
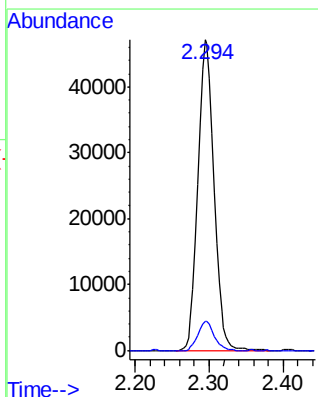
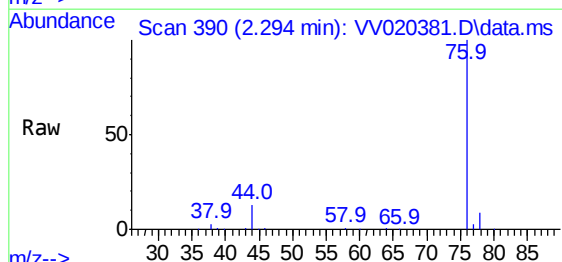
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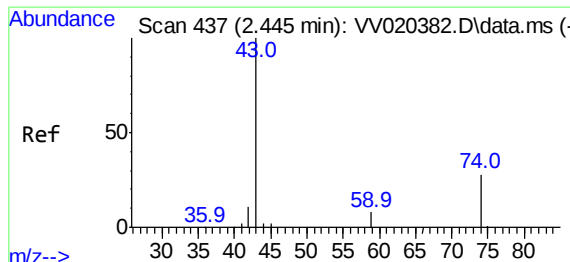
Tgt Ion: 43 Resp: 31299
Ion Ratio Lower Upper
43 100
58 11.6 0.0 67.4



#14
Carbon disulfide
Concen: 1.11 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.000 min
Lab File: VV020381.D
Acq: 23 Feb 2021 14:35

Tgt Ion: 76 Resp: 71705
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3

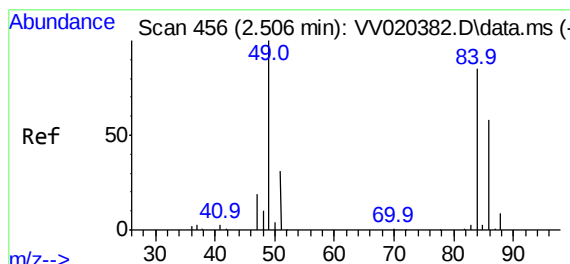
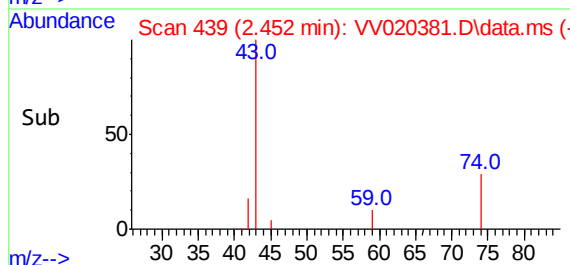
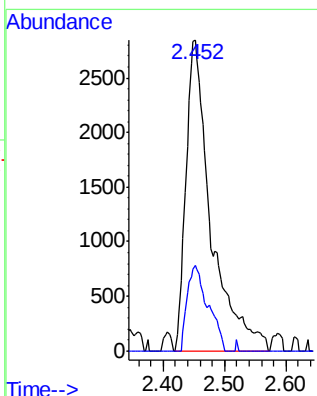
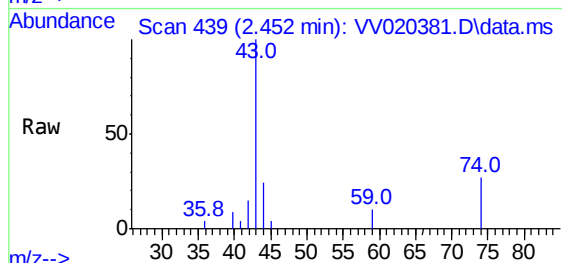




#15
Methyl Acetate
Concen: 1.09 ug/L
RT: 2.452 min Scan# 439
Delta R.T. 0.006 min
Lab File: VV020381.D
Acq: 23 Feb 2021 14:35

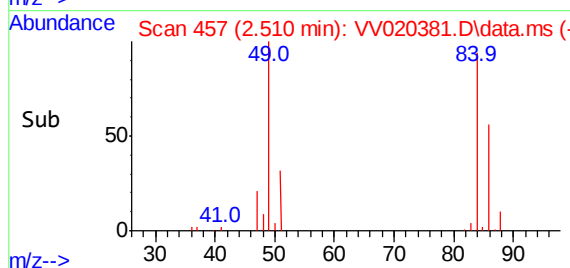
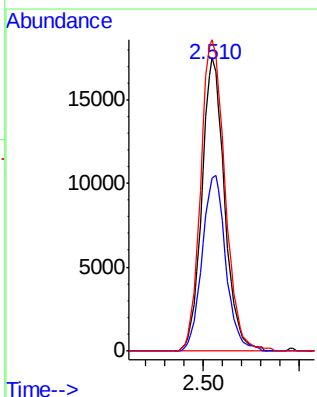
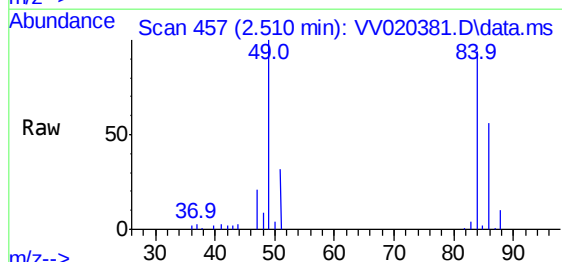
Instrument :
MSVOA_V
ClientSampleId :
VSTD001704

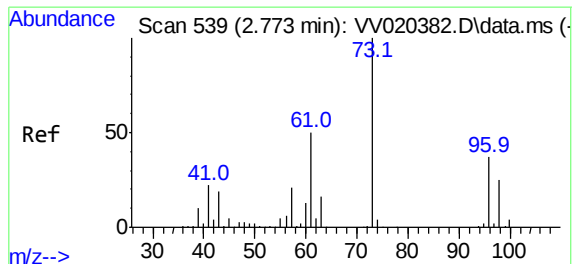
Tgt Ion: 43 Resp: 8054
Ion Ratio Lower Upper
43 100
74 22.9 20.1 30.1



#16
Methylene chloride
Concen: 1.23 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV020381.D
Acq: 23 Feb 2021 14:35

Tgt Ion: 84 Resp: 28307
Ion Ratio Lower Upper
84 100
86 59.1 47.2 87.6
49 106.3 81.9 152.1

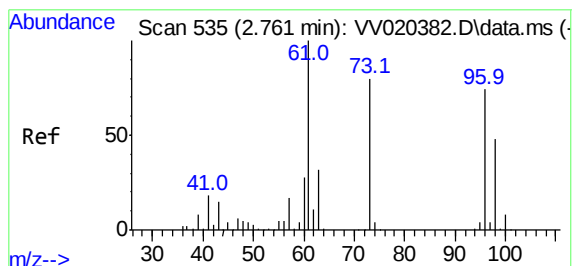
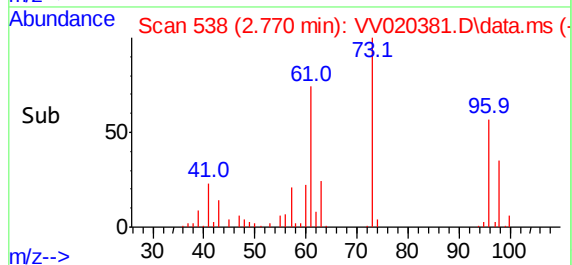
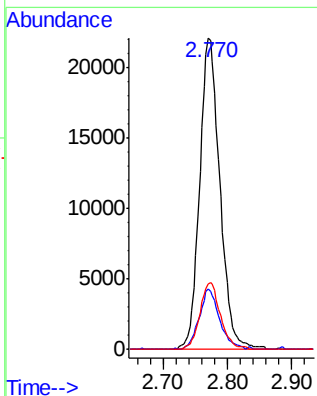
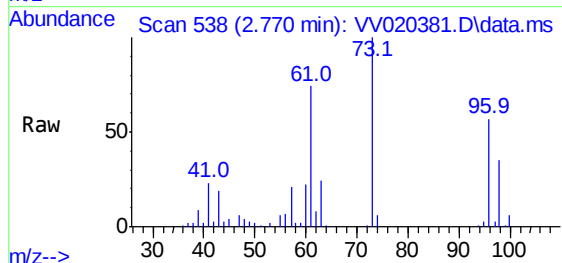




#17
Methyl tert-butyl Ether
Concen: 1.03 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.003 min
Lab File: VV020381.D
Acq: 23 Feb 2021 14:35

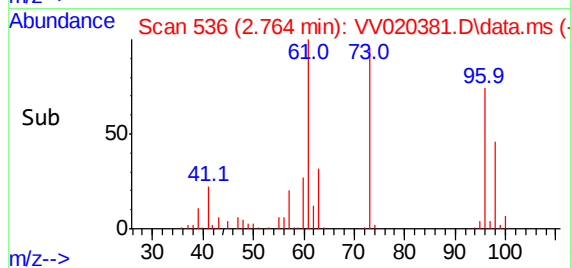
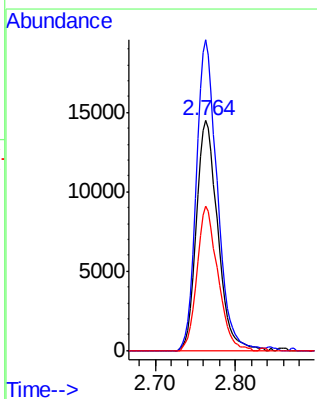
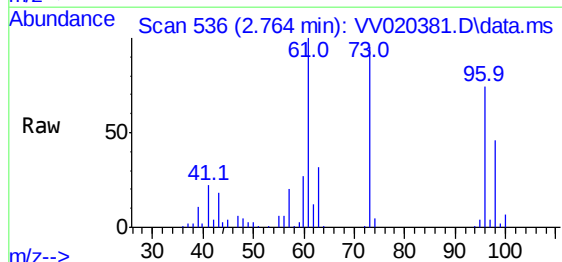
Instrument :
MSVOA_V
ClientSampleId :
VSTD001704

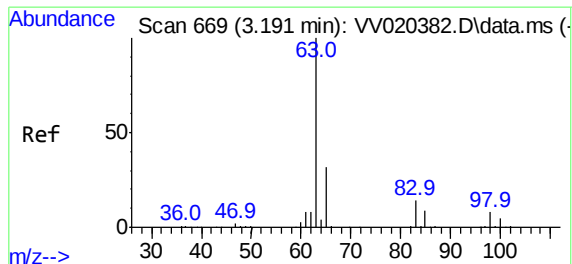
Tgt Ion: 73 Resp: 48142
Ion Ratio Lower Upper
73 100
43 19.2 15.3 22.9
57 21.4 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 1.14 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV020381.D
Acq: 23 Feb 2021 14:35

Tgt Ion: 96 Resp: 26027
Ion Ratio Lower Upper
96 100
61 135.3 94.1 174.8
98 62.8 45.0 83.6

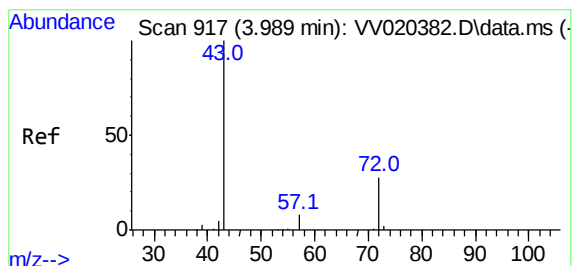
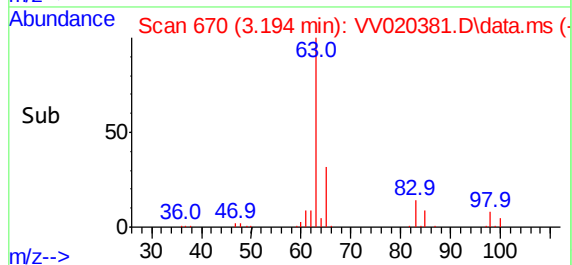
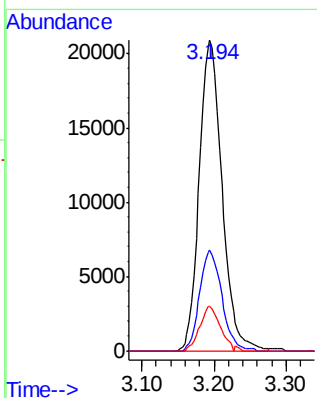
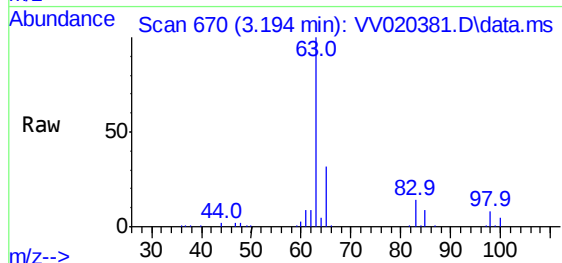




#19
1,1-Dichloroethane
Concen: 1.12 ug/L
RT: 3.194 min Scan# 670
Delta R.T. 0.003 min
Lab File: VV020381.D
Acq: 23 Feb 2021 14:35

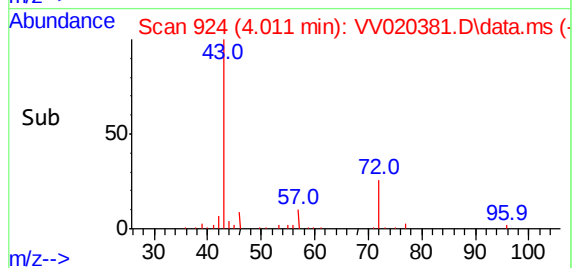
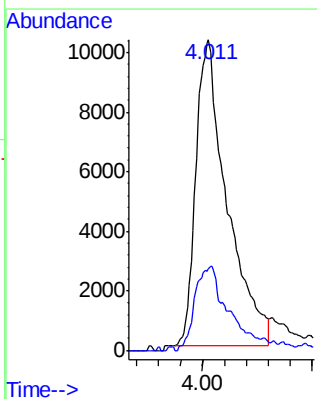
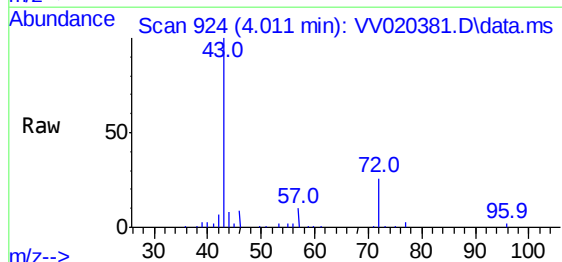
Instrument :
MSVOA_V
ClientSampleId :
VSTD001704

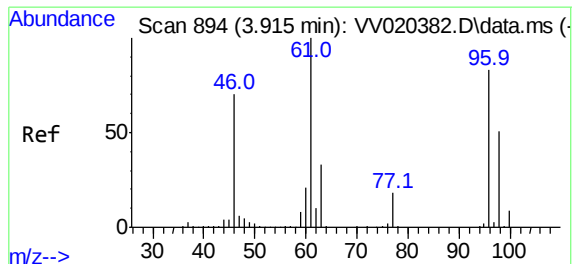
Tgt Ion: 63 Resp: 45685
Ion Ratio Lower Upper
63 100
65 32.2 22.3 41.5
83 14.3 9.7 17.9



#21
2-Butanone
Concen: 8.60 ug/L
RT: 4.011 min Scan# 924
Delta R.T. 0.022 min
Lab File: VV020381.D
Acq: 23 Feb 2021 14:35

Tgt Ion: 43 Resp: 40779
Ion Ratio Lower Upper
43 100
72 29.1 14.5 43.5

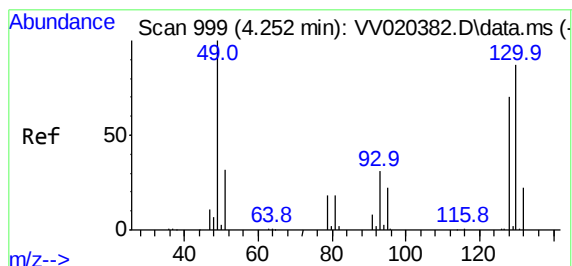
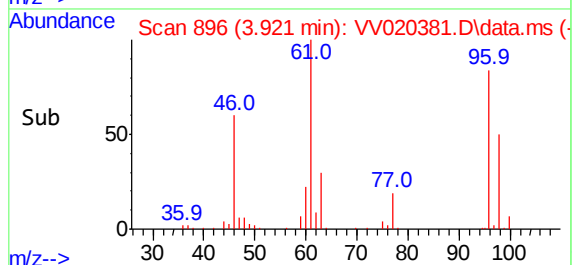
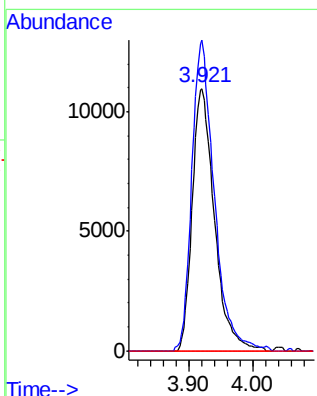
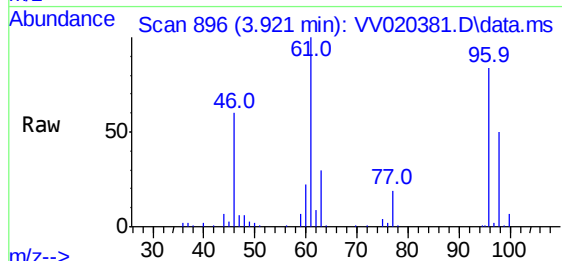




#22
cis-1,2-Dichloroethene
Concen: 1.11 ug/L
RT: 3.921 min Scan# 896
Delta R.T. 0.006 min
Lab File: VV020381.D
Acq: 23 Feb 2021 14:35

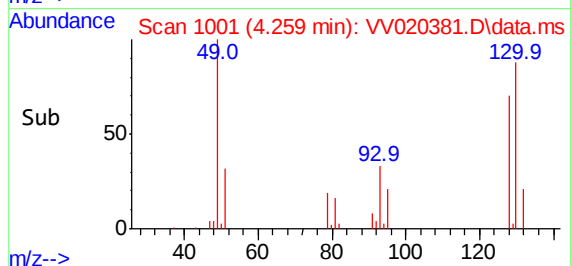
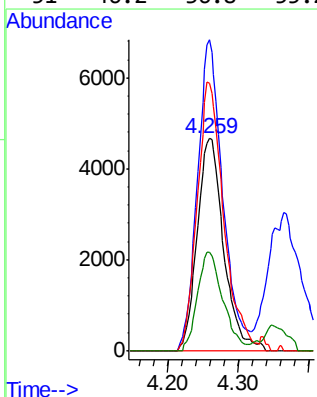
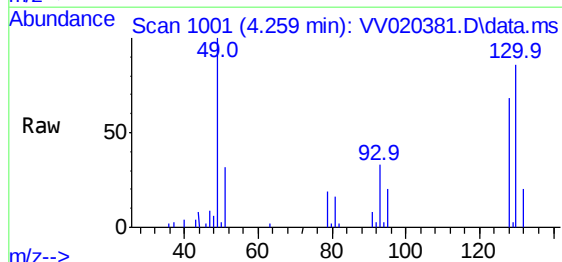
Instrument :
MSVOA_V
ClientSampleId :
VSTD001704

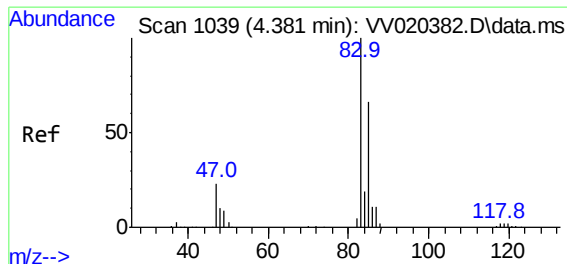
Tgt Ion: 96 Resp: 26340
Ion Ratio Lower Upper
96 100
61 118.5 84.6 157.2
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 1.18 ug/L
RT: 4.259 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VV020381.D
Acq: 23 Feb 2021 14:35

Tgt Ion:128 Resp: 12128
Ion Ratio Lower Upper
128 100
49 146.6 100.0 185.8
130 126.2 87.4 162.2
51 46.2 36.8 55.2

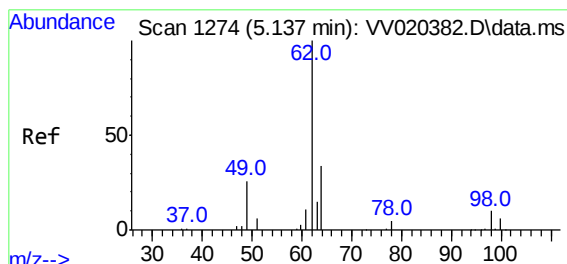
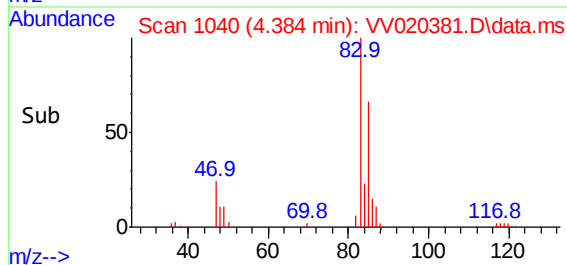
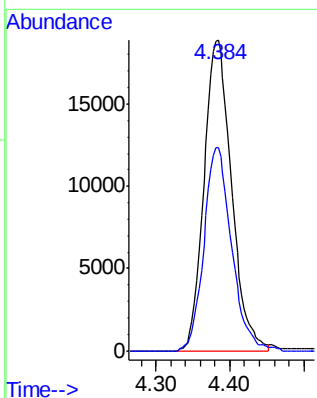
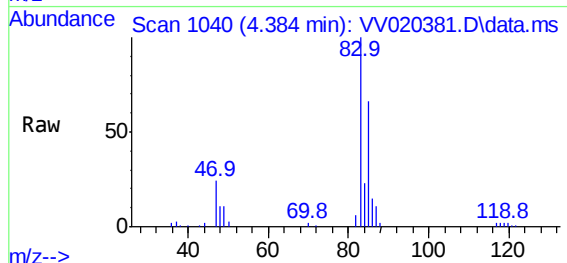




#25
Chloroform
Concen: 1.15 ug/L
RT: 4.384 min Scan# 1040
Delta R.T. 0.003 min
Lab File: VV020381.D
Acq: 23 Feb 2021 14:35

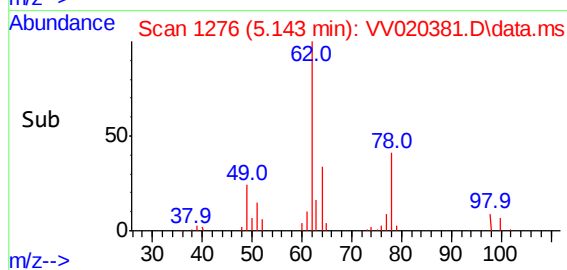
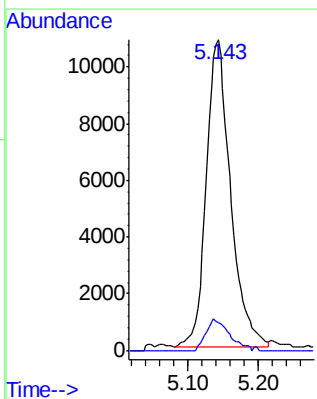
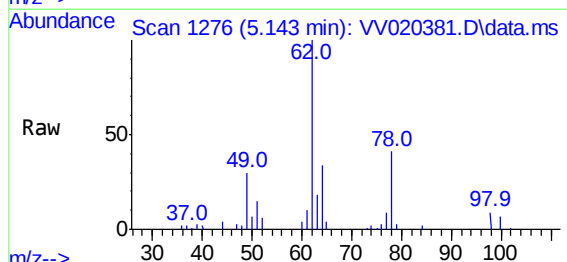
Instrument :
MSVOA_V
ClientSampleId :
VSTD001704

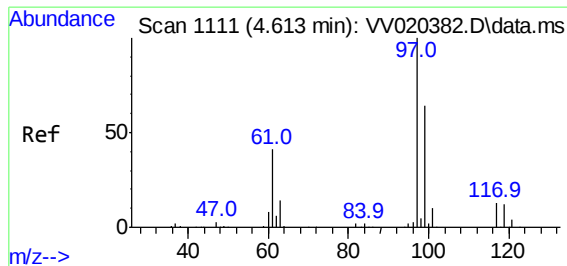
Tgt Ion: 83 Resp: 48780
Ion Ratio Lower Upper
83 100
85 65.6 46.4 86.2



#27
1,2-Dichloroethane
Concen: 1.04 ug/L
RT: 5.143 min Scan# 1276
Delta R.T. 0.006 min
Lab File: VV020381.D
Acq: 23 Feb 2021 14:35

Tgt Ion: 62 Resp: 25934
Ion Ratio Lower Upper
62 100
98 8.8 8.0 12.0



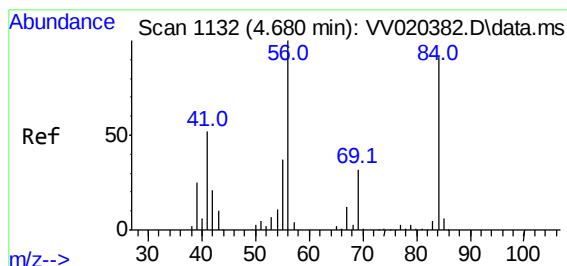
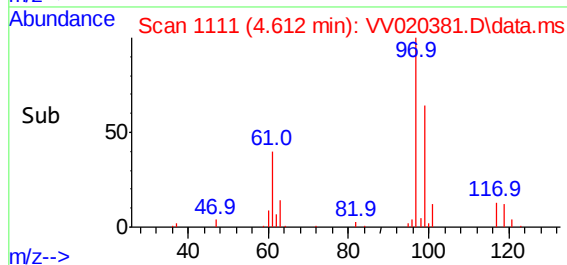
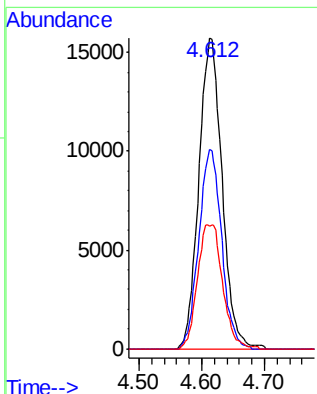
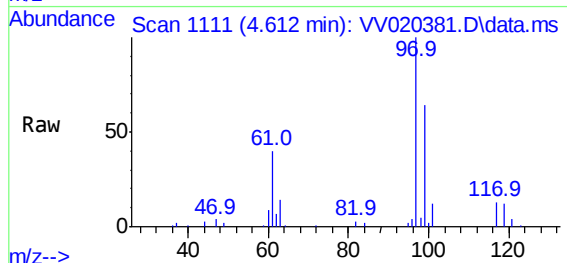


#29
1,1,1-Trichloroethane
Concen: 1.06 ug/L
RT: 4.612 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VV020381.D
Acq: 23 Feb 2021 14:35

Instrument :
MSVOA_V
ClientSampleId :
VSTD001704

Tgt Ion: 97 Resp: 40317

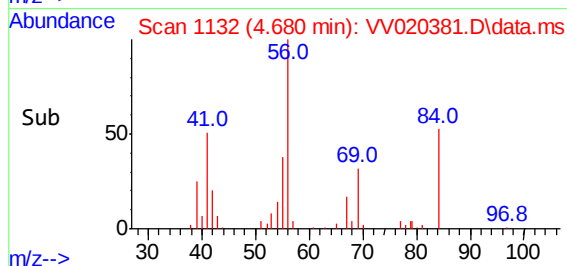
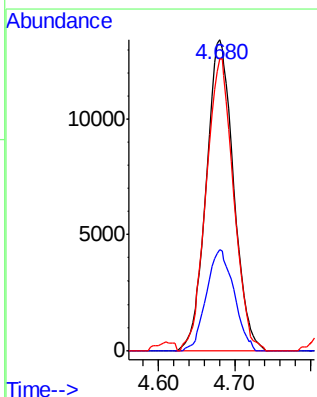
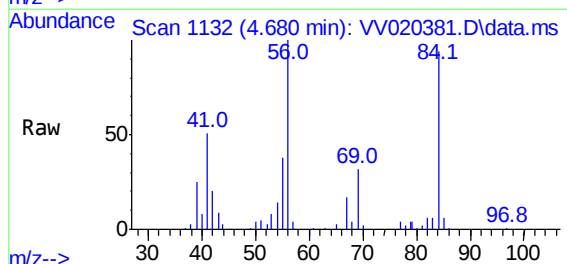
Ion	Ratio	Lower	Upper
97	100		
99	62.9	50.6	75.8
61	42.9	33.2	49.8

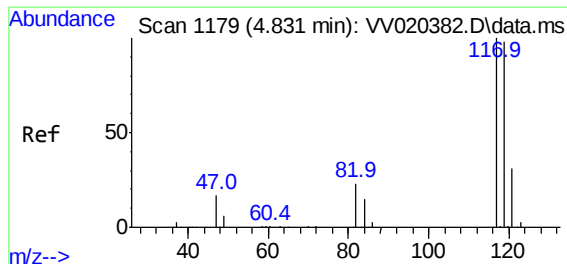


#30
Cyclohexane
Concen: 0.92 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VV020381.D
Acq: 23 Feb 2021 14:35

Tgt Ion: 56 Resp: 33318

Ion	Ratio	Lower	Upper
56	100		
69	32.7	25.4	38.0
84	94.5	73.5	110.3

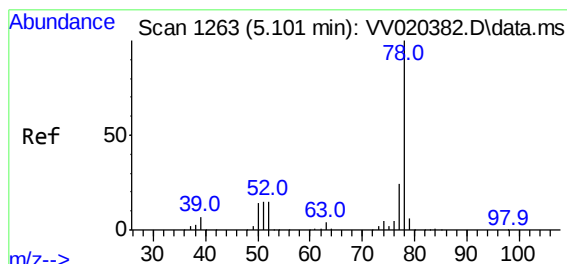
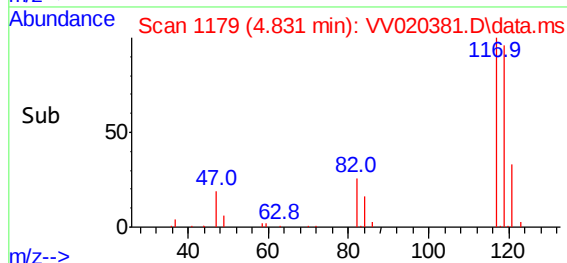
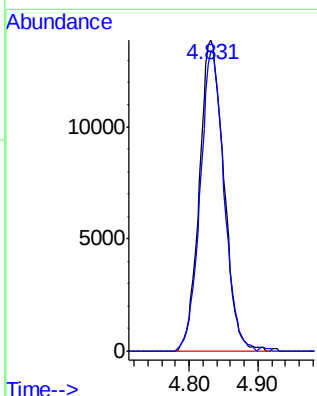
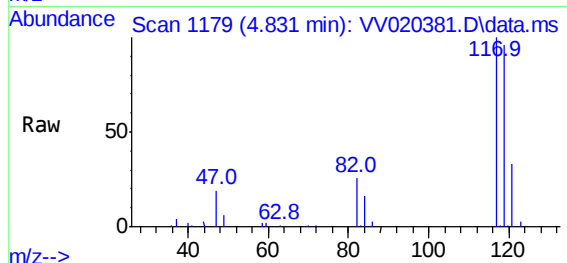




#31
Carbon tetrachloride
Concen: 1.03 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VV020381.D
Acq: 23 Feb 2021 14:35

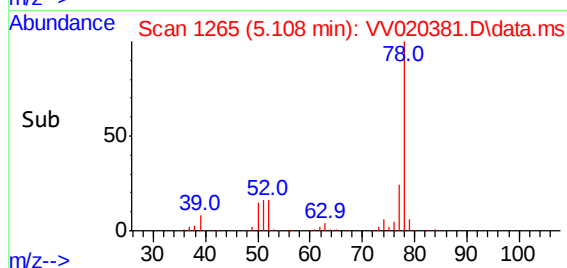
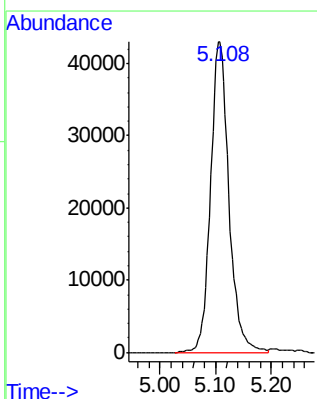
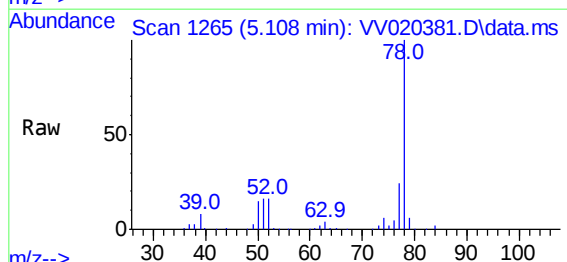
Instrument :
MSVOA_V
ClientSampleId :
VSTD001704

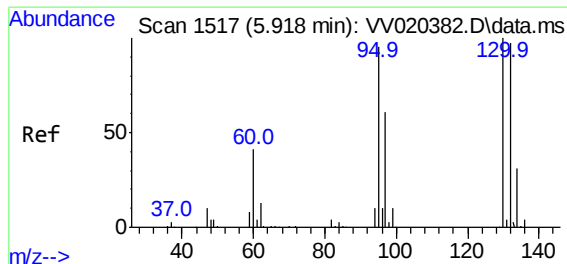
Tgt Ion:117 Resp: 34138
Ion Ratio Lower Upper
117 100
119 94.4 77.4 116.2



#33
Benzene
Concen: 1.10 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VV020381.D
Acq: 23 Feb 2021 14:35

Tgt Ion: 78 Resp: 99212



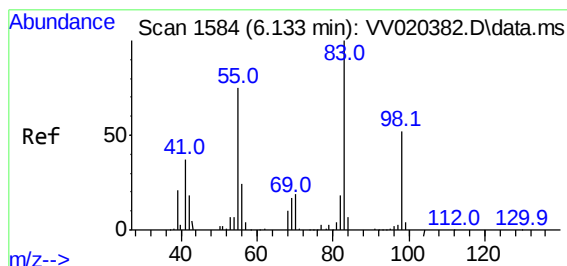
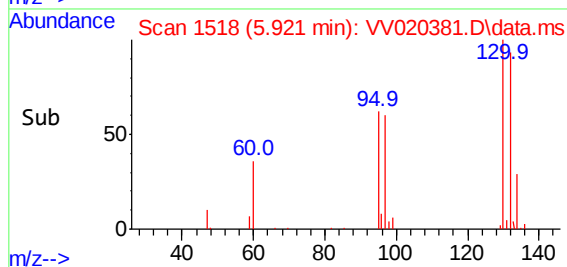
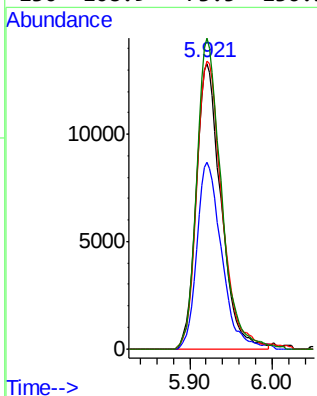
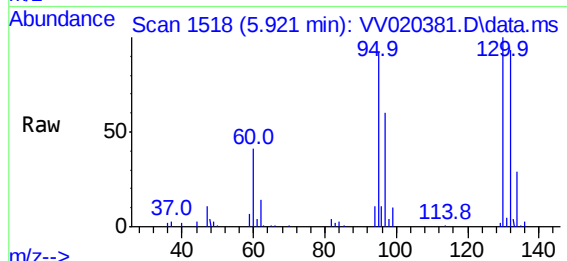


#34
Trichloroethene
Concen: 1.11 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.003 min
Lab File: VV020381.D
Acq: 23 Feb 2021 14:35

Instrument :
MSVOA_V
ClientSampleId :
VSTD001704

Tgt Ion: 95 Resp: 27680

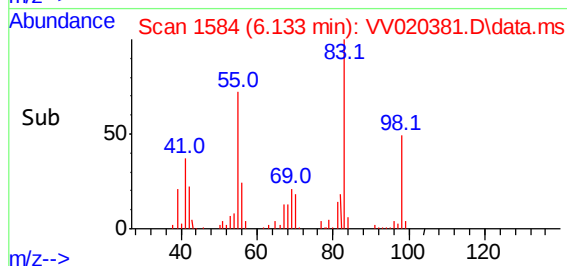
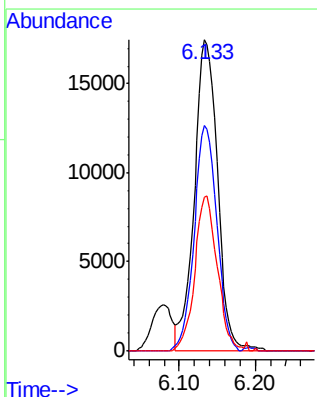
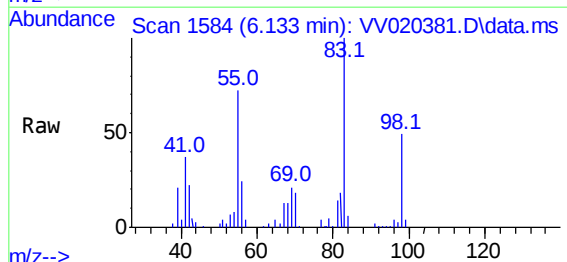
Ion	Ratio	Lower	Upper
95	100		
97	65.4	45.1	83.9
132	100.8	71.5	132.9
130	108.9	73.5	136.5

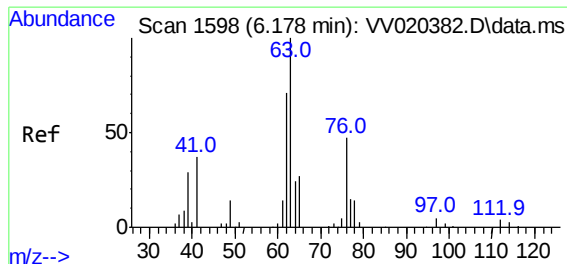


#35
Methylcyclohexane
Concen: 0.98 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VV020381.D
Acq: 23 Feb 2021 14:35

Tgt Ion: 83 Resp: 36842

Ion	Ratio	Lower	Upper
83	100		
55	70.7	59.1	88.7
98	48.0	40.1	60.1

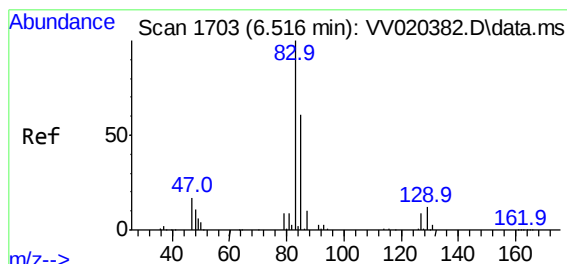
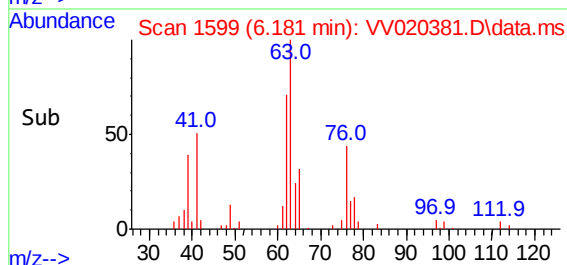
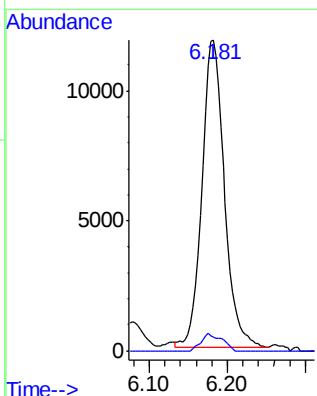
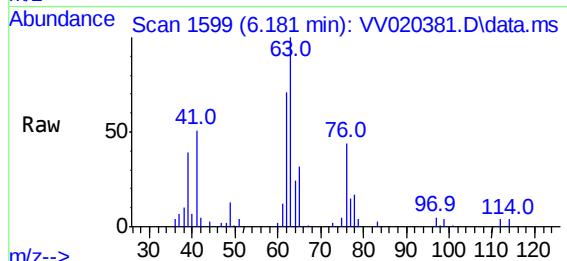




#37
1,2-Dichloropropane
Concen: 1.08 ug/L
RT: 6.181 min Scan# 1599
Delta R.T. 0.003 min
Lab File: VV020381.D
Acq: 23 Feb 2021 14:35

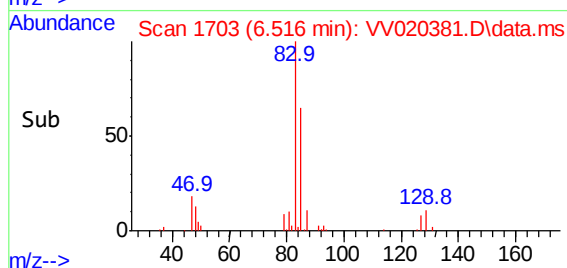
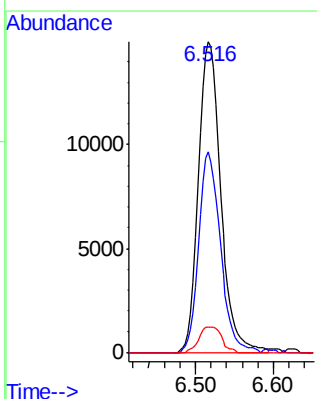
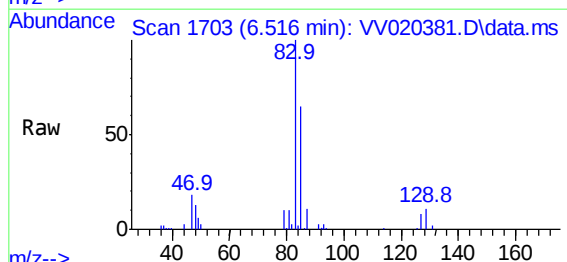
Instrument :
MSVOA_V
ClientSampleId :
VSTD001704

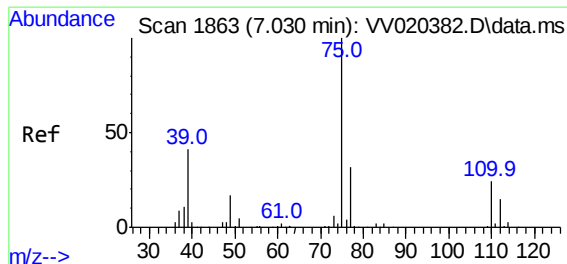
Tgt Ion: 63 Resp: 23586
Ion Ratio Lower Upper
63 100
112 5.2 3.8 5.8



#38
Bromodichloromethane
Concen: 1.05 ug/L
RT: 6.516 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VV020381.D
Acq: 23 Feb 2021 14:35

Tgt Ion: 83 Resp: 29732
Ion Ratio Lower Upper
83 100
85 64.5 43.0 79.8
127 8.0 7.0 10.6

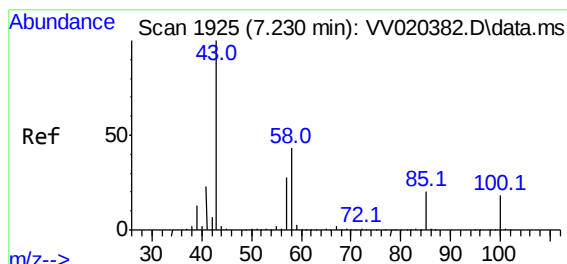
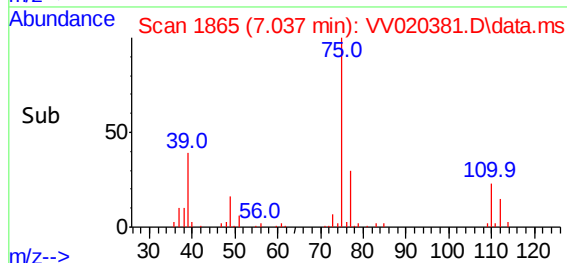
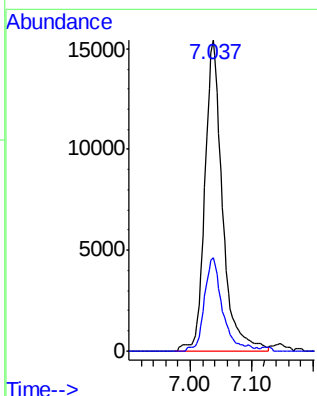
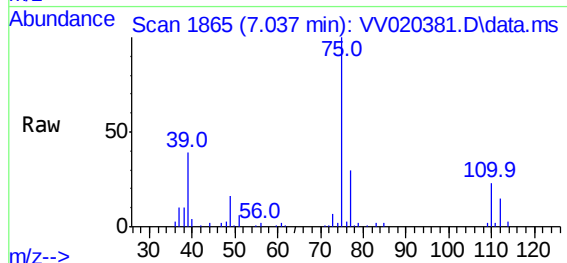




#39
cis-1,3-Dichloropropene
Concen: 1.02 ug/L
RT: 7.037 min Scan# 1865
Delta R.T. 0.006 min
Lab File: VV020381.D
Acq: 23 Feb 2021 14:35

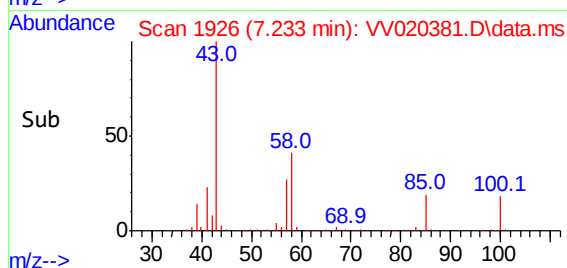
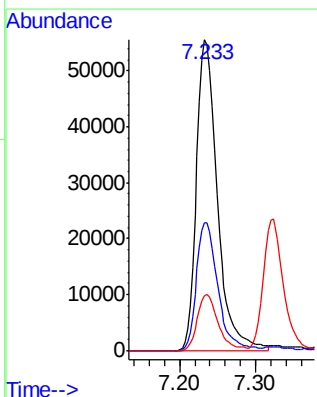
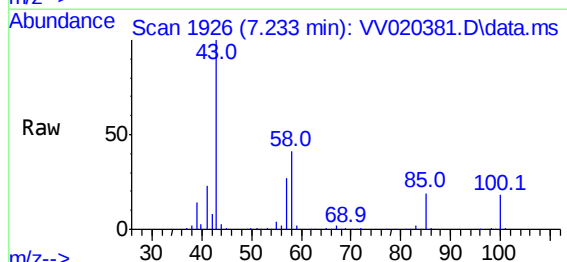
Instrument :
MSVOA_V
ClientSampleId :
VSTD001704

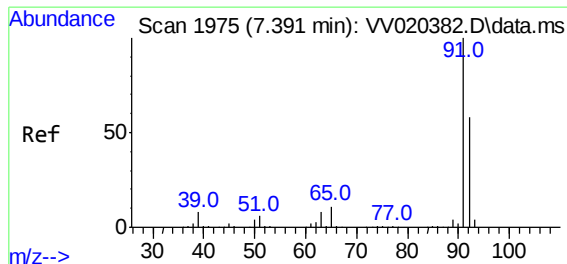
Tgt Ion: 75 Resp: 30612
Ion Ratio Lower Upper
75 100
77 30.2 22.5 41.9



#40
4-Methyl-2-pentanone
Concen: 8.97 ug/L
RT: 7.233 min Scan# 1926
Delta R.T. 0.003 min
Lab File: VV020381.D
Acq: 23 Feb 2021 14:35

Tgt Ion: 43 Resp: 105604
Ion Ratio Lower Upper
43 100
58 42.1 34.1 51.1
100 17.8 14.6 21.8

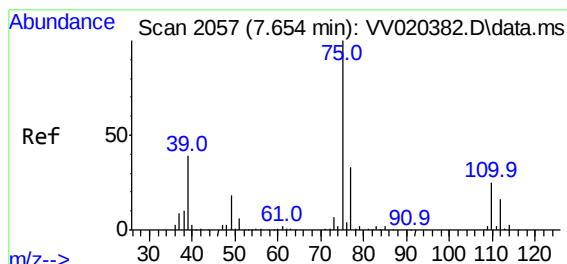
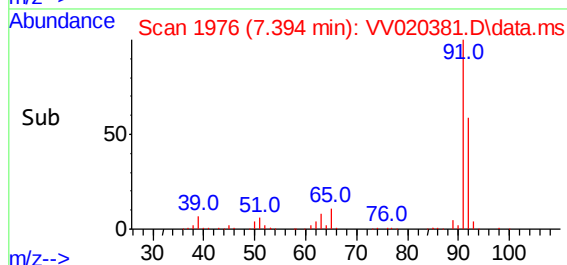
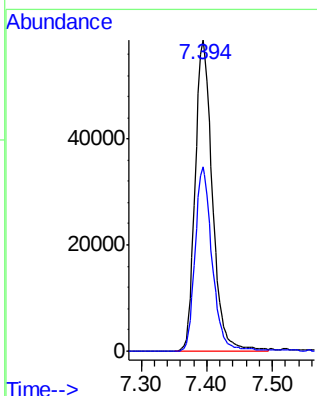
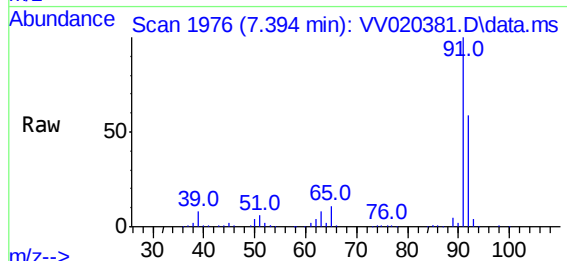




#42
Toluene
Concen: 1.09 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.003 min
Lab File: VV020381.D
Acq: 23 Feb 2021 14:35

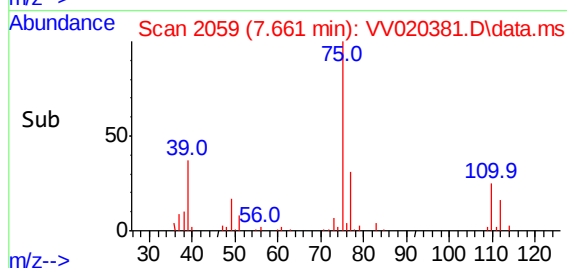
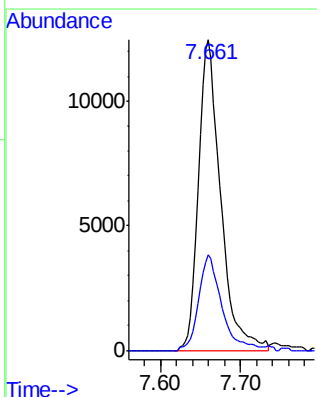
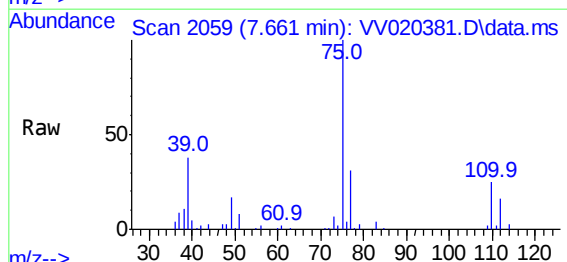
Instrument :
MSVOA_V
ClientSampleId :
VSTD001704

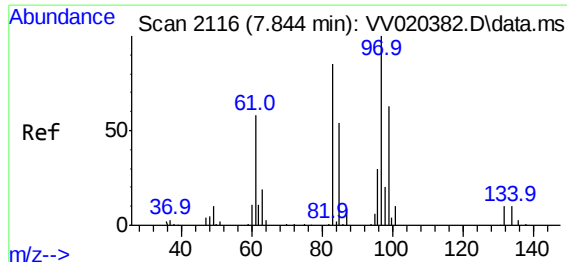
Tgt Ion: 91 Resp: 105811
Ion Ratio Lower Upper
91 100
92 59.1 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.92 ug/L
RT: 7.661 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VV020381.D
Acq: 23 Feb 2021 14:35

Tgt Ion: 75 Resp: 23196
Ion Ratio Lower Upper
75 100
77 30.8 22.9 42.5





#45

1,1,2-Trichloroethane

Concen: 1.13 ug/L

RT: 7.847 min Scan# 2117

Delta R.T. 0.003 min

Lab File: VV020381.D

Acq: 23 Feb 2021 14:35

Tgt Ion: 97 Resp: 17380

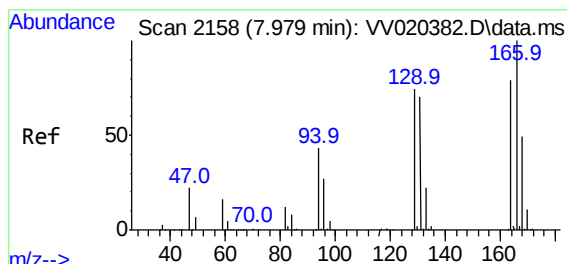
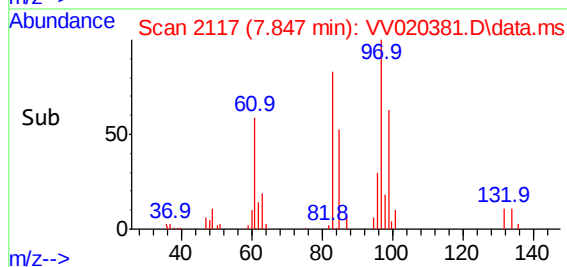
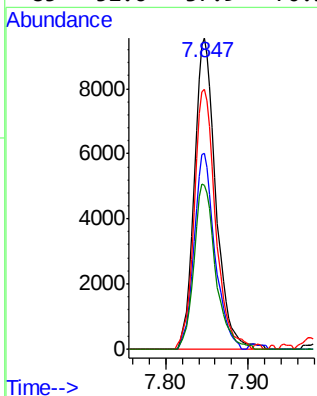
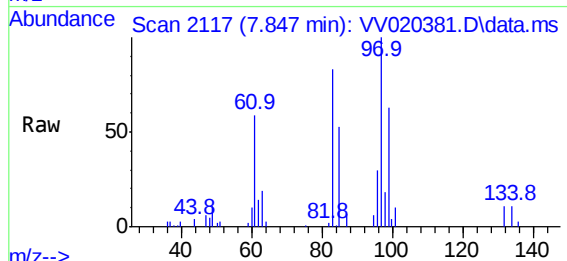
Ion Ratio Lower Upper

97 100

99 63.0 44.1 81.9

83 83.4 59.4 110.4

85 52.6 37.9 70.5



#47

Tetrachloroethene

Concen: 1.05 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.000 min

Lab File: VV020381.D

Acq: 23 Feb 2021 14:35

Tgt Ion:164 Resp: 22440

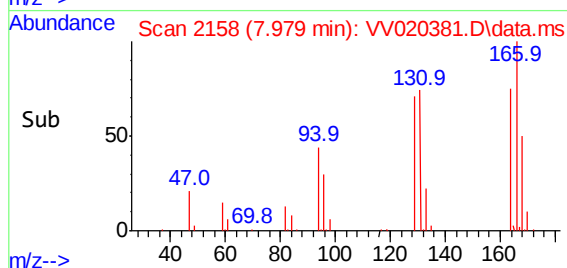
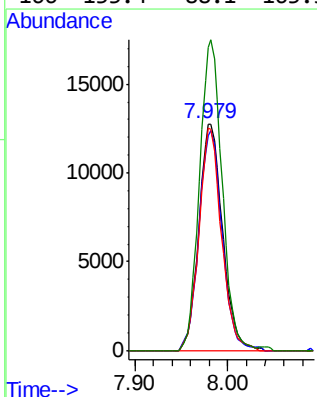
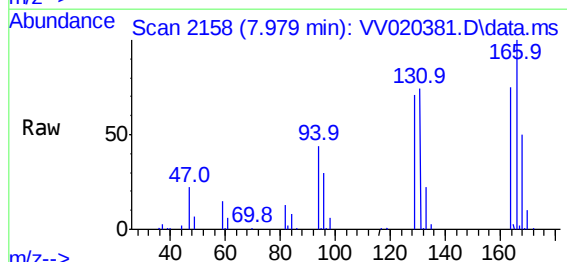
Ion Ratio Lower Upper

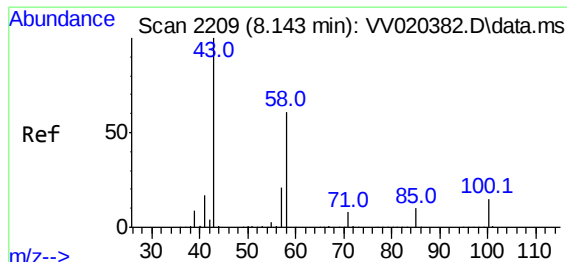
164 100

129 94.7 65.0 120.6

131 98.2 61.8 114.8

166 133.4 88.1 163.5



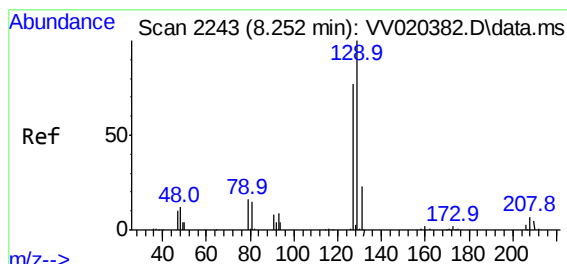
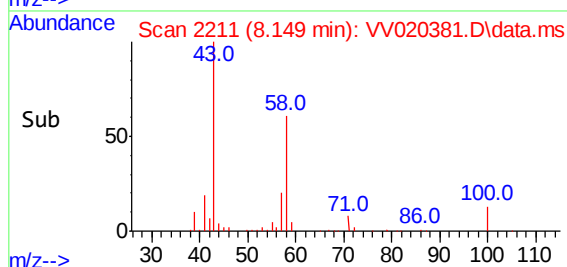
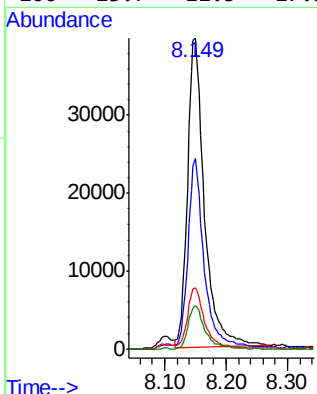
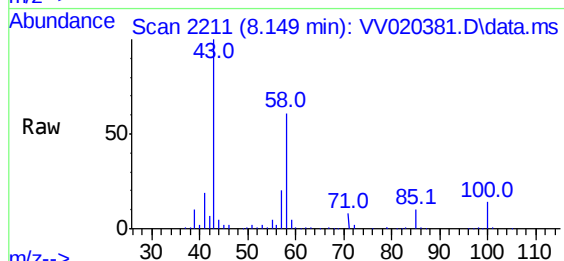


#48
2-Hexanone
Concen: 9.31 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.006 min
Lab File: VV020381.D
Acq: 23 Feb 2021 14:35

Instrument :
MSVOA_V
ClientSampleId :
VSTD001704

Tgt Ion: 43 Resp: 76397

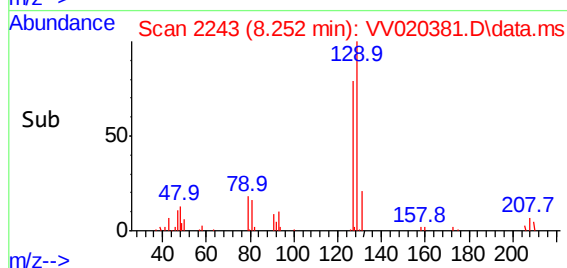
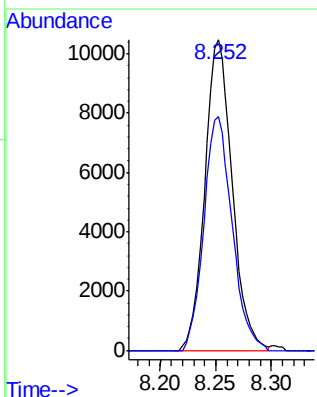
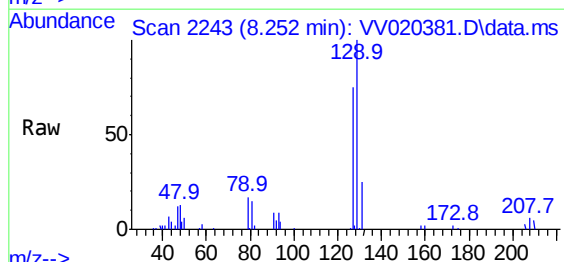
Ion	Ratio	Lower	Upper
43	100		
58	55.6	47.8	71.8
57	19.5	16.6	24.8
100	13.7	11.5	17.3

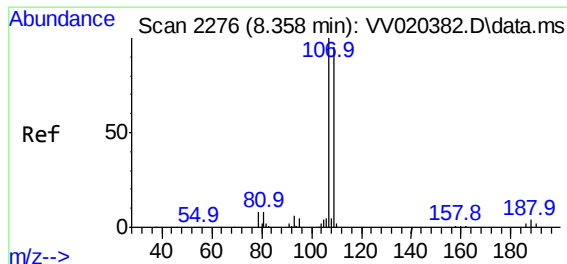


#49
Dibromochloromethane
Concen: 0.98 ug/L
RT: 8.252 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VV020381.D
Acq: 23 Feb 2021 14:35

Tgt Ion: 129 Resp: 17910

Ion	Ratio	Lower	Upper
129	100		
127	75.3	53.6	99.6

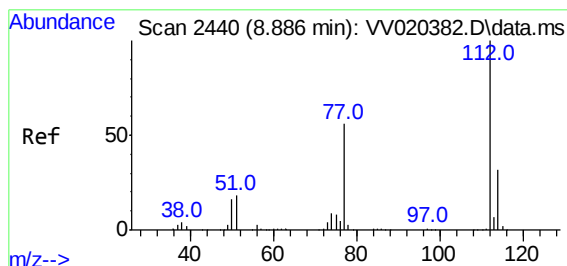
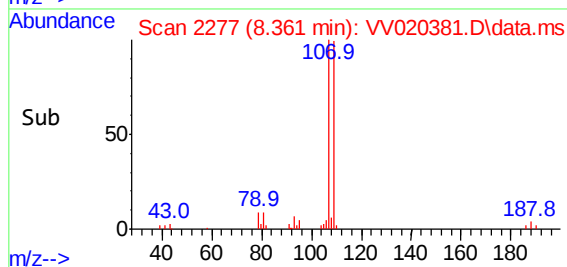
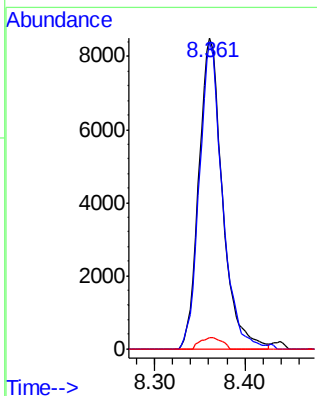
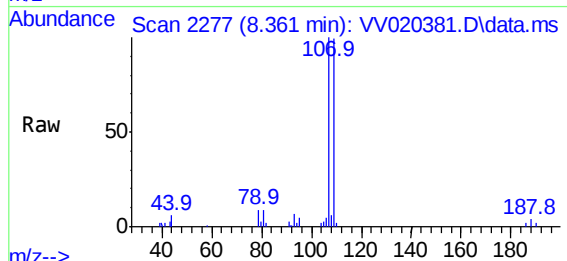




#50
1,2-Dibromoethane
Concen: 1.05 ug/L
RT: 8.361 min Scan# 2277
Delta R.T. 0.003 min
Lab File: VV020381.D
Acq: 23 Feb 2021 14:35

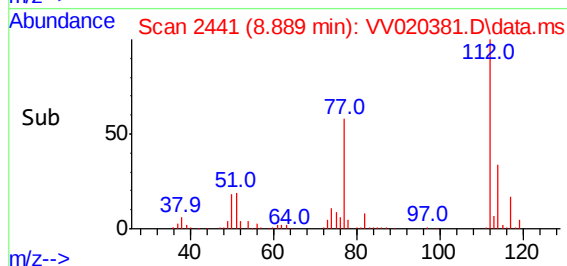
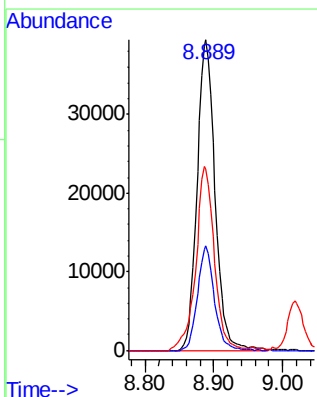
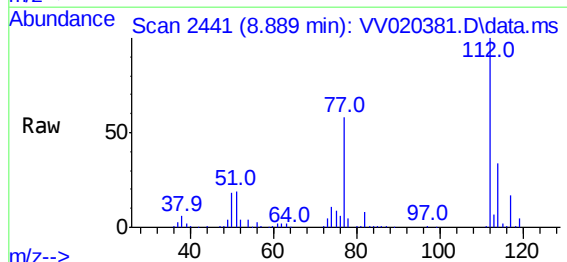
Instrument :
MSVOA_V
ClientSampleId :
VSTD001704

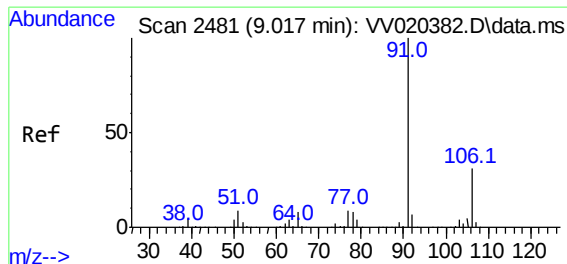
Tgt Ion:107 Resp: 15323
Ion Ratio Lower Upper
107 100
109 98.9 66.6 123.8
188 3.6 3.3 4.9



#51
Chlorobenzene
Concen: 1.12 ug/L
RT: 8.889 min Scan# 2441
Delta R.T. 0.003 min
Lab File: VV020381.D
Acq: 23 Feb 2021 14:35

Tgt Ion:112 Resp: 71624
Ion Ratio Lower Upper
112 100
114 33.5 22.4 41.6
77 58.4 45.0 67.4

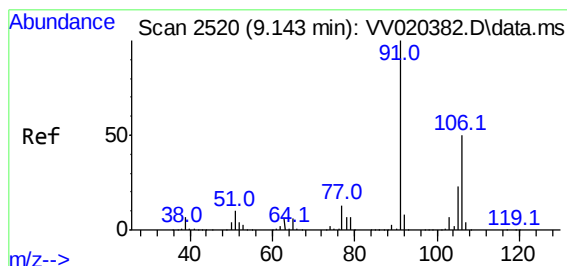
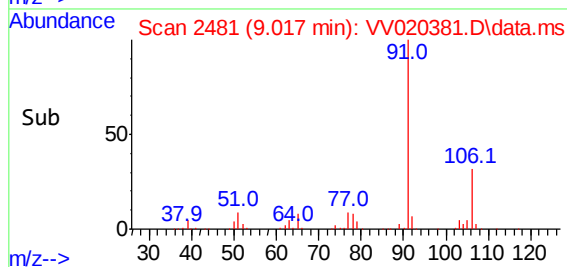
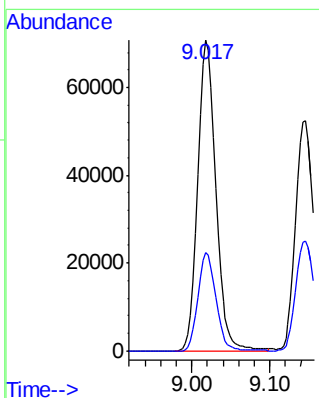
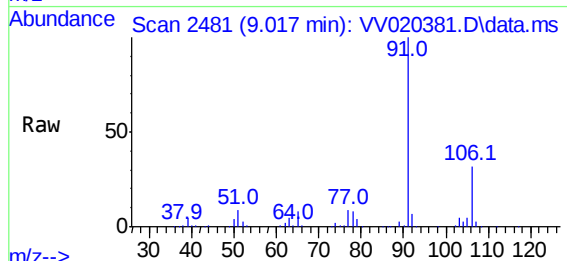




#52
Ethylbenzene
Concen: 1.05 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. -0.000 min
Lab File: VV020381.D
Acq: 23 Feb 2021 14:35

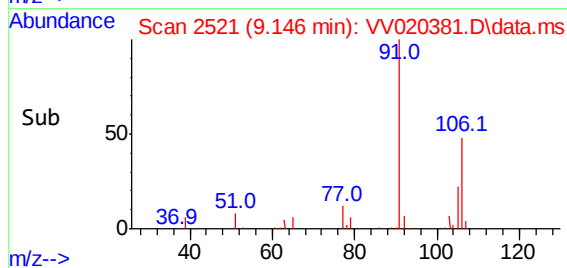
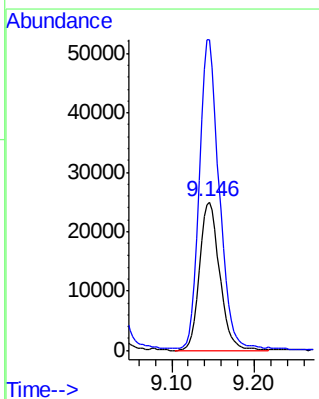
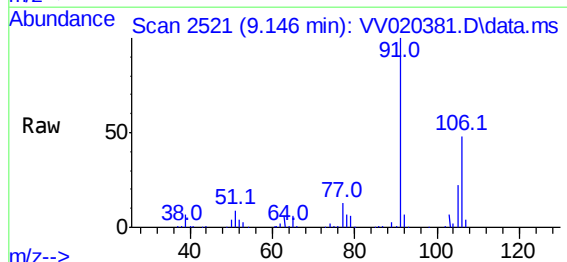
Instrument :
MSVOA_V
ClientSampleId :
VSTD001704

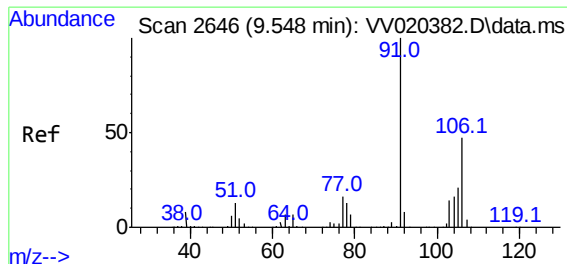
Tgt Ion: 91 Resp: 112879
Ion Ratio Lower Upper
91 100
106 31.6 21.6 40.2



#53
m,p-xylene
Concen: 1.05 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VV020381.D
Acq: 23 Feb 2021 14:35

Tgt Ion: 106 Resp: 42496
Ion Ratio Lower Upper
106 100
91 209.4 141.3 262.3

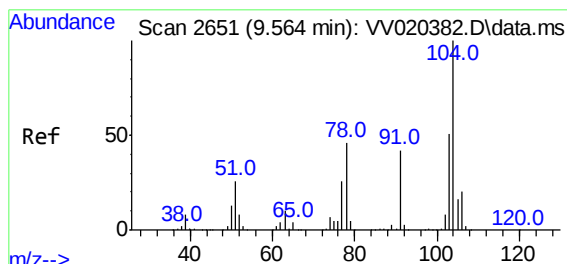
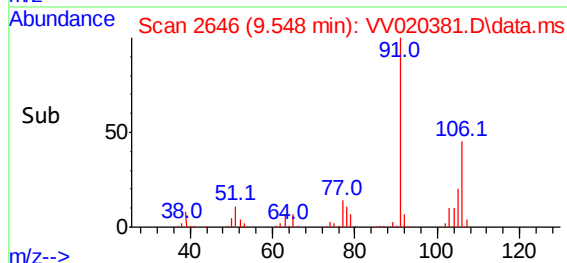
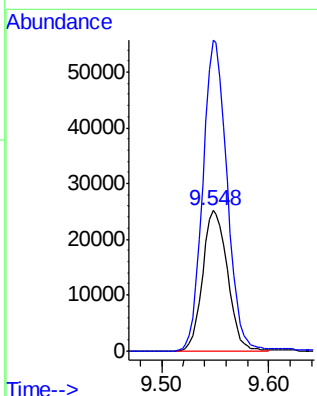
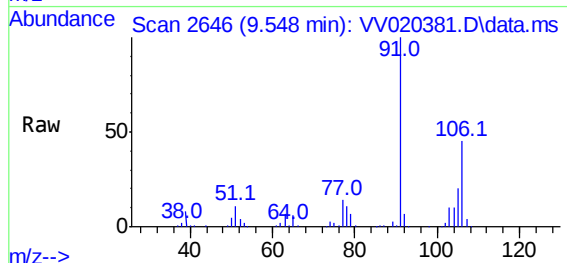




#54
o-xylene
Concen: 1.03 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. -0.000 min
Lab File: VV020381.D
Acq: 23 Feb 2021 14:35

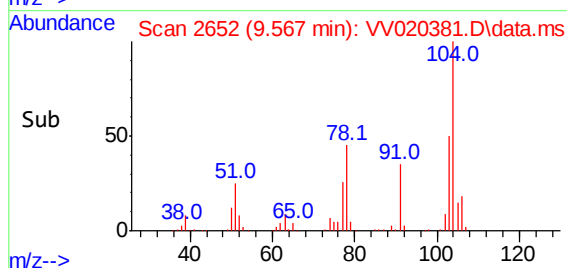
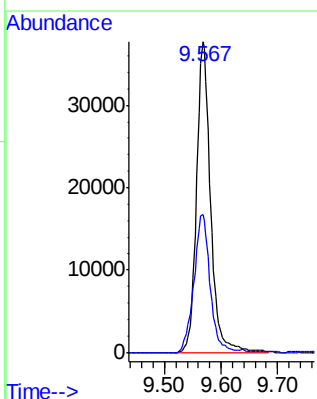
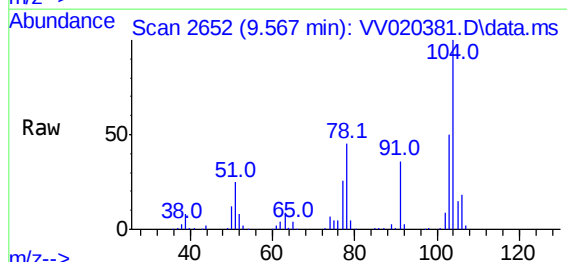
Instrument :
MSVOA_V
ClientSampleId :
VSTD001704

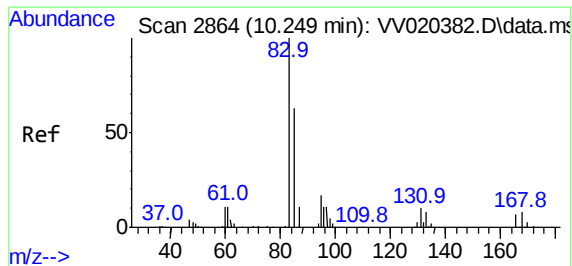
Tgt Ion:106 Resp: 40233
Ion Ratio Lower Upper
106 100
91 221.6 149.5 277.7



#55
Styrene
Concen: 0.97 ug/L
RT: 9.567 min Scan# 2652
Delta R.T. 0.003 min
Lab File: VV020381.D
Acq: 23 Feb 2021 14:35

Tgt Ion:104 Resp: 64447
Ion Ratio Lower Upper
104 100
78 44.5 31.9 59.2



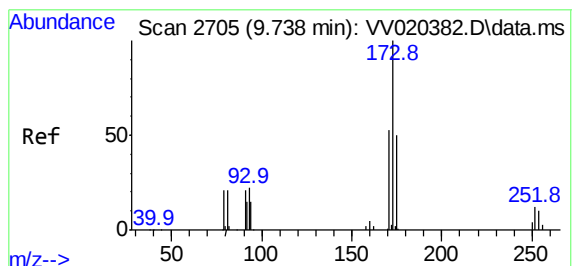
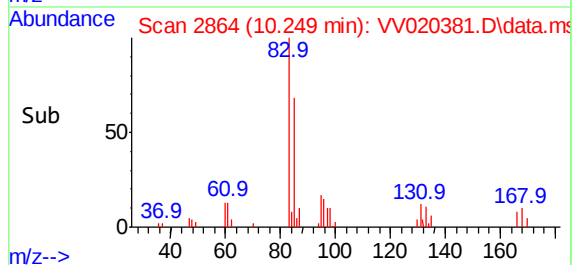
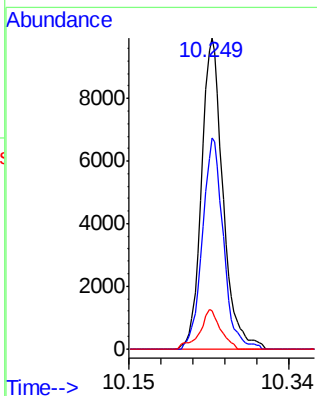
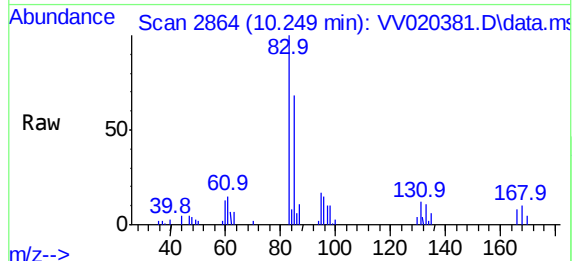


#57
1,1,2,2-Tetrachloroethane
Concen: 1.04 ug/L
RT: 10.249 min Scan# 2864
Delta R.T. -0.000 min
Lab File: VV020381.D
Acq: 23 Feb 2021 14:35

Instrument :
MSVOA_V
ClientSampleId :
VSTD001704

Tgt Ion: 83 Resp: 16805

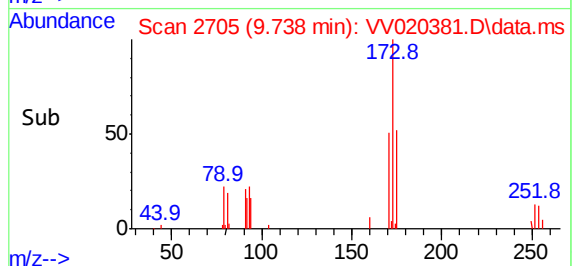
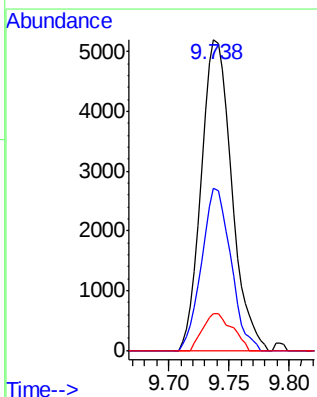
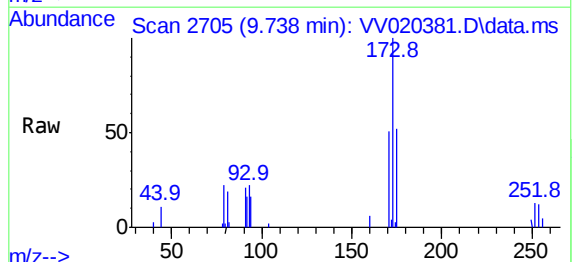
Ion	Ratio	Lower	Upper
83	100		
85	67.8	44.6	82.8
131	12.3	8.4	12.6

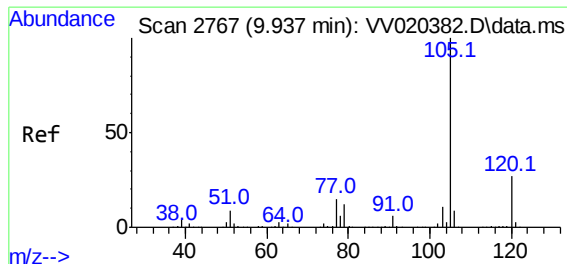


#59
Bromoform
Concen: 0.97 ug/L
RT: 9.738 min Scan# 2705
Delta R.T. -0.000 min
Lab File: VV020381.D
Acq: 23 Feb 2021 14:35

Tgt Ion: 173 Resp: 8885

Ion	Ratio	Lower	Upper
173	100		
175	50.1	38.9	58.3
254	11.3	8.3	12.5



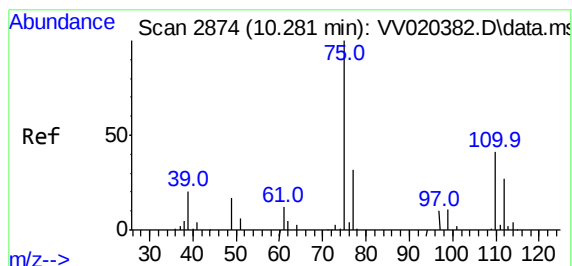
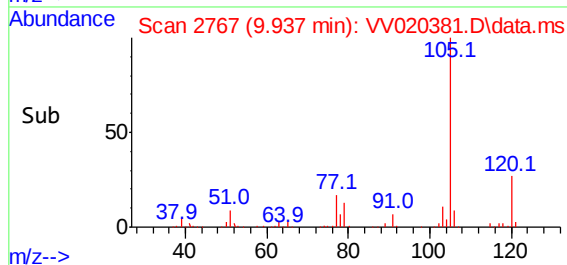
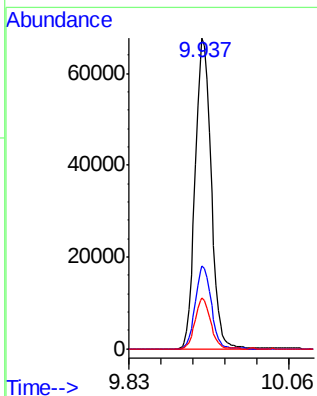
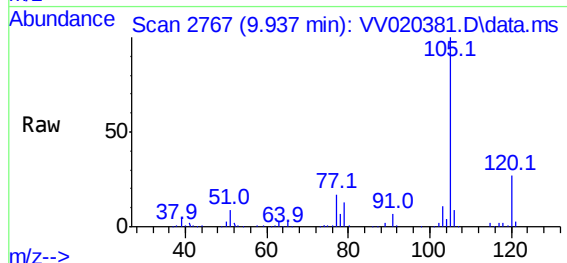


#60
Isopropylbenzene
Concen: 1.10 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. -0.000 min
Lab File: VV020381.D
Acq: 23 Feb 2021 14:35

Instrument :
MSVOA_V
ClientSampleId :
VSTD001704

Tgt Ion: 105 Resp: 105925

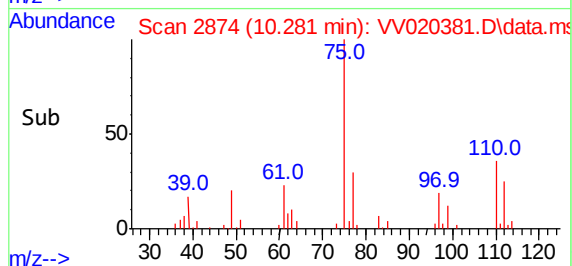
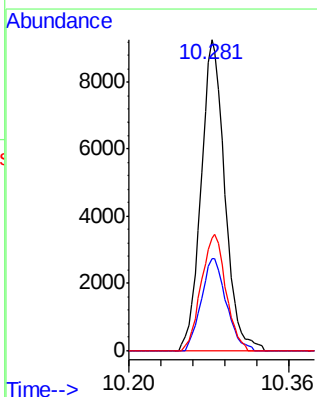
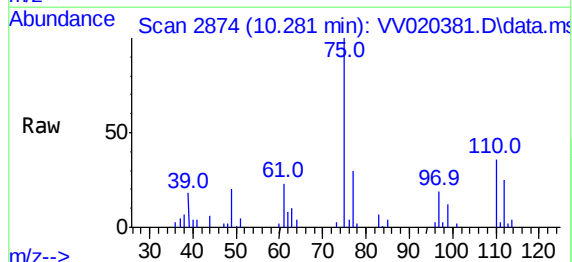
Ion	Ratio	Lower	Upper
105	100		
120	26.6	21.7	32.5
77	15.8	12.3	18.5

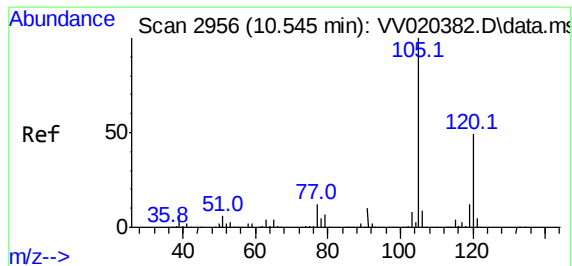


#61
1,2,3-Trichloropropane
Concen: 1.31 ug/L
RT: 10.281 min Scan# 2874
Delta R.T. -0.000 min
Lab File: VV020381.D
Acq: 23 Feb 2021 14:35

Tgt Ion: 75 Resp: 14682

Ion	Ratio	Lower	Upper
75	100		
77	31.2	26.1	39.1
110	38.7	33.2	49.8

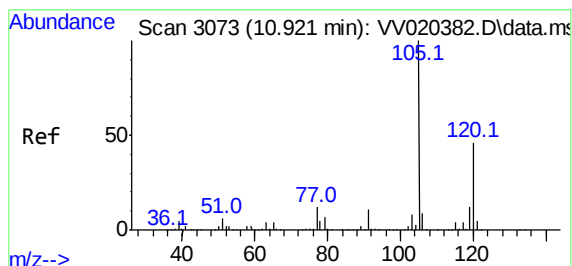
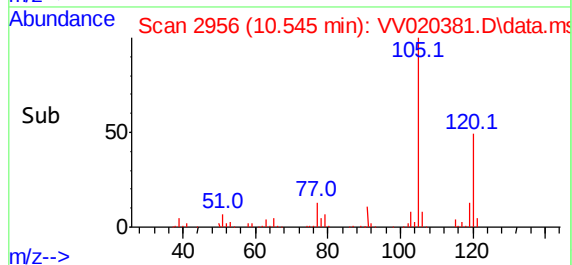
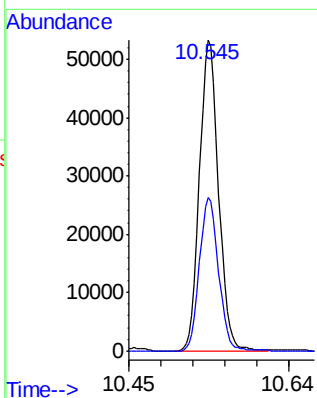
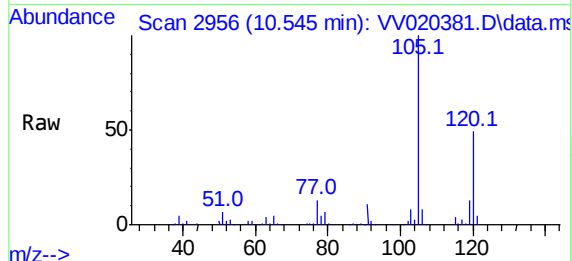




#62
1,3,5-Trimethylbenzene
Concen: 1.04 ug/L
RT: 10.545 min Scan# 2956
Delta R.T. -0.000 min
Lab File: VV020381.D
Acq: 23 Feb 2021 14:35

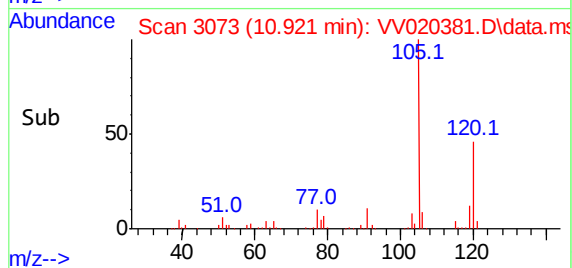
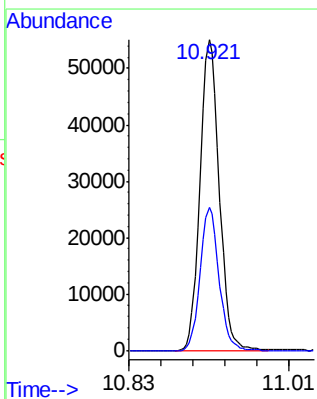
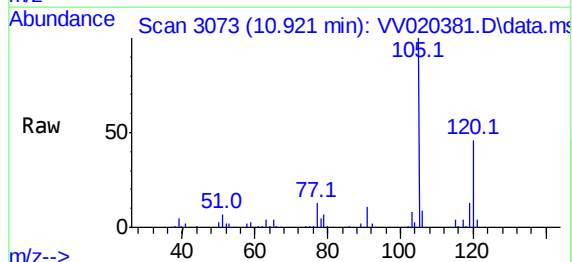
Instrument :
MSVOA_V
ClientSampleId :
VSTD001704

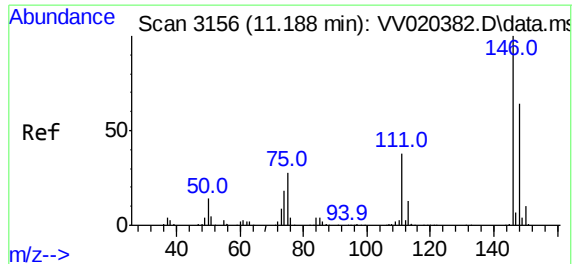
Tgt Ion:105 Resp: 82778
Ion Ratio Lower Upper
105 100
120 49.0 39.4 59.0



#63
1,2,4-Trimethylbenzene
Concen: 1.03 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. -0.000 min
Lab File: VV020381.D
Acq: 23 Feb 2021 14:35

Tgt Ion:105 Resp: 83796
Ion Ratio Lower Upper
105 100
120 45.2 36.7 55.1

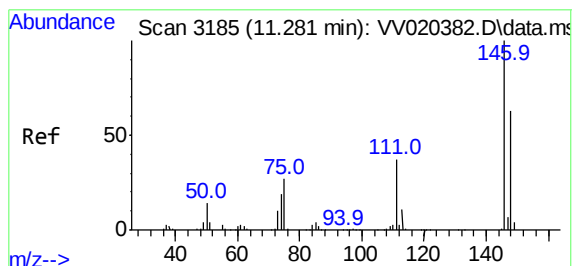
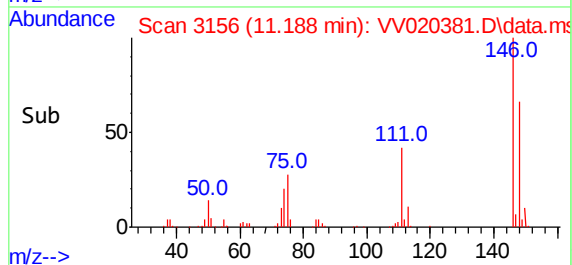
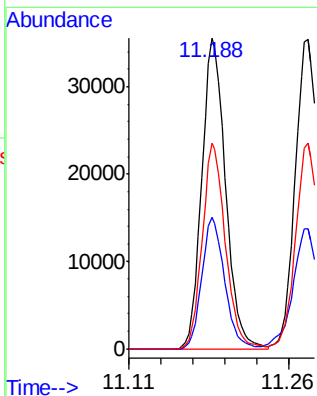
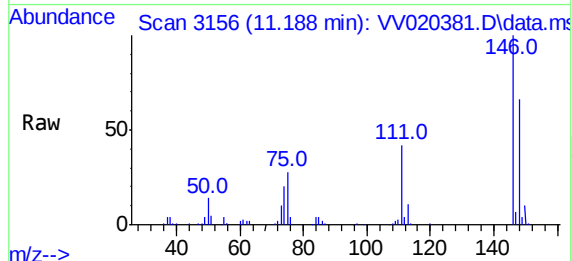




#64
1,3-Dichlorobenzene
Concen: 1.13 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. -0.000 min
Lab File: VV020381.D
Acq: 23 Feb 2021 14:35

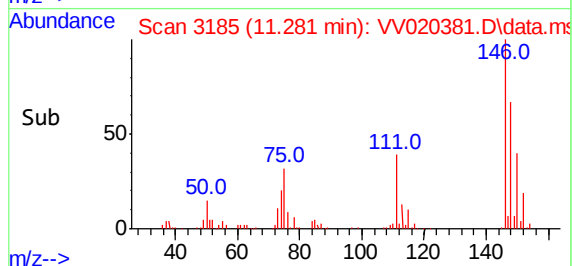
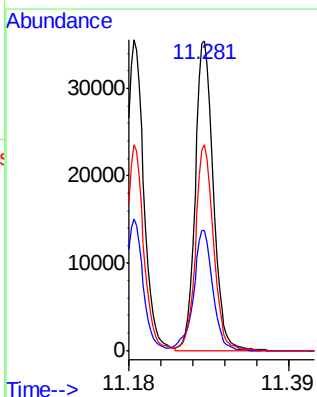
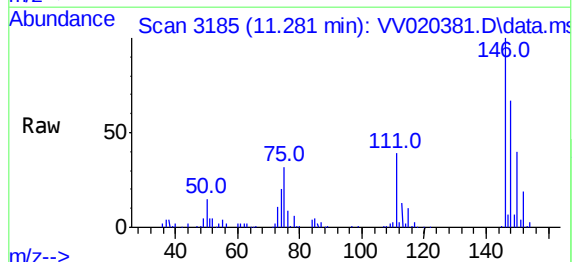
Instrument :
MSVOA_V
ClientSampleId :
VSTD001704

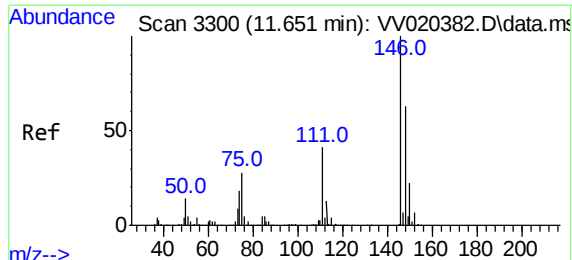
Tgt Ion:146 Resp: 56685
Ion Ratio Lower Upper
146 100
111 42.2 26.8 49.8
148 66.1 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 1.15 ug/L
RT: 11.281 min Scan# 3185
Delta R.T. -0.000 min
Lab File: VV020381.D
Acq: 23 Feb 2021 14:35

Tgt Ion:146 Resp: 58167
Ion Ratio Lower Upper
146 100
111 38.6 25.8 47.8
148 66.6 43.9 81.5

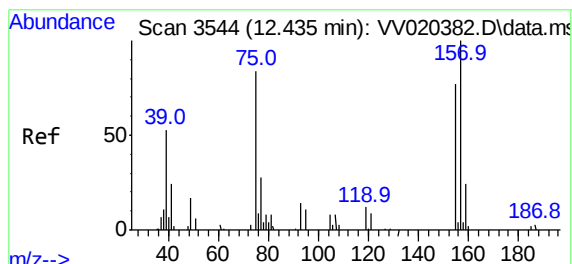
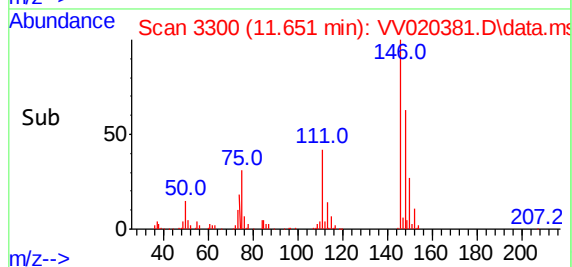
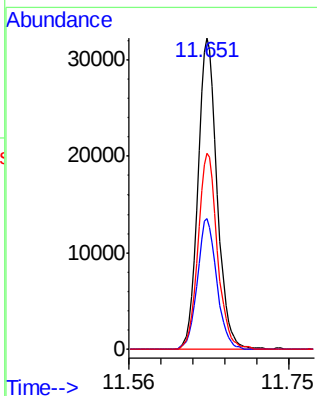
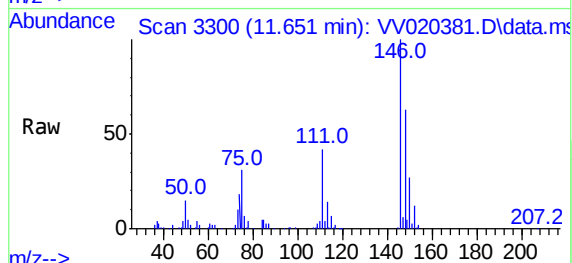




#67
1,2-Dichlorobenzene
Concen: 1.17 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. -0.000 min
Lab File: VV020381.D
Acq: 23 Feb 2021 14:35

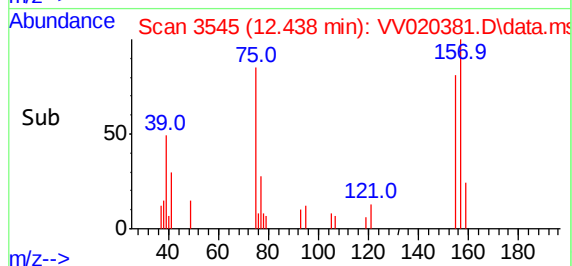
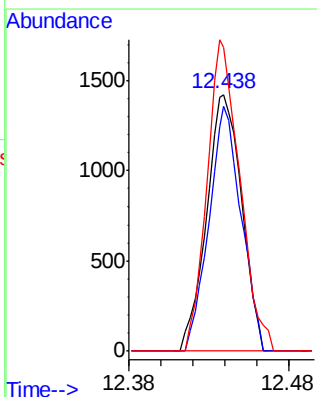
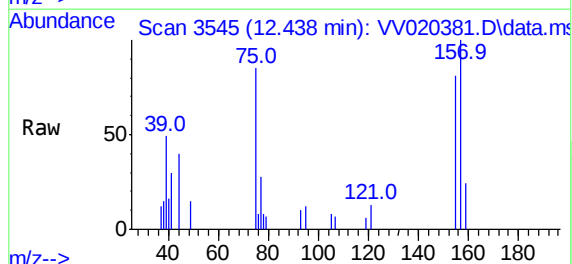
Instrument :
MSVOA_V
ClientSampleId :
VSTD001704

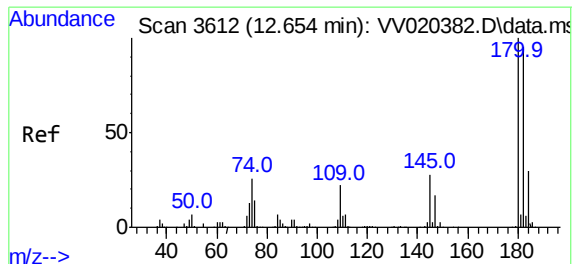
Tgt Ion:146 Resp: 52420
Ion Ratio Lower Upper
146 100
111 42.0 32.6 49.0
148 62.9 50.8 76.2



#68
1,2-Dibromo-3-chloropropane
Concen: 0.89 ug/L
RT: 12.438 min Scan# 3545
Delta R.T. 0.003 min
Lab File: VV020381.D
Acq: 23 Feb 2021 14:35

Tgt Ion: 75 Resp: 2263
Ion Ratio Lower Upper
75 100
155 95.2 72.8 109.2
157 118.1 94.7 142.1

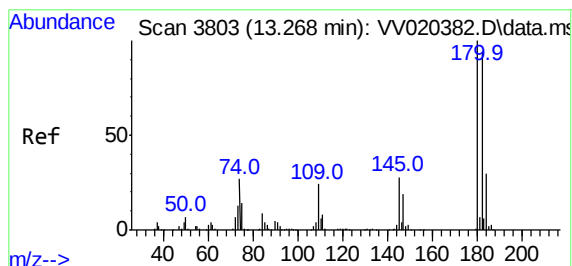
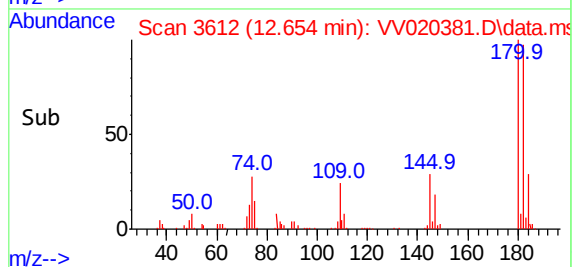
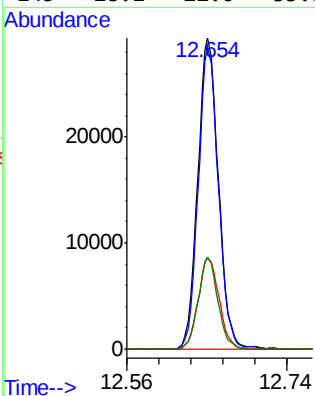
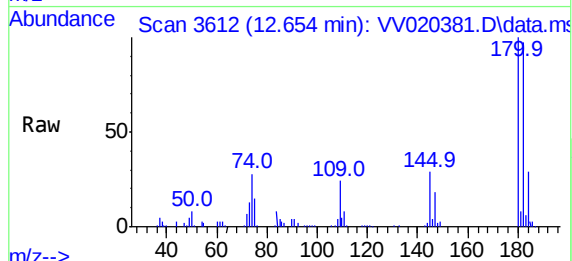




#69
1,3,5-Trichlorobenzene
Concen: 1.08 ug/L
RT: 12.654 min Scan# 3612
Delta R.T. -0.000 min
Lab File: VV020381.D
Acq: 23 Feb 2021 14:35

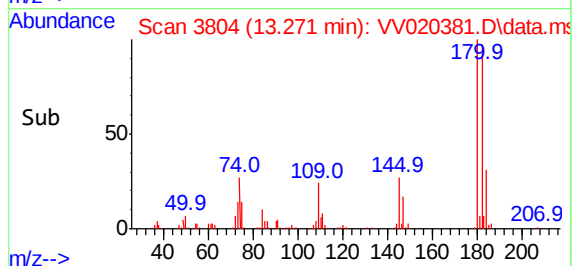
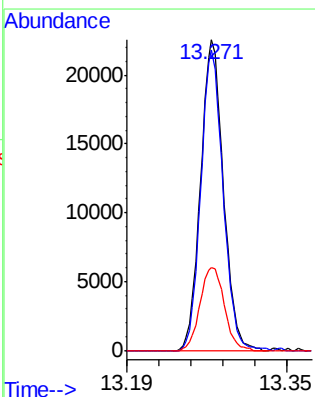
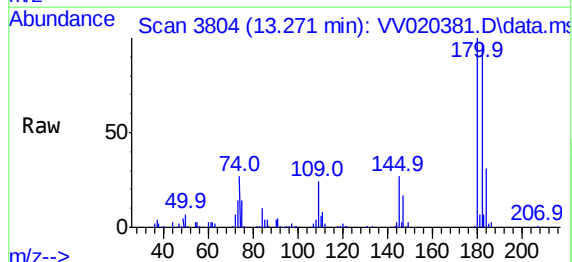
Instrument :
MSVOA_V
ClientSampleId :
VSTD001704

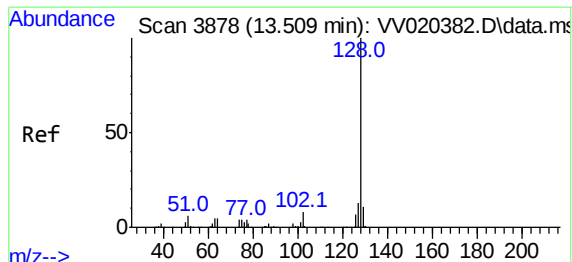
Tgt Ion:180 Resp: 45998
Ion Ratio Lower Upper
180 100
182 95.2 75.6 113.4
184 29.4 24.4 36.6
145 28.1 22.6 33.8



#70
1,2,4-trichlorobenzene
Concen: 1.04 ug/L
RT: 13.271 min Scan# 3804
Delta R.T. 0.003 min
Lab File: VV020381.D
Acq: 23 Feb 2021 14:35

Tgt Ion:180 Resp: 35670
Ion Ratio Lower Upper
180 100
182 94.9 75.7 113.5
145 28.4 23.0 34.4

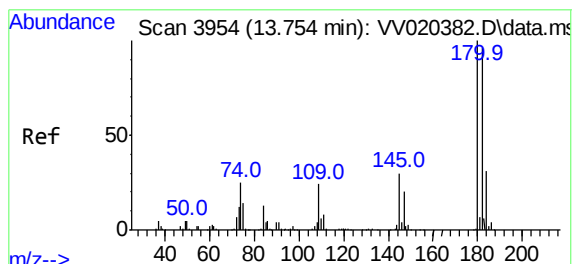
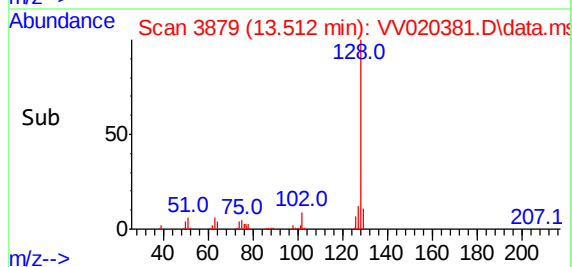
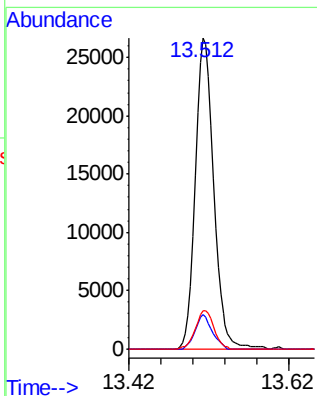
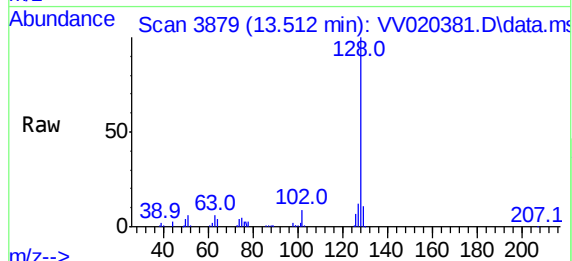




#71
Naphthalene
Concen: 0.92 ug/L
RT: 13.512 min Scan# 3879
Delta R.T. 0.003 min
Lab File: VV020381.D
Acq: 23 Feb 2021 14:35

Instrument :
MSVOA_V
ClientSampleId :
VSTD001704

Tgt Ion:128 Resp: 43087
Ion Ratio Lower Upper
128 100
129 9.9 8.6 13.0
127 12.3 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 1.00 ug/L
RT: 13.754 min Scan# 3954
Delta R.T. -0.000 min
Lab File: VV020381.D
Acq: 23 Feb 2021 14:35

Tgt Ion:180 Resp: 30544
Ion Ratio Lower Upper
180 100
182 96.2 75.9 113.9
145 31.0 24.6 37.0

