

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020221\
 Data File : VW020252.D
 Acq On : 02 Feb 2021 20:49
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05084

Quant Time: Feb 03 02:33:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 03 02:27:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	736036	50.00	ug/L	# 0.00
28) Chlorobenzene-d5	8.855	117	705212	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	402237	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	210501	41.18	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.36%		
7) Chloroethane-d5	1.569	69	161120	40.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	81.94%		
11) 1,1-Dichloroethene-d2	2.110	63	353802	47.50	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.00%		
21) 2-Butanone-d5	3.891	46	286299	88.75	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	88.75%		
24) Chloroform-d	4.354	84	430632	46.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.54%		
26) 1,2-Dichloroethane-d4	5.035	65	261468	43.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.82%		
32) Benzene-d6	5.055	84	834124	45.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.40%		
36) 1,2-Dichloropropane-d6	6.074	67	246615	43.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.72%		
41) Toluene-d8	7.318	98	789894	46.48	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.96%		
43) trans-1,3-Dichloroprop...	7.624	79	122758	44.54	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.08%		
47) 2-Hexanone-d5	8.090	63	225992	90.97	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.97%		
57) 1,1,2,2-Tetrachloroeth...	10.222	84	372613	48.80	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.60%		
64) 1,2-Dichlorobenzene-d4	11.630	152	369992	48.05	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.10%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.129	85	258705	48.66	ug/L	100
3) Chloromethane	1.241	50	212381	36.34	ug/L	99
5) Vinyl chloride	1.312	62	223801	41.44	ug/L	96
6) Bromomethane	1.524	94	105181	33.98	ug/L	96
8) Chloroethane	1.585	64	128243	40.09	ug/L	100
9) Trichlorofluoromethane	1.753	101	320554	43.07	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	188716	50.07	ug/L	# 80
12) 1,1-Dichloroethene	2.119	96	177475	48.80	ug/L	72
13) Acetone	2.187	43	170303	91.65	ug/L	92
14) Carbon disulfide	2.296	76	521270	44.16	ug/L	100
15) Methyl Acetate	2.438	43	203460	41.77	ug/L	92
16) Methylene chloride	2.508	84	220776	46.54	ug/L	84
17) trans-1,2-Dichloroethene	2.762	96	209640	46.87	ug/L	86
18) Methyl tert-butyl Ether	2.772	73	637600	45.02	ug/L	95
19) 1,1-Dichloroethane	3.193	63	366777	44.18	ug/L	98
20) cis-1,2-Dichloroethene	3.917	96	232738	46.83	ug/L	81
22) 2-Butanone	3.974	43	271775	76.80	ug/L	93
23) Bromochloromethane	4.251	128	132835	50.03	ug/L	# 73
25) Chloroform	4.380	83	393584	44.32	ug/L	96
27) 1,2-Dichloroethane	5.135	62	296141	41.81	ug/L	# 92

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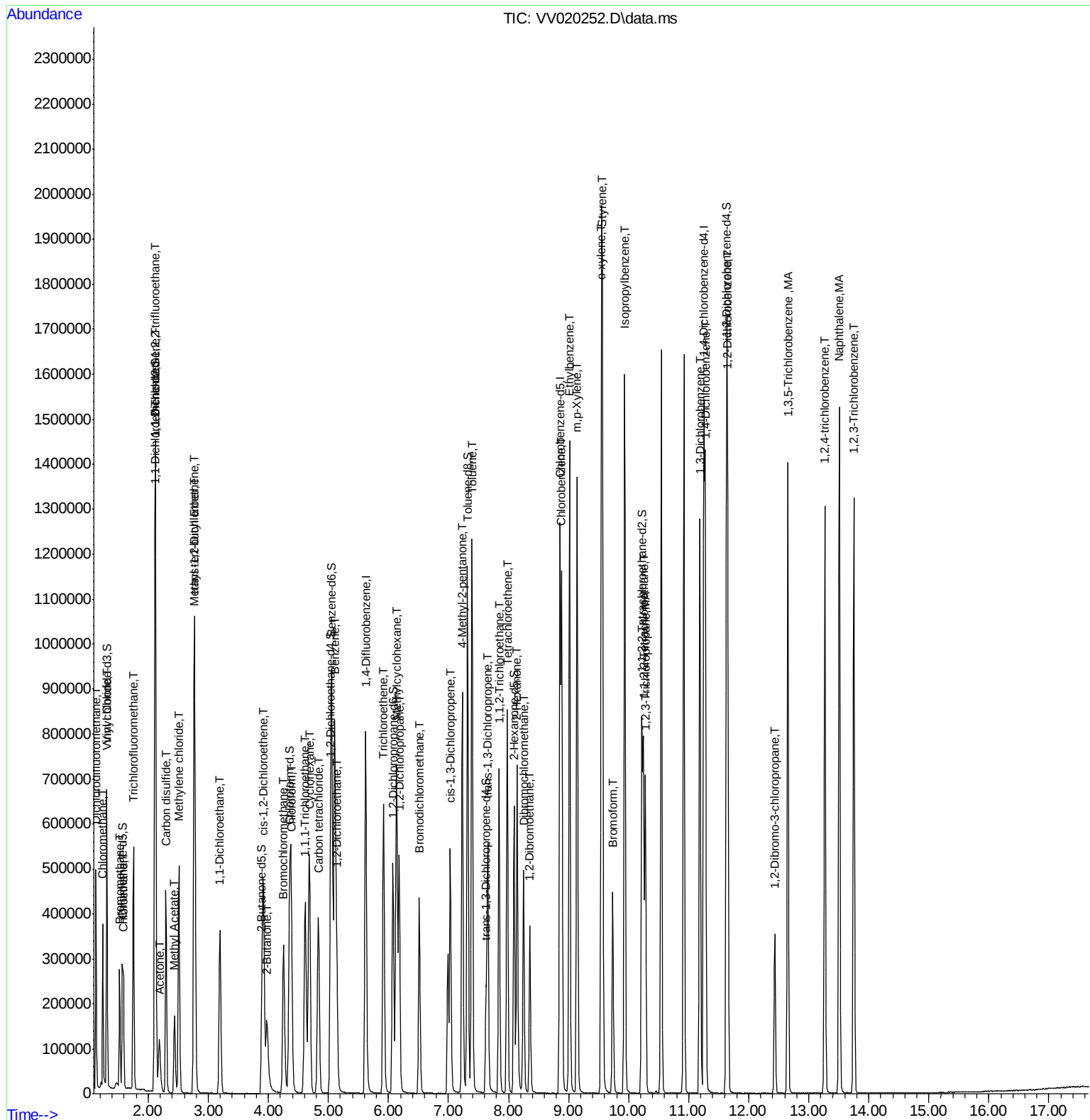
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.682	56	293585	39.71	ug/L	90
30) 1,1,1-Trichloroethane	4.614	97	349995	42.96	ug/L	94
31) Carbon tetrachloride	4.833	117	308869	43.79	ug/L	98
33) Benzene	5.103	78	833612	43.25	ug/L	100
34) Trichloroethene	5.916	95	223489	43.24	ug/L	86
35) Methylcyclohexane	6.135	83	316358	41.88	ug/L	92
37) 1,2-Dichloropropane	6.177	63	214592	44.59	ug/L #	97
38) Bromodichloromethane	6.515	83	291800	43.52	ug/L	99
39) cis-1,3-Dichloropropene	7.029	75	332926	43.25	ug/L	100
40) 4-Methyl-2-pentanone	7.228	43	548418	79.01	ug/L #	91
42) Toluene	7.389	91	911678	44.43	ug/L	99
44) trans-1,3-Dichloropropene	7.653	75	320607	43.13	ug/L	99
45) 1,1,2-Trichloroethane	7.842	97	227747	47.40	ug/L	94
46) Tetrachloroethene	7.977	164	209289	48.13	ug/L	90
48) 2-Hexanone	8.141	43	419317	82.05	ug/L #	89
49) Dibromochloromethane	8.251	129	260948	48.39	ug/L	99
50) 1,2-Dibromoethane	8.354	107	246088	47.39	ug/L #	97
51) Chlorobenzene	8.884	112	629940	46.30	ug/L	93
52) Ethylbenzene	9.016	91	1002180	45.57	ug/L	97
53) m,p-Xylene	9.141	106	395345	46.16	ug/L	91
54) o-xylene	9.547	106	388778	47.75	ug/L	93
55) Styrene	9.563	104	692455	48.28	ug/L	94
56) Isopropylbenzene	9.936	105	1026093	46.79	ug/L	96
58) 1,1,2,2-Tetrachloroethane	10.248	83	354791	44.96	ug/L #	98
59) 1,2,3-Trichloropropane	10.280	75	283353	44.12	ug/L	98
61) Bromoform	9.736	173	209903	48.59	ug/L #	97
62) 1,3-Dichlorobenzene	11.186	146	554694	47.66	ug/L	96
63) 1,4-Dichlorobenzene	11.280	146	568590	47.13	ug/L	96
65) 1,2-Dichlorobenzene	11.649	146	559363	46.15	ug/L	96
66) 1,2-Dibromo-3-chloropr...	12.434	75	81385	42.48	ug/L #	58
67) 1,3,5-Trichlorobenzene	12.653	180	471647	46.35	ug/L	96
68) 1,2,4-trichlorobenzene	13.270	180	432502	46.72	ug/L	96
69) Naphthalene	13.508	128	1211188	45.81	ug/L	99
70) 1,2,3-Trichlorobenzene	13.752	180	438848	47.68	ug/L	97

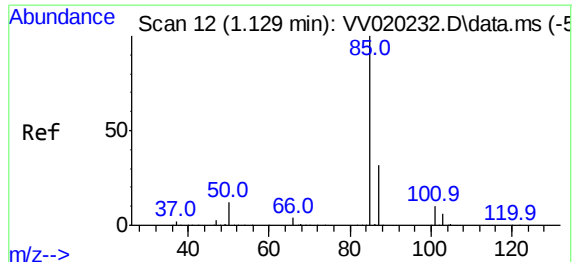
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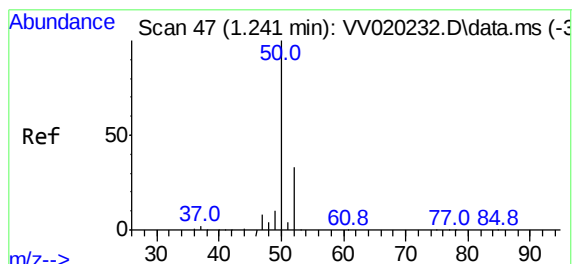
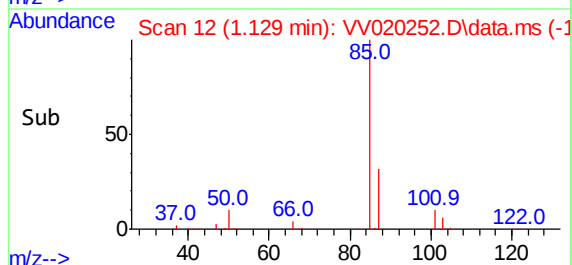
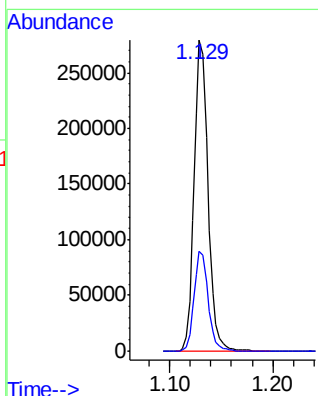
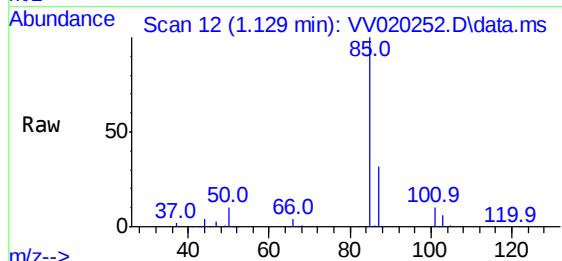




#2
Dichlorodifluoromethane
Concen: 48.66 ug/L
RT: 1.129 min Scan# 12
Delta R.T. 0.000 min
Lab File: VV020252.D
Acq: 02 Feb 2021 20:49

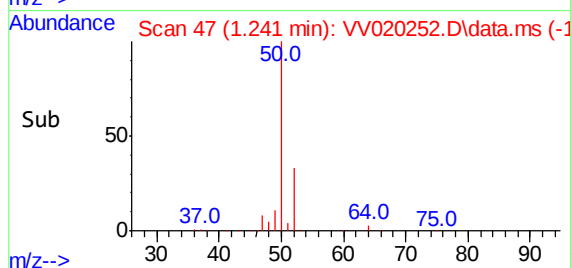
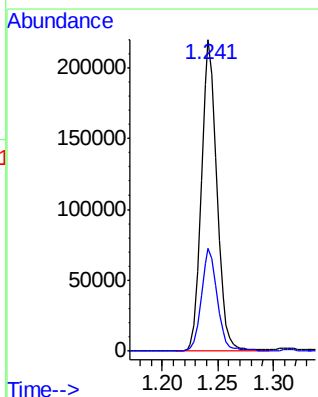
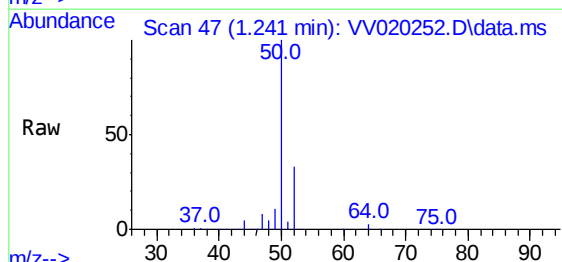
Instrument :
MSVOA_V
ClientSampleId :
VSTD05084

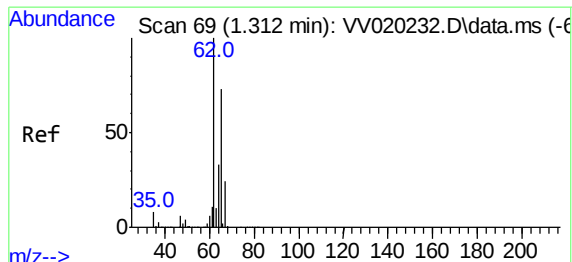
Tgt Ion: 85 Resp: 258705
Ion Ratio Lower Upper
85 100
87 32.4 25.9 38.9



#3
Chloromethane
Concen: 36.34 ug/L
RT: 1.241 min Scan# 47
Delta R.T. 0.000 min
Lab File: VV020252.D
Acq: 02 Feb 2021 20:49

Tgt Ion: 50 Resp: 212381
Ion Ratio Lower Upper
50 100
52 32.7 22.7 42.1



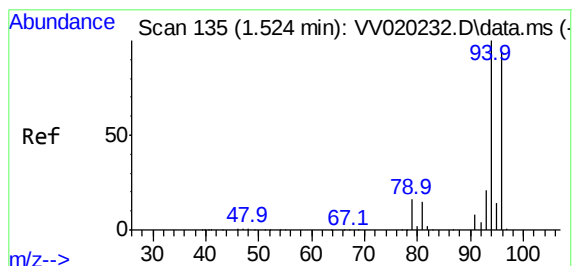
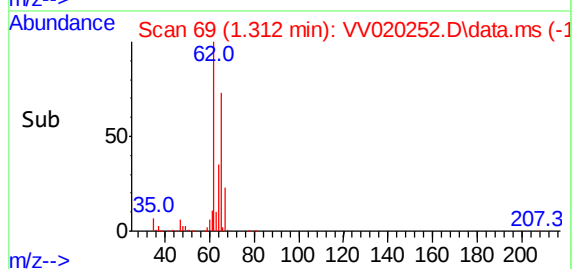
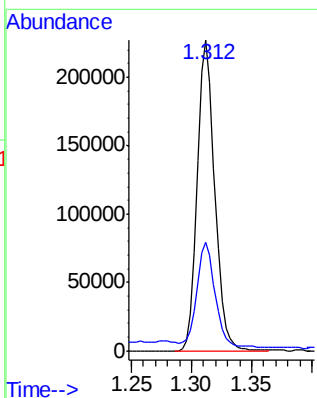
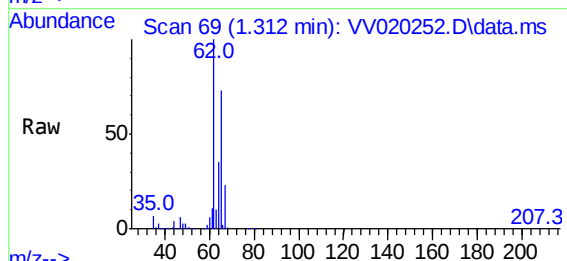


#5
 Vinyl chloride
 Concen: 41.44 ug/L
 RT: 1.312 min Scan# 69
 Delta R.T. 0.000 min
 Lab File: VV020252.D
 Acq: 02 Feb 2021 20:49

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Tgt Ion: 62 Resp: 223801

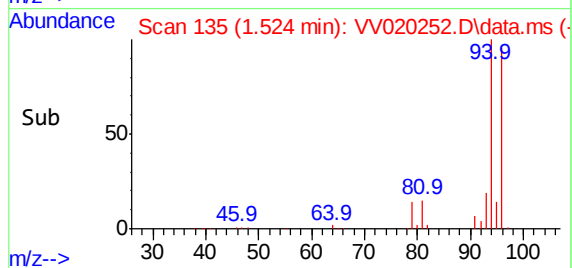
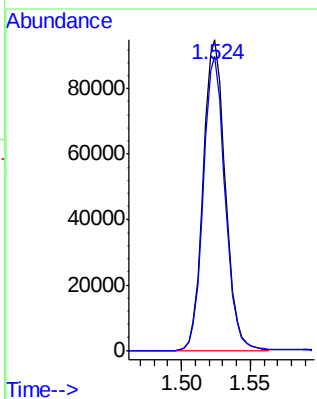
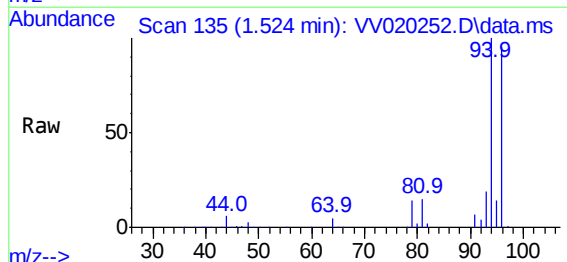
Ion	Ratio	Lower	Upper
62	100		
64	35.0	23.0	42.6

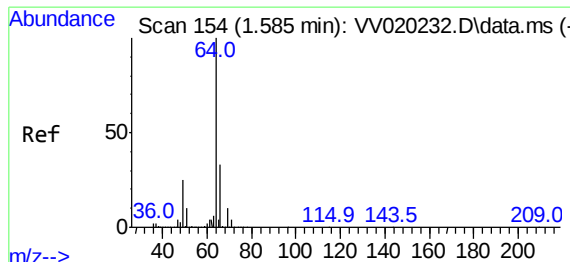


#6
 Bromomethane
 Concen: 33.98 ug/L
 RT: 1.524 min Scan# 135
 Delta R.T. 0.000 min
 Lab File: VV020252.D
 Acq: 02 Feb 2021 20:49

Tgt Ion: 94 Resp: 105181

Ion	Ratio	Lower	Upper
94	100		
96	94.7	63.6	118.2

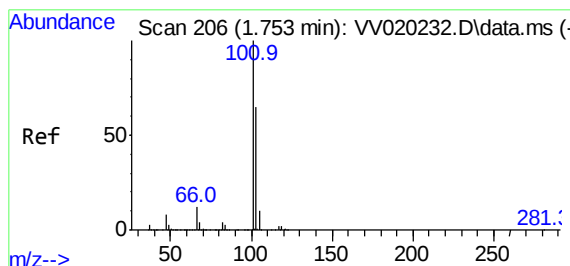
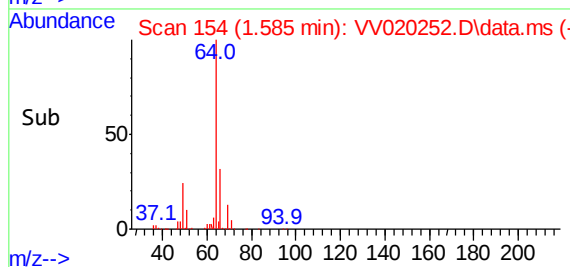
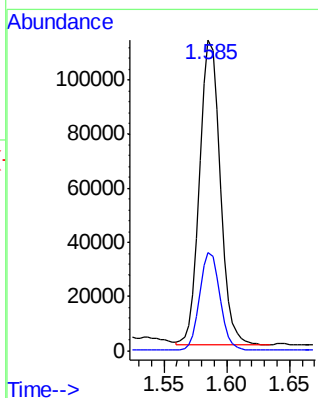
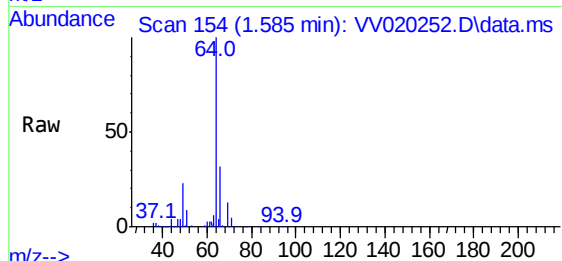




#8
Chloroethane
Concen: 40.09 ug/L
RT: 1.585 min Scan# 154
Delta R.T. 0.000 min
Lab File: VV020252.D
Acq: 02 Feb 2021 20:49

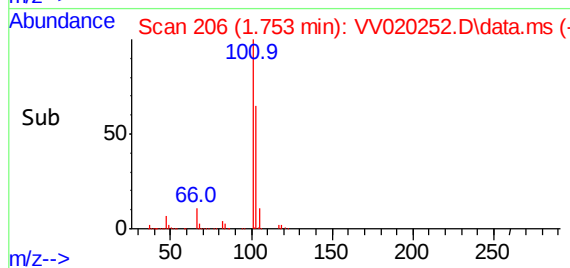
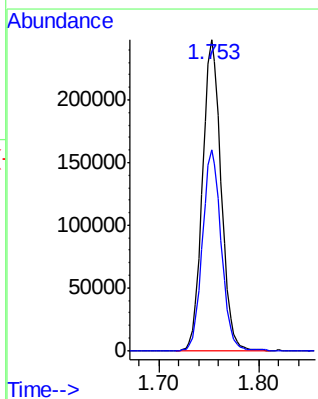
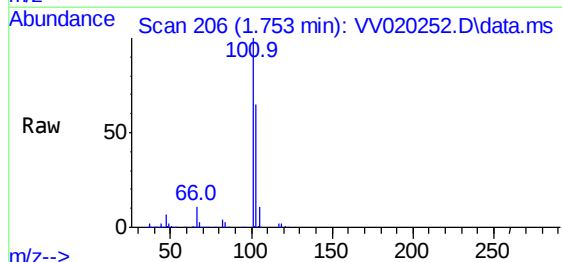
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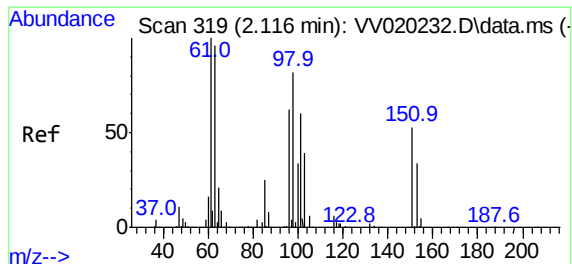
Tgt Ion: 64 Resp: 128243
Ion Ratio Lower Upper
64 100
66 31.7 22.4 41.6



#9
Trichlorofluoromethane
Concen: 43.07 ug/L
RT: 1.753 min Scan# 206
Delta R.T. 0.000 min
Lab File: VV020252.D
Acq: 02 Feb 2021 20:49

Tgt Ion: 101 Resp: 320554
Ion Ratio Lower Upper
101 100
103 64.9 51.7 77.5

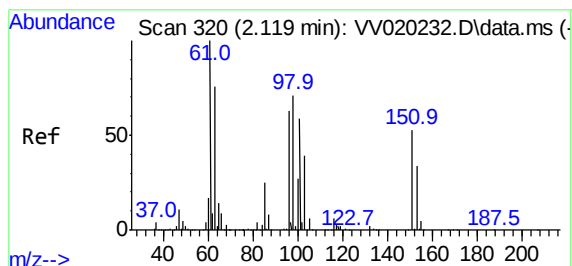
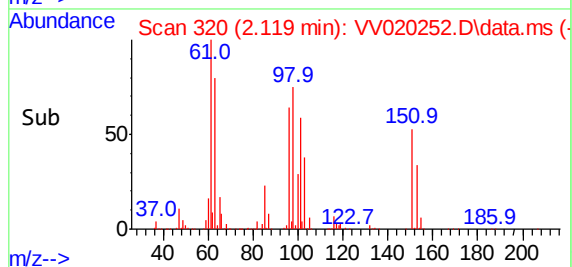
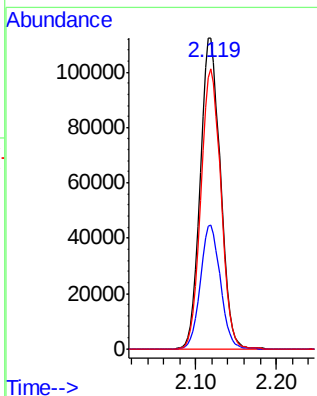
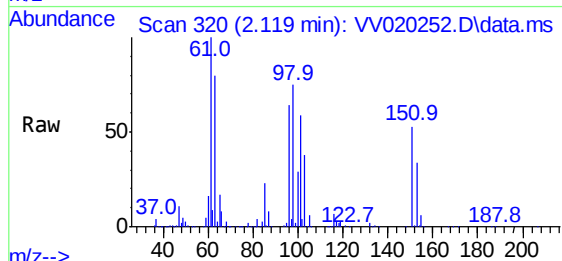




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 50.07 ug/L
 RT: 2.119 min Scan# 320
 Delta R.T. 0.003 min
 Lab File: VV020252.D
 Acq: 02 Feb 2021 20:49

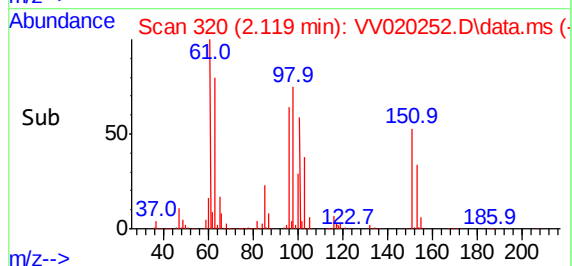
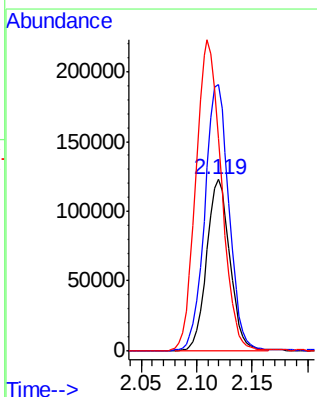
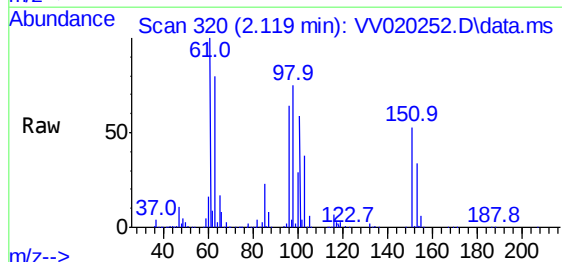
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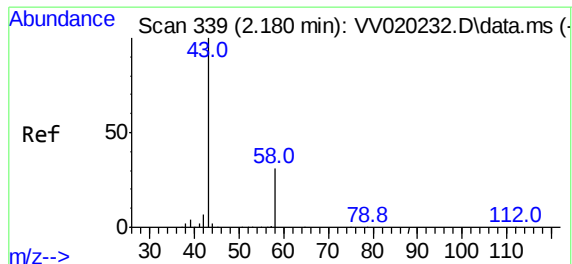
Tgt Ion:101 Resp: 188716
 Ion Ratio Lower Upper
 101 100
 85 39.6 35.3 52.9
 151 89.5 53.6 80.4#



#12
 1,1-Dichloroethene
 Concen: 48.80 ug/L
 RT: 2.119 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV020252.D
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Tgt Ion: 96 Resp: 177475
 Ion Ratio Lower Upper
 96 100
 61 156.1 134.9 250.5
 63 124.4 117.6 218.4

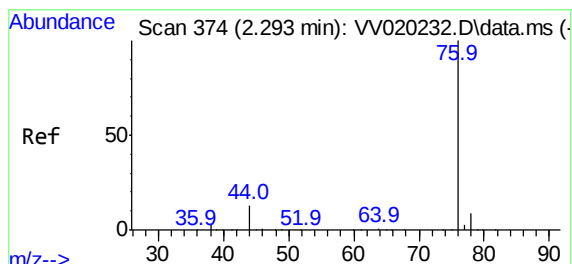
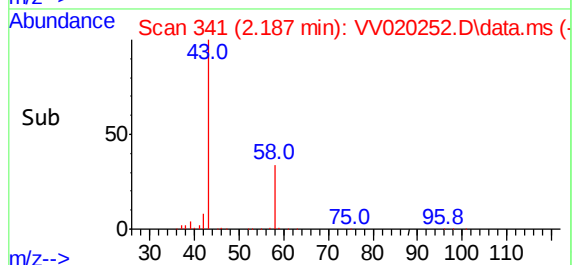
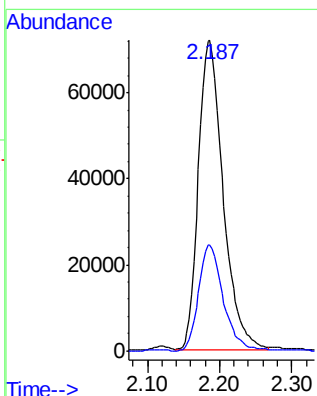
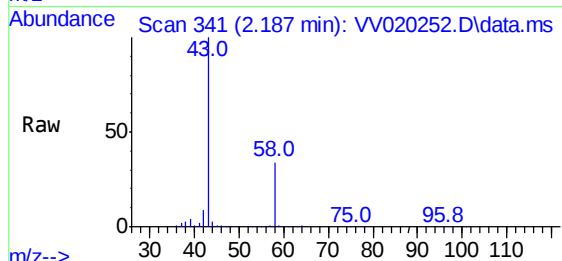




#13
Acetone
Concen: 91.65 ug/L
RT: 2.187 min Scan# 341
Delta R.T. 0.006 min
Lab File: VV020252.D
Acq: 02 Feb 2021 20:49

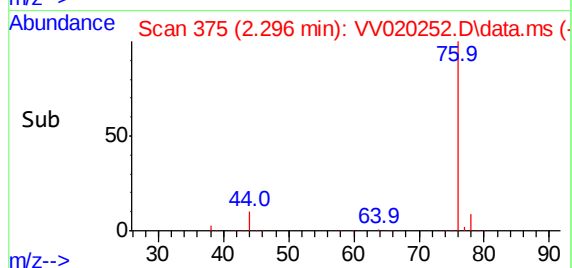
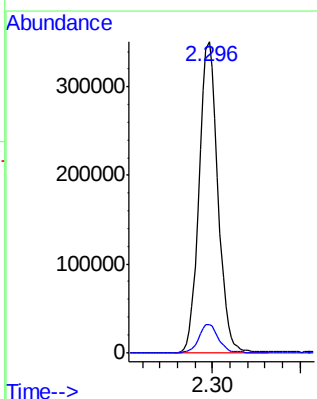
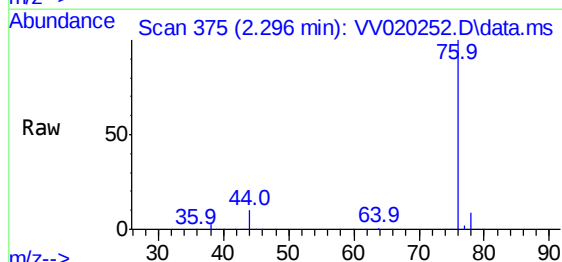
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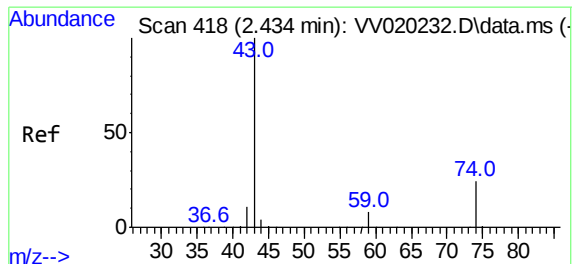
Tgt Ion: 43 Resp: 170303
Ion Ratio Lower Upper
43 100
58 34.2 0.0 60.2



#14
Carbon disulfide
Concen: 44.16 ug/L
RT: 2.296 min Scan# 375
Delta R.T. 0.003 min
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Tgt Ion: 76 Resp: 521270
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

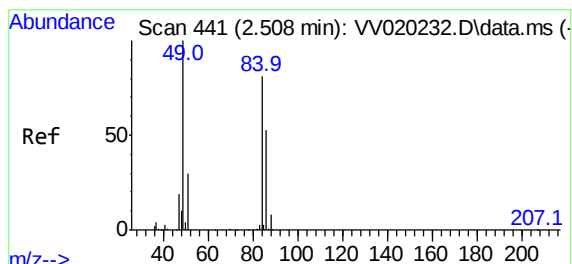
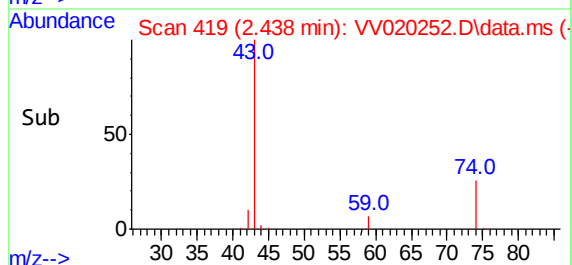
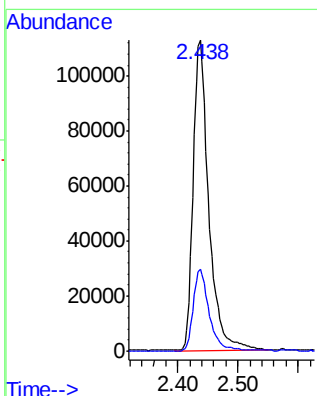
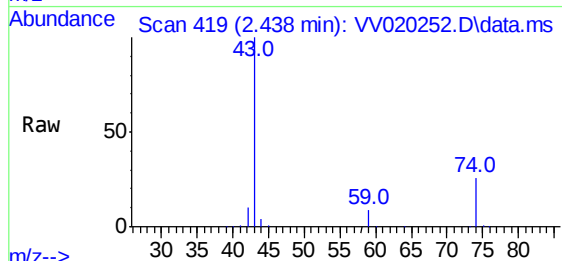




#15
Methyl Acetate
Concen: 41.77 ug/L
RT: 2.438 min Scan# 419
Delta R.T. 0.003 min
Lab File: VV020252.D
Acq: 02 Feb 2021 20:49

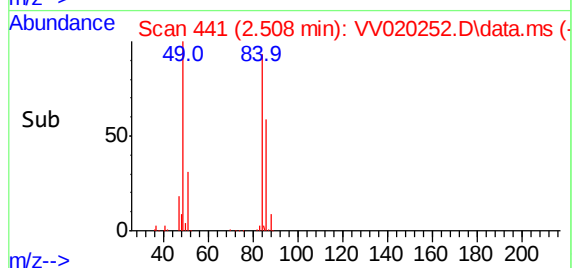
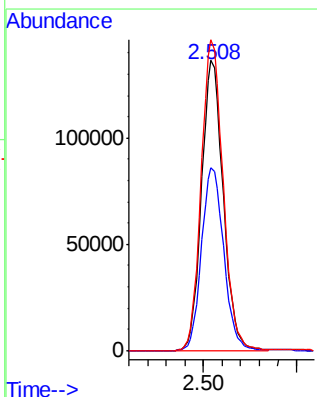
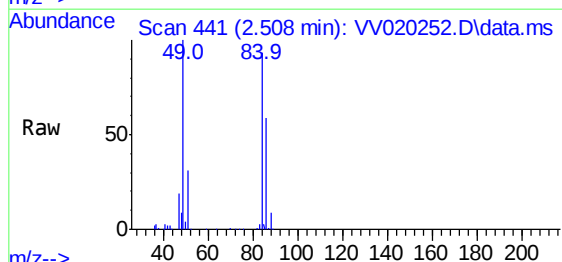
Instrument :
MSVOA_V
ClientSampleId :
VSTD05084

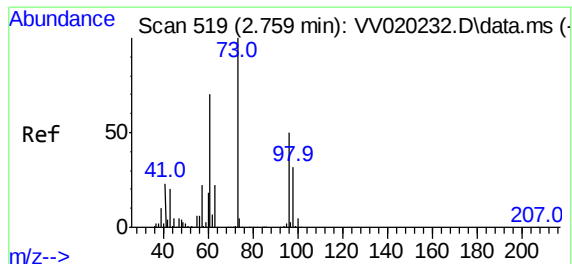
Tgt Ion: 43 Resp: 203460
Ion Ratio Lower Upper
43 100
74 25.9 17.6 26.4



#16
Methylene chloride
Concen: 46.54 ug/L
RT: 2.508 min Scan# 441
Delta R.T. 0.000 min
Lab File: VV020252.D
Acq: 02 Feb 2021 20:49

Tgt Ion: 84 Resp: 220776
Ion Ratio Lower Upper
84 100
86 63.0 44.6 82.8
49 107.0 94.6 175.8

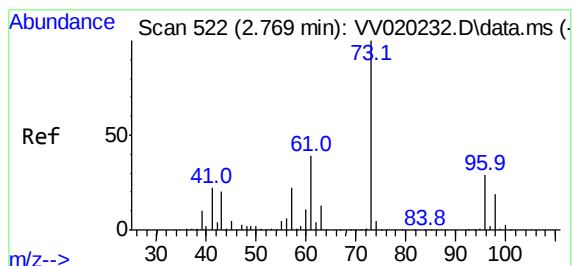
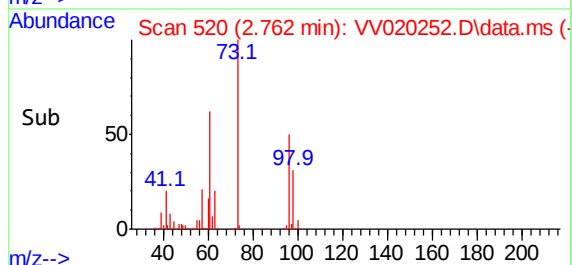
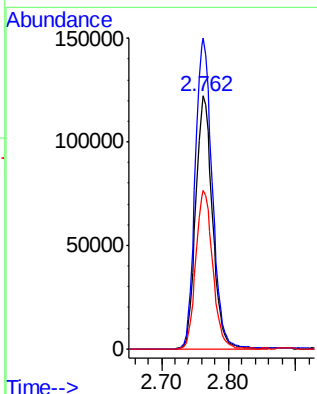
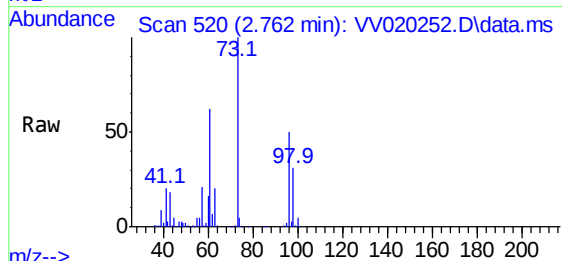




#17
trans-1,2-Dichloroethene
Concen: 46.87 ug/L
RT: 2.762 min Scan# 520
Delta R.T. 0.003 min
Lab File: VV020252.D
Acq: 02 Feb 2021 20:49

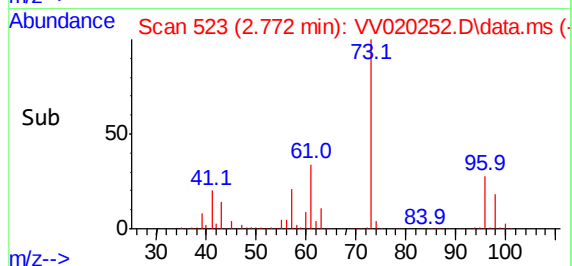
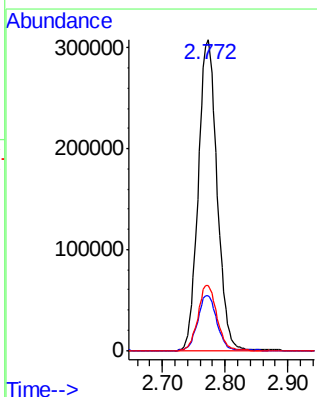
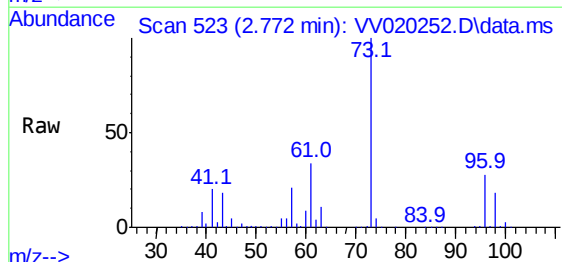
Instrument :
MSVOA_V
ClientSampleId :
VSTD05084

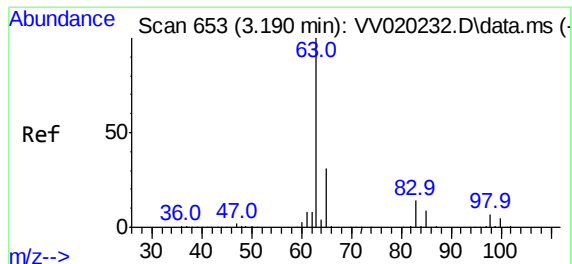
Tgt Ion: 96 Resp: 209640
Ion Ratio Lower Upper
96 100
61 123.0 103.1 191.5
98 62.7 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 45.02 ug/L
RT: 2.772 min Scan# 523
Delta R.T. 0.003 min
Lab File: VV020252.D
Acq: 02 Feb 2021 20:49

Tgt Ion: 73 Resp: 637600
Ion Ratio Lower Upper
73 100
43 17.8 17.3 25.9
57 21.0 17.9 26.9

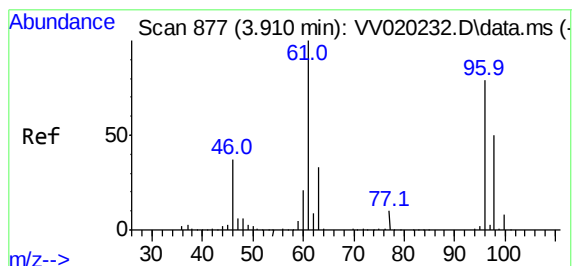
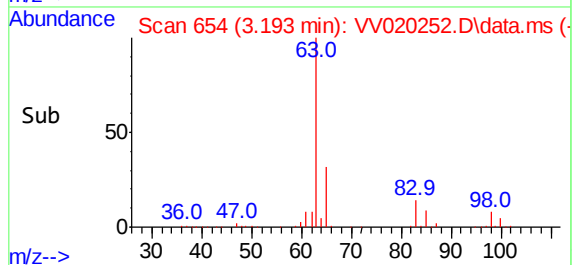
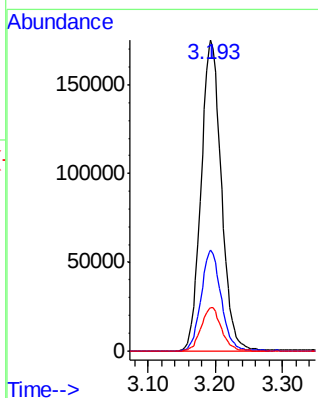
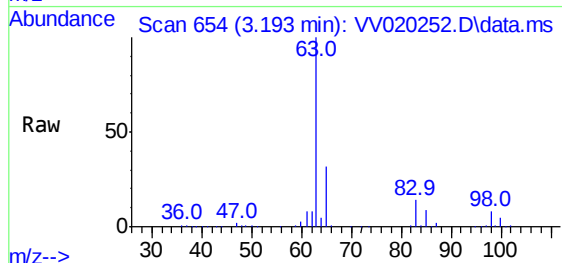




#19
1,1-Dichloroethane
Concen: 44.18 ug/L
RT: 3.193 min Scan# 654
Delta R.T. 0.003 min
Lab File: VV020252.D
Acq: 02 Feb 2021 20:49

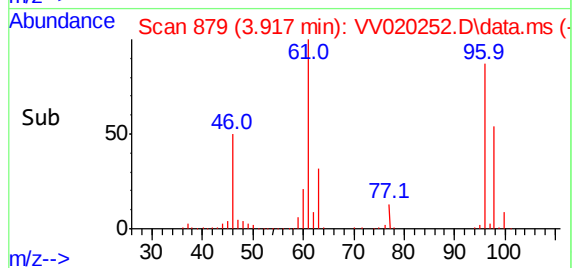
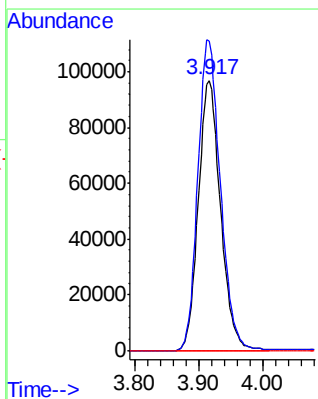
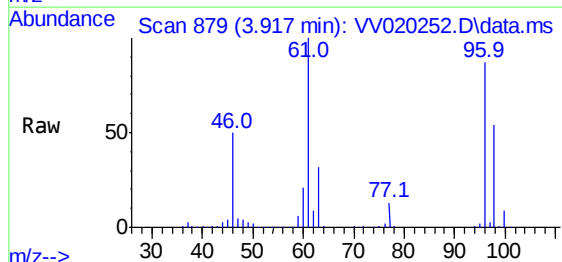
Instrument :
MSVOA_V
ClientSampleId :
VSTD05084

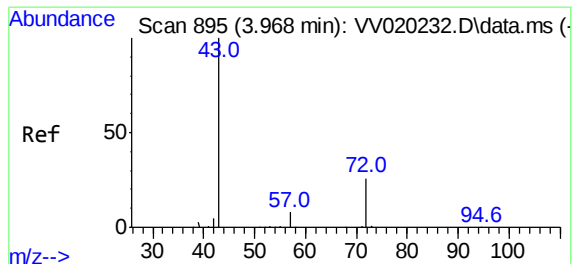
Tgt Ion: 63 Resp: 366777
Ion Ratio Lower Upper
63 100
65 32.3 21.9 40.7
83 14.0 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 46.83 ug/L
RT: 3.917 min Scan# 879
Delta R.T. 0.006 min
Lab File: VV020252.D
Acq: 02 Feb 2021 20:49

Tgt Ion: 96 Resp: 232738
Ion Ratio Lower Upper
96 100
61 114.8 96.9 179.9
68 0.0 0.0 0.0

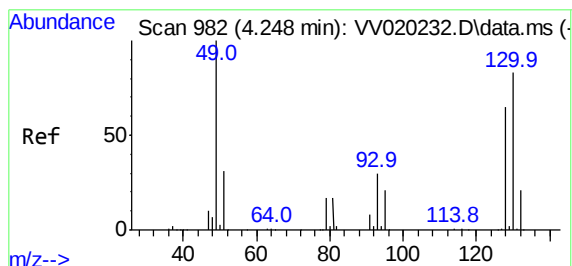
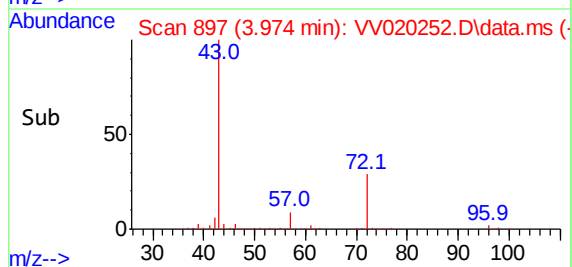
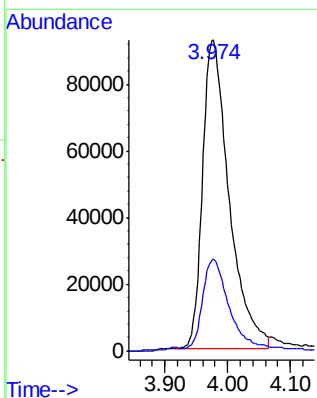
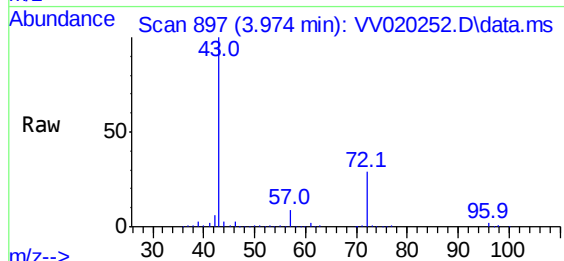




#22
2-Butanone
Concen: 76.80 ug/L
RT: 3.974 min Scan# 897
Delta R.T. 0.006 min
Lab File: VV020252.D
Acq: 02 Feb 2021 20:49

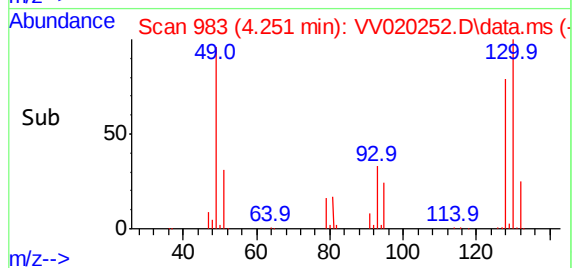
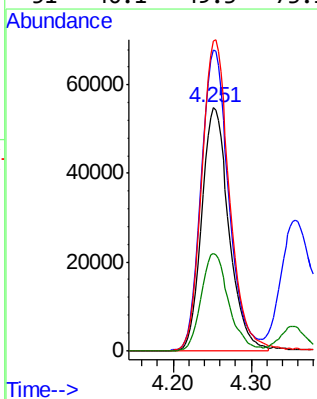
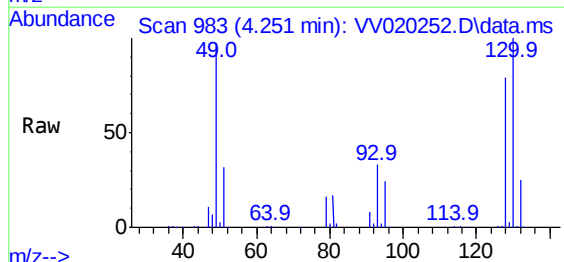
Instrument :
MSVOA_V
ClientSampled :
VSTD05084

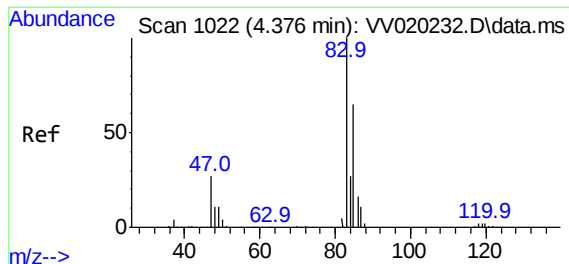
Tgt Ion: 43 Resp: 271775
Ion Ratio Lower Upper
43 100
72 27.7 12.2 36.6



#23
Bromochloromethane
Concen: 50.03 ug/L
RT: 4.251 min Scan# 983
Delta R.T. 0.003 min
Lab File: VV020252.D
Acq: 02 Feb 2021 20:49

Tgt Ion: 128 Resp: 132835
Ion Ratio Lower Upper
128 100
49 123.9 133.1 247.1#
130 127.3 89.0 165.4
51 40.1 49.3 73.9#

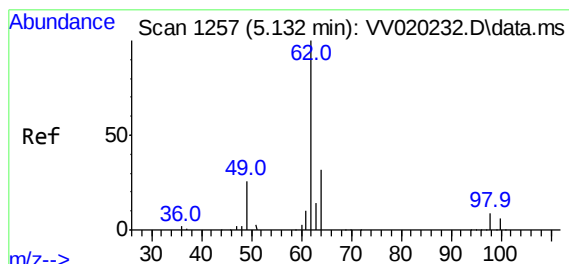
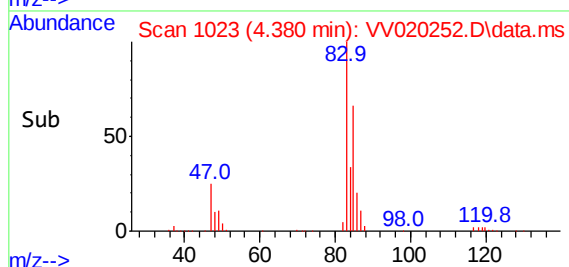
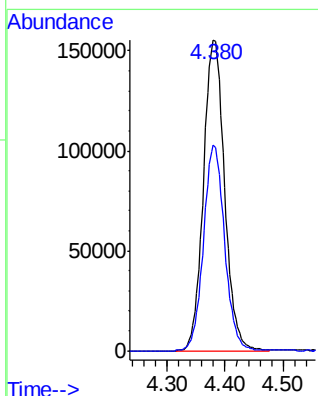
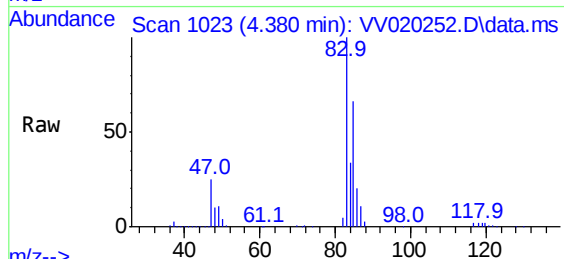




#25
Chloroform
Concen: 44.32 ug/L
RT: 4.380 min Scan# 1023
Delta R.T. 0.003 min
Lab File: VV020252.D
Acq: 02 Feb 2021 20:49

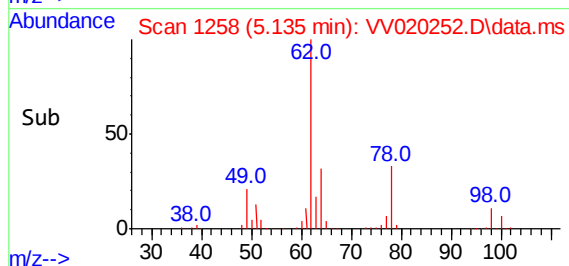
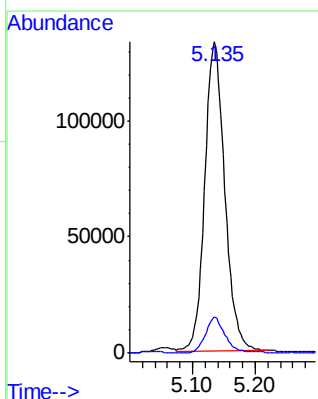
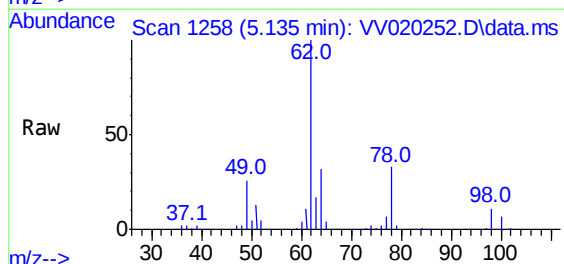
Instrument :
MSVOA_V
ClientSampleId :
VSTD05084

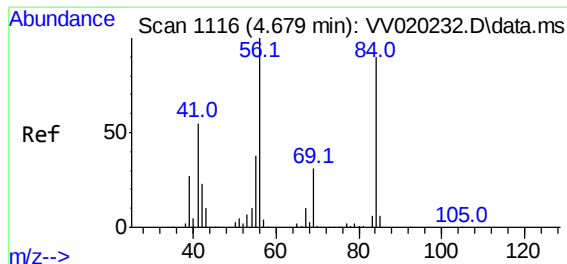
Tgt Ion: 83 Resp: 393584
Ion Ratio Lower Upper
83 100
85 66.2 44.2 82.2



#27
1,2-Dichloroethane
Concen: 41.81 ug/L
RT: 5.135 min Scan# 1258
Delta R.T. 0.003 min
Lab File: VV020252.D
Acq: 02 Feb 2021 20:49

Tgt Ion: 62 Resp: 296141
Ion Ratio Lower Upper
62 100
98 11.3 6.9 10.3#



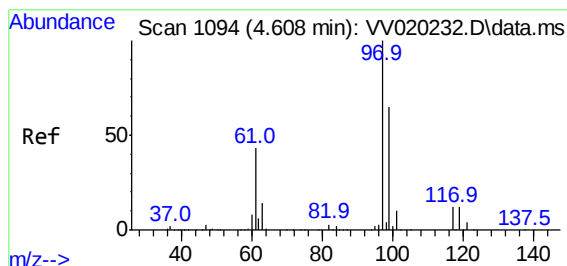
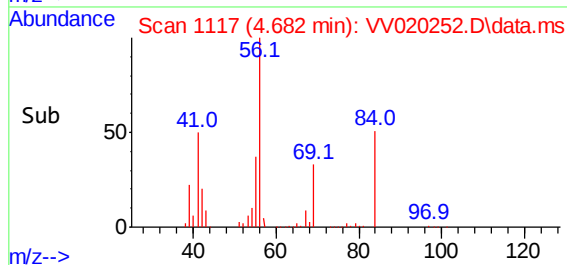
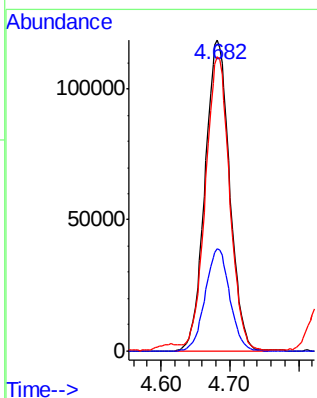
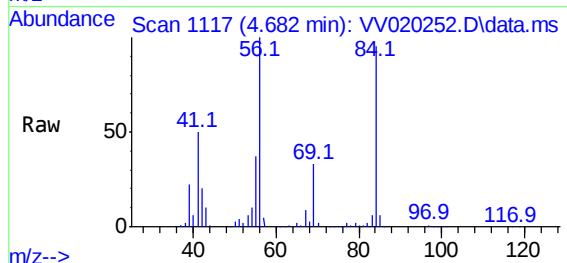


#29
Cyclohexane
Concen: 39.71 ug/L
RT: 4.682 min Scan# 1117
Delta R.T. 0.003 min
Lab File: VV020252.D
Acq: 02 Feb 2021 20:49

Instrument :
MSVOA_V
ClientSampleId :
VSTD05084

Tgt Ion: 56 Resp: 293585

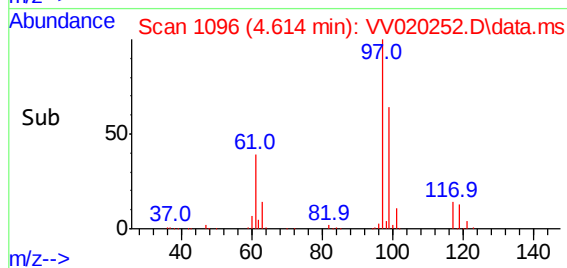
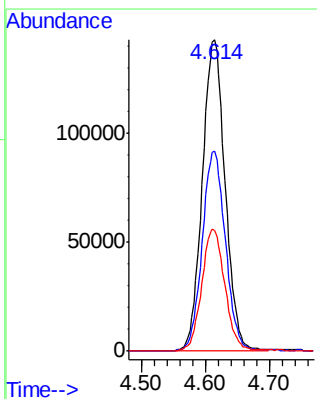
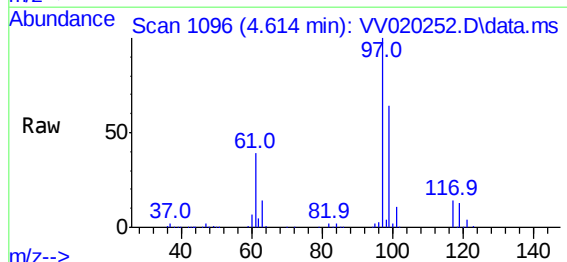
Ion	Ratio	Lower	Upper
56	100		
69	32.6	24.2	36.2
84	93.3	66.3	99.5

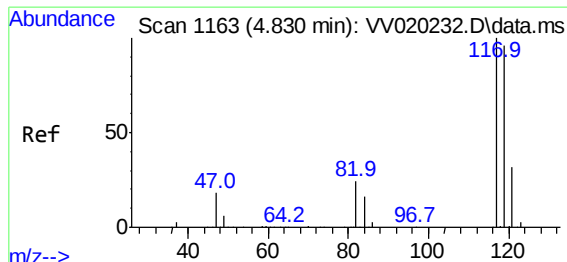


#30
1,1,1-Trichloroethane
Concen: 42.96 ug/L
RT: 4.614 min Scan# 1096
Delta R.T. 0.007 min
Lab File: VV020252.D
Acq: 02 Feb 2021 20:49

Tgt Ion: 97 Resp: 349995

Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.2	76.8
61	39.1	38.5	57.7

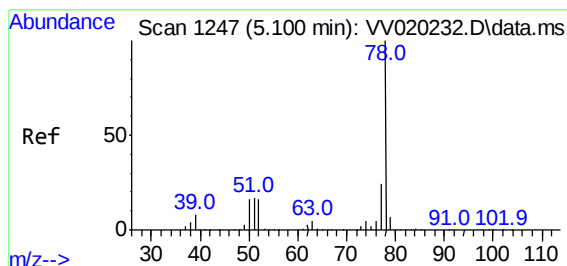
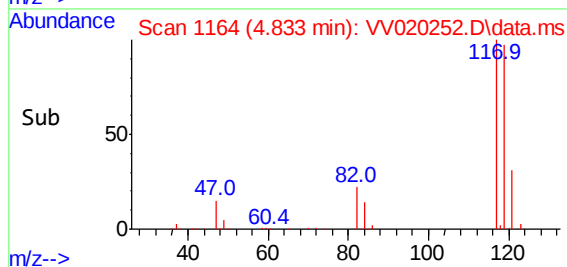
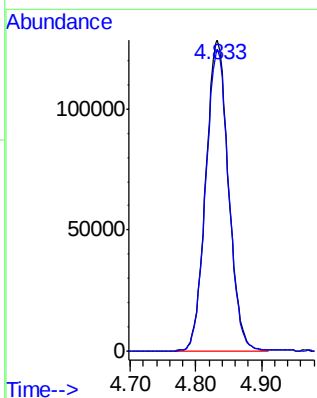
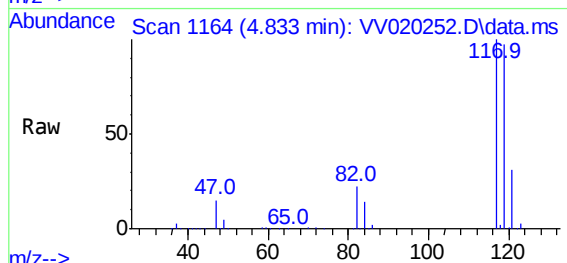




#31
Carbon tetrachloride
Concen: 43.79 ug/L
RT: 4.833 min Scan# 1164
Delta R.T. 0.003 min
Lab File: VV020252.D
Acq: 02 Feb 2021 20:49

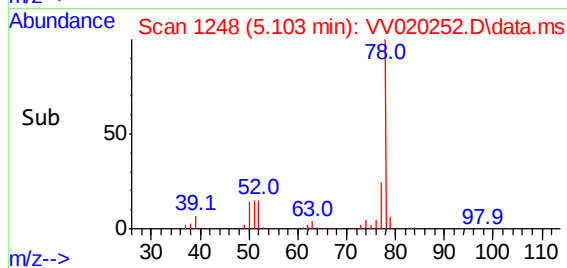
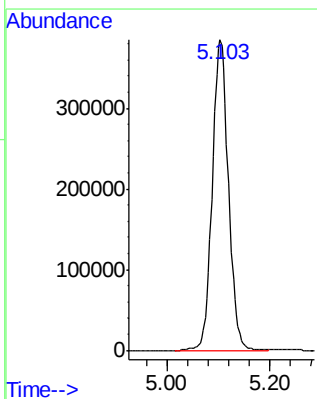
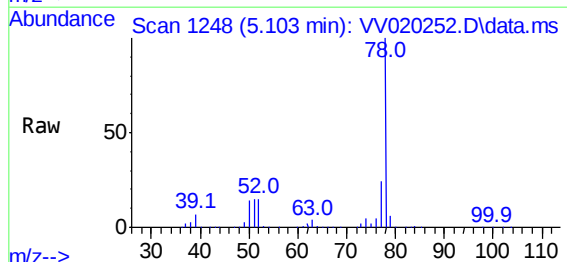
Instrument :
MSVOA_V
ClientSampleId :
VSTD05084

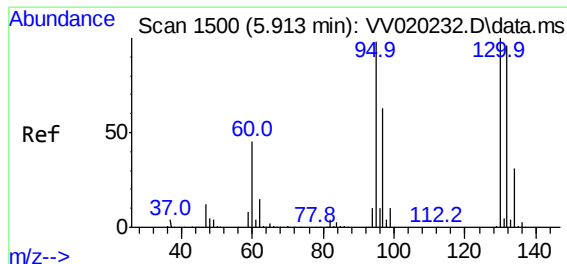
Tgt Ion:117 Resp: 308869
Ion Ratio Lower Upper
117 100
119 97.7 76.3 114.5



#33
Benzene
Concen: 43.25 ug/L
RT: 5.103 min Scan# 1248
Delta R.T. 0.003 min
Lab File: VV020252.D
Acq: 02 Feb 2021 20:49

Tgt Ion: 78 Resp: 833612

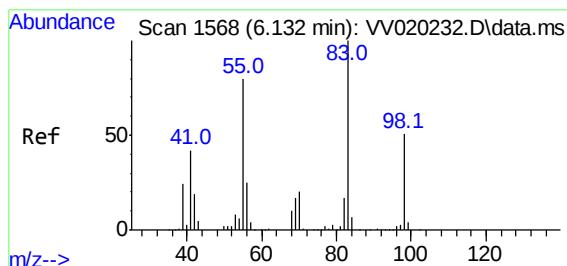
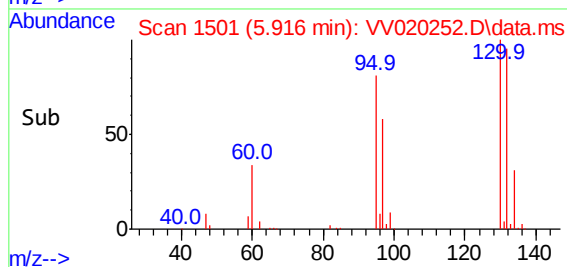
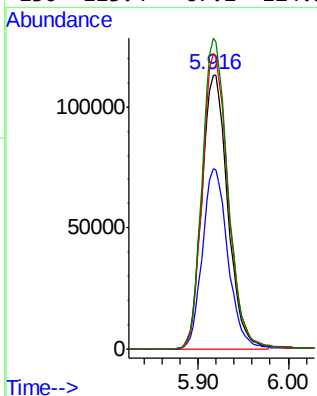
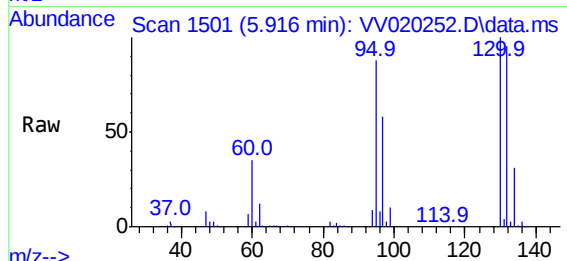




#34
Trichloroethene
Concen: 43.24 ug/L
RT: 5.916 min Scan# 1501
Delta R.T. 0.003 min
Lab File: VV020252.D
Acq: 02 Feb 2021 20:49

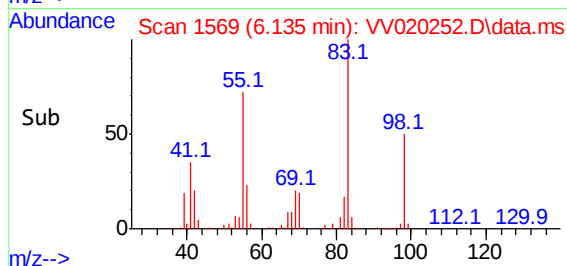
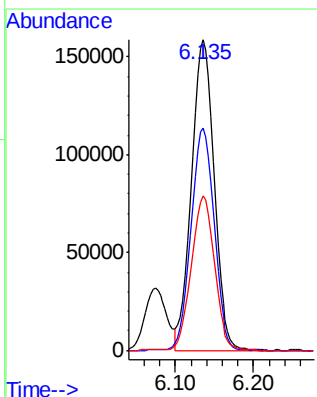
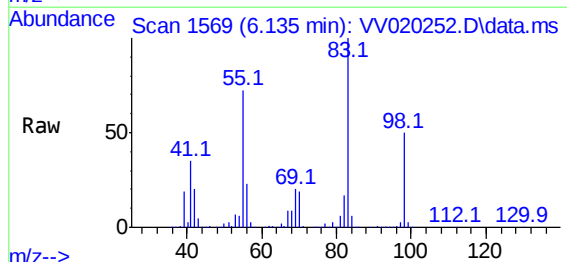
Instrument :
MSVOA_V
ClientSampleId :
VSTD05084

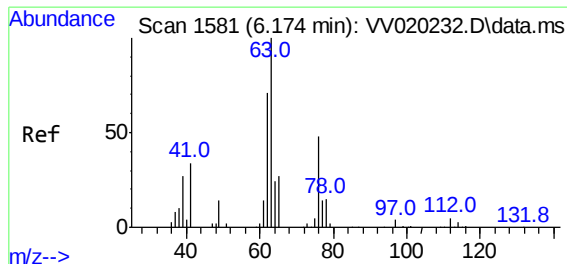
Tgt Ion: 95 Resp: 223489
Ion Ratio Lower Upper
95 100
97 65.7 44.5 82.7
132 107.7 63.4 117.8
130 113.4 67.1 124.5



#35
Methylcyclohexane
Concen: 41.88 ug/L
RT: 6.135 min Scan# 1569
Delta R.T. 0.003 min
Lab File: VV020252.D
Acq: 02 Feb 2021 20:49

Tgt Ion: 83 Resp: 316358
Ion Ratio Lower Upper
83 100
55 73.0 65.1 97.7
98 51.0 38.2 57.2

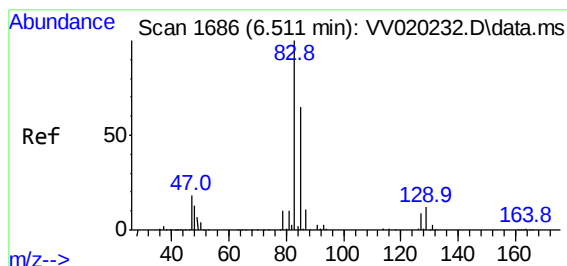
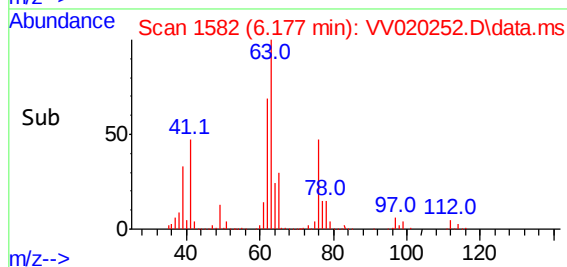
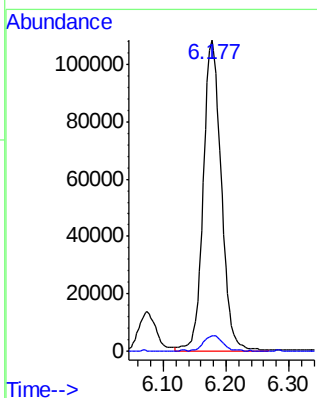
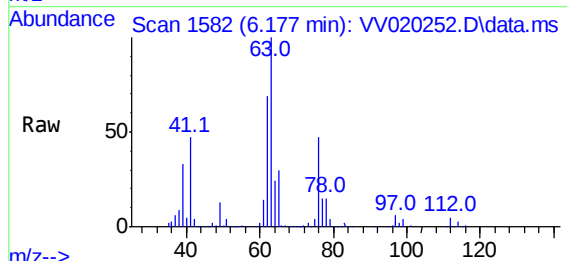




#37
1,2-Dichloropropane
Concen: 44.59 ug/L
RT: 6.177 min Scan# 1582
Delta R.T. 0.003 min
Lab File: VV020252.D
Acq: 02 Feb 2021 20:49

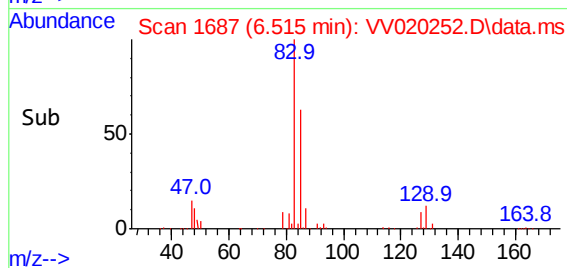
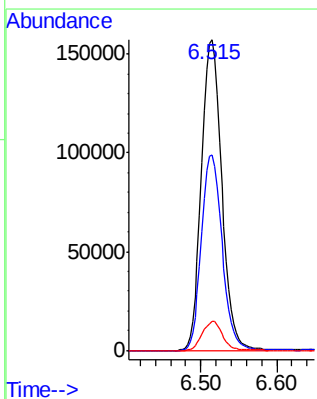
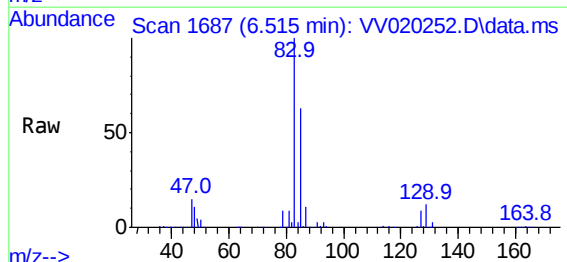
Instrument :
MSVOA_V
ClientSampleId :
VSTD05084

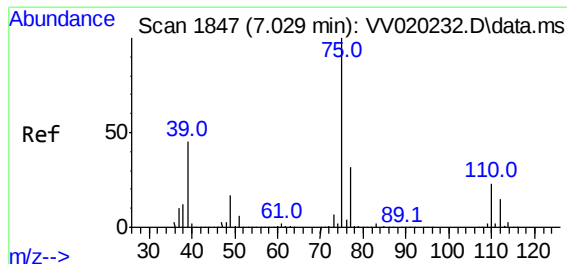
Tgt Ion: 63 Resp: 214592
Ion Ratio Lower Upper
63 100
112 5.2 3.3 4.9#



#38
Bromodichloromethane
Concen: 43.52 ug/L
RT: 6.515 min Scan# 1687
Delta R.T. 0.003 min
Lab File: VV020252.D
Acq: 02 Feb 2021 20:49

Tgt Ion: 83 Resp: 291800
Ion Ratio Lower Upper
83 100
85 62.7 44.5 82.7
127 9.3 6.3 9.5

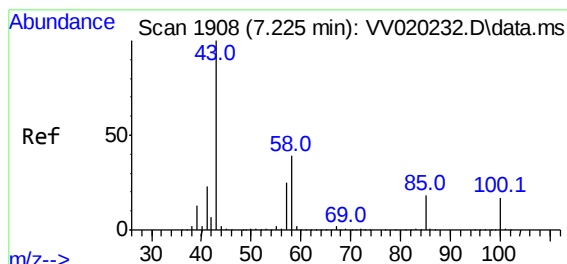
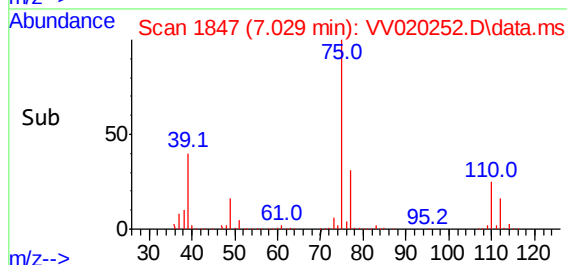
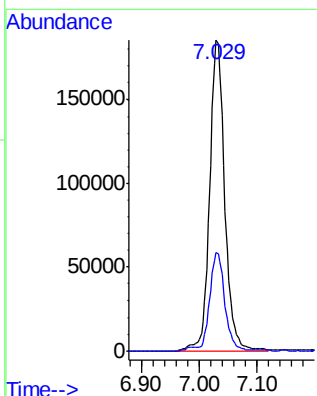
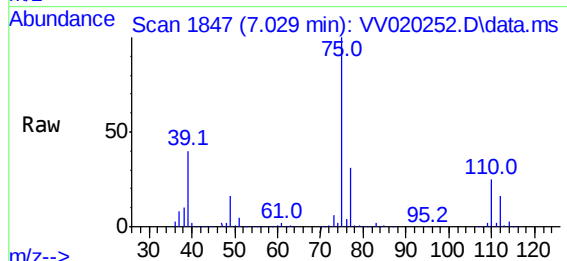




#39
 cis-1,3-Dichloropropene
 Concen: 43.25 ug/L
 RT: 7.029 min Scan# 1847
 Delta R.T. 0.000 min
 Lab File: VV020252.D
 Acq: 02 Feb 2021 20:49

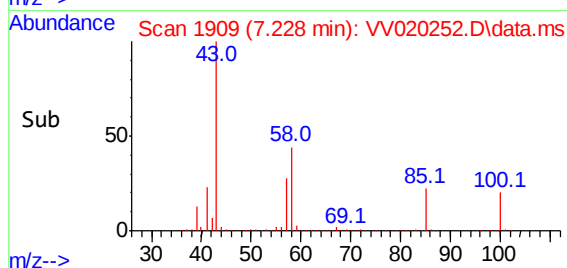
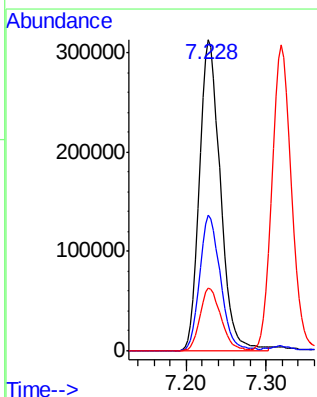
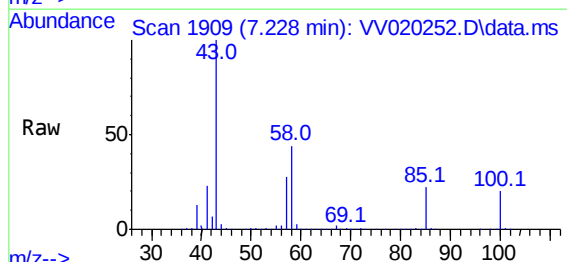
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05084

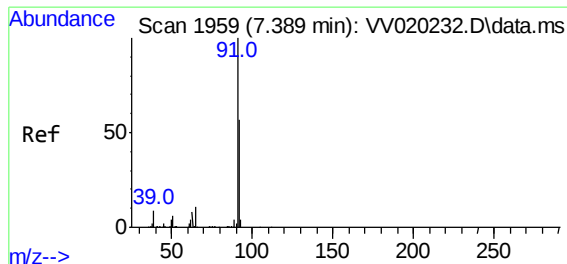
Tgt Ion: 75 Resp: 332926
 Ion Ratio Lower Upper
 75 100
 77 31.4 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 79.01 ug/L
 RT: 7.228 min Scan# 1909
 Delta R.T. 0.003 min
 Lab File: VV020252.D
 Acq: 02 Feb 2021 20:49

Tgt Ion: 43 Resp: 548418
 Ion Ratio Lower Upper
 43 100
 58 43.3 30.7 46.1
 100 19.8 11.6 17.4#

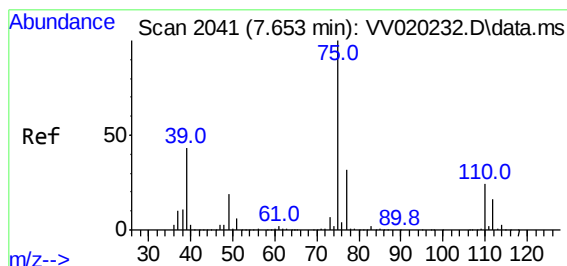
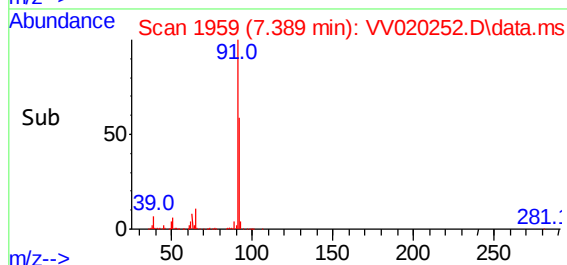
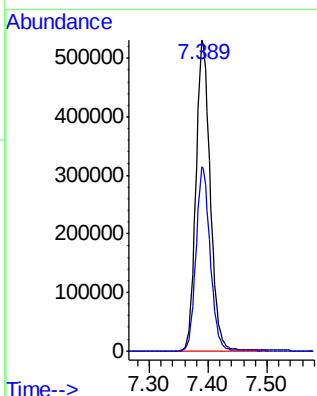
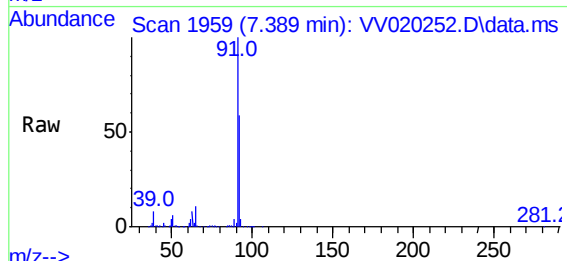




#42
Toluene
Concen: 44.43 ug/L
RT: 7.389 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VV020252.D
Acq: 02 Feb 2021 20:49

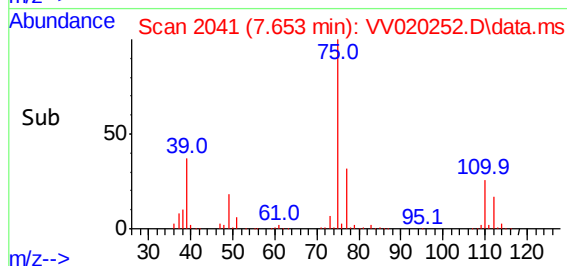
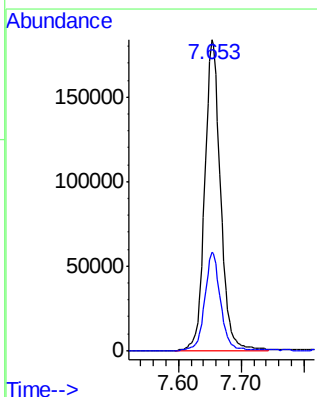
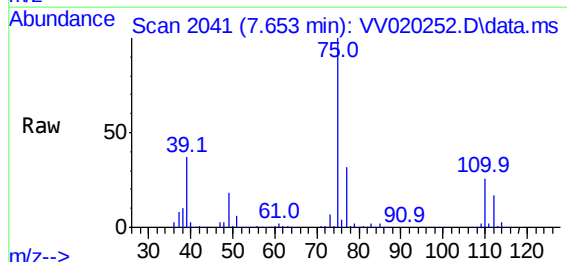
Instrument :
MSVOA_V
ClientSampleId :
VSTD05084

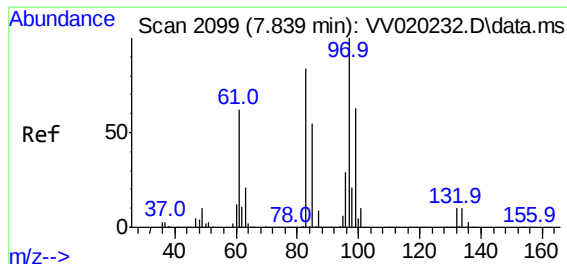
Tgt Ion: 91 Resp: 911678
Ion Ratio Lower Upper
91 100
92 59.2 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 43.13 ug/L
RT: 7.653 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VV020252.D
Acq: 02 Feb 2021 20:49

Tgt Ion: 75 Resp: 320607
Ion Ratio Lower Upper
75 100
77 31.8 22.0 41.0



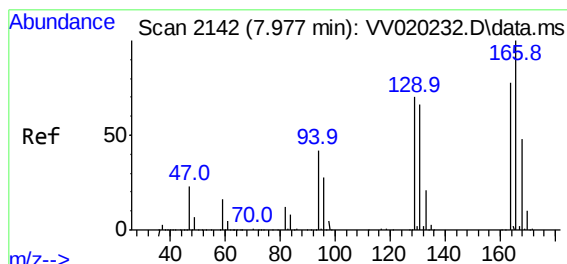
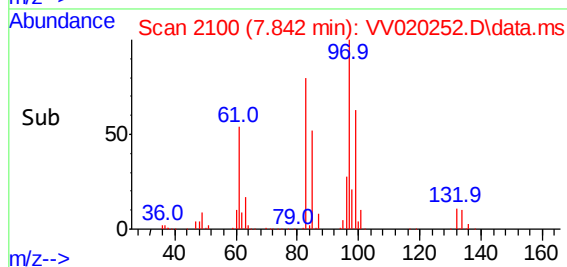
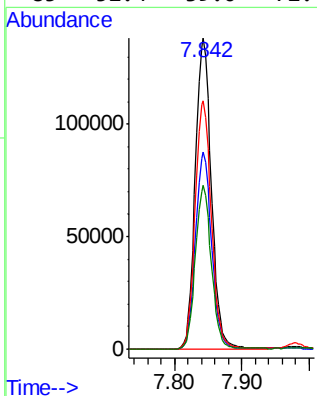
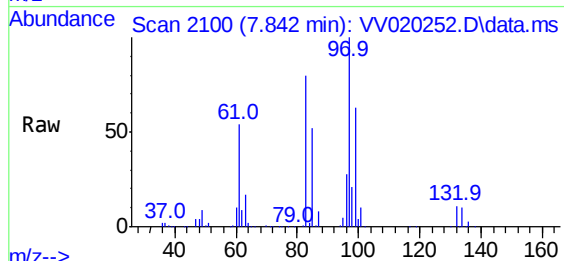


#45
1,1,2-Trichloroethane
Concen: 47.40 ug/L
RT: 7.842 min Scan# 2100
Delta R.T. 0.003 min
Lab File: VV020252.D
Acq: 02 Feb 2021 20:49

Instrument :
MSVOA_V
ClientSampleId :
VSTD05084

Tgt Ion: 97 Resp: 227747

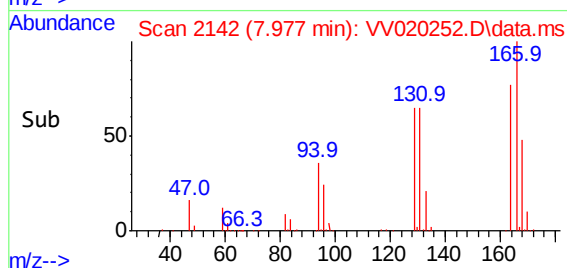
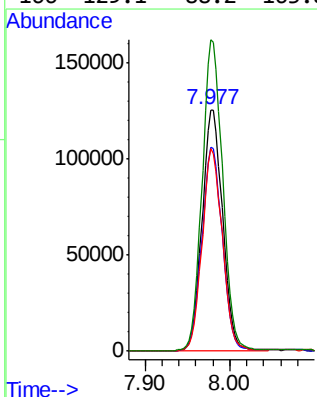
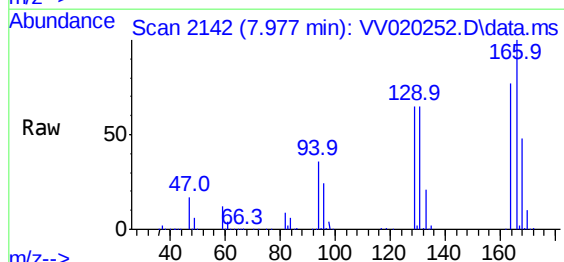
Ion	Ratio	Lower	Upper
97	100		
99	63.5	43.8	81.3
83	79.8	62.2	115.4
85	52.4	39.0	72.4

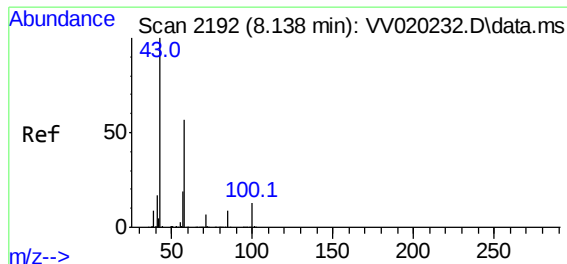


#46
Tetrachloroethene
Concen: 48.13 ug/L
RT: 7.977 min Scan# 2142
Delta R.T. 0.000 min
Lab File: VV020252.D
Acq: 02 Feb 2021 20:49

Tgt Ion: 164 Resp: 209289

Ion	Ratio	Lower	Upper
164	100		
129	84.4	70.6	131.0
131	83.9	66.8	124.0
166	129.1	88.2	163.8

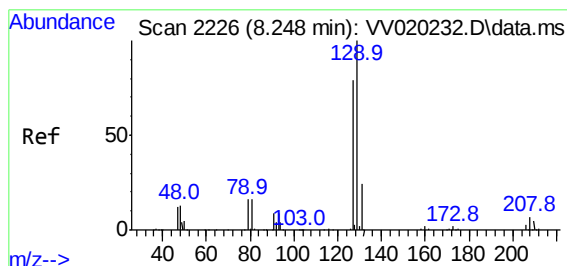
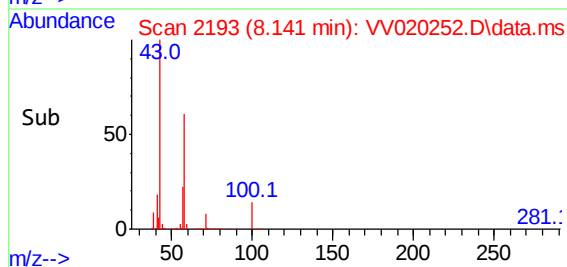
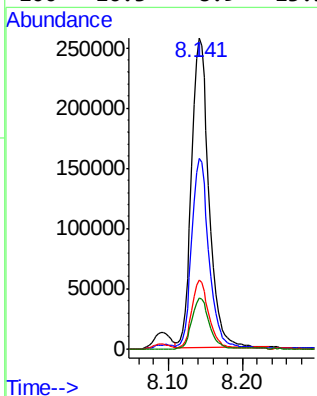
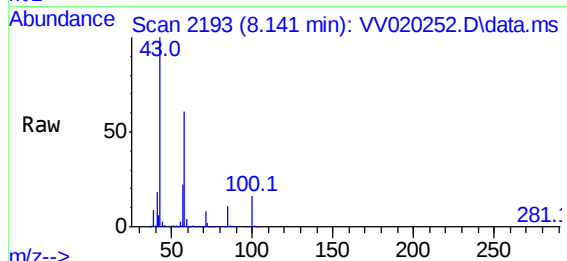




#48
2-Hexanone
Concen: 82.05 ug/L
RT: 8.141 min Scan# 2193
Delta R.T. 0.003 min
Lab File: VV020252.D
Acq: 02 Feb 2021 20:49

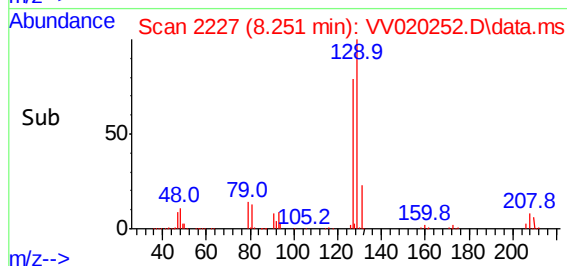
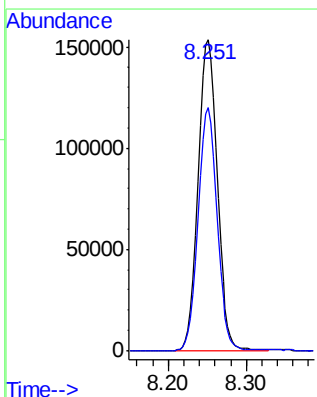
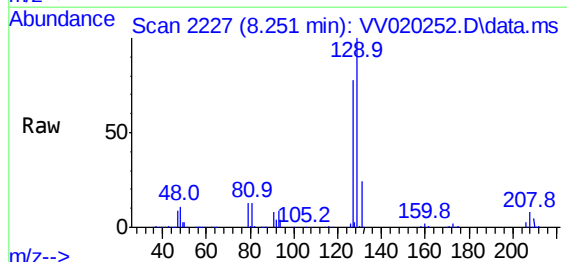
Instrument :
MSVOA_V
ClientSampleId :
VSTD05084

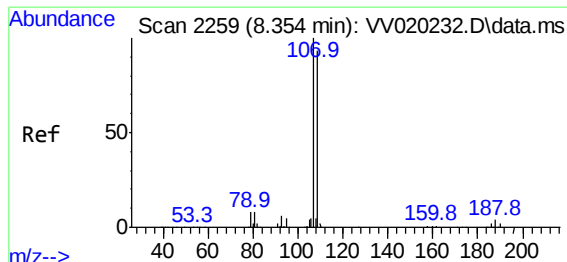
Tgt Ion: 43 Resp: 419317
Ion Ratio Lower Upper
43 100
58 60.8 41.8 62.6
57 21.9 15.0 22.4
100 16.3 8.9 13.3#



#49
Dibromochloromethane
Concen: 48.39 ug/L
RT: 8.251 min Scan# 2227
Delta R.T. 0.003 min
Lab File: VV020252.D
Acq: 02 Feb 2021 20:49

Tgt Ion: 129 Resp: 260948
Ion Ratio Lower Upper
129 100
127 78.0 55.2 102.6

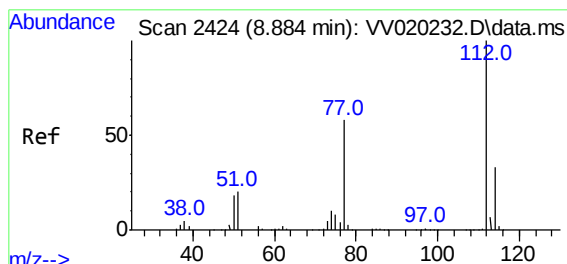
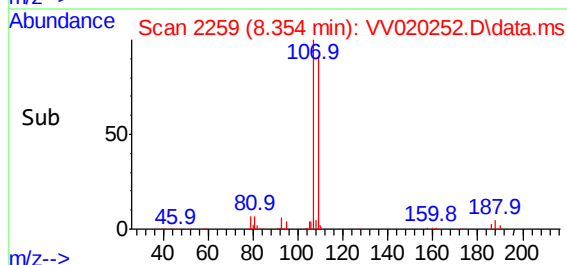
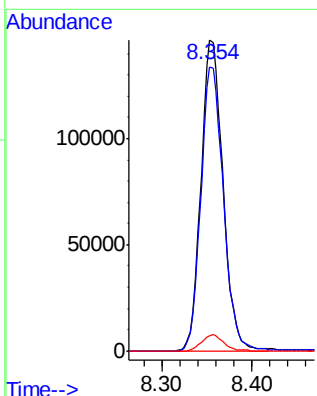
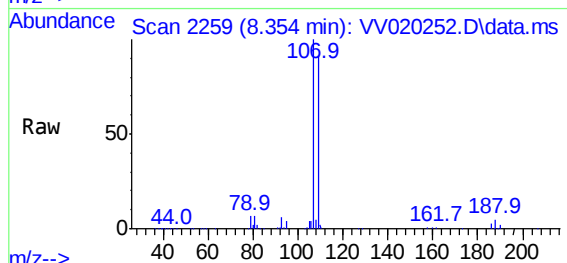




#50
1,2-Dibromoethane
Concen: 47.39 ug/L
RT: 8.354 min Scan# 2259
Delta R.T. 0.000 min
Lab File: VV020252.D
Acq: 02 Feb 2021 20:49

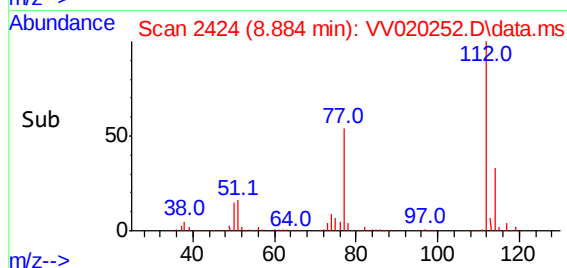
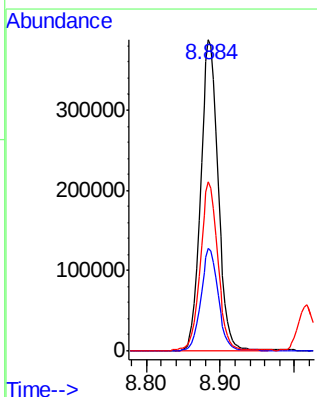
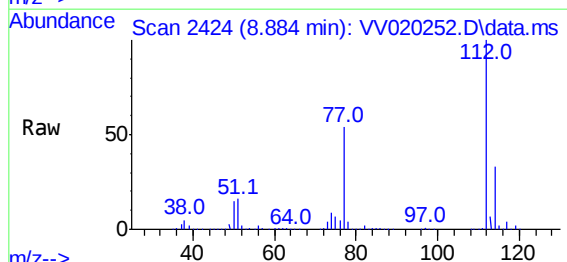
Instrument :
MSVOA_V
ClientSampleId :
VSTD05084

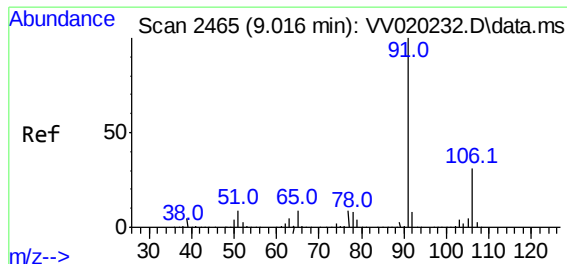
Tgt Ion:107 Resp: 246088
Ion Ratio Lower Upper
107 100
109 91.5 66.2 123.0
188 5.2 2.6 3.8#



#51
Chlorobenzene
Concen: 46.30 ug/L
RT: 8.884 min Scan# 2424
Delta R.T. 0.000 min
Lab File: VV020252.D
Acq: 02 Feb 2021 20:49

Tgt Ion:112 Resp: 629940
Ion Ratio Lower Upper
112 100
114 32.7 22.2 41.2
77 54.1 49.0 73.6

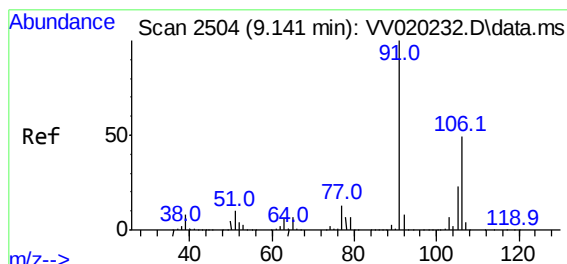
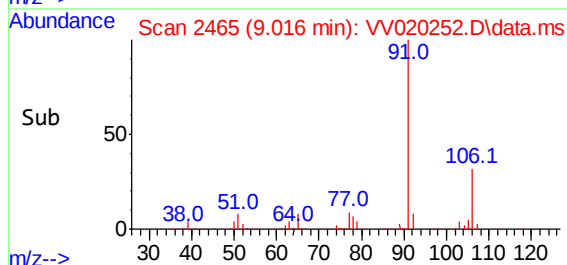
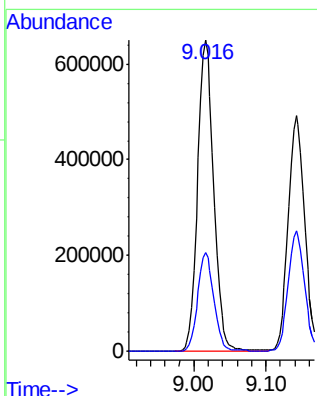
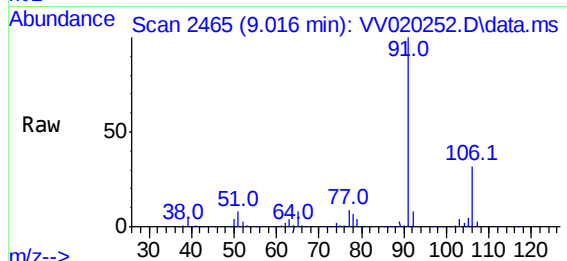




#52
Ethylbenzene
Concen: 45.57 ug/L
RT: 9.016 min Scan# 2465
Delta R.T. 0.000 min
Lab File: VV020252.D
Acq: 02 Feb 2021 20:49

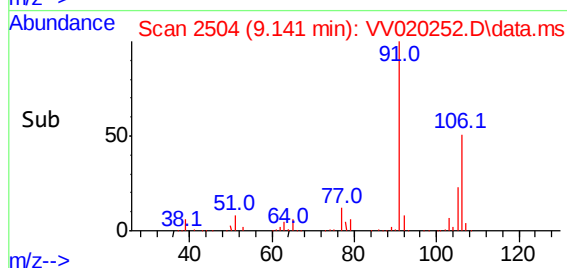
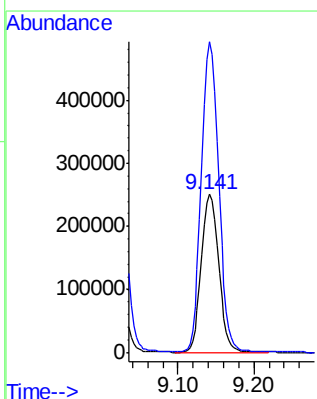
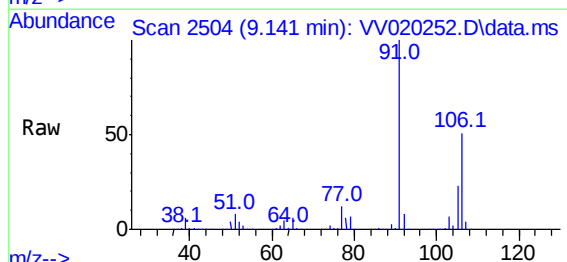
Instrument :
MSVOA_V
ClientSampleId :
VSTD05084

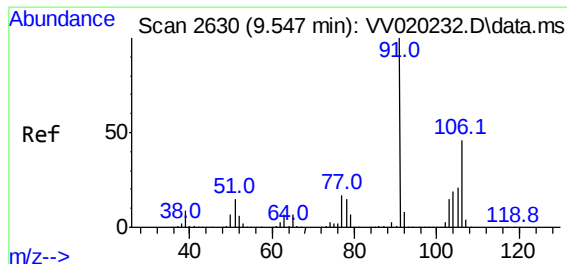
Tgt Ion: 91 Resp: 1002180
Ion Ratio Lower Upper
91 100
106 31.7 21.0 39.0



#53
m,p-Xylene
Concen: 46.16 ug/L
RT: 9.141 min Scan# 2504
Delta R.T. 0.000 min
Lab File: VV020252.D
Acq: 02 Feb 2021 20:49

Tgt Ion: 106 Resp: 395345
Ion Ratio Lower Upper
106 100
91 196.9 148.1 275.0

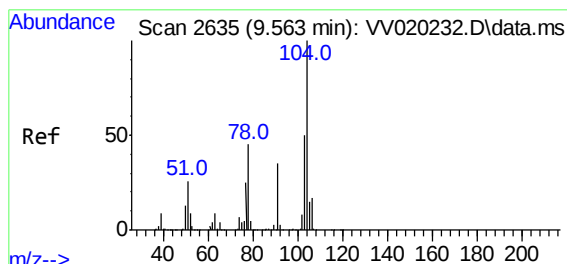
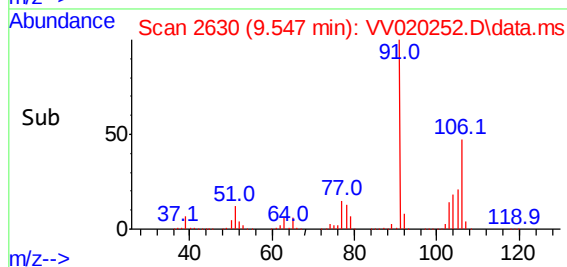
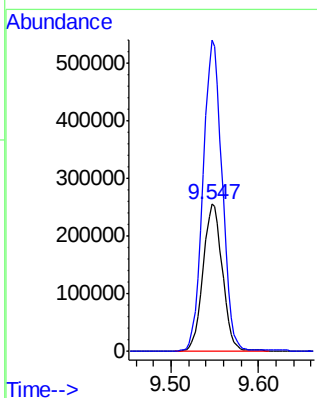
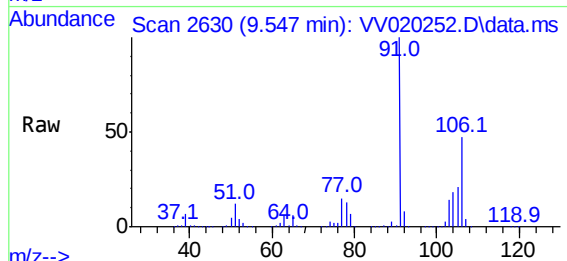




#54
o-xylene
Concen: 47.75 ug/L
RT: 9.547 min Scan# 2630
Delta R.T. 0.000 min
Lab File: VV020252.D
Acq: 02 Feb 2021 20:49

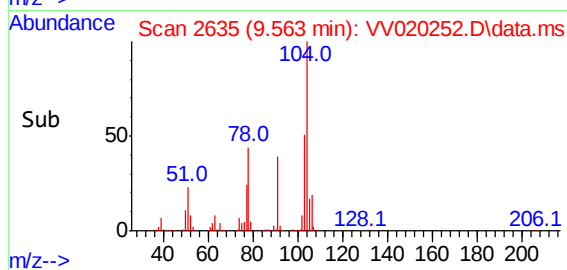
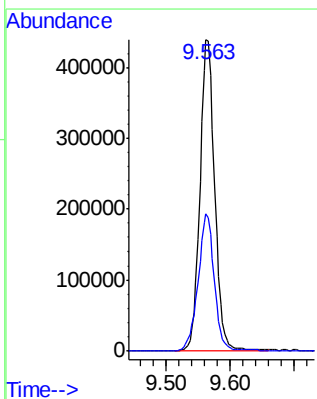
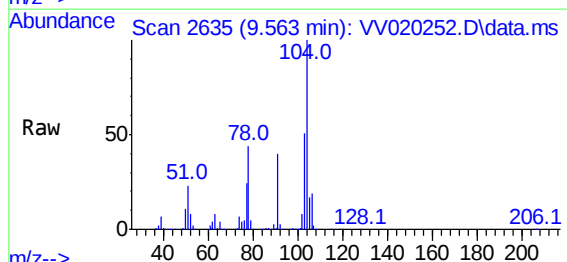
Instrument :
MSVOA_V
ClientSampleId :
VSTD05084

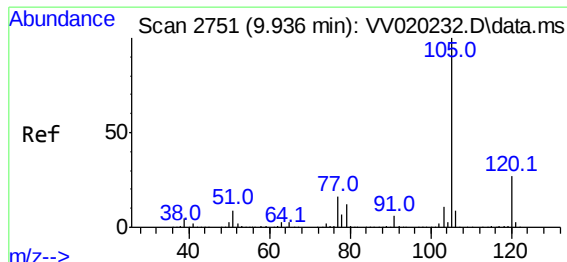
Tgt Ion:106 Resp: 388778
Ion Ratio Lower Upper
106 100
91 211.7 156.4 290.6



#55
Styrene
Concen: 48.28 ug/L
RT: 9.563 min Scan# 2635
Delta R.T. 0.000 min
Lab File: VV020252.D
Acq: 02 Feb 2021 20:49

Tgt Ion:104 Resp: 692455
Ion Ratio Lower Upper
104 100
78 44.0 33.7 62.5

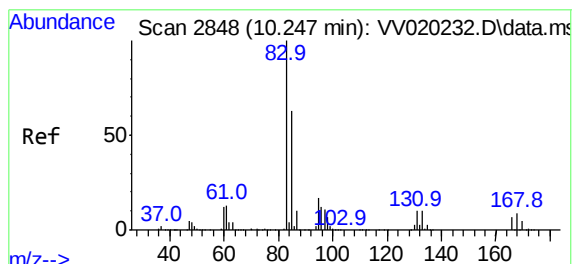
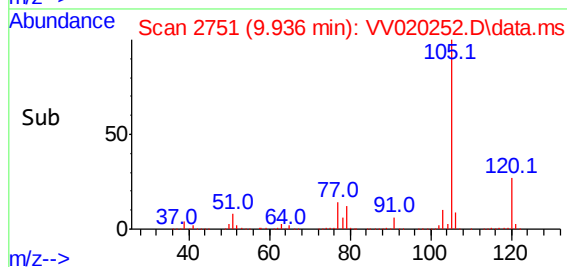
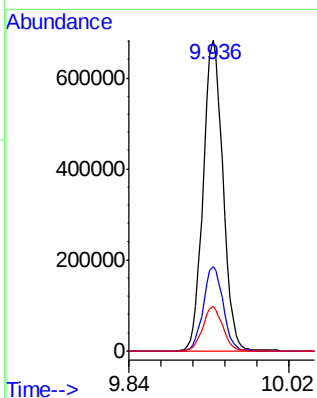
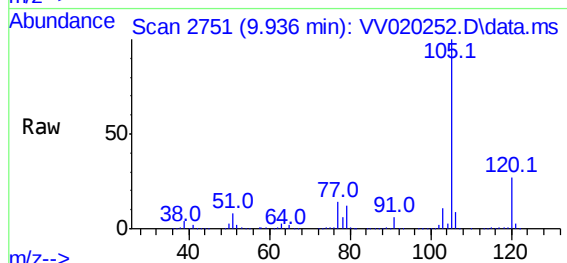




#56
Isopropylbenzene
Concen: 46.79 ug/L
RT: 9.936 min Scan# 2751
Delta R.T. 0.000 min
Lab File: VV020252.D
Acq: 02 Feb 2021 20:49

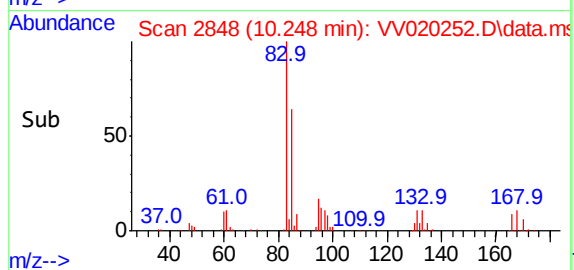
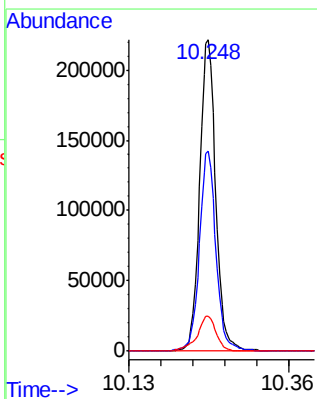
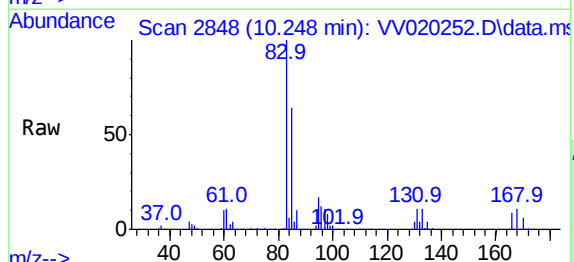
Instrument :
MSVOA_V
ClientSampleId :
VSTD05084

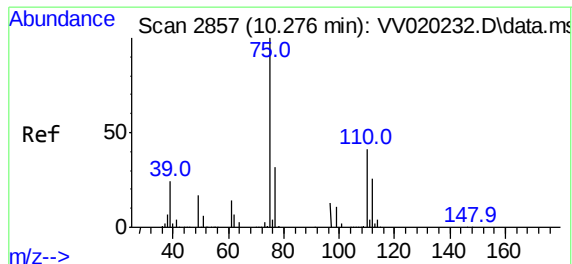
Tgt Ion:105 Resp: 1026093
Ion Ratio Lower Upper
105 100
120 27.1 20.5 30.7
77 14.4 13.6 20.4



#58
1,1,2,2-Tetrachloroethane
Concen: 44.96 ug/L
RT: 10.248 min Scan# 2848
Delta R.T. 0.000 min
Lab File: VV020252.D
Acq: 02 Feb 2021 20:49

Tgt Ion: 83 Resp: 354791
Ion Ratio Lower Upper
83 100
85 64.2 44.3 82.3
131 11.0 7.3 10.9#

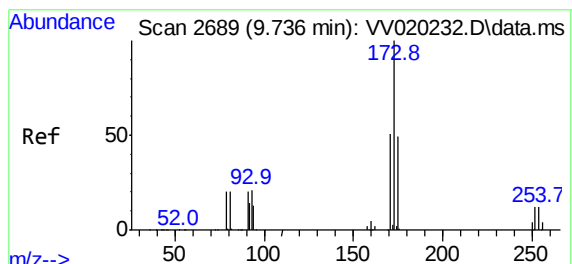
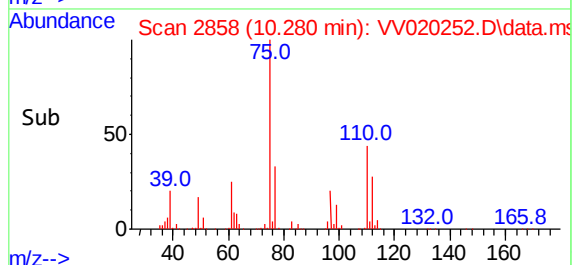
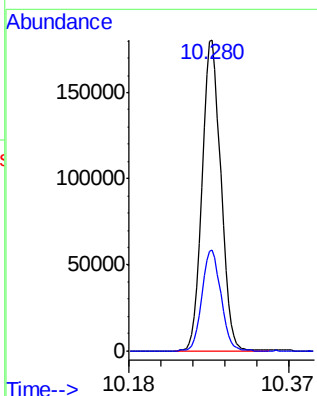
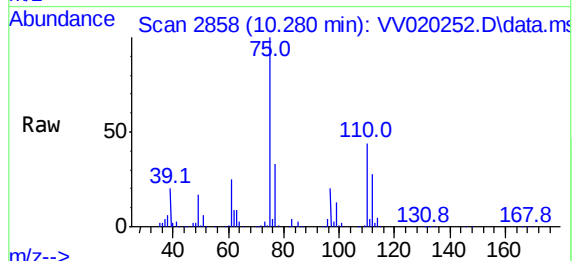




#59
1,2,3-Trichloropropane
Concen: 44.12 ug/L
RT: 10.280 min Scan# 2858
Delta R.T. 0.003 min
Lab File: VV020252.D
Acq: 02 Feb 2021 20:49

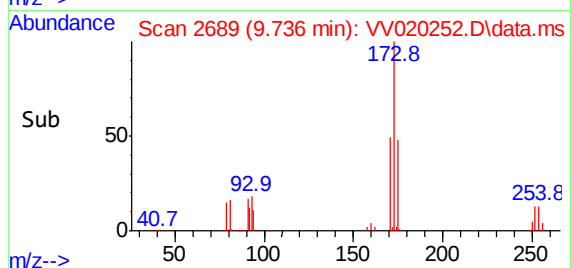
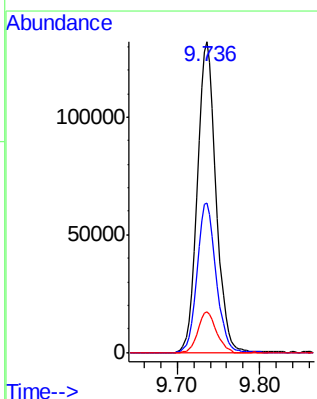
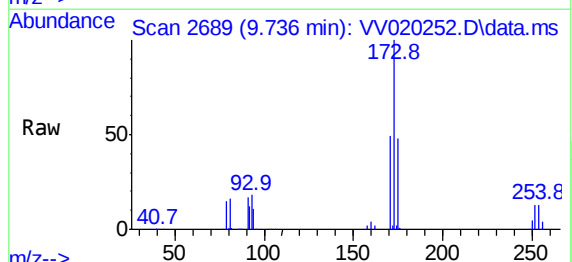
Instrument :
MSVOA_V
ClientSampleId :
VSTD05084

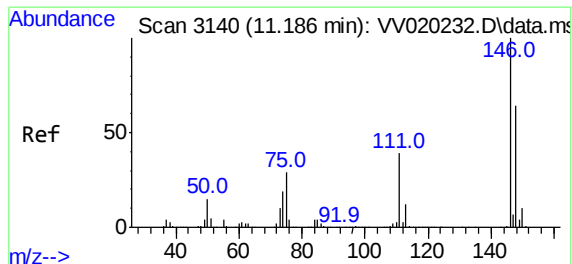
Tgt Ion: 75 Resp: 283353
Ion Ratio Lower Upper
75 100
77 32.7 25.4 38.0



#61
Bromoform
Concen: 48.59 ug/L
RT: 9.736 min Scan# 2689
Delta R.T. 0.000 min
Lab File: VV020252.D
Acq: 02 Feb 2021 20:49

Tgt Ion: 173 Resp: 209903
Ion Ratio Lower Upper
173 100
175 49.0 38.6 57.8
254 12.8 6.5 9.7#

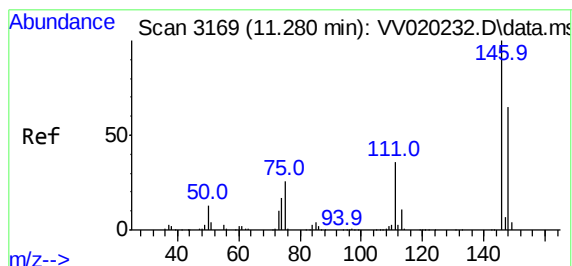
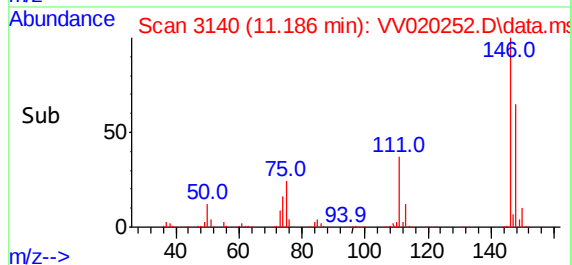
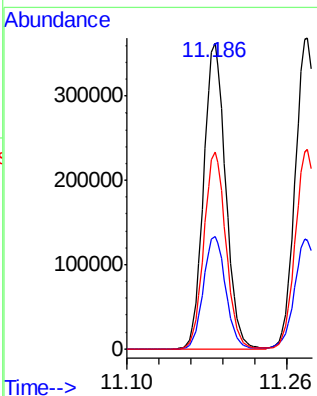
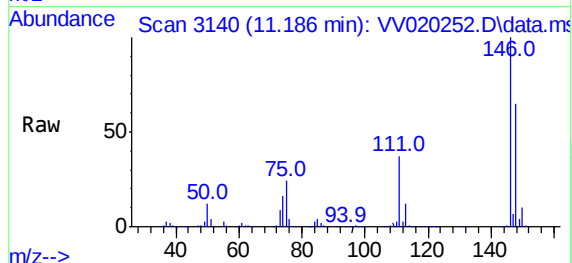




#62
1,3-Dichlorobenzene
Concen: 47.66 ug/L
RT: 11.186 min Scan# 3140
Delta R.T. 0.000 min
Lab File: VV020252.D
Acq: 02 Feb 2021 20:49

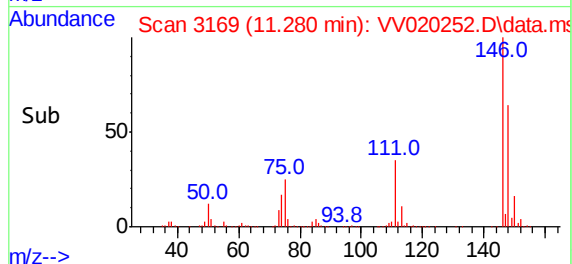
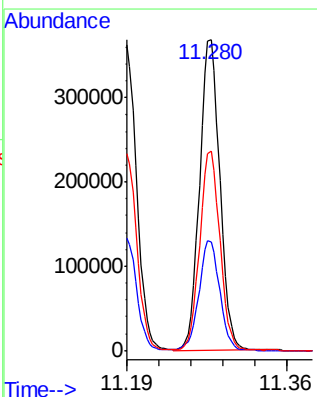
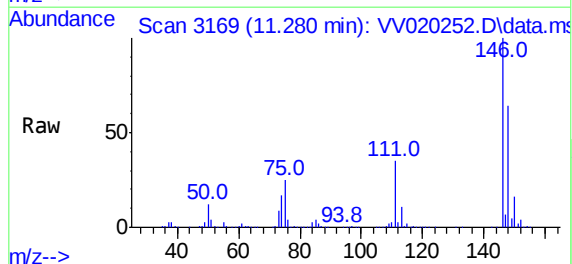
Instrument :
MSVOA_V
ClientSampleId :
VSTD05084

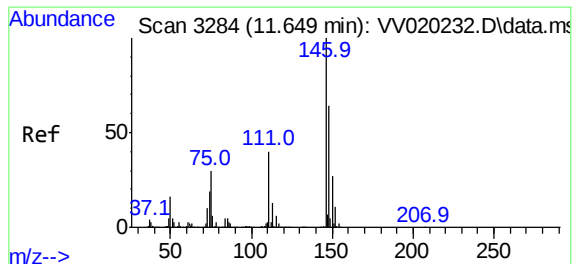
Tgt Ion:146 Resp: 554694
Ion Ratio Lower Upper
146 100
111 36.8 30.2 56.2
148 64.6 45.0 83.6



#63
1,4-Dichlorobenzene
Concen: 47.13 ug/L
RT: 11.280 min Scan# 3169
Delta R.T. 0.000 min
Lab File: VV020252.D
Acq: 02 Feb 2021 20:49

Tgt Ion:146 Resp: 568590
Ion Ratio Lower Upper
146 100
111 35.1 29.4 54.6
148 64.0 44.7 83.1

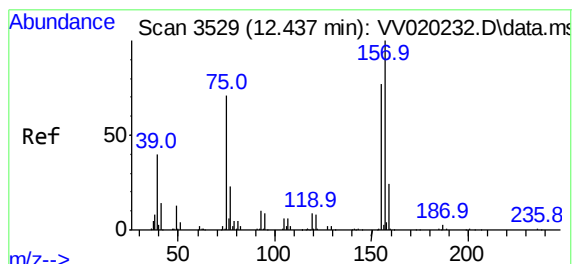
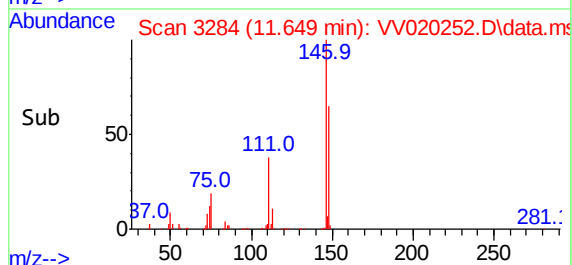
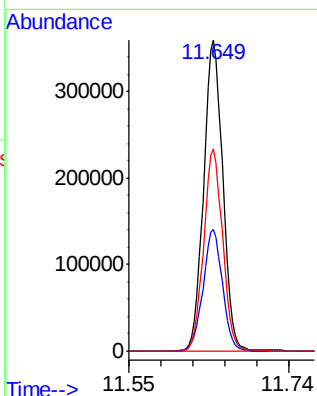
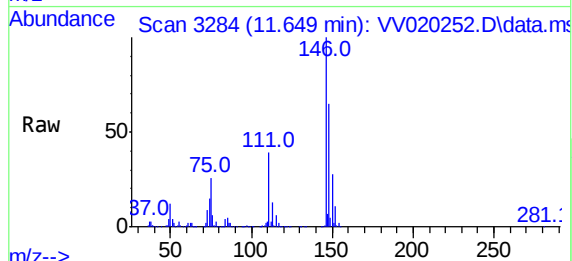




#65
1,2-Dichlorobenzene
Concen: 46.15 ug/L
RT: 11.649 min Scan# 3284
Delta R.T. 0.000 min
Lab File: VV020252.D
Acq: 02 Feb 2021 20:49

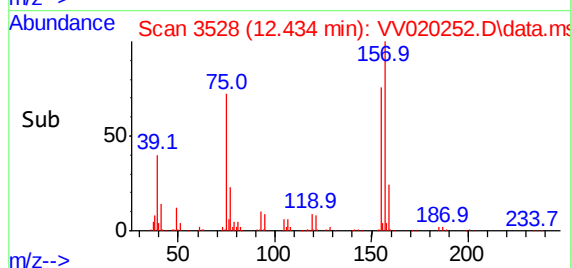
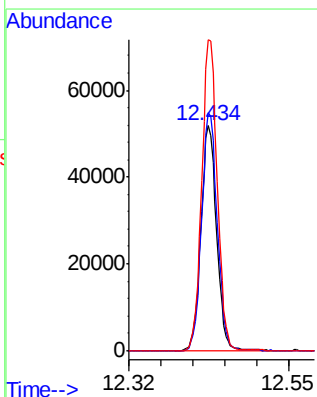
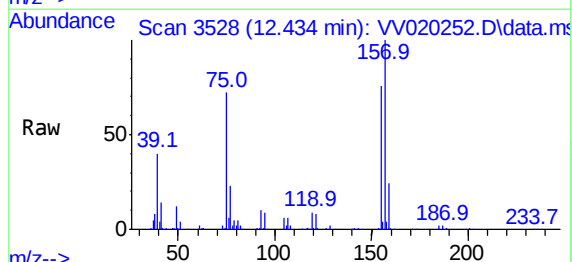
Instrument :
MSVOA_V
ClientSampleId :
VSTD05084

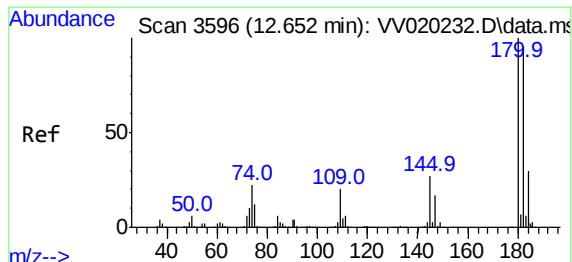
Tgt Ion:146 Resp: 559363
Ion Ratio Lower Upper
146 100
111 39.2 36.3 54.5
148 65.0 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 42.48 ug/L
RT: 12.434 min Scan# 3528
Delta R.T. -0.003 min
Lab File: VV020252.D
Acq: 02 Feb 2021 20:49

Tgt Ion: 75 Resp: 81385
Ion Ratio Lower Upper
75 100
155 105.7 59.1 88.7#
157 138.5 75.4 113.0#

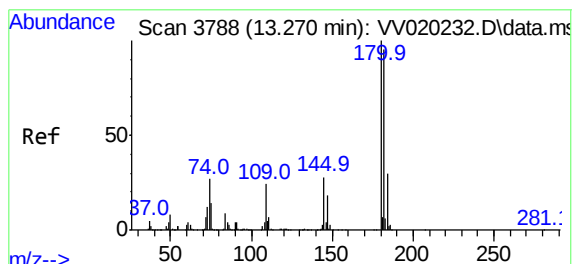
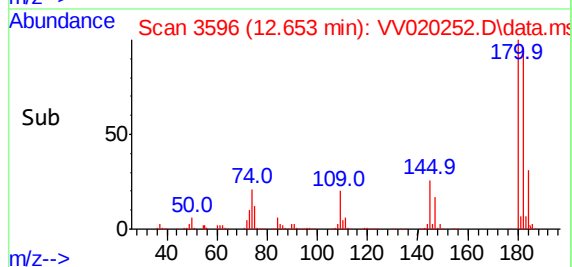
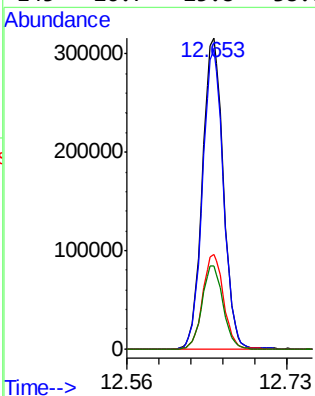
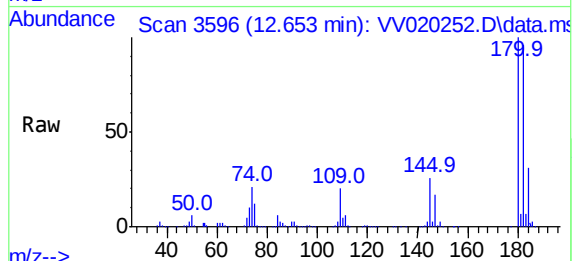




#67
 1,3,5-Trichlorobenzene
 Concen: 46.35 ug/L
 RT: 12.653 min Scan# 3596
 Delta R.T. 0.000 min
 Lab File: VV020252.D
 Acq: 02 Feb 2021 20:49

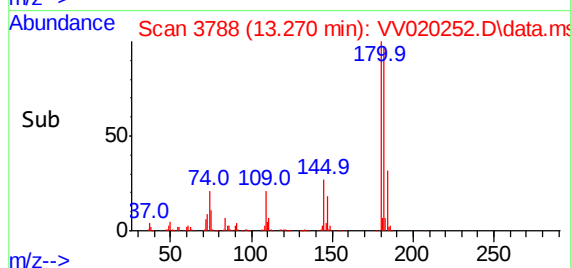
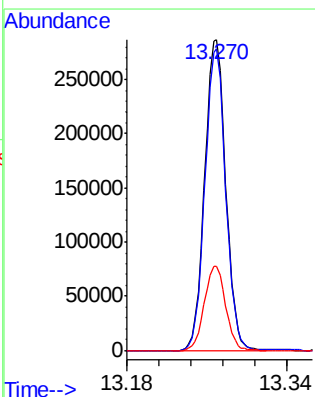
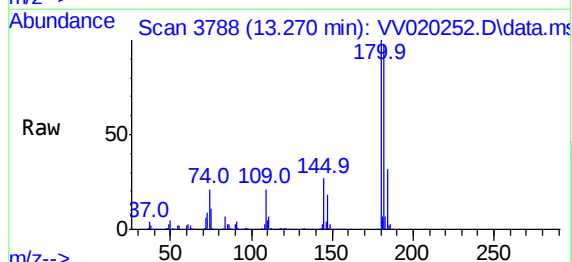
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05084

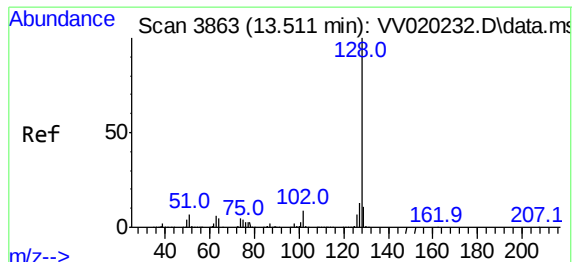
Tgt Ion:	180	Resp:	471647
Ion Ratio	Lower	Upper	
180	100		
182	96.2	75.0	112.6
184	30.2	24.0	36.0
145	26.7	25.8	38.6



#68
 1,2,4-trichlorobenzene
 Concen: 46.72 ug/L
 RT: 13.270 min Scan# 3788
 Delta R.T. 0.000 min
 Lab File: VV020252.D
 Acq: 02 Feb 2021 20:49

Tgt Ion:	180	Resp:	432502
Ion Ratio	Lower	Upper	
180	100		
182	96.0	75.1	112.7
145	27.5	26.8	40.2

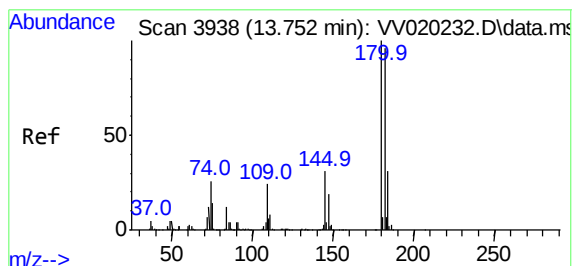
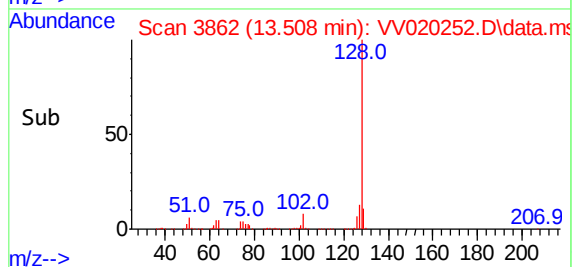
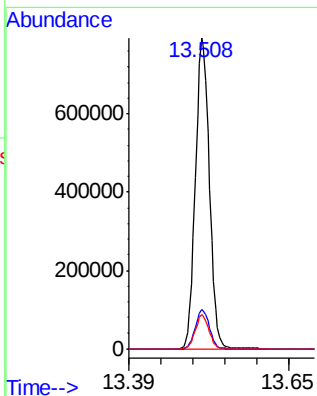
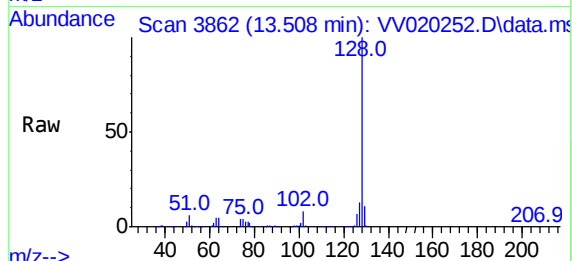




#69
Naphthalene
Concen: 45.81 ug/L
RT: 13.508 min Scan# 3862
Delta R.T. -0.003 min
Lab File: VV020252.D
Acq: 02 Feb 2021 20:49

Instrument :
MSVOA_V
ClientSampleId :
VSTD05084

Tgt Ion:128 Resp: 1211188
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.6 8.6 13.0



#70
1,2,3-Trichlorobenzene
Concen: 47.68 ug/L
RT: 13.752 min Scan# 3938
Delta R.T. 0.000 min
Lab File: VV020252.D
Acq: 02 Feb 2021 20:49

Tgt Ion:180 Resp: 438848
Ion Ratio Lower Upper
180 100
182 95.6 76.1 114.1
145 29.5 27.9 41.9

