

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011321\
 Data File : VW019990.D
 Acq On : 13 Jan 2021 16:45
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05065

Quant Time: Jan 13 17:29:13 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM011121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 13 13:06:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	368553	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.859	117	364960	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	199955	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	131137	42.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.36%
7) Chloroethane-d5	1.570	69	118235	47.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.30%
11) 1,1-Dichloroethene-d2	2.110	63	278471	45.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.96%
21) 2-Butanone-d5	3.891	46	197715	98.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.04%
24) Chloroform-d	4.354	84	258978	46.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.50%
26) 1,2-Dichloroethane-d4	5.036	65	180406	47.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.78%
32) Benzene-d6	5.055	84	461077	44.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.52%
36) 1,2-Dichloropropane-d6	6.074	67	144226	44.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.70%
41) Toluene-d8	7.322	98	418281	44.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.62%
43) trans-1,3-Dichloroprop...	7.624	79	73478	44.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.06%
47) 2-Hexanone-d5	8.093	63	125039	96.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.98%
57) 1,1,2,2-Tetrachloroeth...	10.222	84	206139	47.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.82%
64) 1,2-Dichlorobenzene-d4	11.630	152	174660	45.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.44%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.129	85	165307	46.42	ug/L	100
3) Chloromethane	1.242	50	160802	47.11	ug/L	100
5) Vinyl chloride	1.312	62	160173	46.37	ug/L	100
6) Bromomethane	1.525	94	99395	46.14	ug/L	96
8) Chloroethane	1.586	64	104703	49.25	ug/L	98
9) Trichlorofluoromethane	1.753	101	236848	48.81	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	132911	49.31	ug/L	97
12) 1,1-Dichloroethene	2.119	96	124698	47.97	ug/L	92
13) Acetone	2.184	43	166402	93.39	ug/L	97
14) Carbon disulfide	2.296	76	341938	44.28	ug/L	99
15) Methyl Acetate	2.434	43	142335	47.07	ug/L	100
16) Methylene chloride	2.508	84	132341	47.91	ug/L	99
17) trans-1,2-Dichloroethene	2.762	96	121328	46.57	ug/L	98
18) Methyl tert-butyl Ether	2.772	73	391671	46.17	ug/L	98
19) 1,1-Dichloroethane	3.193	63	234946	47.16	ug/L	99
20) cis-1,2-Dichloroethene	3.917	96	128981	46.36	ug/L	96
22) 2-Butanone	3.975	43	205578	95.76	ug/L	98
23) Bromochloromethane	4.251	128	66756	45.91	ug/L	94
25) Chloroform	4.380	83	243056	46.41	ug/L	99

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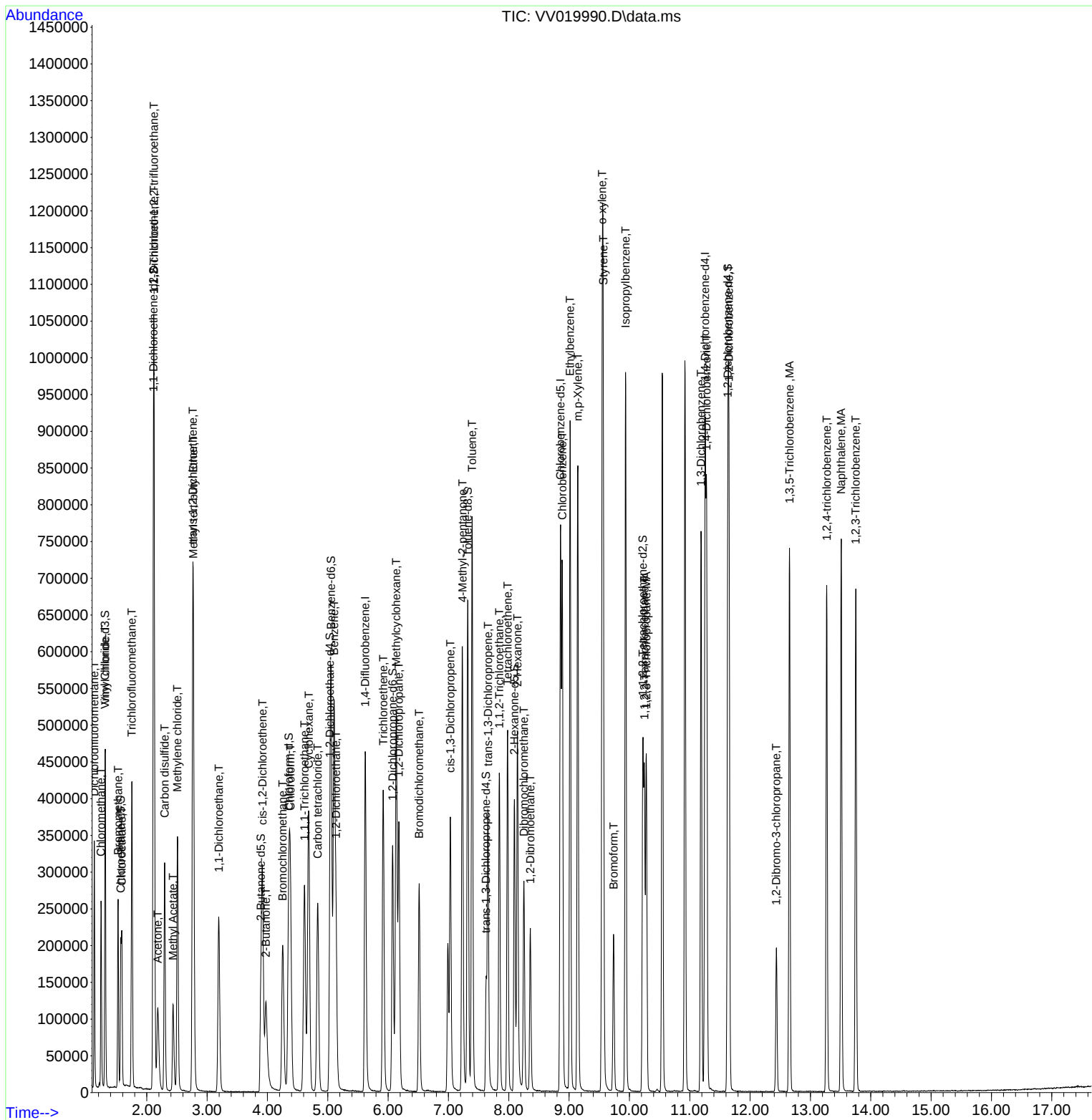
Instrument :
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 ClientSampleId :
 VSTD05065

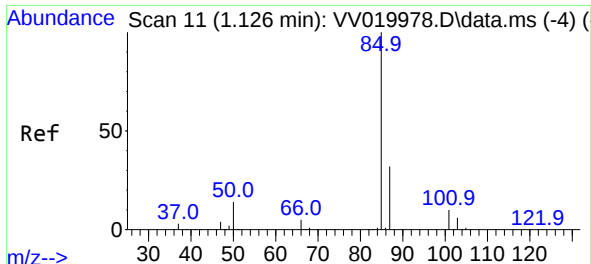
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 Quant Title : VOC Analysis
 QLast Update : Wed Jan 13 13:06:01 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.135	62	207892	47.51	ug/L	99
29) Cyclohexane	4.685	56	197451	45.76	ug/L	97
30) 1,1,1-Trichloroethane	4.614	97	220247	45.88	ug/L	99
31) Carbon tetrachloride	4.833	117	185292	45.27	ug/L	100
33) Benzene	5.103	78	492839	46.52	ug/L	100
34) Trichloroethene	5.920	95	137695	45.35	ug/L	98
35) Methylcyclohexane	6.135	83	199942	46.09	ug/L	98
37) 1,2-Dichloropropane	6.177	63	129454	47.11	ug/L	99
38) Bromodichloromethane	6.515	83	177937	44.83	ug/L	99
39) cis-1,3-Dichloropropene	7.032	75	197879	45.98	ug/L	98
40) 4-Methyl-2-pentanone	7.232	43	389160	92.16	ug/L	99
42) Toluene	7.392	91	522711	46.33	ug/L	99
44) trans-1,3-Dichloropropene	7.656	75	200029	45.82	ug/L	100
45) 1,1,2-Trichloroethane	7.843	97	123570	45.75	ug/L	98
46) Tetrachloroethene	7.981	164	98525	45.20	ug/L	97
48) 2-Hexanone	8.145	43	307294	92.51	ug/L	99
49) Dibromochloromethane	8.251	129	132999	44.59	ug/L	98
50) 1,2-Dibromoethane	8.357	107	133729	46.14	ug/L	97
51) Chlorobenzene	8.888	112	338142	45.25	ug/L	100
52) Ethylbenzene	9.016	91	589296	45.99	ug/L	100
53) m,p-Xylene	9.145	106	219421	46.89	ug/L	100
54) o-xylene	9.550	106	211085	45.82	ug/L	97
55) Styrene	9.566	104	377957	47.45	ug/L	98
56) Isopropylbenzene	9.936	105	583818	46.85	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.248	83	193411	45.74	ug/L	99
59) 1,2,3-Trichloropropane	10.280	75	170302	45.57	ug/L	99
61) Bromoform	9.736	173	85647	42.07	ug/L	99
62) 1,3-Dichlorobenzene	11.187	146	272738	45.46	ug/L	99
63) 1,4-Dichlorobenzene	11.280	146	279030	45.32	ug/L	98
65) 1,2-Dichlorobenzene	11.650	146	274971	45.49	ug/L	98
66) 1,2-Dibromo-3-chloropr...	12.434	75	44240	42.08	ug/L	98
67) 1,3,5-Trichlorobenzene	12.653	180	201480	44.71	ug/L	99
68) 1,2,4-trichlorobenzene	13.270	180	180585	45.33	ug/L	98
69) Naphthalene	13.511	128	529369	45.94	ug/L	99
70) 1,2,3-Trichlorobenzene	13.752	180	178764	46.23	ug/L	100

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

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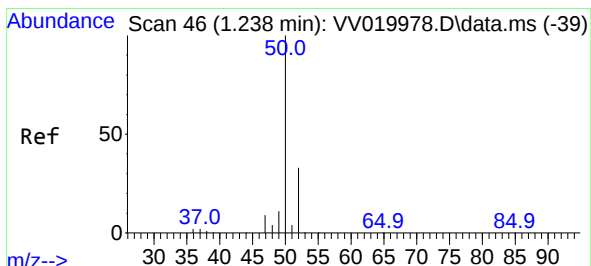
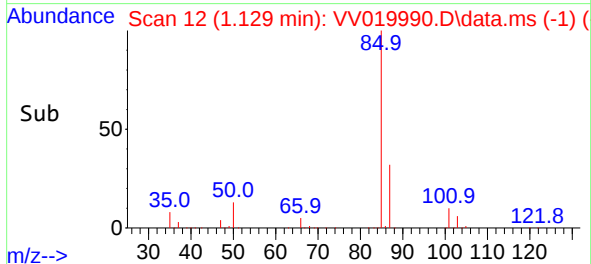
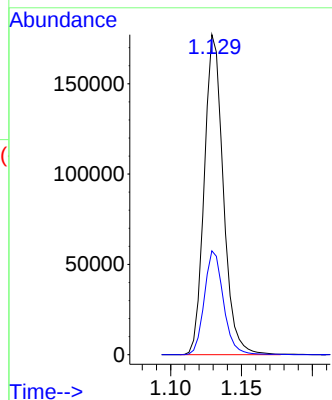
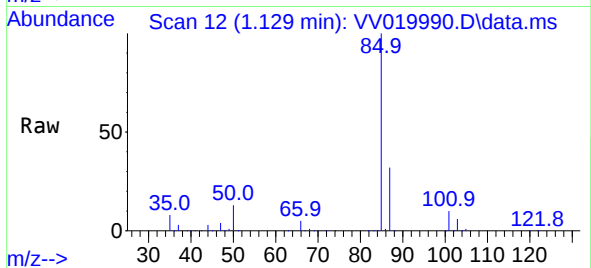




#2
Dichlorodifluoromethane
Concen: 46.42 ug/L
RT: 1.129 min Scan# 12
Delta R.T. 0.003 min
Lab File: VV019990.D
Acq: 13 Jan 2021 16:45

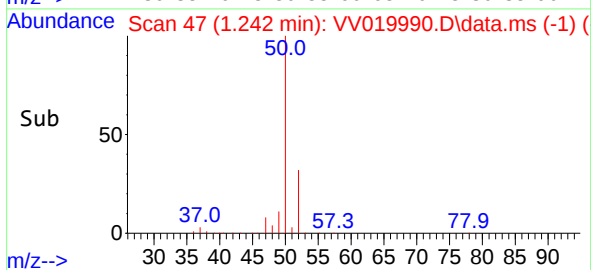
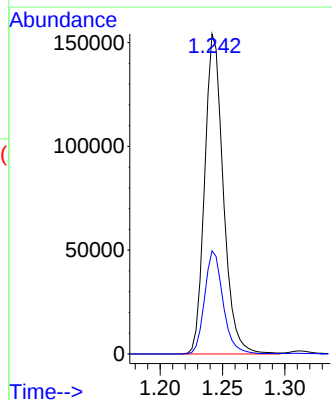
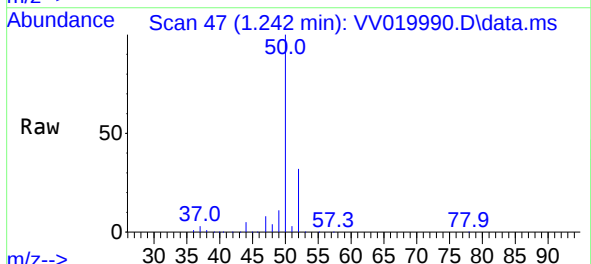
Instrument :
MSVOA_V
ClientSampleId :
VSTD05065

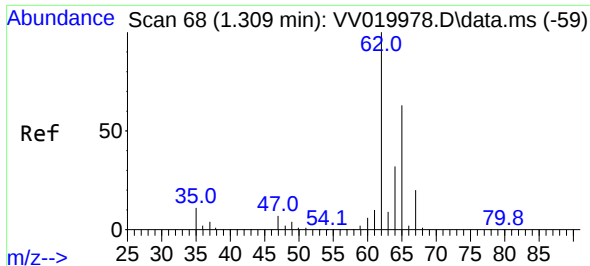
Tgt Ion: 85 Resp: 165307
Ion Ratio Lower Upper
85 100
87 32.5 25.9 38.9



#3
Chloromethane
Concen: 47.11 ug/L
RT: 1.242 min Scan# 47
Delta R.T. 0.003 min
Lab File: VV019990.D
Acq: 13 Jan 2021 16:45

Tgt Ion: 50 Resp: 160802
Ion Ratio Lower Upper
50 100
52 32.2 22.7 42.1

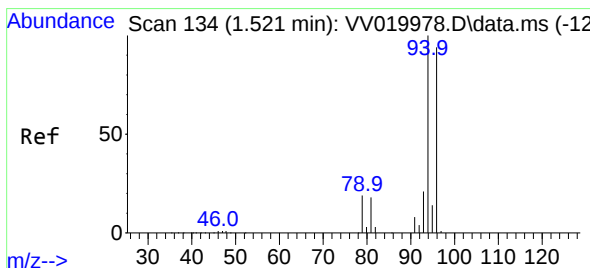
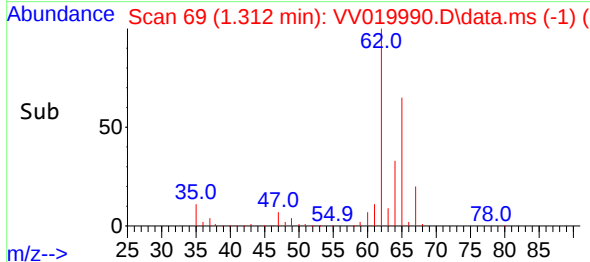
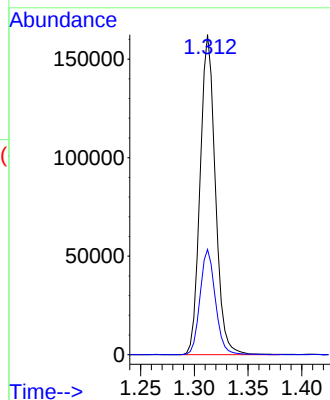
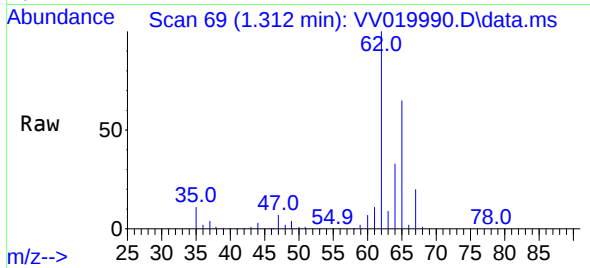




#5
 Vinyl chloride
 Concen: 46.37 ug/L
 RT: 1.312 min Scan# 69
 Delta R.T. 0.003 min
 Lab File: VV019990.D
 Acq: 13 Jan 2021 16:45

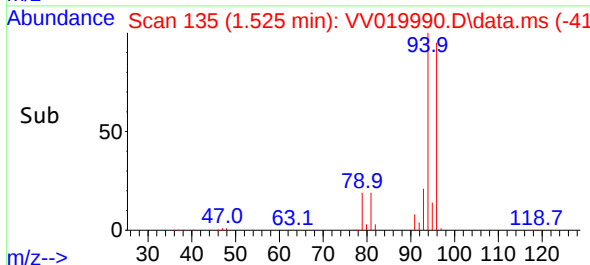
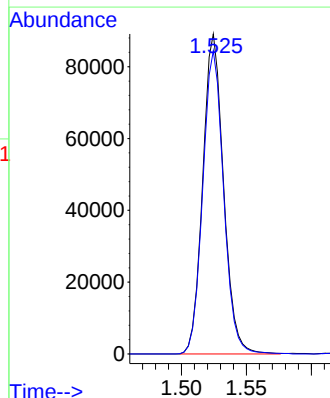
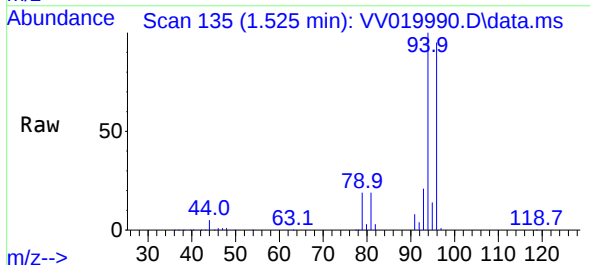
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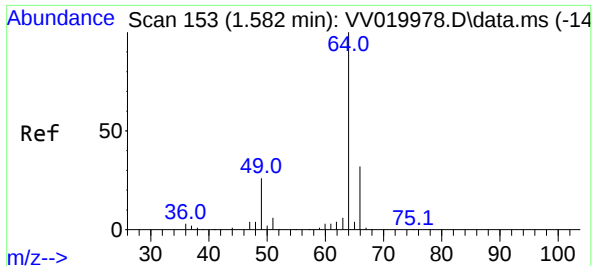
Tgt Ion: 62 Resp: 160173
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.0 42.6



#6
 Bromomethane
 Concen: 46.14 ug/L
 RT: 1.525 min Scan# 135
 Delta R.T. 0.003 min
 Lab File: VV019990.D
 Acq: 13 Jan 2021 16:45

Tgt Ion: 94 Resp: 99395
 Ion Ratio Lower Upper
 94 100
 96 94.7 63.6 118.2

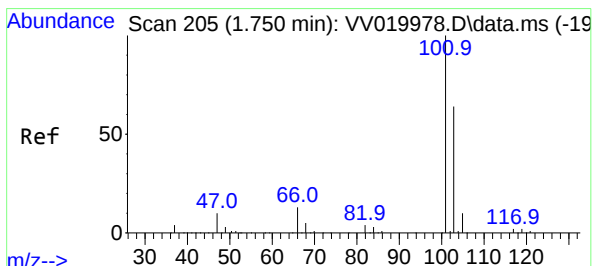
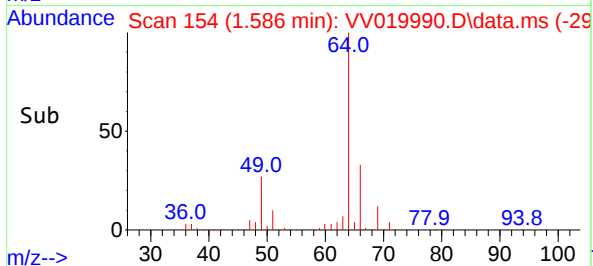
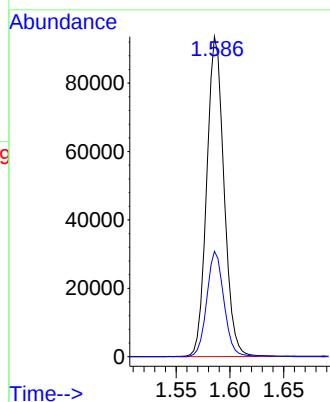
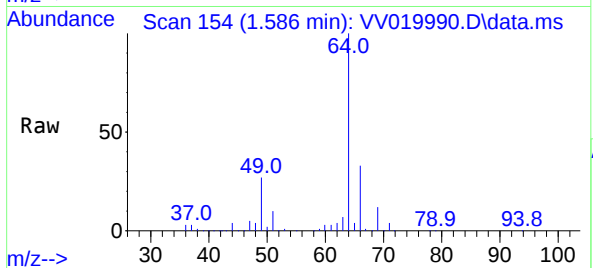




#8
Chloroethane
Concen: 49.25 ug/L
RT: 1.586 min Scan# 154
Delta R.T. 0.003 min
Lab File: VV019990.D
Acq: 13 Jan 2021 16:45

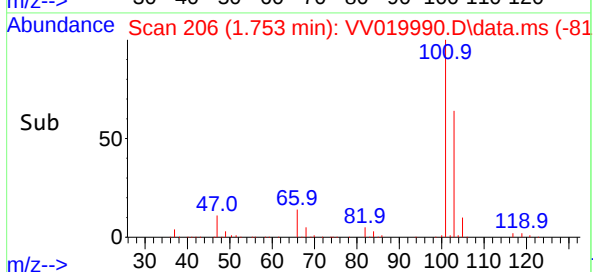
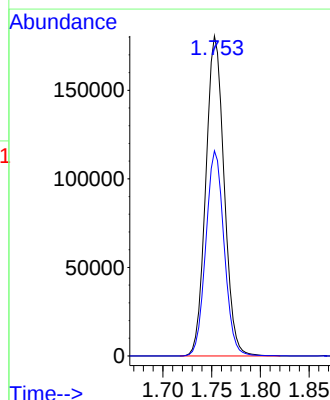
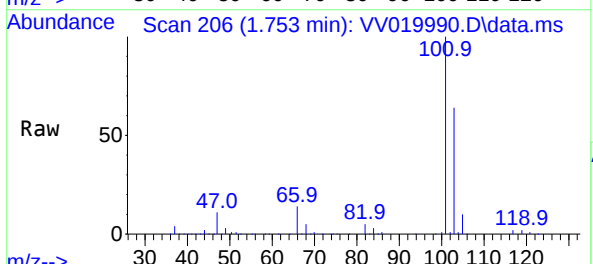
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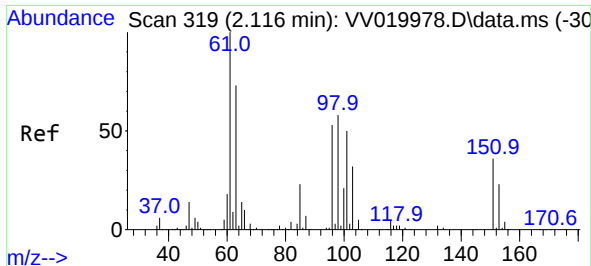
Tgt Ion: 64 Resp: 104703
Ion Ratio Lower Upper
64 100
66 33.0 22.4 41.6



#9
Trichlorofluoromethane
Concen: 48.81 ug/L
RT: 1.753 min Scan# 206
Delta R.T. 0.003 min
Lab File: VV019990.D
Acq: 13 Jan 2021 16:45

Tgt Ion:101 Resp: 236848
Ion Ratio Lower Upper
101 100
103 63.9 51.7 77.5

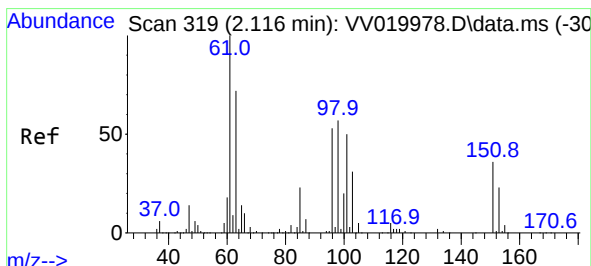
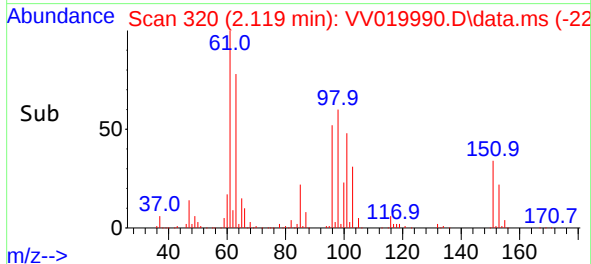
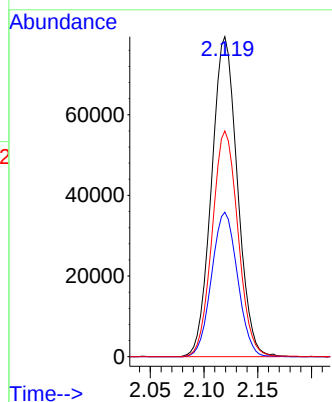
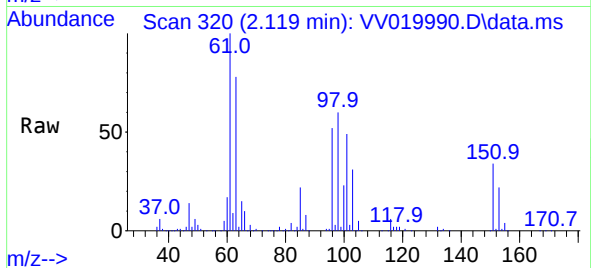




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 49.31 ug/L
RT: 2.119 min Scan# 320
Delta R.T. 0.003 min
Lab File: VV019990.D
Acq: 13 Jan 2021 16:45

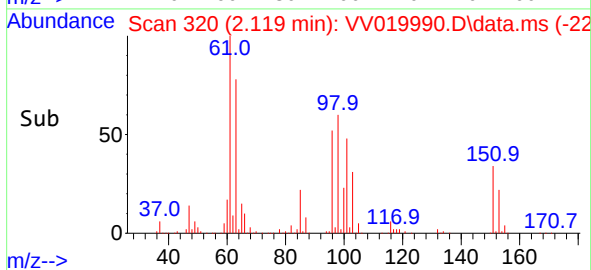
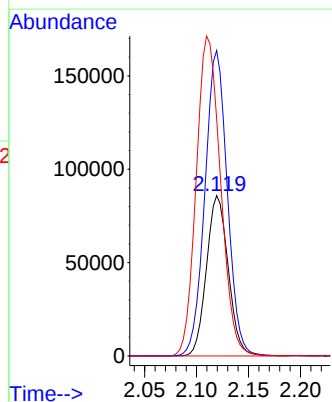
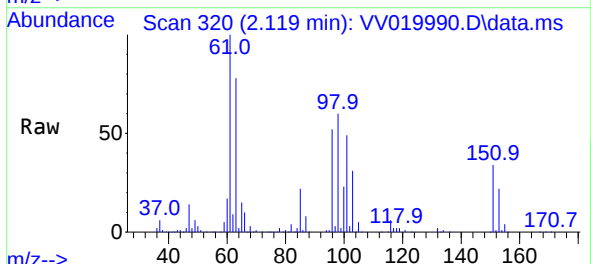
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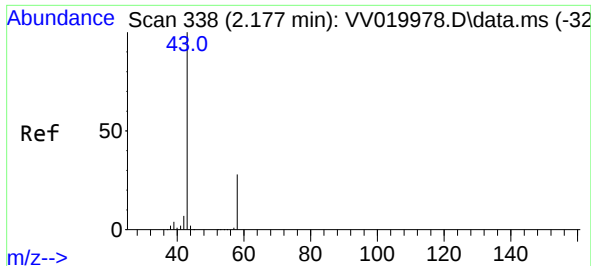
Tgt Ion:101 Resp: 132911
Ion Ratio Lower Upper
101 100
85 45.3 35.3 52.9
151 70.5 53.6 80.4



#12
1,1-Dichloroethene
Concen: 47.97 ug/L
RT: 2.119 min Scan# 320
Delta R.T. 0.003 min
Lab File: VV019990.D
Acq: 13 Jan 2021 16:45

Tgt Ion: 96 Resp: 124698
Ion Ratio Lower Upper
96 100
61 190.5 134.9 250.5
63 147.8 117.6 218.4

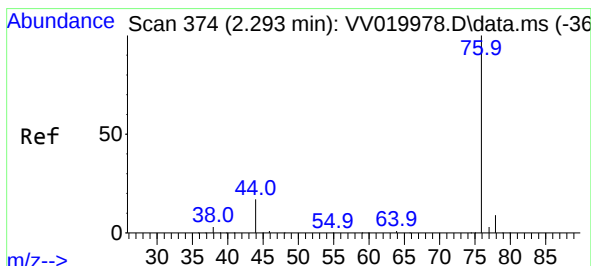
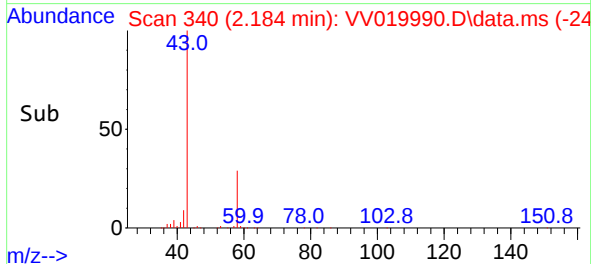
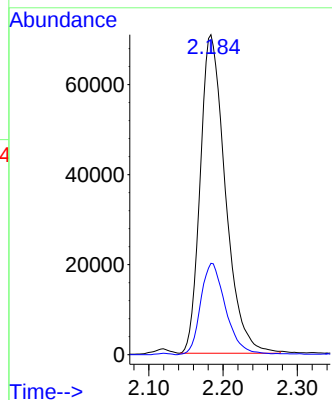
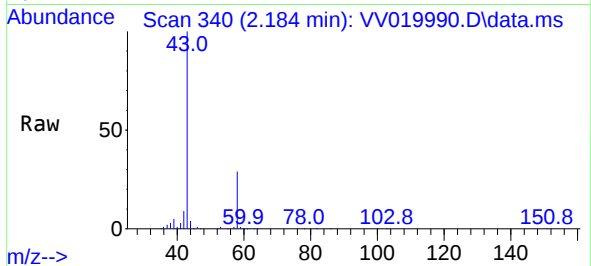




#13
Acetone
Concen: 93.39 ug/L
RT: 2.184 min Scan# 340
Delta R.T. 0.006 min
Lab File: VV019990.D
Acq: 13 Jan 2021 16:45

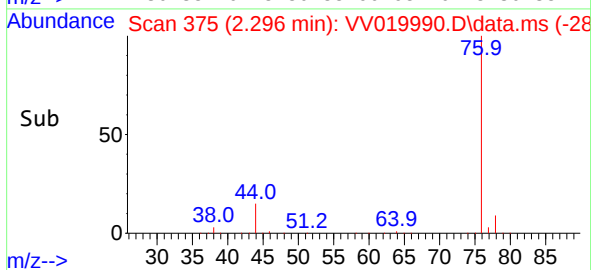
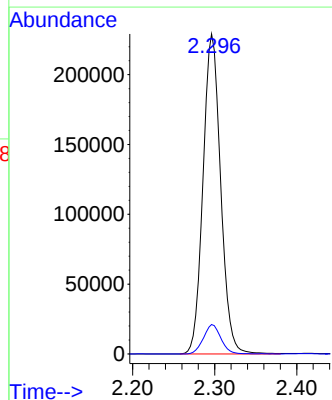
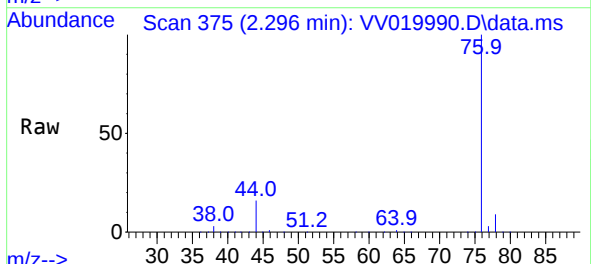
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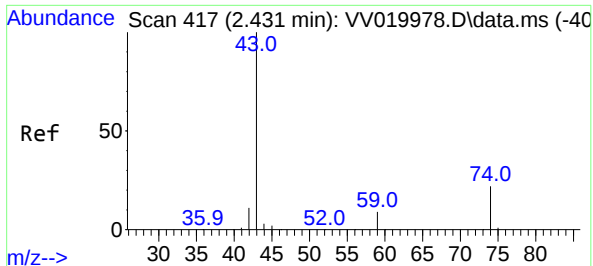
Tgt Ion: 43 Resp: 166402
Ion Ratio Lower Upper
43 100
58 28.5 0.0 60.2



#14
Carbon disulfide
Concen: 44.28 ug/L
RT: 2.296 min Scan# 375
Delta R.T. 0.003 min
Lab File: VV019990.D
Acq: 13 Jan 2021 16:45

Tgt Ion: 76 Resp: 341938
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

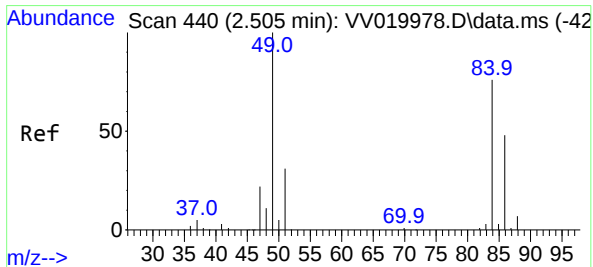
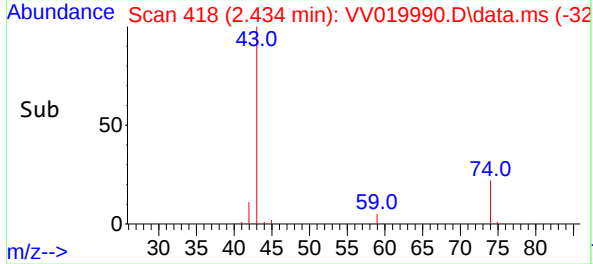
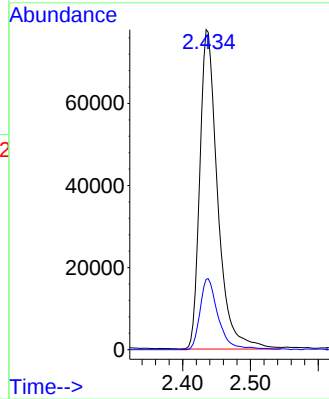
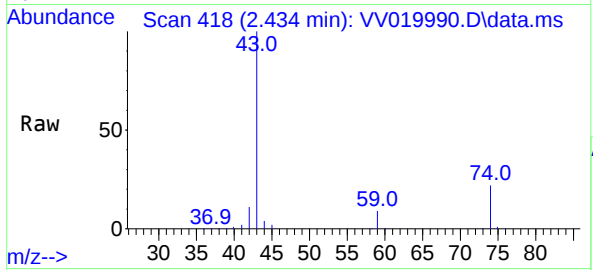




#15
Methyl Acetate
Concen: 47.07 ug/L
RT: 2.434 min Scan# 418
Delta R.T. 0.003 min
Lab File: VV019990.D
Acq: 13 Jan 2021 16:45

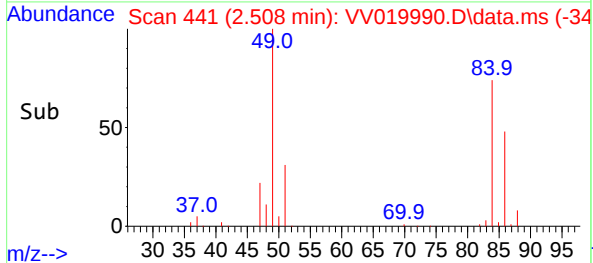
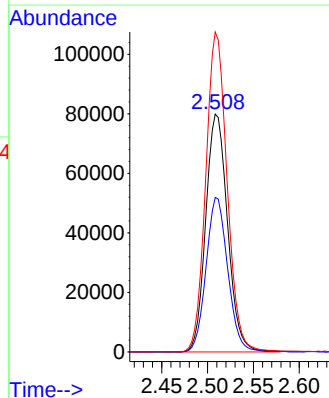
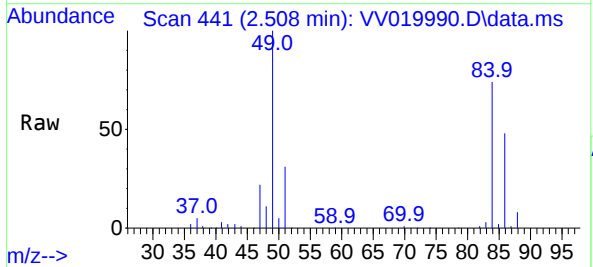
Instrument :
MSVOA_V
ClientSampleId :
VSTD05065

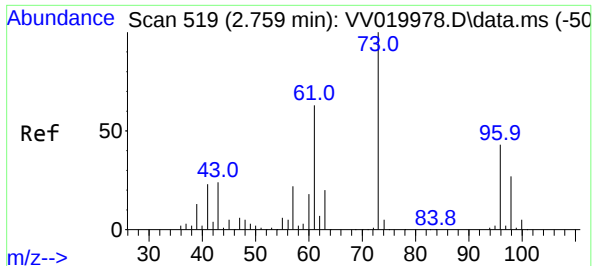
Tgt Ion: 43 Resp: 142335
Ion Ratio Lower Upper
43 100
74 22.1 17.6 26.4



#16
Methylene chloride
Concen: 47.91 ug/L
RT: 2.508 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV019990.D
Acq: 13 Jan 2021 16:45

Tgt Ion: 84 Resp: 132341
Ion Ratio Lower Upper
84 100
86 64.9 44.6 82.8
49 134.5 94.6 175.8

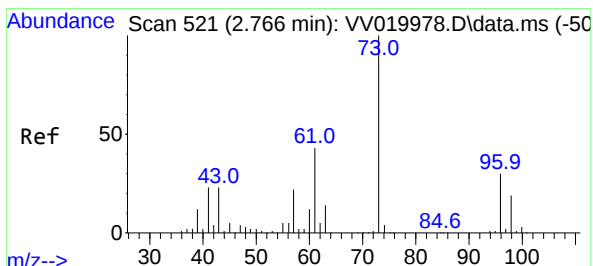
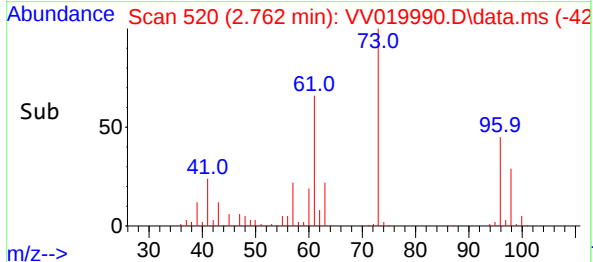
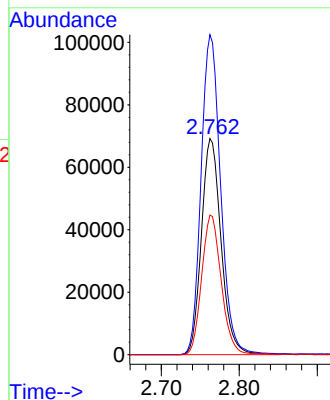
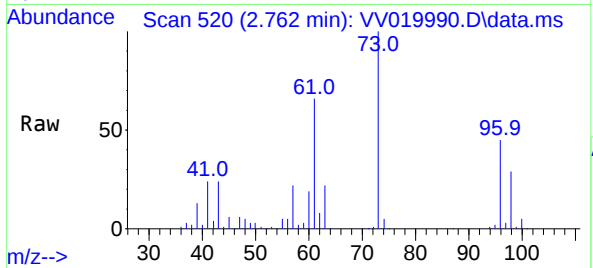




#17
trans-1,2-Dichloroethene
Concen: 46.57 ug/L
RT: 2.762 min Scan# 520
Delta R.T. 0.003 min
Lab File: VV019990.D
Acq: 13 Jan 2021 16:45

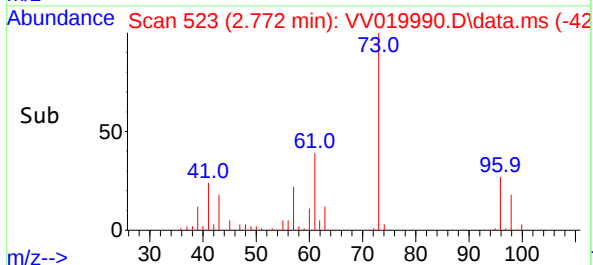
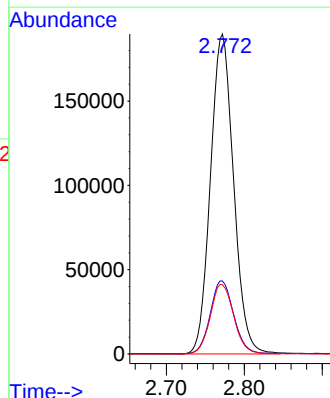
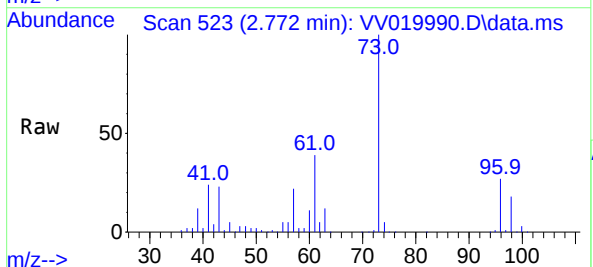
Instrument :
MSVOA_V
ClientSampleId :
VSTD05065

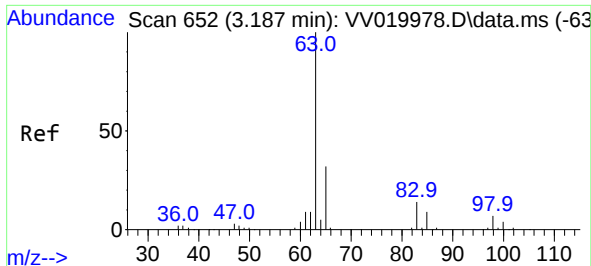
Tgt Ion: 96 Resp: 121328
Ion Ratio Lower Upper
96 100
61 148.1 103.1 191.5
98 64.6 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 46.17 ug/L
RT: 2.772 min Scan# 523
Delta R.T. 0.006 min
Lab File: VV019990.D
Acq: 13 Jan 2021 16:45

Tgt Ion: 73 Resp: 391671
Ion Ratio Lower Upper
73 100
43 23.0 17.3 25.9
57 22.1 17.9 26.9



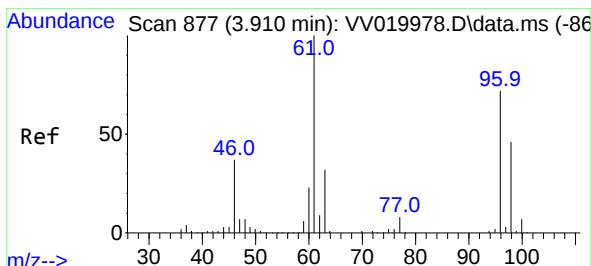
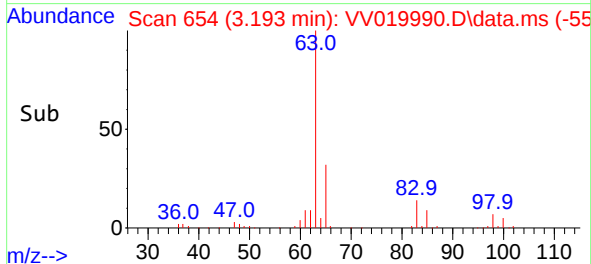
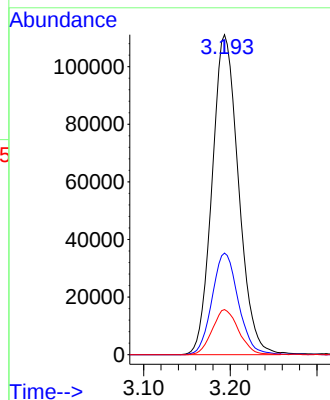
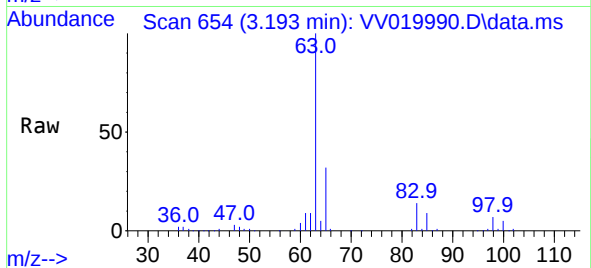


#19
1,1-Dichloroethane
Concen: 47.16 ug/L
RT: 3.193 min Scan# 654
Delta R.T. 0.006 min
Lab File: VV019990.D
Acq: 13 Jan 2021 16:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD05065

Tgt Ion: 63 Resp: 234946

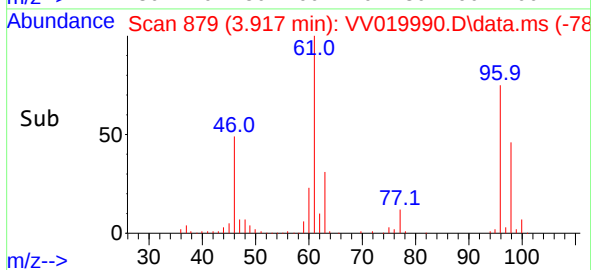
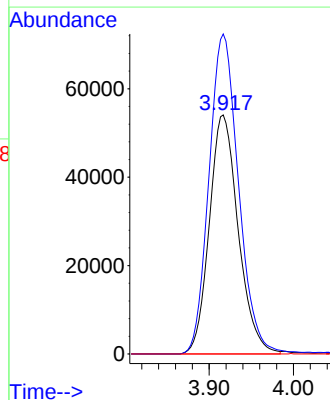
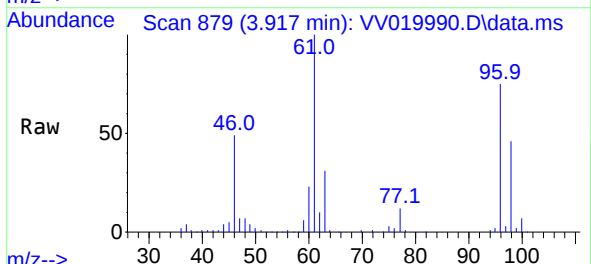
Ion	Ratio	Lower	Upper
63	100		
65	31.8	21.9	40.7
83	14.1	9.5	17.7

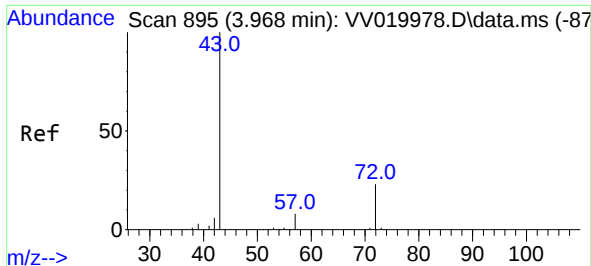


#20
cis-1,2-Dichloroethene
Concen: 46.36 ug/L
RT: 3.917 min Scan# 879
Delta R.T. 0.006 min
Lab File: VV019990.D
Acq: 13 Jan 2021 16:45

Tgt Ion: 96 Resp: 128981

Ion	Ratio	Lower	Upper
96	100		
61	133.9	96.9	179.9
68	0.0	0.0	0.0

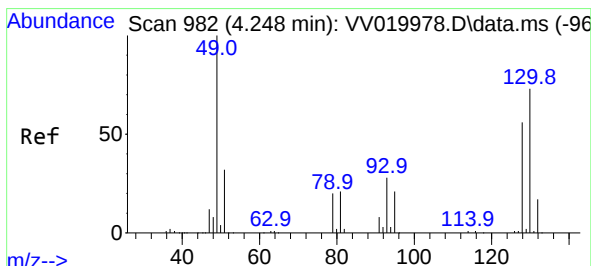
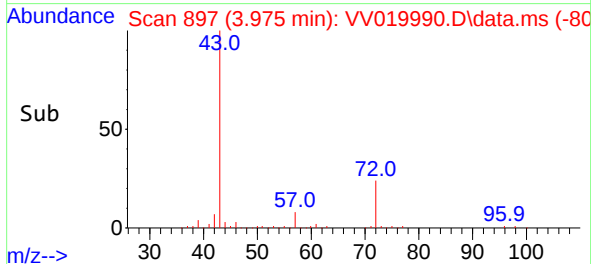
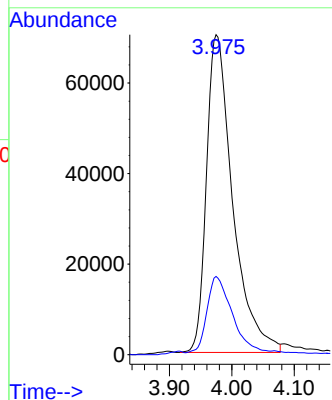
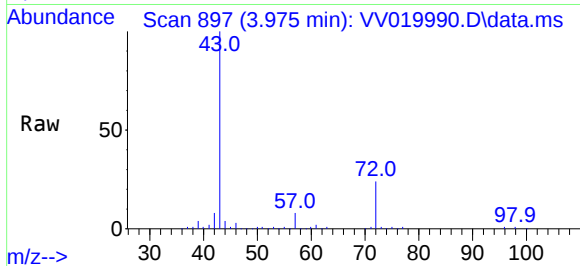




#22
2-Butanone
Concen: 95.76 ug/L
RT: 3.975 min Scan# 897
Delta R.T. 0.006 min
Lab File: VV019990.D
Acq: 13 Jan 2021 16:45

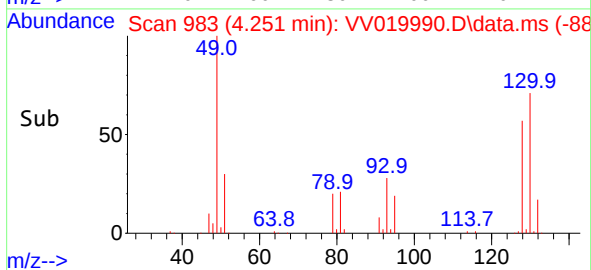
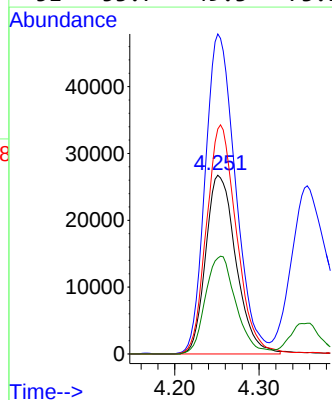
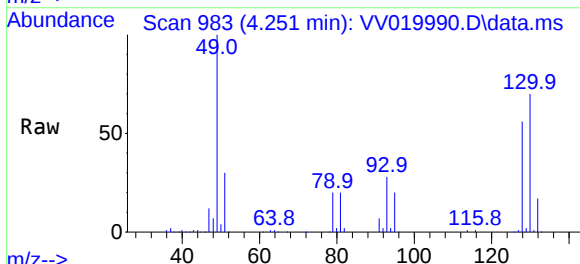
Instrument :
MSVOA_V
ClientSampleId :
VSTD05065

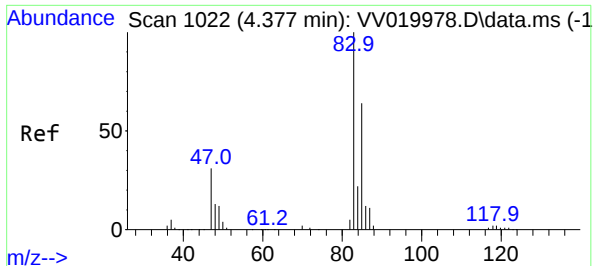
Tgt Ion: 43 Resp: 205578
Ion Ratio Lower Upper
43 100
72 23.2 12.2 36.6



#23
Bromochloromethane
Concen: 45.91 ug/L
RT: 4.251 min Scan# 983
Delta R.T. 0.003 min
Lab File: VV019990.D
Acq: 13 Jan 2021 16:45

Tgt Ion:128 Resp: 66756
Ion Ratio Lower Upper
128 100
49 179.0 133.1 247.1
130 125.9 89.0 165.4
51 53.7 49.3 73.9



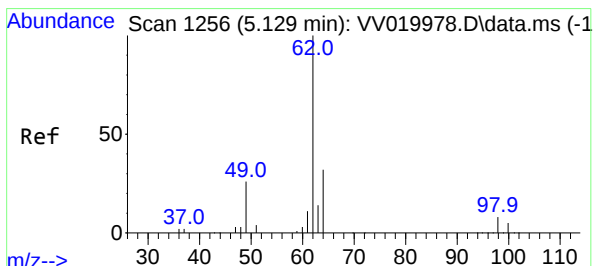
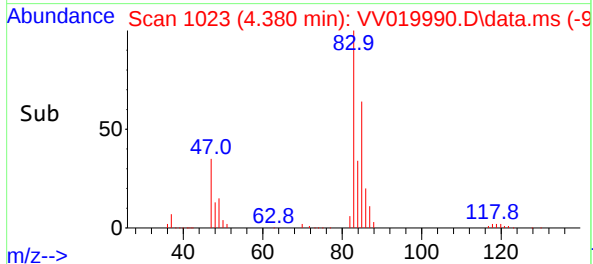
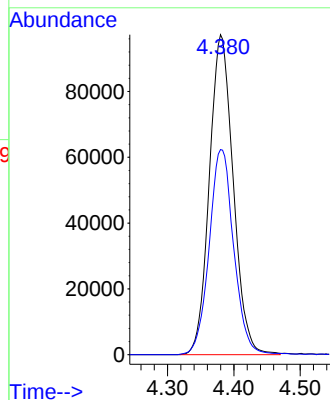
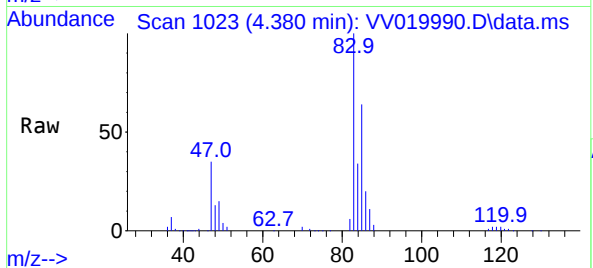


#25

Chloroform
Concen: 46.41 ug/L
RT: 4.380 min Scan# 1023
Delta R.T. 0.003 min
Lab File: VV019990.D
Acq: 13 Jan 2021 16:45

Instrument :
MSVOA_V
ClientSampled :
VSTD05065

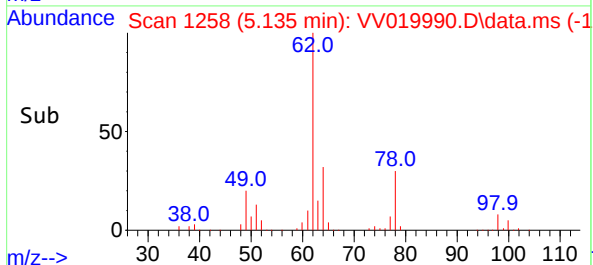
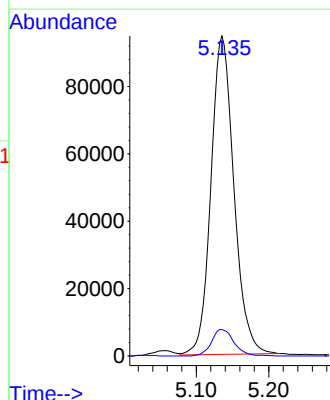
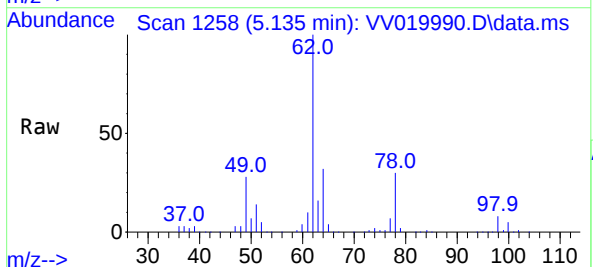
Tgt Ion: 83 Resp: 243056
Ion Ratio Lower Upper
83 100
85 64.1 44.2 82.2

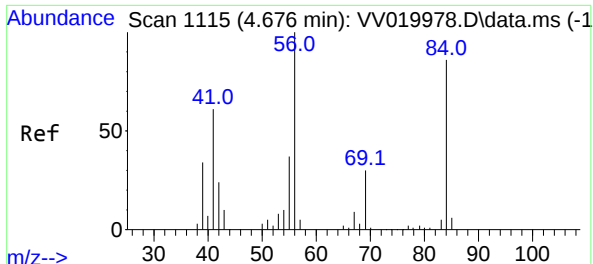


#27

1,2-Dichloroethane
Concen: 47.51 ug/L
RT: 5.135 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VV019990.D
Acq: 13 Jan 2021 16:45

Tgt Ion: 62 Resp: 207892
Ion Ratio Lower Upper
62 100
98 8.3 6.9 10.3





#29

Cyclohexane

Concen: 45.76 ug/L

RT: 4.685 min Scan# 1118

Delta R.T. 0.010 min

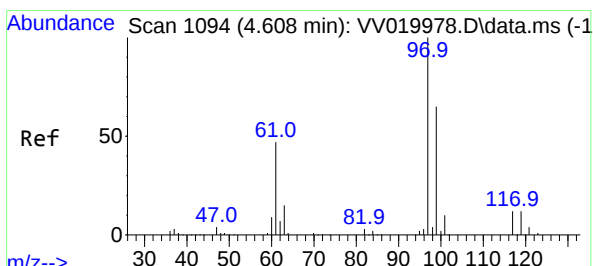
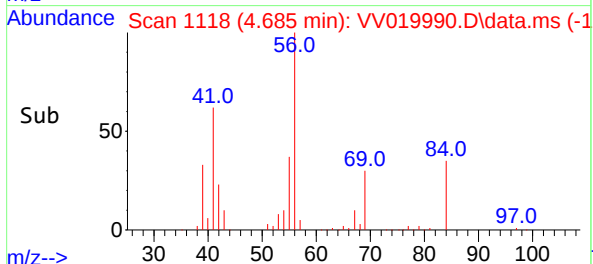
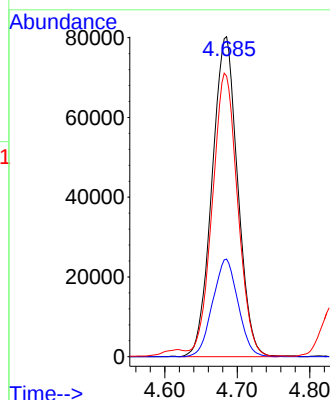
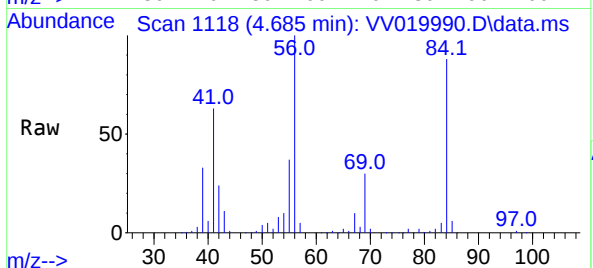
Lab File: VV019990.D

Acq: 13 Jan 2021 16:45

Tgt Ion: 56 Resp: 197451

Ion	Ratio	Lower	Upper
56	100		
69	30.2	24.2	36.2
84	87.2	66.3	99.5

Instrument :
MSVOA_V
ClientSampleId :
VSTD05065



#30

1,1,1-Trichloroethane

Concen: 45.88 ug/L

RT: 4.614 min Scan# 1096

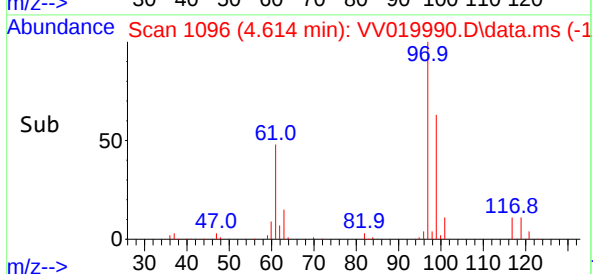
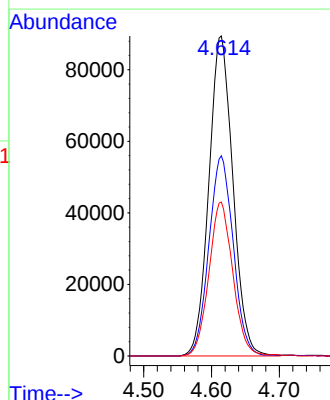
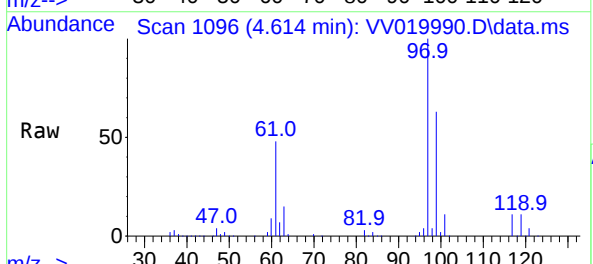
Delta R.T. 0.006 min

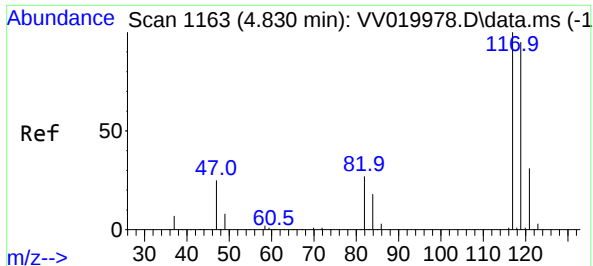
Lab File: VV019990.D

Acq: 13 Jan 2021 16:45

Tgt Ion: 97 Resp: 220247

Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.2	76.8
61	47.8	38.5	57.7

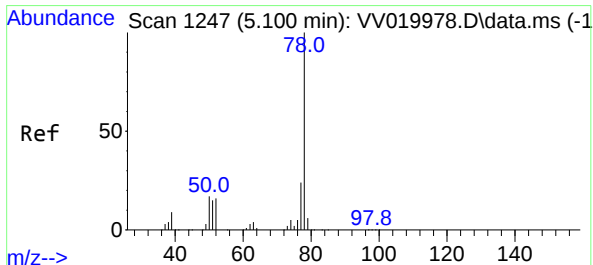
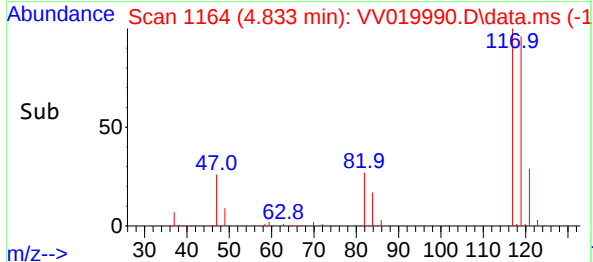
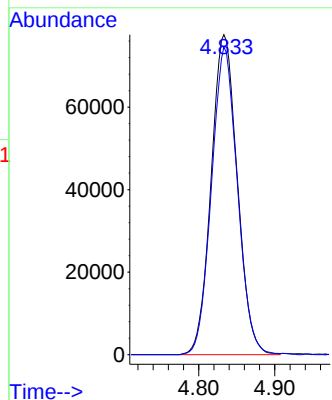
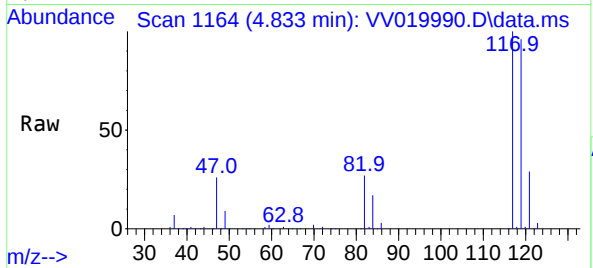




#31
Carbon tetrachloride
Concen: 45.27 ug/L
RT: 4.833 min Scan# 1164
Delta R.T. 0.003 min
Lab File: VV019990.D
Acq: 13 Jan 2021 16:45

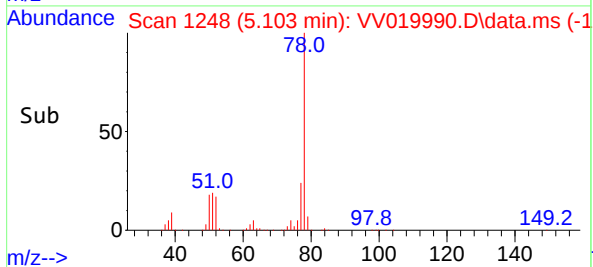
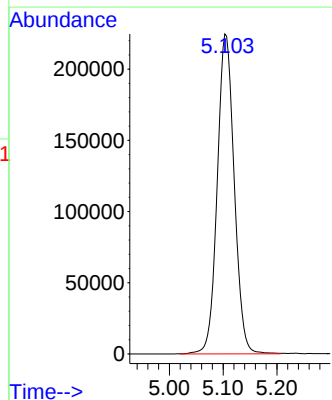
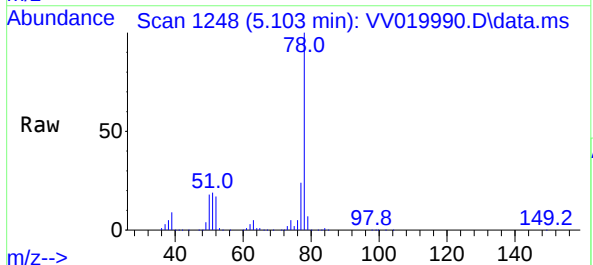
Instrument :
MSVOA_V
ClientSampleId :
VSTD05065

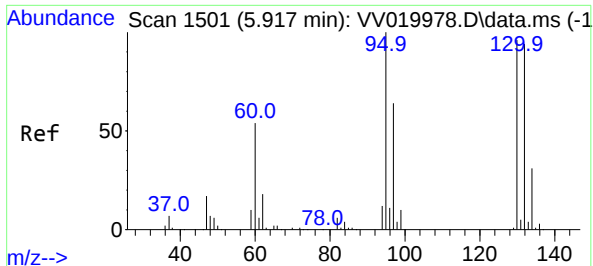
Tgt Ion:117 Resp: 185292
Ion Ratio Lower Upper
117 100
119 95.1 76.3 114.5



#33
Benzene
Concen: 46.52 ug/L
RT: 5.103 min Scan# 1248
Delta R.T. 0.003 min
Lab File: VV019990.D
Acq: 13 Jan 2021 16:45

Tgt Ion: 78 Resp: 492839





#34

Trichloroethene

Concen: 45.35 ug/L

RT: 5.920 min Scan# 1502

Delta R.T. 0.003 min

Lab File: VV019990.D

Acq: 13 Jan 2021 16:45

Tgt Ion: 95 Resp: 137695

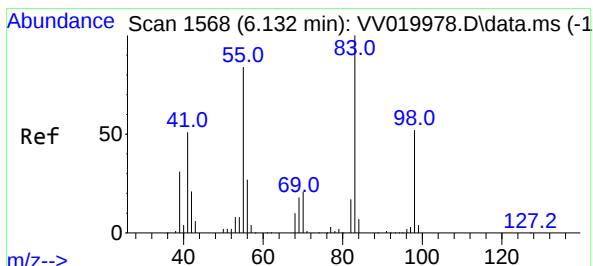
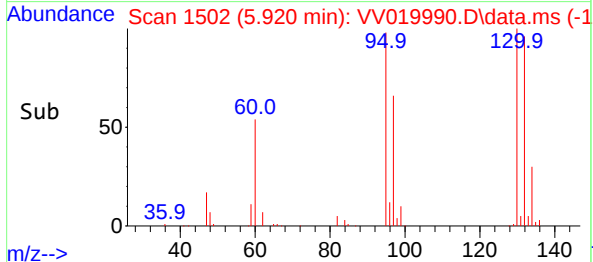
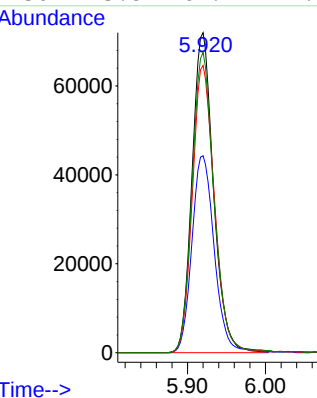
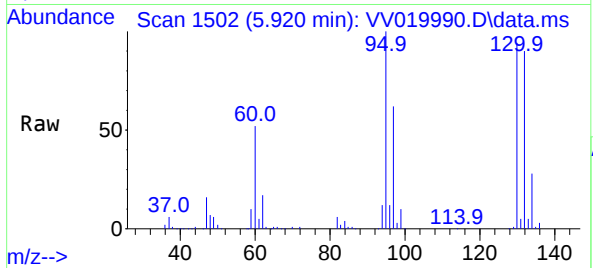
Ion Ratio Lower Upper

95 100

97 61.5 44.5 82.7

132 89.7 63.4 117.8

130 93.8 67.1 124.5



#35

Methylcyclohexane

Concen: 46.09 ug/L

RT: 6.135 min Scan# 1569

Delta R.T. 0.003 min

Lab File: VV019990.D

Acq: 13 Jan 2021 16:45

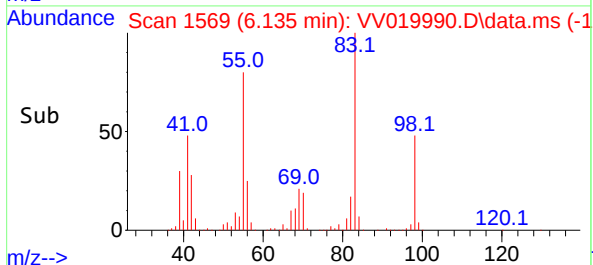
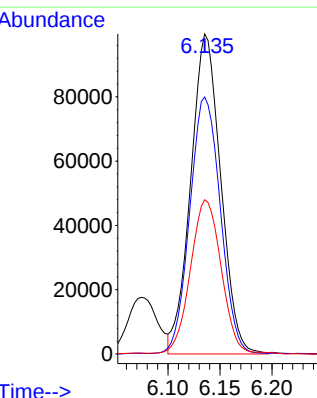
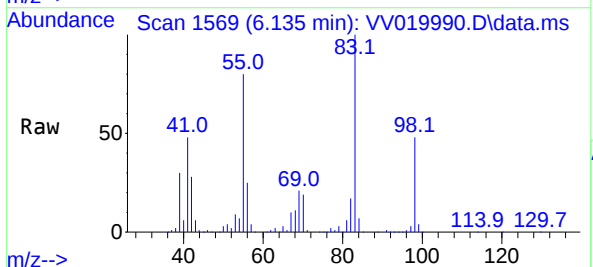
Tgt Ion: 83 Resp: 199942

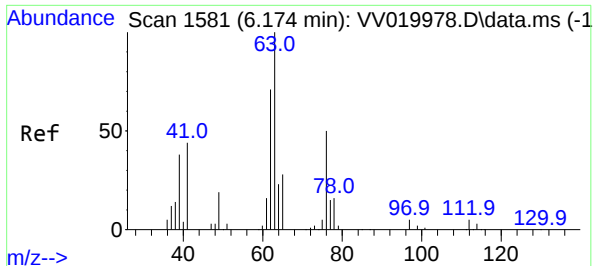
Ion Ratio Lower Upper

83 100

55 82.1 65.1 97.7

98 49.6 38.2 57.2

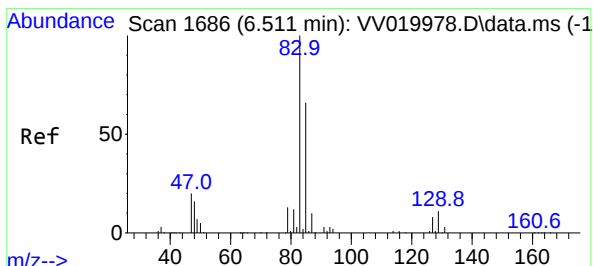
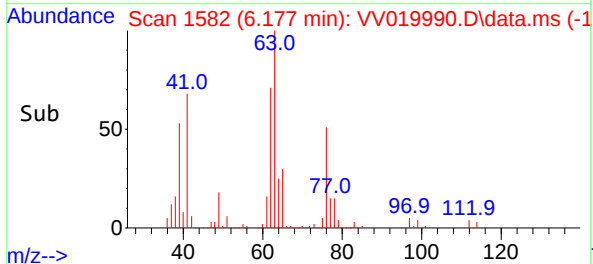
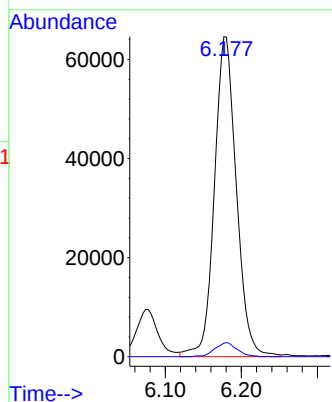
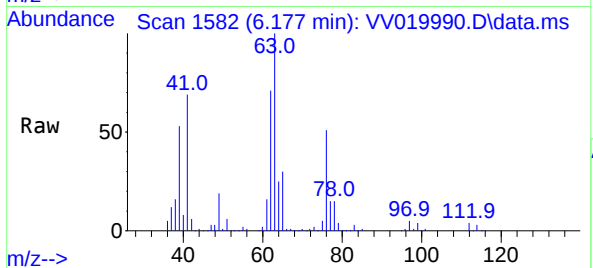




#37
1,2-Dichloropropane
Concen: 47.11 ug/L
RT: 6.177 min Scan# 1582
Delta R.T. 0.003 min
Lab File: VV019990.D
Acq: 13 Jan 2021 16:45

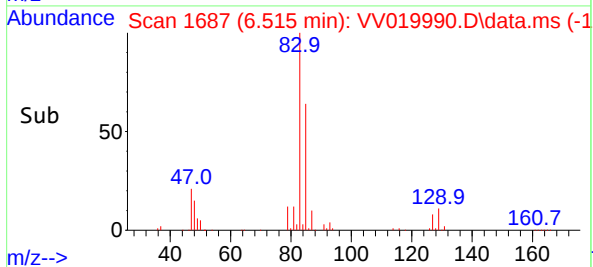
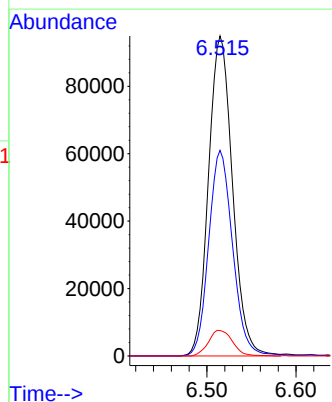
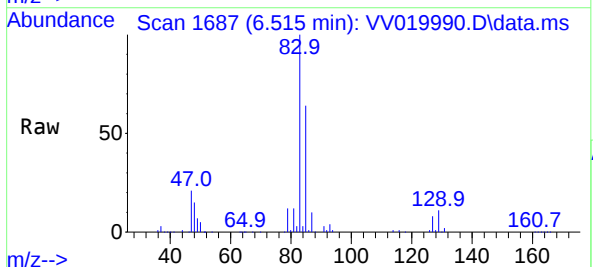
Instrument :
MSVOA_V
ClientSampled :
VSTD05065

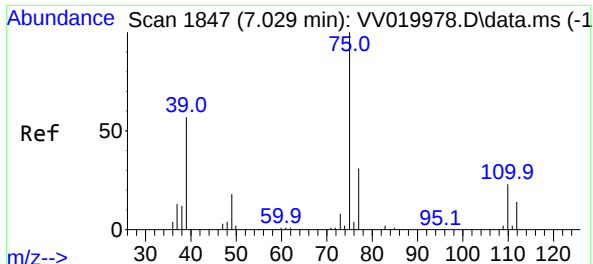
Tgt Ion: 63 Resp: 129454
Ion Ratio Lower Upper
63 100
112 4.4 3.3 4.9



#38
Bromodichloromethane
Concen: 44.83 ug/L
RT: 6.515 min Scan# 1687
Delta R.T. 0.003 min
Lab File: VV019990.D
Acq: 13 Jan 2021 16:45

Tgt Ion: 83 Resp: 177937
Ion Ratio Lower Upper
83 100
85 64.3 44.5 82.7
127 8.0 6.3 9.5

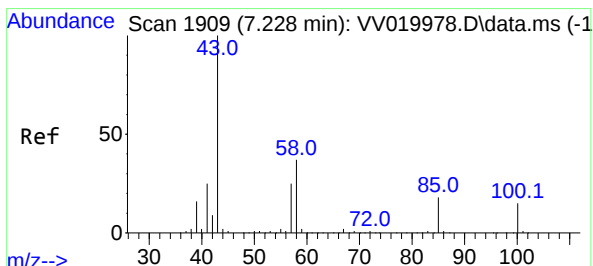
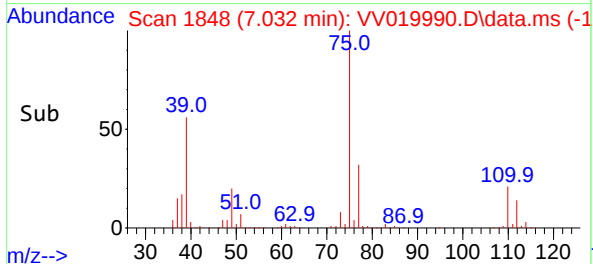
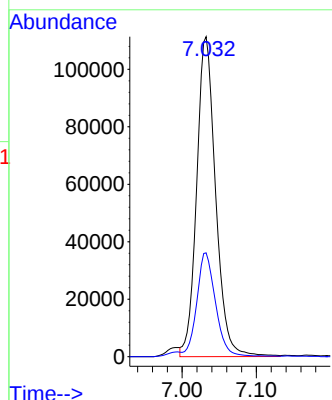
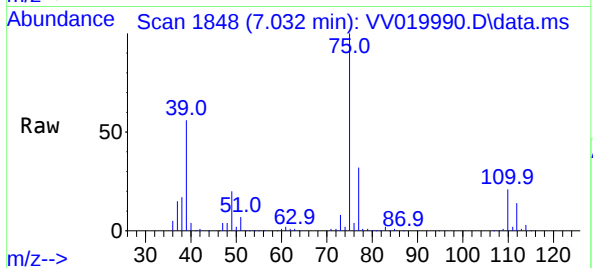




#39
cis-1,3-Dichloropropene
Concen: 45.98 ug/L
RT: 7.032 min Scan# 1848
Delta R.T. 0.003 min
Lab File: VV019990.D
Acq: 13 Jan 2021 16:45

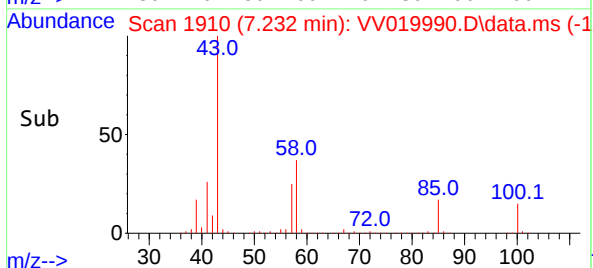
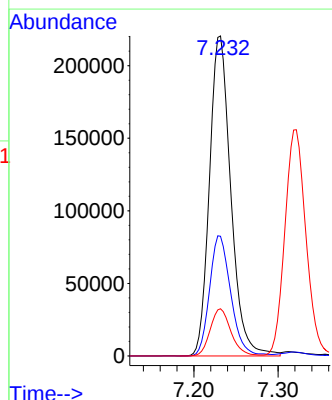
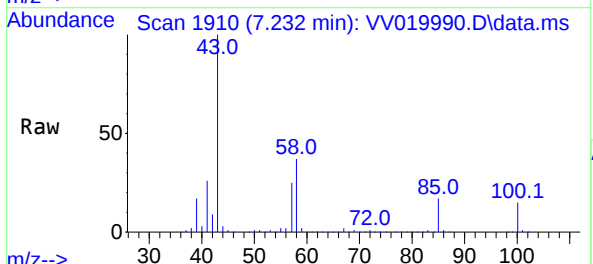
Instrument :
MSVOA_V
ClientSampled :
VSTD05065

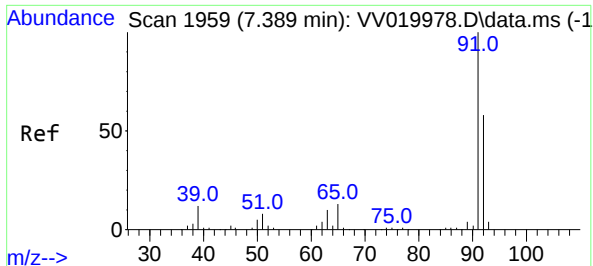
Tgt Ion: 75 Resp: 197879
Ion Ratio Lower Upper
75 100
77 32.5 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 92.16 ug/L
RT: 7.232 min Scan# 1910
Delta R.T. 0.003 min
Lab File: VV019990.D
Acq: 13 Jan 2021 16:45

Tgt Ion: 43 Resp: 389160
Ion Ratio Lower Upper
43 100
58 37.3 30.7 46.1
100 14.3 11.6 17.4

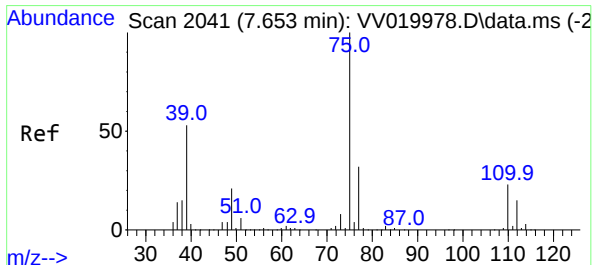
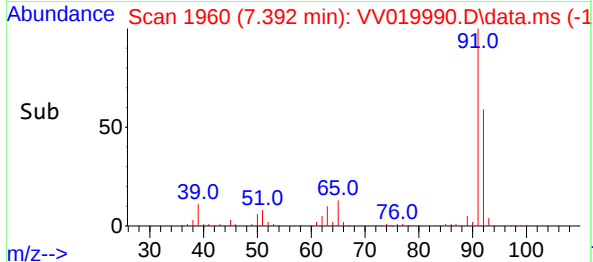
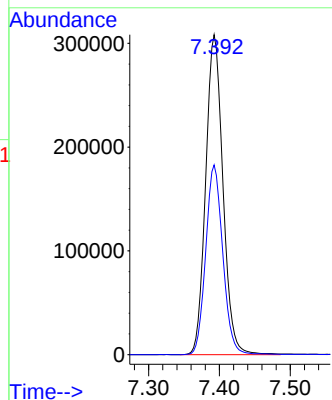
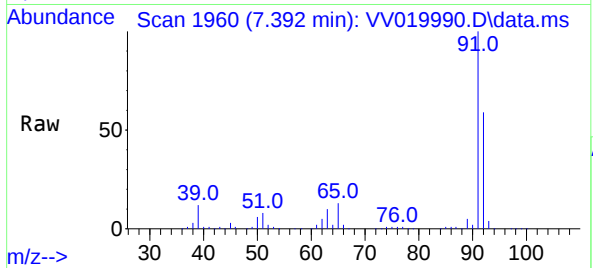




#42
Toluene
Concen: 46.33 ug/L
RT: 7.392 min Scan# 1960
Delta R.T. 0.003 min
Lab File: VV019990.D
Acq: 13 Jan 2021 16:45

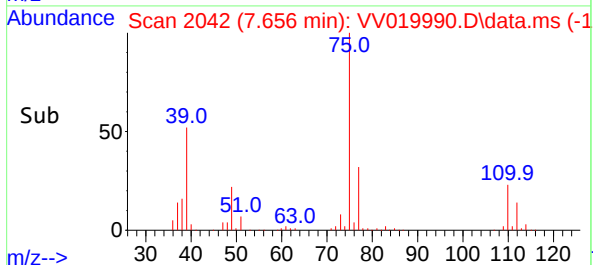
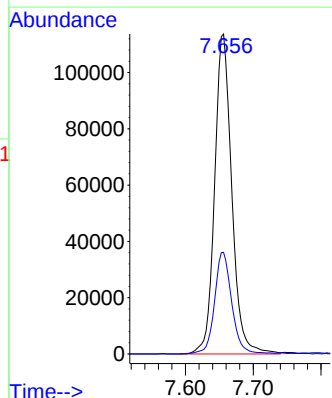
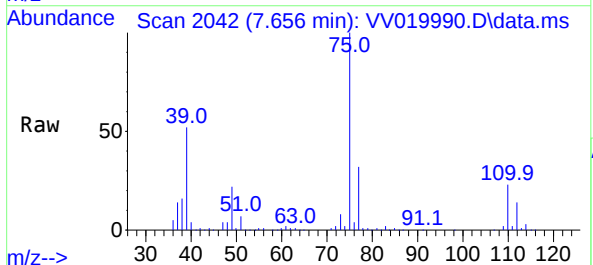
Instrument :
MSVOA_V
ClientSampleId :
VSTD05065

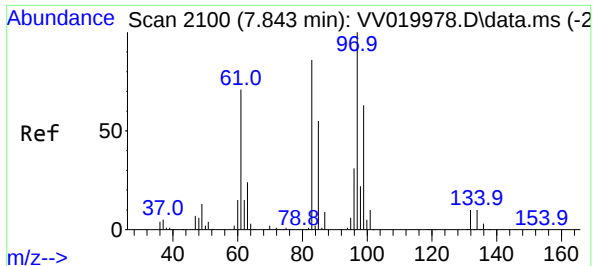
Tgt Ion: 91 Resp: 522711
Ion Ratio Lower Upper
91 100
92 59.3 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 45.82 ug/L
RT: 7.656 min Scan# 2042
Delta R.T. 0.003 min
Lab File: VV019990.D
Acq: 13 Jan 2021 16:45

Tgt Ion: 75 Resp: 200029
Ion Ratio Lower Upper
75 100
77 31.8 22.0 41.0



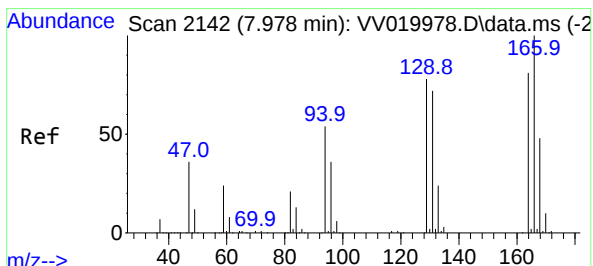
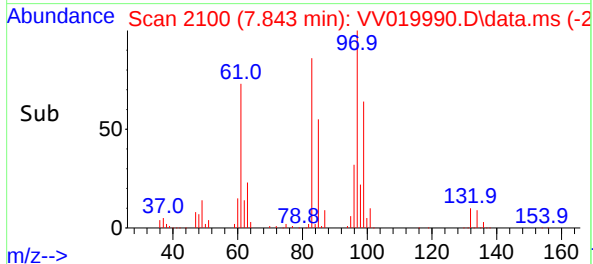
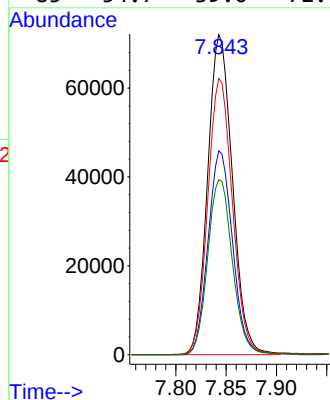
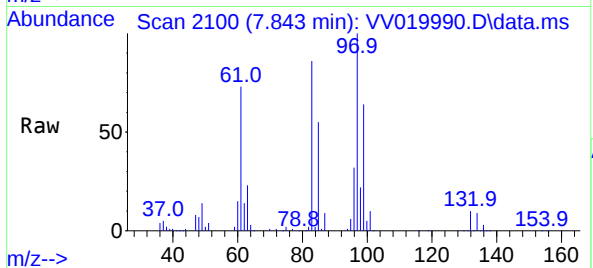


#45
1,1,2-Trichloroethane
Concen: 45.75 ug/L
RT: 7.843 min Scan# 2100
Delta R.T. -0.000 min
Lab File: VV019990.D
Acq: 13 Jan 2021 16:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD05065

Tgt Ion: 97 Resp: 123570

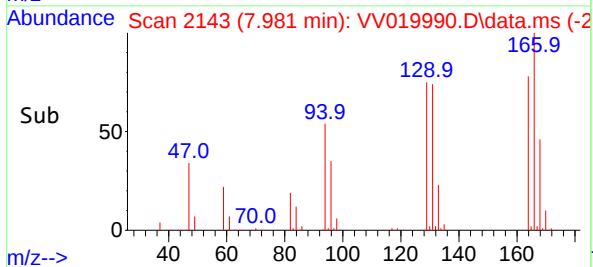
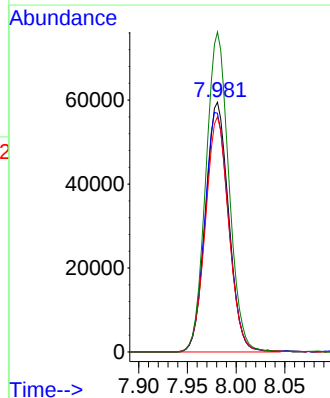
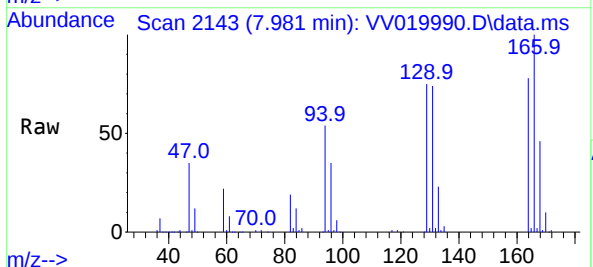
Ion	Ratio	Lower	Upper
97	100		
99	63.7	43.8	81.3
83	86.3	62.2	115.4
85	54.7	39.0	72.4

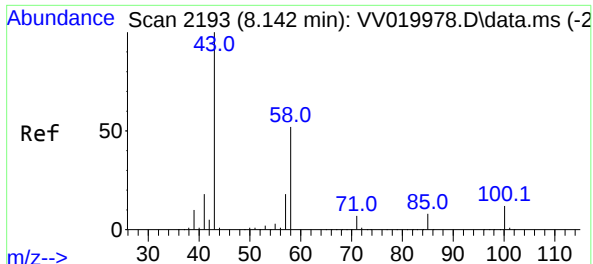


#46
Tetrachloroethene
Concen: 45.20 ug/L
RT: 7.981 min Scan# 2143
Delta R.T. 0.003 min
Lab File: VV019990.D
Acq: 13 Jan 2021 16:45

Tgt Ion: 164 Resp: 98525

Ion	Ratio	Lower	Upper
164	100		
129	95.6	70.6	131.0
131	94.2	66.8	124.0
166	128.1	88.2	163.8



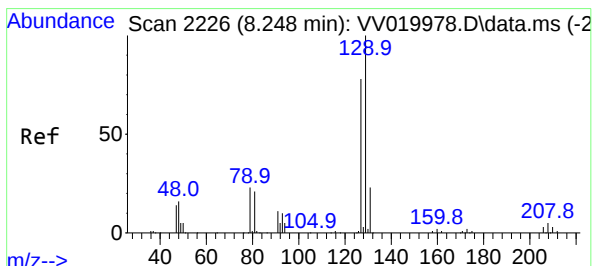
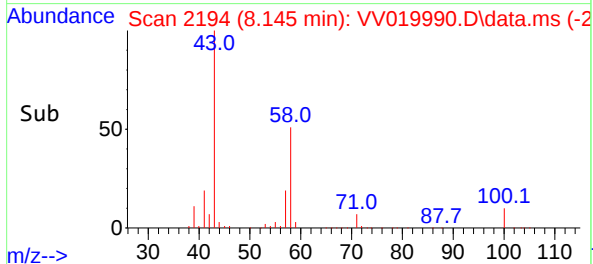
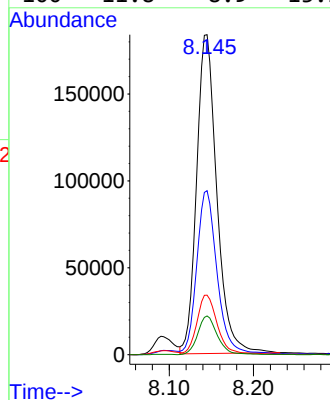
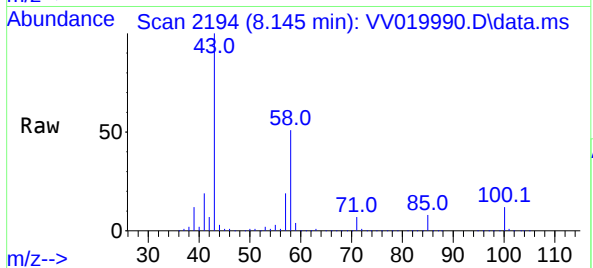


#48
2-Hexanone
Concen: 92.51 ug/L
RT: 8.145 min Scan# 2194
Delta R.T. 0.003 min
Lab File: VV019990.D
Acq: 13 Jan 2021 16:45

Instrument :
MSVOA_V
ClientSampled :
VSTD05065

Tgt Ion: 43 Resp: 307294

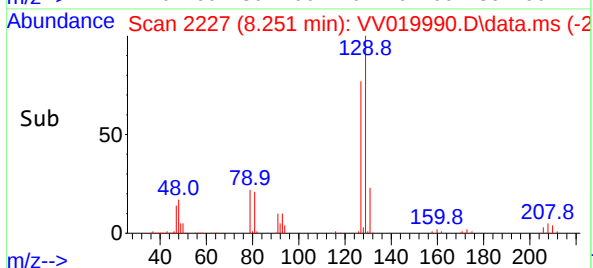
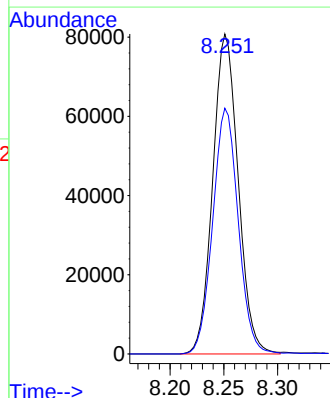
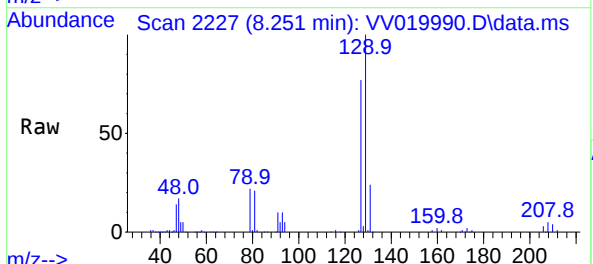
Ion	Ratio	Lower	Upper
43	100		
58	51.3	41.8	62.6
57	18.3	15.0	22.4
100	11.8	8.9	13.3

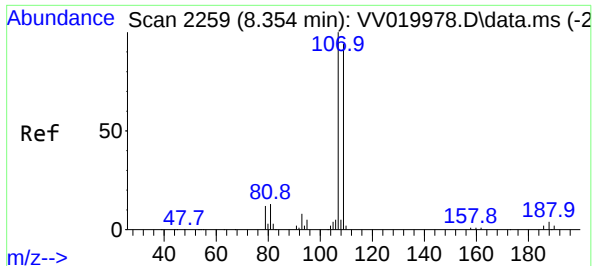


#49
Dibromochloromethane
Concen: 44.59 ug/L
RT: 8.251 min Scan# 2227
Delta R.T. 0.003 min
Lab File: VV019990.D
Acq: 13 Jan 2021 16:45

Tgt Ion: 129 Resp: 132999

Ion	Ratio	Lower	Upper
129	100		
127	76.8	55.2	102.6

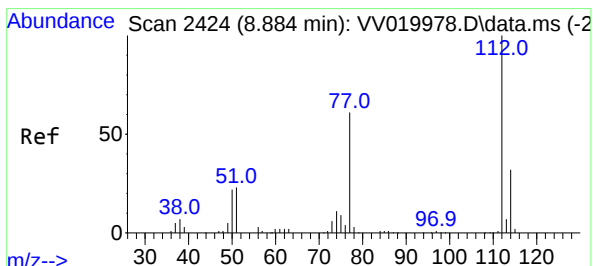
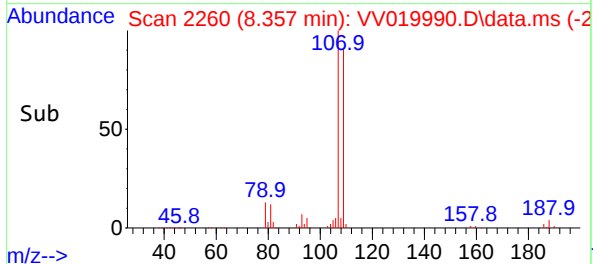
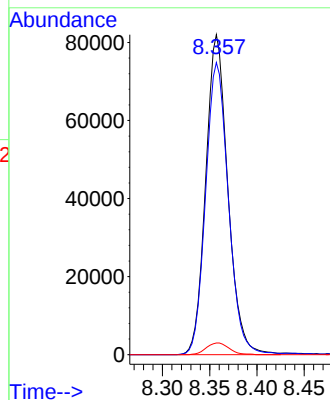
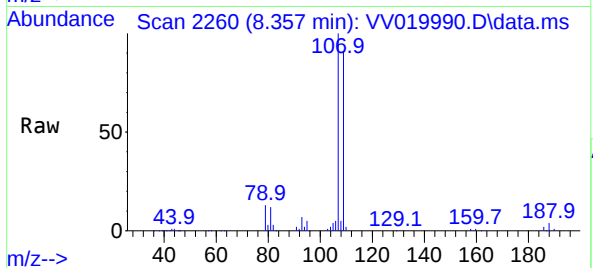




#50
1,2-Dibromoethane
Concen: 46.14 ug/L
RT: 8.357 min Scan# 2260
Delta R.T. 0.003 min
Lab File: VV019990.D
Acq: 13 Jan 2021 16:45

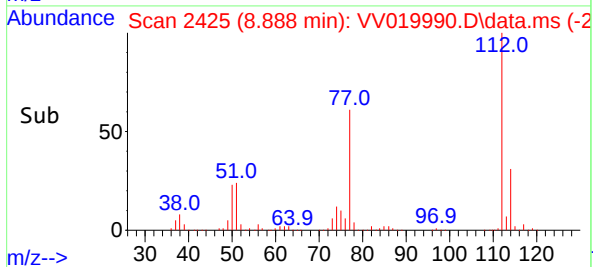
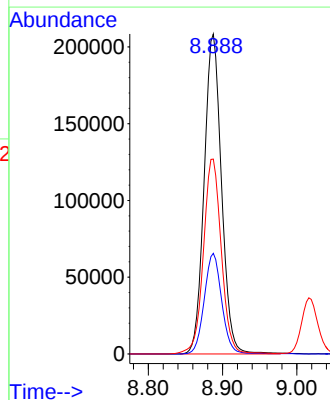
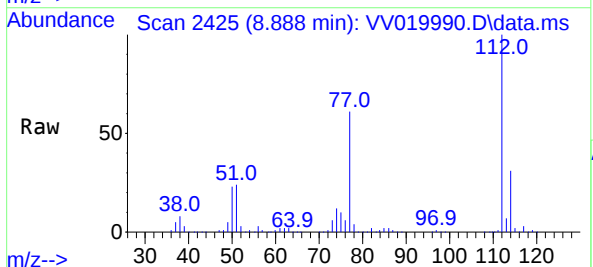
Instrument :
MSVOA_V
ClientSampleId :
VSTD05065

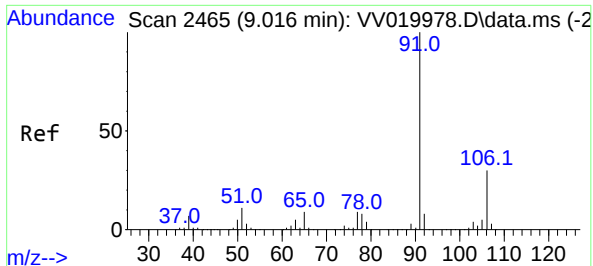
Tgt Ion:107 Resp: 133729
Ion Ratio Lower Upper
107 100
109 91.3 66.2 123.0
188 3.7 2.6 3.8



#51
Chlorobenzene
Concen: 45.25 ug/L
RT: 8.888 min Scan# 2425
Delta R.T. 0.003 min
Lab File: VV019990.D
Acq: 13 Jan 2021 16:45

Tgt Ion:112 Resp: 338142
Ion Ratio Lower Upper
112 100
114 31.5 22.2 41.2
77 60.9 49.0 73.6

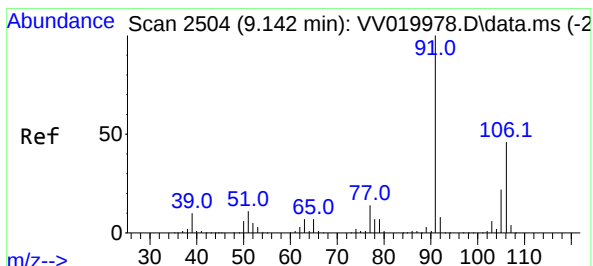
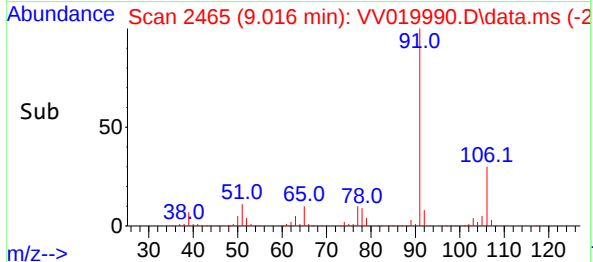
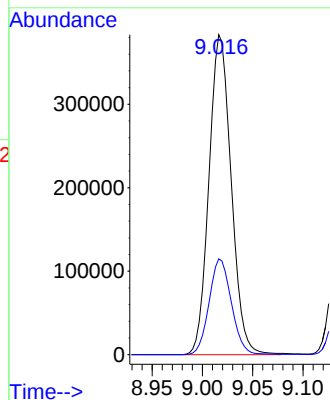
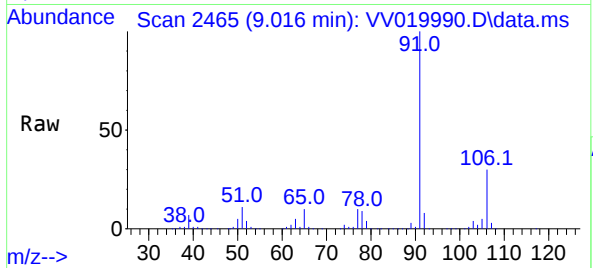




#52
Ethylbenzene
Concen: 45.99 ug/L
RT: 9.016 min Scan# 2465
Delta R.T. -0.000 min
Lab File: VV019990.D
Acq: 13 Jan 2021 16:45

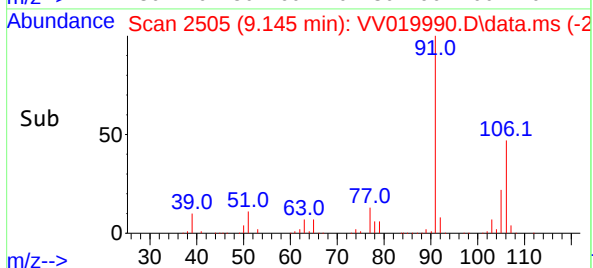
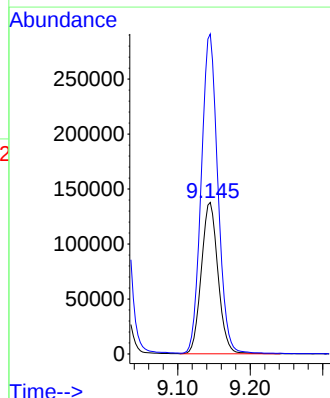
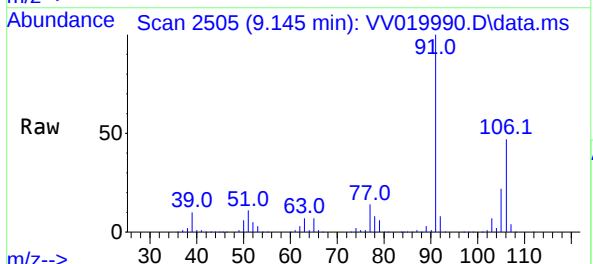
Instrument :
MSVOA_V
ClientSampled :
VSTD05065

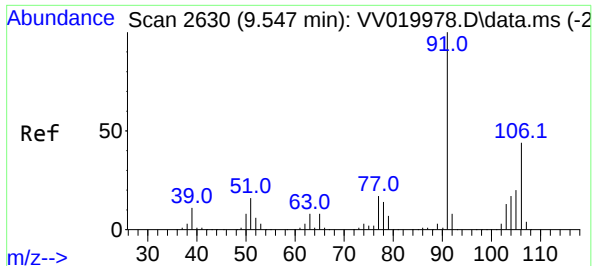
Tgt Ion: 91 Resp: 589296
Ion Ratio Lower Upper
91 100
106 29.9 21.0 39.0



#53
m,p-Xylene
Concen: 46.89 ug/L
RT: 9.145 min Scan# 2505
Delta R.T. 0.003 min
Lab File: VV019990.D
Acq: 13 Jan 2021 16:45

Tgt Ion: 106 Resp: 219421
Ion Ratio Lower Upper
106 100
91 211.2 148.1 275.0

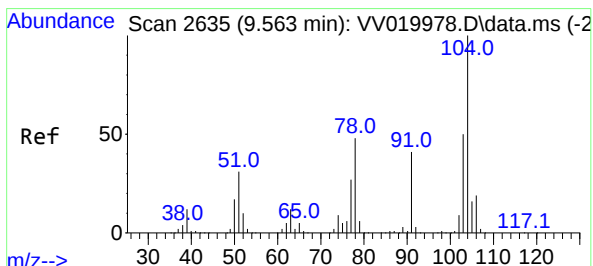
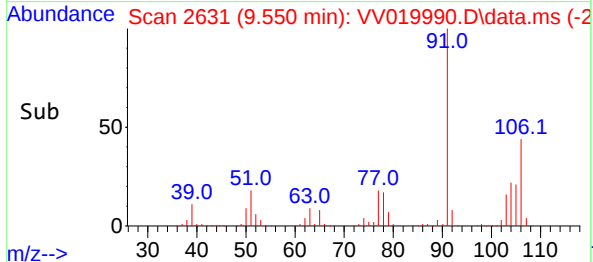
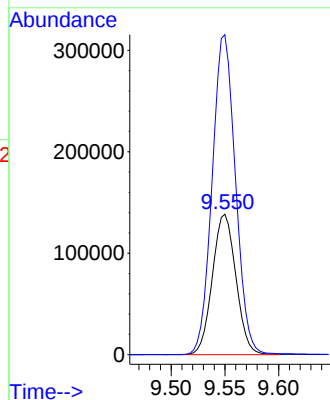
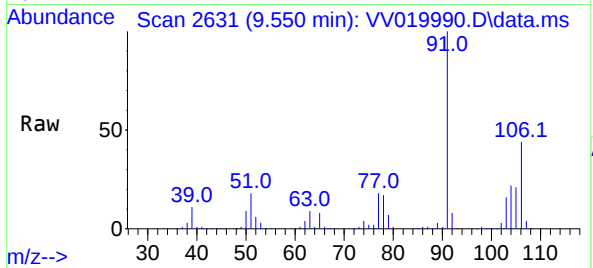




#54
o-xylene
Concen: 45.82 ug/L
RT: 9.550 min Scan# 2631
Delta R.T. 0.003 min
Lab File: VV019990.D
Acq: 13 Jan 2021 16:45

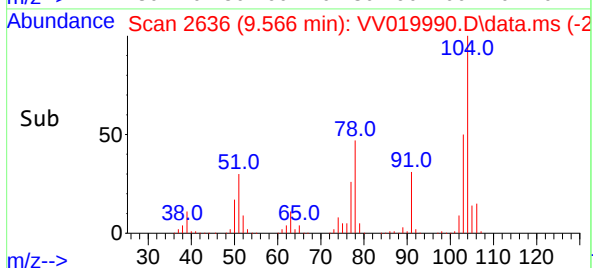
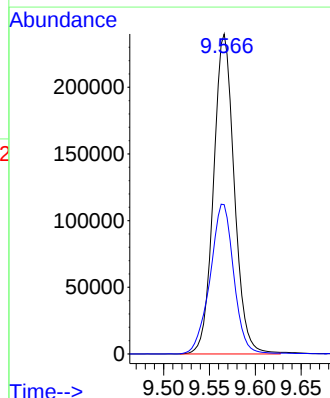
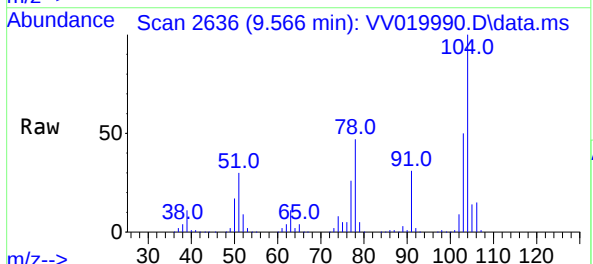
Instrument :
MSVOA_V
ClientSampled :
VSTD05065

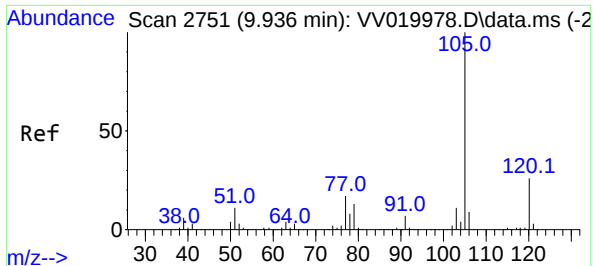
Tgt Ion:106 Resp: 211085
Ion Ratio Lower Upper
106 100
91 227.8 156.4 290.6



#55
Styrene
Concen: 47.45 ug/L
RT: 9.566 min Scan# 2636
Delta R.T. 0.003 min
Lab File: VV019990.D
Acq: 13 Jan 2021 16:45

Tgt Ion:104 Resp: 377957
Ion Ratio Lower Upper
104 100
78 46.6 33.7 62.5

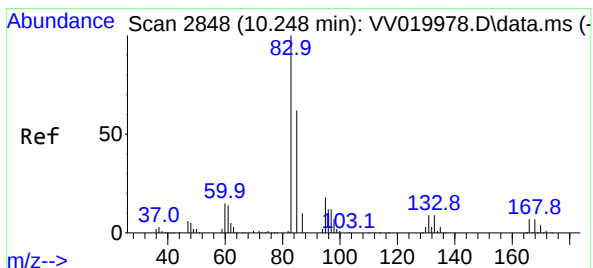
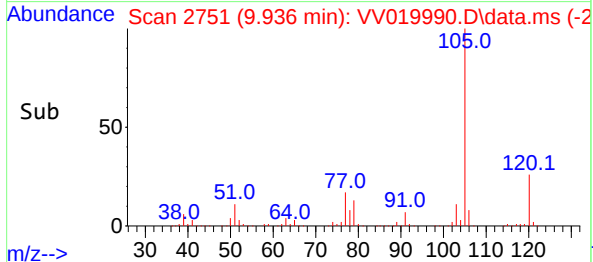
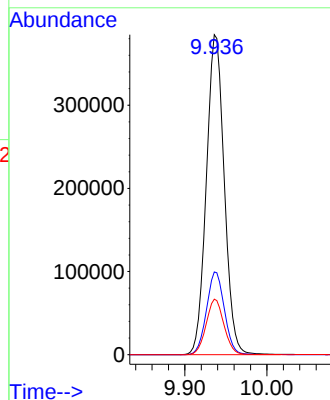
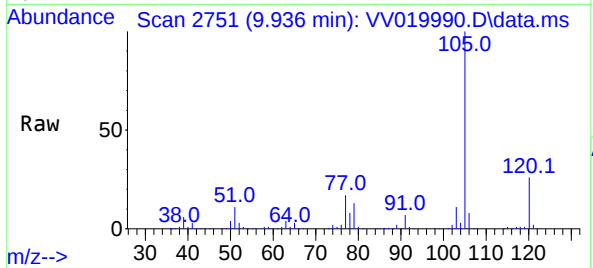




#56
Isopropylbenzene
Concen: 46.85 ug/L
RT: 9.936 min Scan# 2751
Delta R.T. -0.000 min
Lab File: VV019990.D
Acq: 13 Jan 2021 16:45

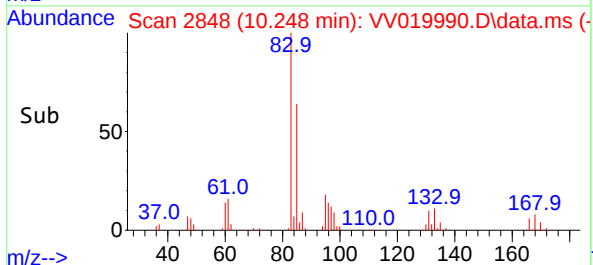
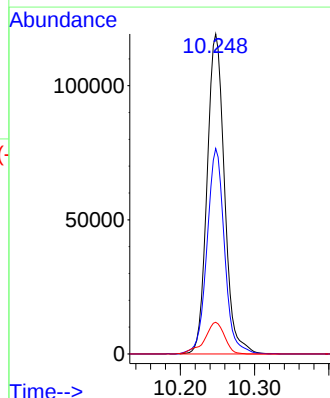
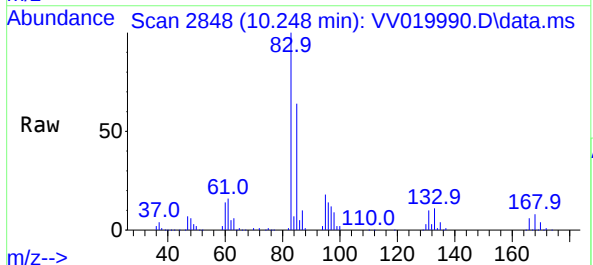
Instrument :
MSVOA_V
ClientSampleId :
VSTD05065

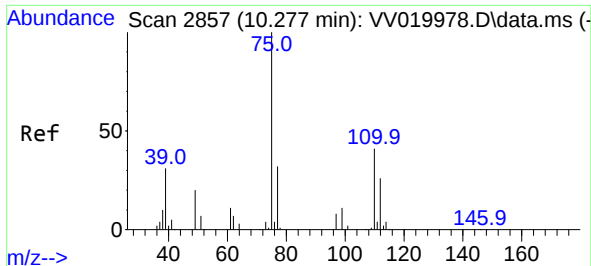
Tgt Ion:105 Resp: 583818
Ion Ratio Lower Upper
105 100
120 25.8 20.5 30.7
77 17.2 13.6 20.4



#58
1,1,2,2-Tetrachloroethane
Concen: 45.74 ug/L
RT: 10.248 min Scan# 2848
Delta R.T. -0.000 min
Lab File: VV019990.D
Acq: 13 Jan 2021 16:45

Tgt Ion: 83 Resp: 193411
Ion Ratio Lower Upper
83 100
85 64.2 44.3 82.3
131 9.9 7.3 10.9

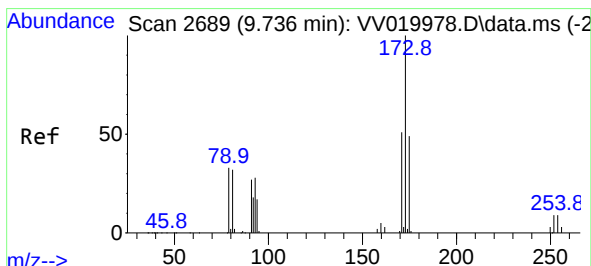
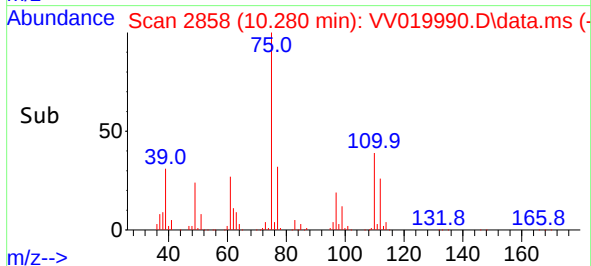
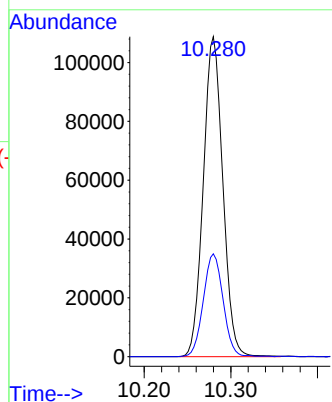
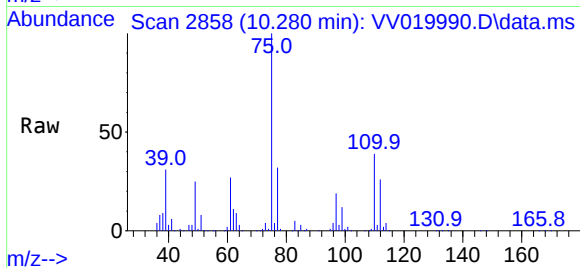




#59
1,2,3-Trichloropropane
Concen: 45.57 ug/L
RT: 10.280 min Scan# 2858
Delta R.T. 0.003 min
Lab File: VV019990.D
Acq: 13 Jan 2021 16:45

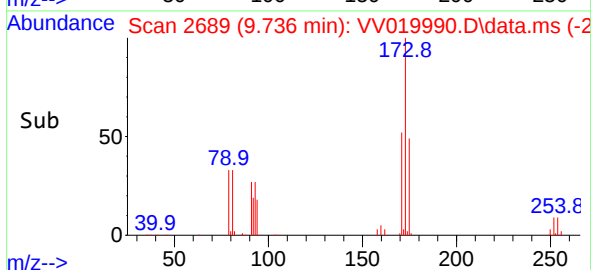
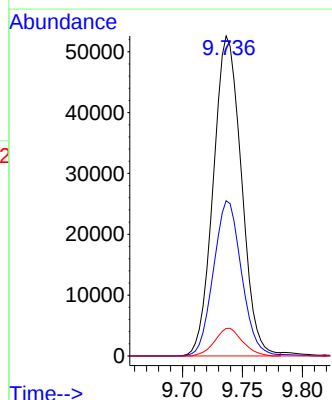
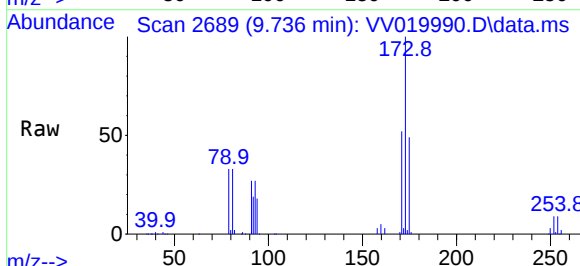
Instrument :
MSVOA_V
ClientSampleId :
VSTD05065

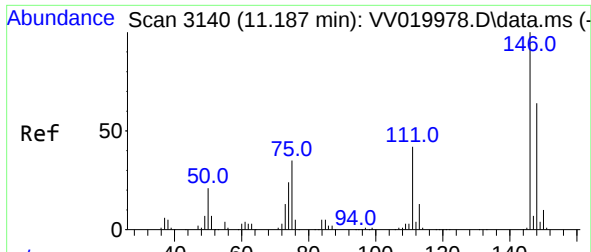
Tgt Ion: 75 Resp: 170302
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.0



#61
Bromoform
Concen: 42.07 ug/L
RT: 9.736 min Scan# 2689
Delta R.T. -0.000 min
Lab File: VV019990.D
Acq: 13 Jan 2021 16:45

Tgt Ion: 173 Resp: 85647
Ion Ratio Lower Upper
173 100
175 48.5 38.6 57.8
254 8.6 6.5 9.7

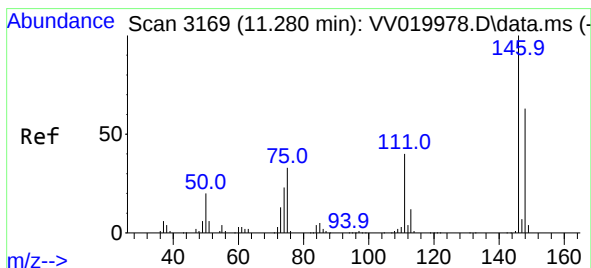
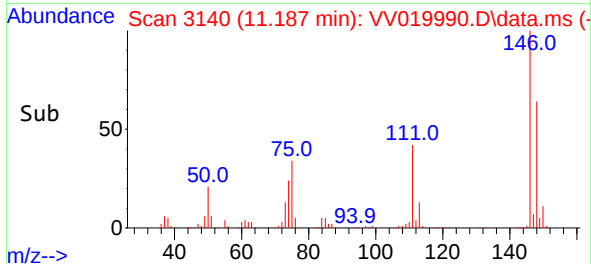
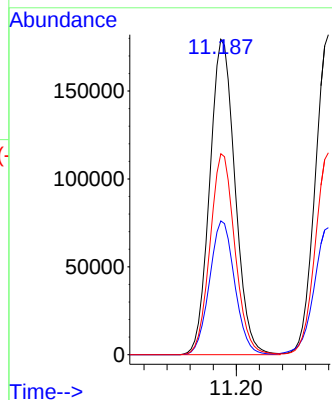
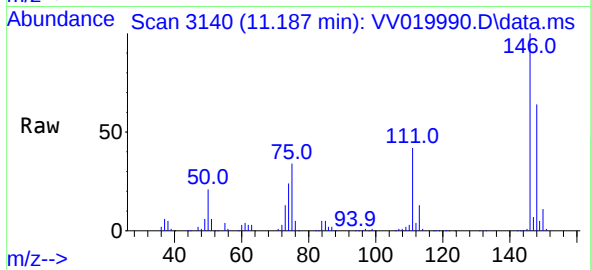




#62
1,3-Dichlorobenzene
Concen: 45.46 ug/L
RT: 11.187 min Scan# 3140
Delta R.T. -0.000 min
Lab File: VV019990.D
Acq: 13 Jan 2021 16:45

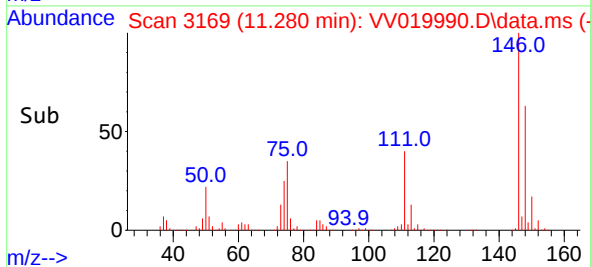
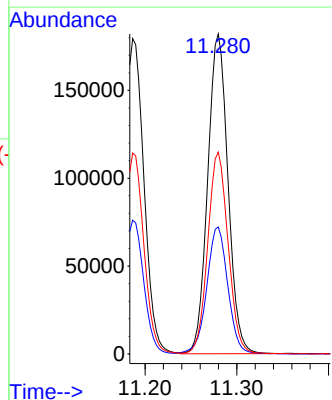
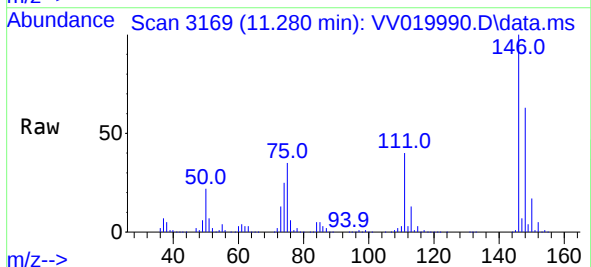
Instrument :
MSVOA_V
ClientSampleId :
VSTD05065

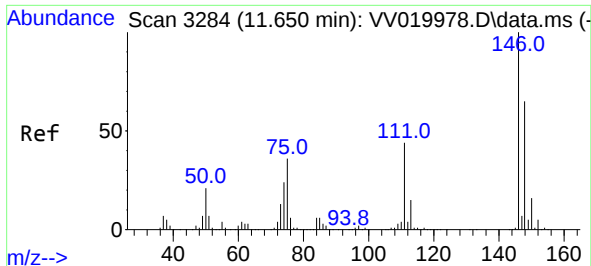
Tgt Ion:146 Resp: 272738
Ion Ratio Lower Upper
146 100
111 42.4 30.2 56.2
148 63.7 45.0 83.6



#63
1,4-Dichlorobenzene
Concen: 45.32 ug/L
RT: 11.280 min Scan# 3169
Delta R.T. -0.000 min
Lab File: VV019990.D
Acq: 13 Jan 2021 16:45

Tgt Ion:146 Resp: 279030
Ion Ratio Lower Upper
146 100
111 39.7 29.4 54.6
148 63.1 44.7 83.1



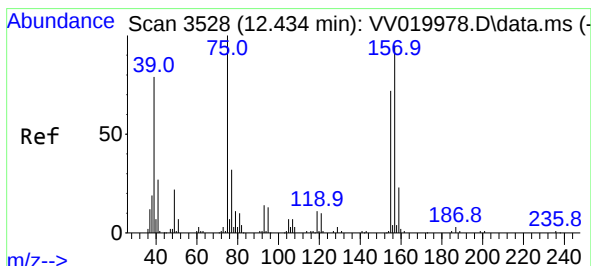
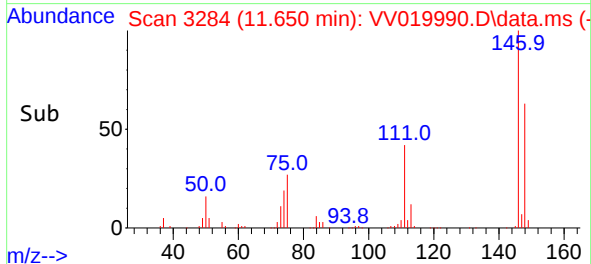
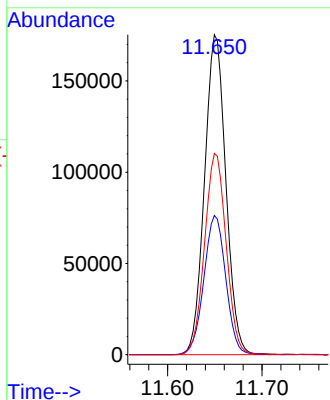
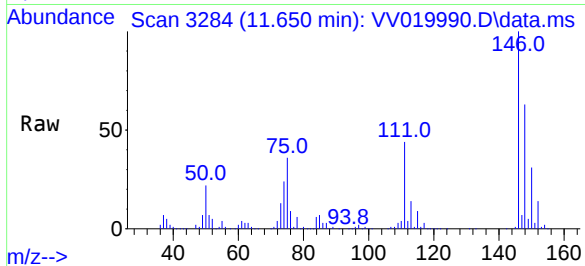


#65
1,2-Dichlorobenzene
Concen: 45.49 ug/L
RT: 11.650 min Scan# 3284
Delta R.T. -0.000 min
Lab File: VV019990.D
Acq: 13 Jan 2021 16:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD05065

Tgt Ion:146 Resp: 274971

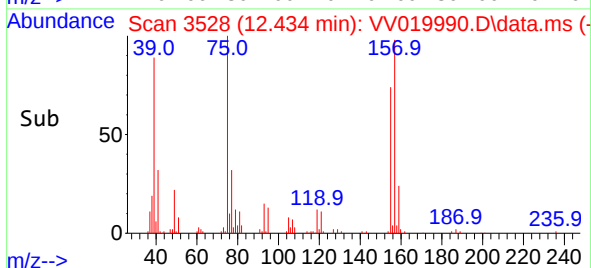
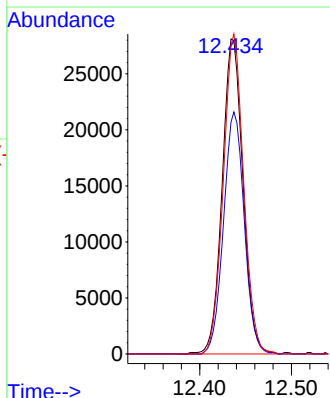
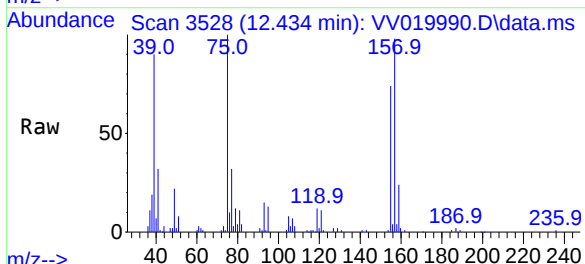
Ion	Ratio	Lower	Upper
146	100		
111	43.5	36.3	54.5
148	62.9	51.7	77.5

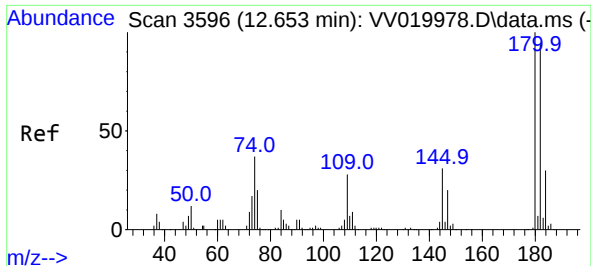


#66
1,2-Dibromo-3-chloropropane
Concen: 42.08 ug/L
RT: 12.434 min Scan# 3528
Delta R.T. -0.000 min
Lab File: VV019990.D
Acq: 13 Jan 2021 16:45

Tgt Ion: 75 Resp: 44240

Ion	Ratio	Lower	Upper
75	100		
155	73.6	59.1	88.7
157	97.8	75.4	113.0

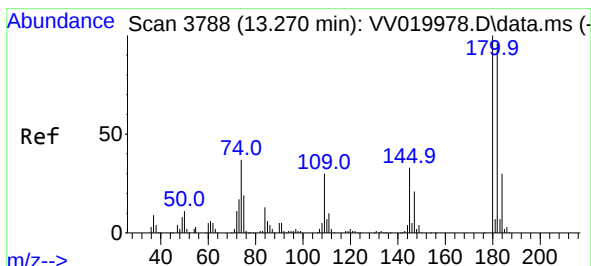
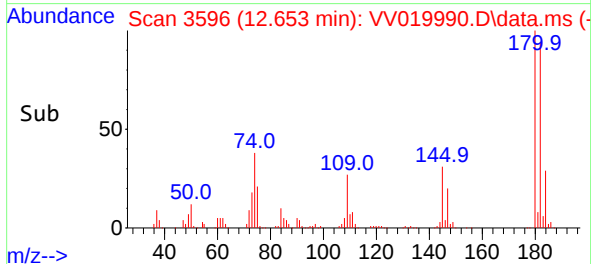
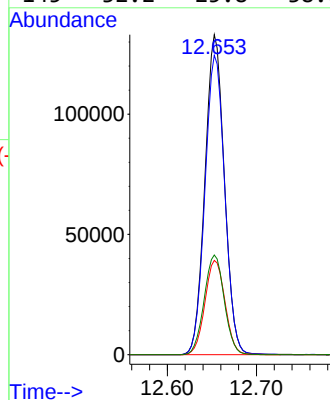
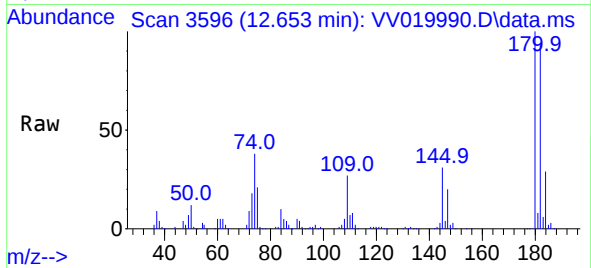




#67
1,3,5-Trichlorobenzene
Concen: 44.71 ug/L
RT: 12.653 min Scan# 3596
Delta R.T. -0.000 min
Lab File: VV019990.D
Acq: 13 Jan 2021 16:45

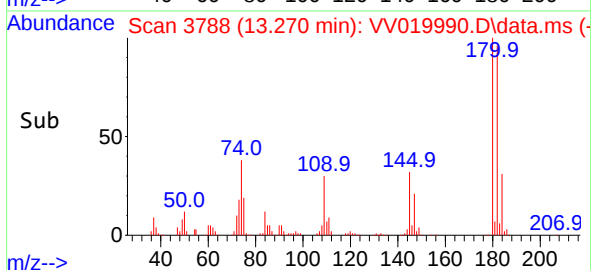
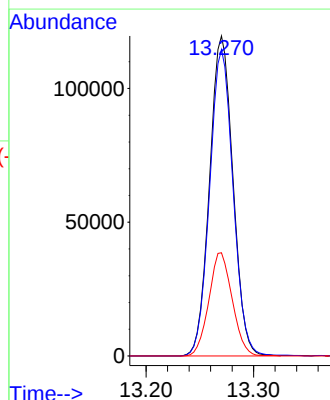
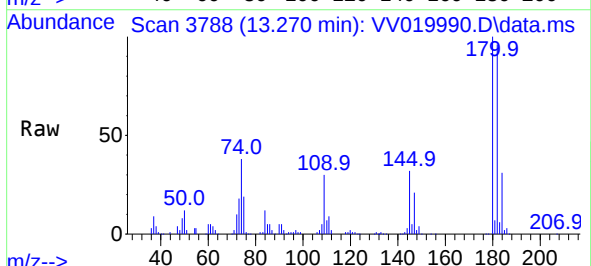
Instrument :
MSVOA_V
ClientSampleId :
VSTD05065

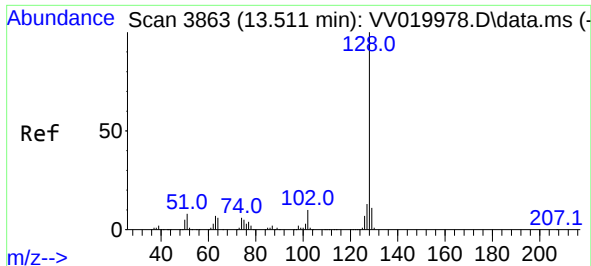
Tgt Ion:180 Resp: 201480
Ion Ratio Lower Upper
180 100
182 95.3 75.0 112.6
184 30.4 24.0 36.0
145 32.2 25.8 38.6



#68
1,2,4-trichlorobenzene
Concen: 45.33 ug/L
RT: 13.270 min Scan# 3788
Delta R.T. -0.000 min
Lab File: VV019990.D
Acq: 13 Jan 2021 16:45

Tgt Ion:180 Resp: 180585
Ion Ratio Lower Upper
180 100
182 95.9 75.1 112.7
145 32.2 26.8 40.2

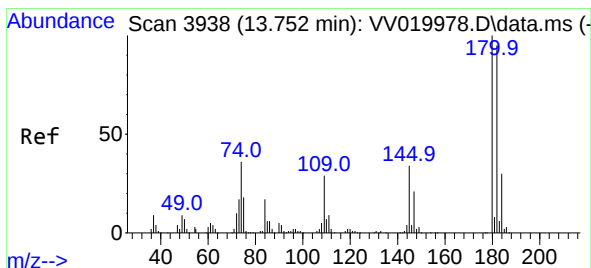
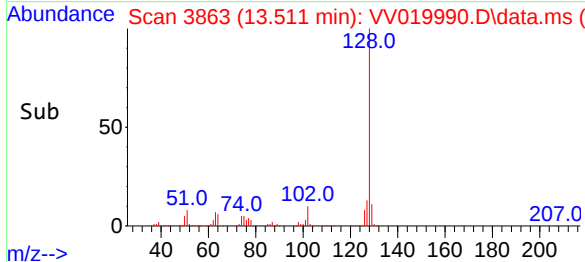
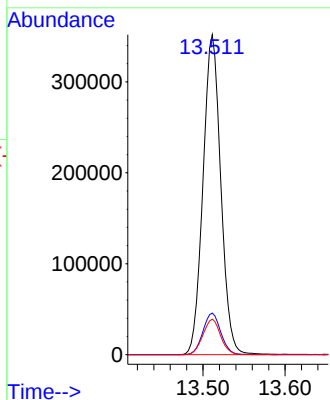
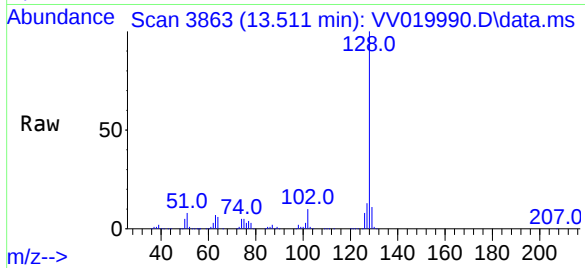




#69
Naphthalene
Concen: 45.94 ug/L
RT: 13.511 min Scan# 3863
Delta R.T. -0.000 min
Lab File: VV019990.D
Acq: 13 Jan 2021 16:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD05065

Tgt Ion:	128	Resp:	529369
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.1	8.6	13.0



#70
1,2,3-Trichlorobenzene
Concen: 46.23 ug/L
RT: 13.752 min Scan# 3938
Delta R.T. -0.000 min
Lab File: VV019990.D
Acq: 13 Jan 2021 16:45

Tgt Ion:	180	Resp:	178764
Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.1	114.1
145	34.2	27.9	41.9

