

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011421\
 Data File : VV019992.D
 Acq On : 14 Jan 2021 09:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05066

Quant Time: Jan 15 01:06:13 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	5.617	114	405142	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.855	117	397439	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	220282	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	140882	41.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.46%
7) Chloroethane-d5	1.569	69	131003	48.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.06%
11) 1,1-Dichloroethene-d2	2.110	63	306882	45.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.18%
21) 2-Butanone-d5	3.881	46	208849	94.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.21%
24) Chloroform-d	4.347	84	282547	45.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.032	65	195857	46.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.60%
32) Benzene-d6	5.052	84	495403	44.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.32%
36) 1,2-Dichloropropane-d6	6.071	67	157221	44.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.78%
41) Toluene-d8	7.318	98	458205	45.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.14%
43) trans-1,3-Dichloroprop...	7.624	79	82301	45.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.58%
47) 2-Hexanone-d5	8.090	63	134474	95.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.78%
57) 1,1,2,2-Tetrachloroeth...	10.222	84	223111	47.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.24%
64) 1,2-Dichlorobenzene-d4	11.630	152	193268	45.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.84%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.129	85	191142	48.83	ug/L	100
3) Chloromethane	1.241	50	179580	47.86	ug/L	99
5) Vinyl chloride	1.312	62	185228	48.78	ug/L	99
6) Bromomethane	1.524	94	118284	49.95	ug/L	97
8) Chloroethane	1.585	64	126905	54.30	ug/L	100
9) Trichlorofluoromethane	1.753	101	276838	51.90	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	157145	53.03	ug/L	96
12) 1,1-Dichloroethene	2.119	96	142898	50.01	ug/L	87
13) Acetone	2.174	43	219266	111.94	ug/L	97
14) Carbon disulfide	2.296	76	394798	46.51	ug/L	99
15) Methyl Acetate	2.431	43	153622	46.22	ug/L	98
16) Methylene chloride	2.508	84	149911	49.37	ug/L	97
17) trans-1,2-Dichloroethene	2.759	96	139647	48.76	ug/L	98
18) Methyl tert-butyl Ether	2.765	73	451310	48.39	ug/L	98
19) 1,1-Dichloroethane	3.190	63	267817	48.91	ug/L	98
20) cis-1,2-Dichloroethene	3.910	96	148754	48.64	ug/L	100
22) 2-Butanone	3.965	43	244109	103.44	ug/L	100
23) Bromochloromethane	4.251	128	77737	48.64	ug/L	92
25) Chloroform	4.376	83	280081	48.65	ug/L	97

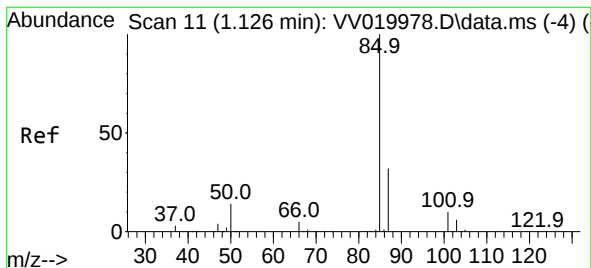
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011421\
 Data File : VV019992.D
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Instrument :
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Quant Time: Jan 15 01:06:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
 Quant 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)
27) 1,2-Dichloroethane	5.132	62	241287	50.16	ug/L	99
29) Cyclohexane	4.679	56	232996	49.58	ug/L	96
30) 1,1,1-Trichloroethane	4.608	97	255401	48.85	ug/L	99
31) Carbon tetrachloride	4.830	117	220034	49.36	ug/L	99
33) Benzene	5.100	78	569009	49.32	ug/L	100
34) Trichloroethene	5.916	95	159465	48.23	ug/L	98
35) Methylcyclohexane	6.132	83	243607	51.56	ug/L	98
37) 1,2-Dichloropropane	6.174	63	150210	50.19	ug/L	98
38) Bromodichloromethane	6.511	83	208747	48.29	ug/L	100
39) cis-1,3-Dichloropropene	7.029	75	240221	51.26	ug/L	100
40) 4-Methyl-2-pentanone	7.225	43	436681	94.96	ug/L	98
42) Toluene	7.389	91	607184	49.42	ug/L	99
44) trans-1,3-Dichloropropene	7.653	75	236030	49.65	ug/L	99
45) 1,1,2-Trichloroethane	7.842	97	143463	48.77	ug/L	98
46) Tetrachloroethene	7.977	164	116494	49.08	ug/L	99
48) 2-Hexanone	8.141	43	354343	97.96	ug/L	99
49) Dibromochloromethane	8.248	129	157932	48.62	ug/L	98
50) 1,2-Dibromoethane	8.354	107	152621	48.36	ug/L	97
51) Chlorobenzene	8.884	112	396232	48.69	ug/L	100
52) Ethylbenzene	9.016	91	700393	50.20	ug/L	99
53) m,p-Xylene	9.141	106	259052	50.83	ug/L	99
54) o-xylene	9.547	106	252446	50.32	ug/L	98
55) Styrene	9.563	104	438078	50.51	ug/L	98
56) Isopropylbenzene	9.936	105	694583	51.18	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.247	83	224388	48.73	ug/L	98
59) 1,2,3-Trichloropropane	10.280	75	192107	47.20	ug/L	98
61) Bromoform	9.736	173	106646	47.55	ug/L	99
62) 1,3-Dichlorobenzene	11.186	146	327685	49.57	ug/L	98
63) 1,4-Dichlorobenzene	11.280	146	337462	49.75	ug/L	99
65) 1,2-Dichlorobenzene	11.649	146	325784	48.92	ug/L	98
66) 1,2-Dibromo-3-chloropr...	12.437	75	53891	46.53	ug/L	96
67) 1,3,5-Trichlorobenzene	12.653	180	246154	49.58	ug/L	98
68) 1,2,4-trichlorobenzene	13.270	180	222822	50.77	ug/L	99
69) Naphthalene	13.511	128	640618	50.46	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	217078	50.95	ug/L	99

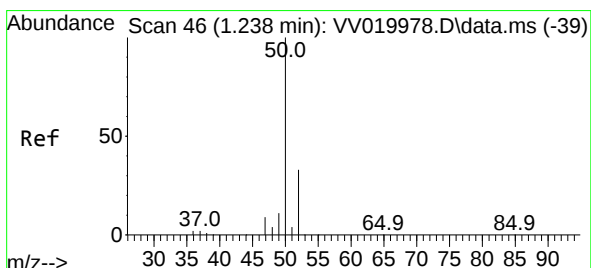
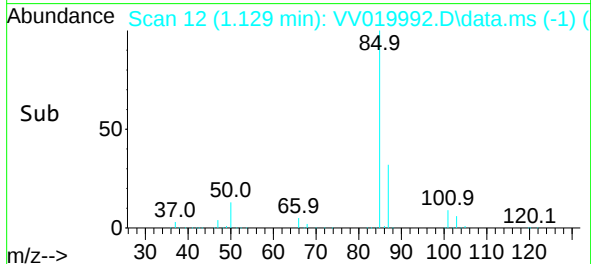
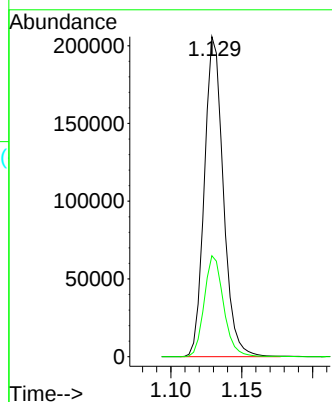
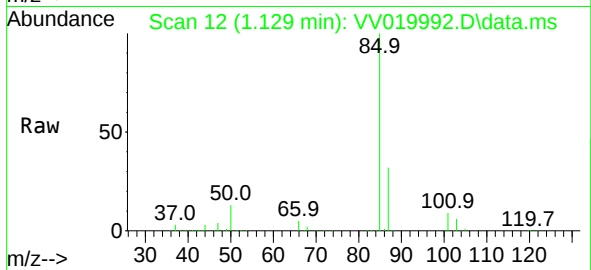
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 48.83 ug/L
RT: 1.129 min Scan# 12
Delta R.T. 0.003 min
Lab File: VV019992.D
Acq: 14 Jan 2021 09:52

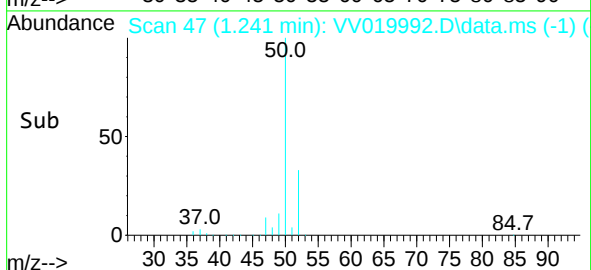
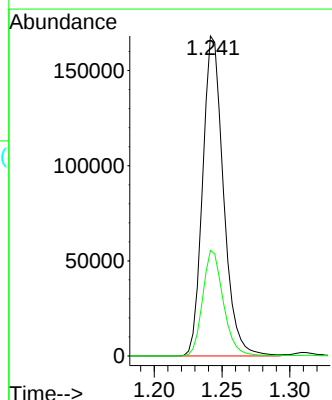
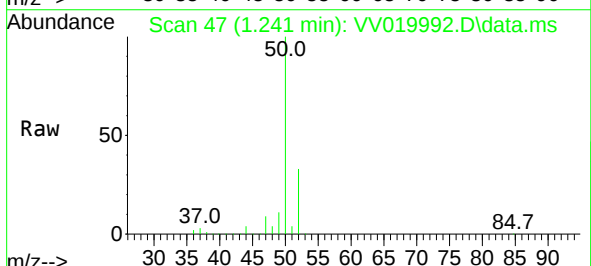
Instrument :
MSVOA_V
ClientSampleId :
VSTD05066

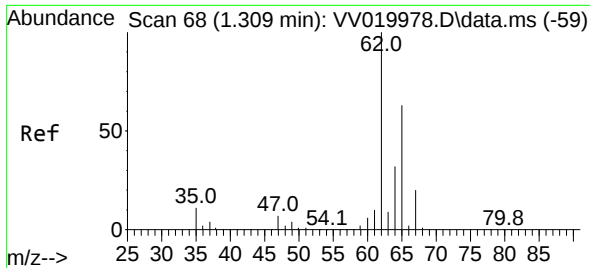
Tgt Ion: 85 Resp: 191142
Ion Ratio Lower Upper
85 100
87 32.2 25.9 38.9



#3
Chloromethane
Concen: 47.86 ug/L
RT: 1.241 min Scan# 47
Delta R.T. 0.003 min
Lab File: VV019992.D
Acq: 14 Jan 2021 09:52

Tgt Ion: 50 Resp: 179580
Ion Ratio Lower Upper
50 100
52 33.0 22.7 42.1

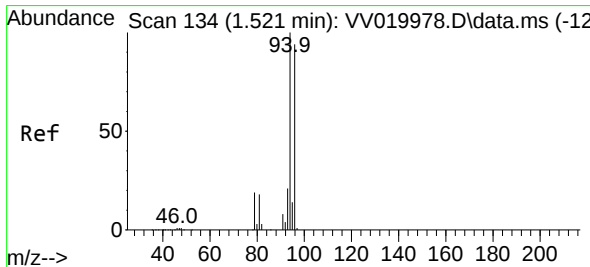
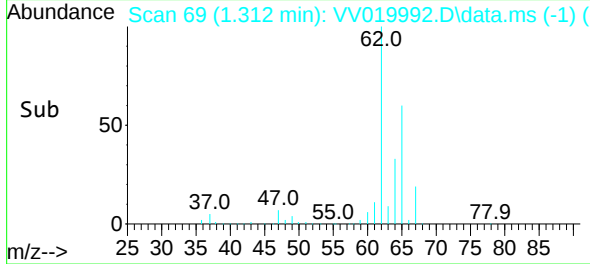
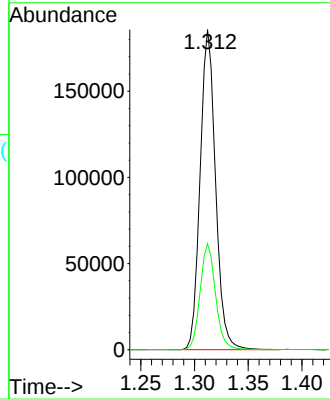
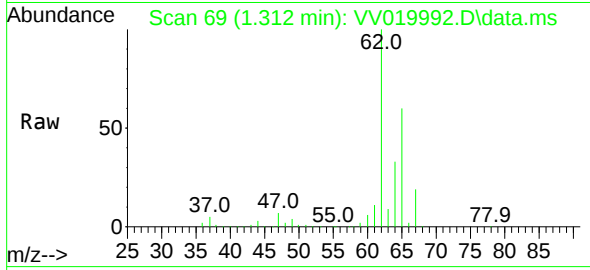




#5
 Vinyl chloride
 Concen: 48.78 ug/L
 RT: 1.312 min Scan# 69
 Delta R.T. 0.003 min
 Lab File: VV019992.D
 Acq: 14 Jan 2021 09:52

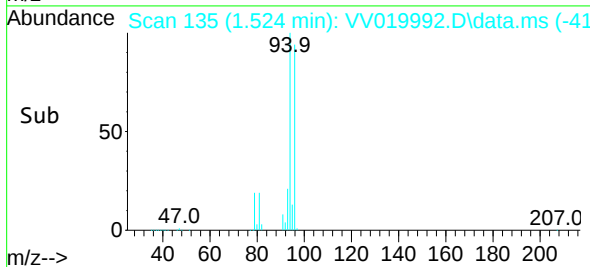
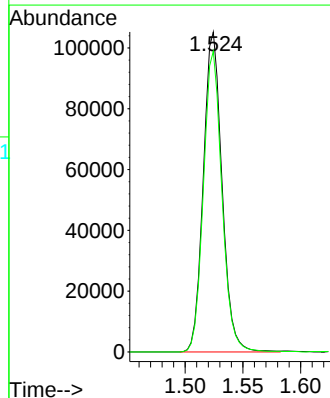
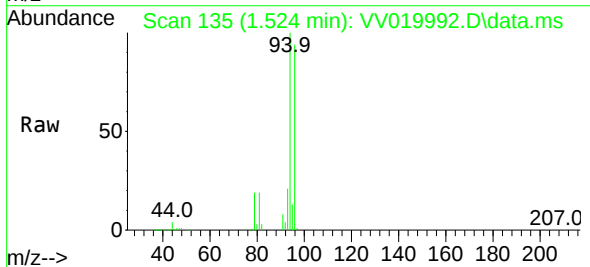
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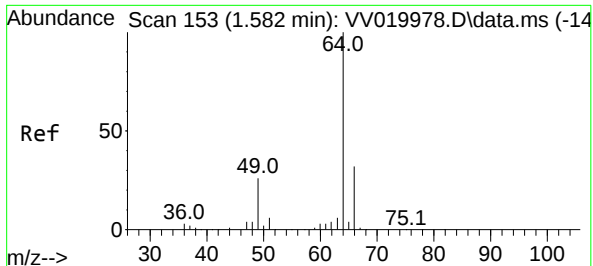
Tgt Ion: 62 Resp: 185228
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.0 42.6



#6
 Bromomethane
 Concen: 49.95 ug/L
 RT: 1.524 min Scan# 135
 Delta R.T. 0.003 min
 Lab File: VV019992.D
 Acq: 14 Jan 2021 09:52

Tgt Ion: 94 Resp: 118284
 Ion Ratio Lower Upper
 94 100
 96 94.0 63.6 118.2

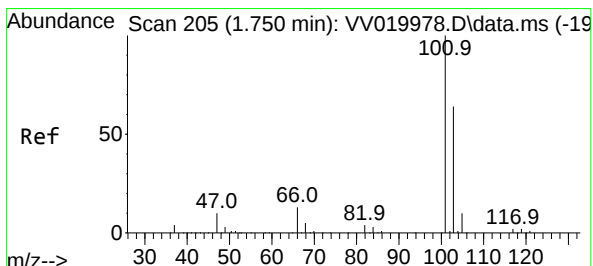
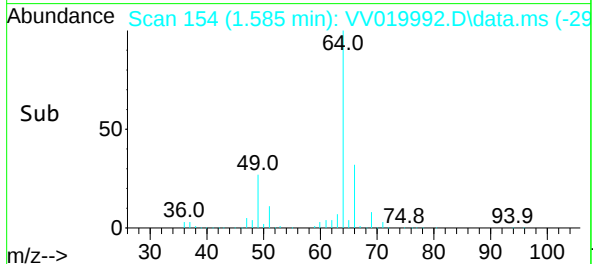
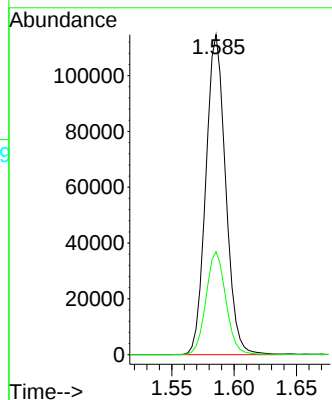
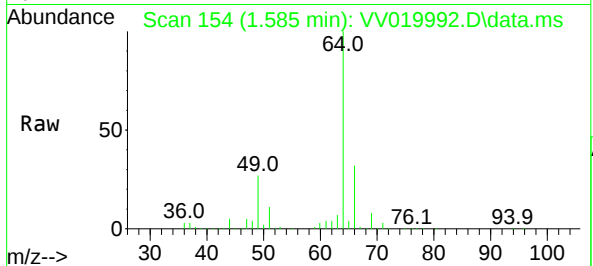




#8
Chloroethane
Concen: 54.30 ug/L
RT: 1.585 min Scan# 154
Delta R.T. 0.003 min
Lab File: VV019992.D
Acq: 14 Jan 2021 09:52

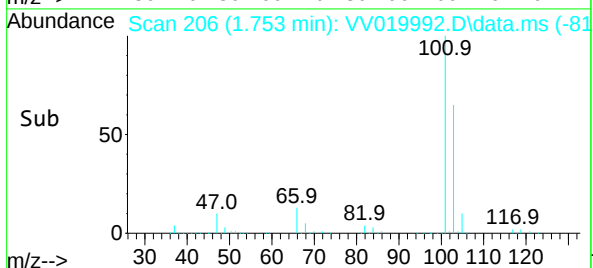
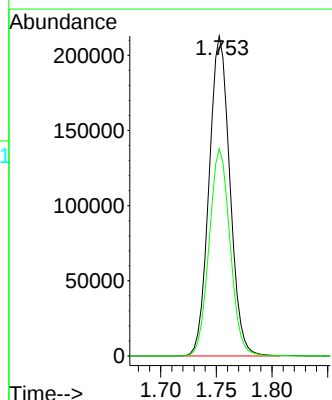
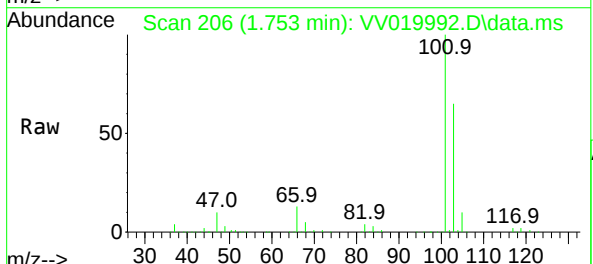
Instrument :
MSVOA_V
ClientSampleId :
VSTD05066

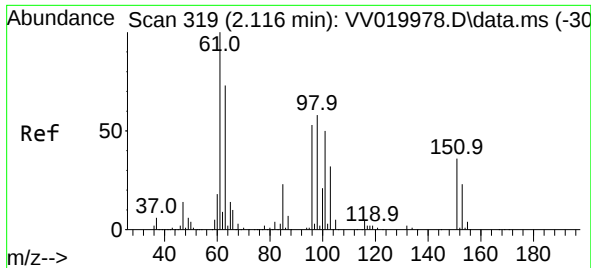
Tgt Ion: 64 Resp: 126905
Ion Ratio Lower Upper
64 100
66 32.2 22.4 41.6



#9
Trichlorofluoromethane
Concen: 51.90 ug/L
RT: 1.753 min Scan# 206
Delta R.T. 0.003 min
Lab File: VV019992.D
Acq: 14 Jan 2021 09:52

Tgt Ion:101 Resp: 276838
Ion Ratio Lower Upper
101 100
103 65.0 51.7 77.5

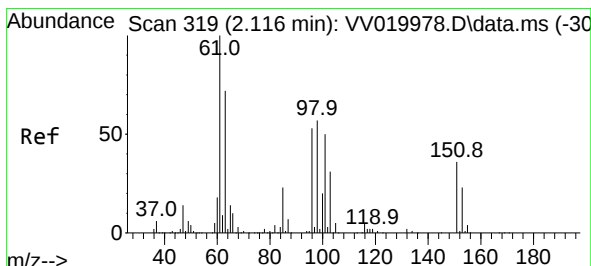
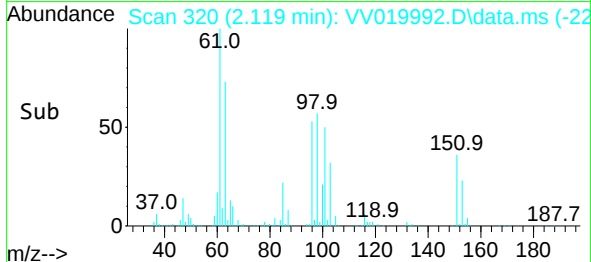
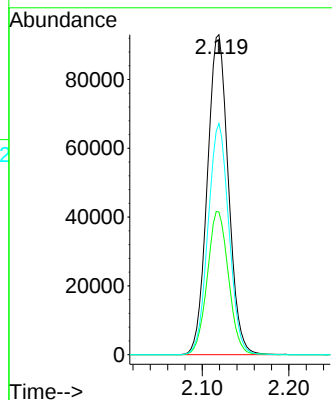
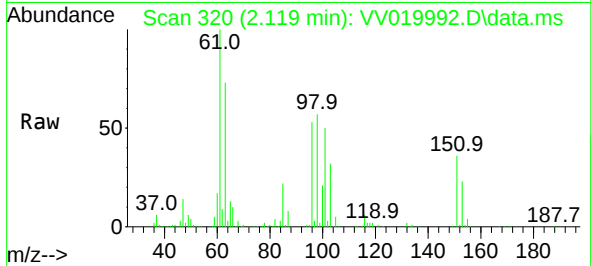




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 53.03 ug/L
 RT: 2.119 min Scan# 320
 Delta R.T. 0.003 min
 Lab File: VV019992.D
 Acq: 14 Jan 2021 09:52

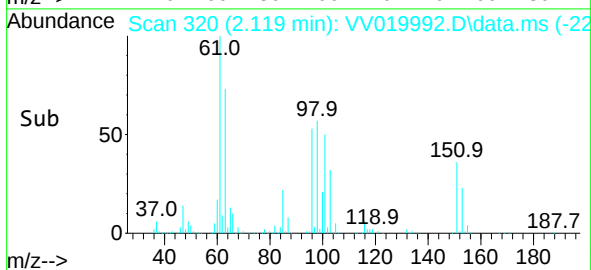
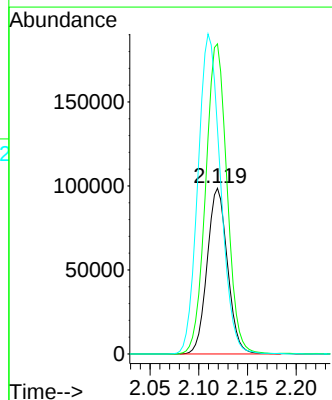
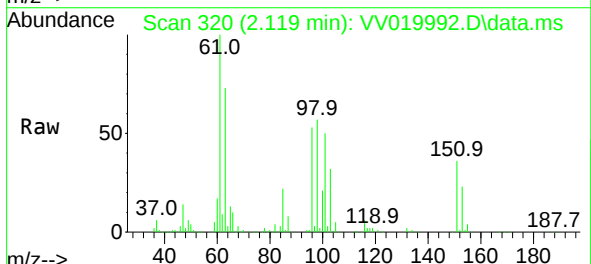
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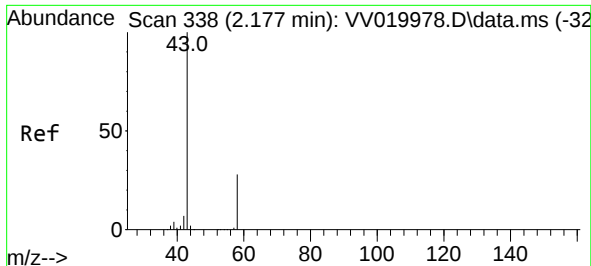
Tgt Ion:	101	Resp:	157145
Ion	Ratio	Lower	Upper
101	100		
85	45.2	35.3	52.9
151	71.5	53.6	80.4



#12
 1,1-Dichloroethene
 Concen: 50.01 ug/L
 RT: 2.119 min Scan# 320
 Delta R.T. 0.003 min
 Lab File: VV019992.D
 Acq: 14 Jan 2021 09:52

Tgt Ion:	96	Resp:	142898
Ion	Ratio	Lower	Upper
96	100		
61	187.0	134.9	250.5
63	135.7	117.6	218.4

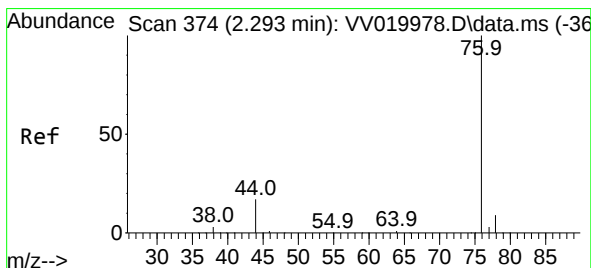
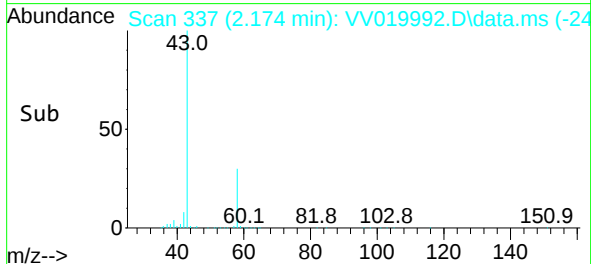
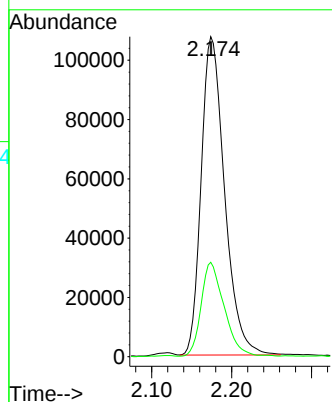
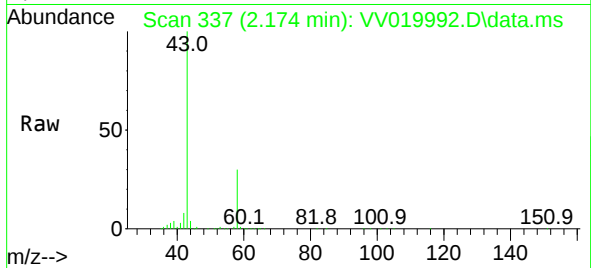




#13
Acetone
Concen: 111.94 ug/L
RT: 2.174 min Scan# 337
Delta R.T. -0.003 min
Lab File: VV019992.D
Acq: 14 Jan 2021 09:52

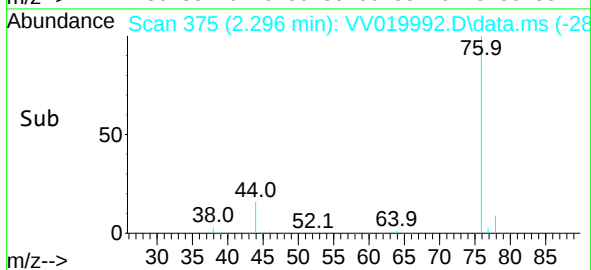
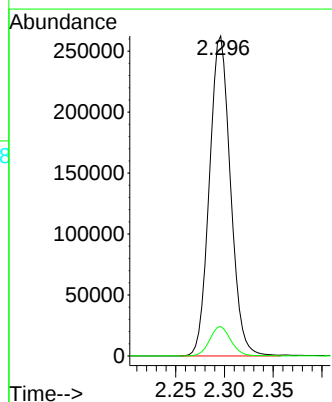
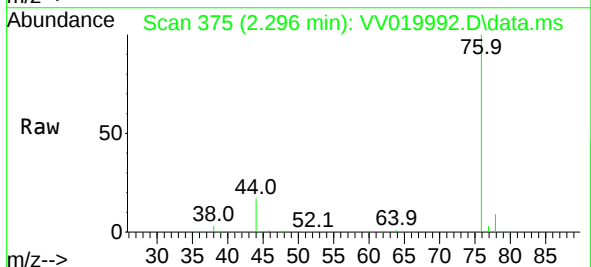
Instrument :
MSVOA_V
ClientSampleId :
VSTD05066

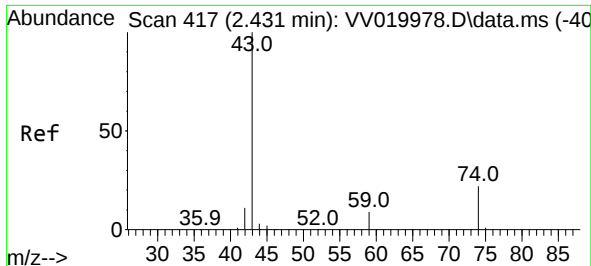
Tgt Ion: 43 Resp: 219266
Ion Ratio Lower Upper
43 100
58 28.6 0.0 60.2



#14
Carbon disulfide
Concen: 46.51 ug/L
RT: 2.296 min Scan# 375
Delta R.T. 0.003 min
Lab File: VV019992.D
Acq: 14 Jan 2021 09:52

Tgt Ion: 76 Resp: 394798
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

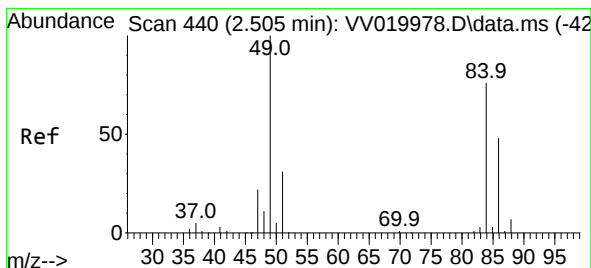
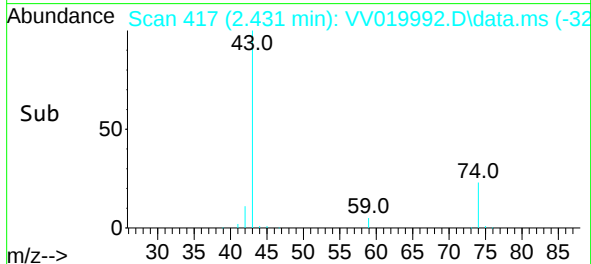
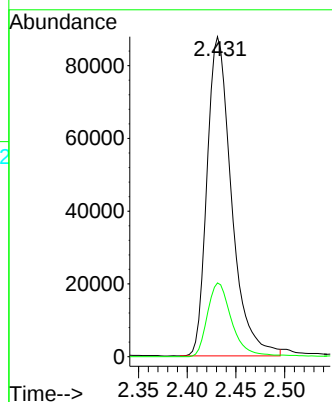
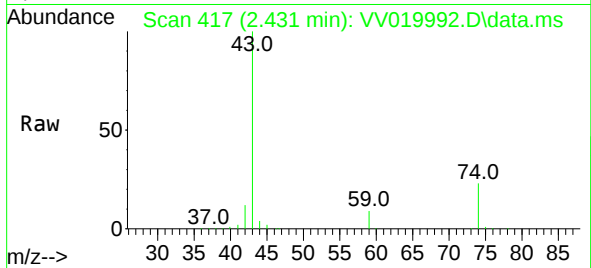




#15
Methyl Acetate
Concen: 46.22 ug/L
RT: 2.431 min Scan# 417
Delta R.T. -0.000 min
Lab File: VV019992.D
Acq: 14 Jan 2021 09:52

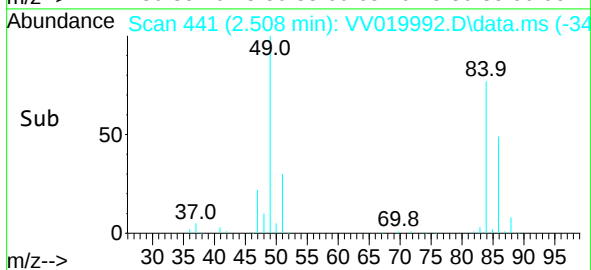
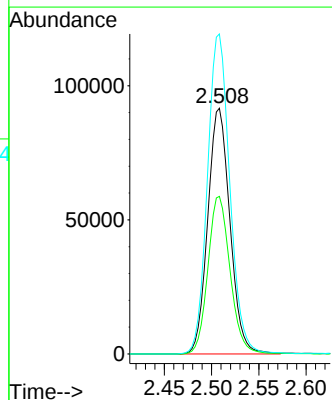
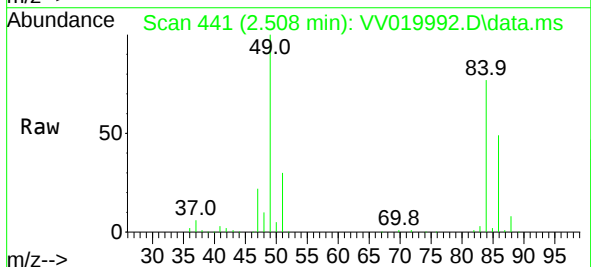
Instrument :
MSVOA_V
ClientSampleId :
VSTD05066

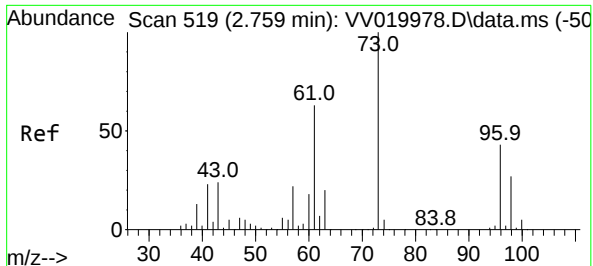
Tgt Ion: 43 Resp: 153622
Ion Ratio Lower Upper
43 100
74 22.8 17.6 26.4



#16
Methylene chloride
Concen: 49.37 ug/L
RT: 2.508 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV019992.D
Acq: 14 Jan 2021 09:52

Tgt Ion: 84 Resp: 149911
Ion Ratio Lower Upper
84 100
86 64.1 44.6 82.8
49 130.2 94.6 175.8



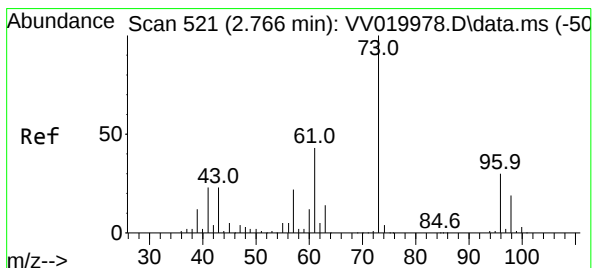
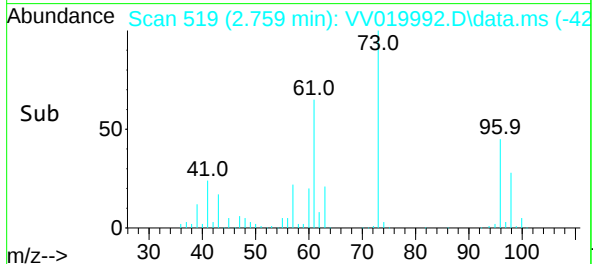
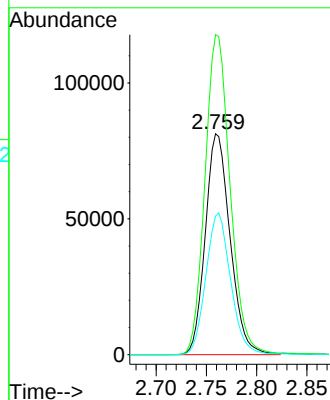
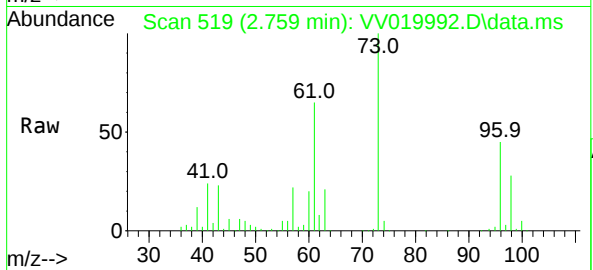


#17

trans-1,2-Dichloroethene
Concen: 48.76 ug/L
RT: 2.759 min Scan# 519
Delta R.T. -0.000 min
Lab File: VV019992.D
Acq: 14 Jan 2021 09:52

Instrument :
MSVOA_V
ClientSampleId :
VSTD05066

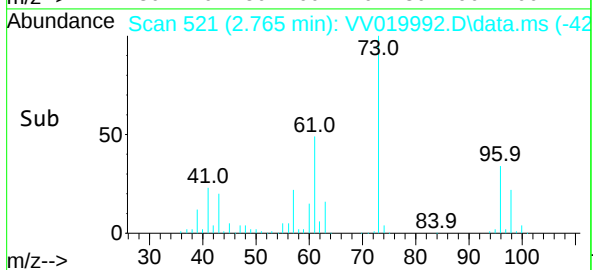
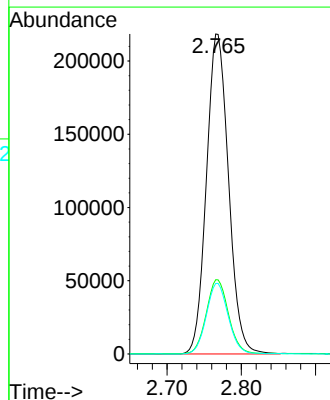
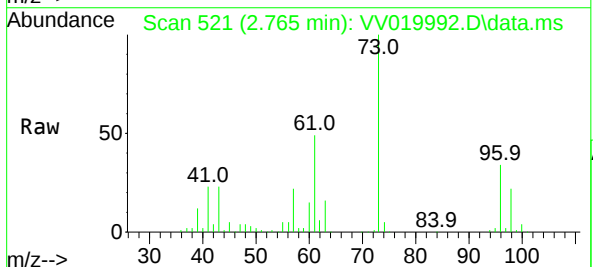
Tgt Ion: 96 Resp: 139647
Ion Ratio Lower Upper
96 100
61 144.8 103.1 191.5
98 62.7 43.1 80.1

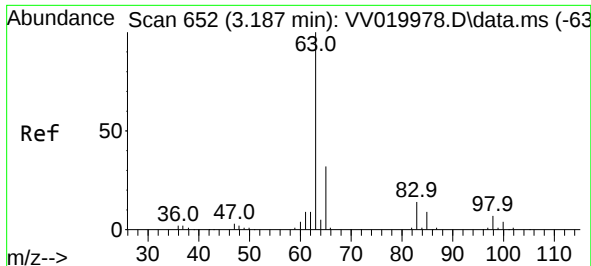


#18

Methyl tert-butyl Ether
Concen: 48.39 ug/L
RT: 2.765 min Scan# 521
Delta R.T. -0.000 min
Lab File: VV019992.D
Acq: 14 Jan 2021 09:52

Tgt Ion: 73 Resp: 451310
Ion Ratio Lower Upper
73 100
43 23.1 17.3 25.9
57 21.7 17.9 26.9





#19

1,1-Dichloroethane

Concen: 48.91 ug/L

RT: 3.190 min Scan# 653

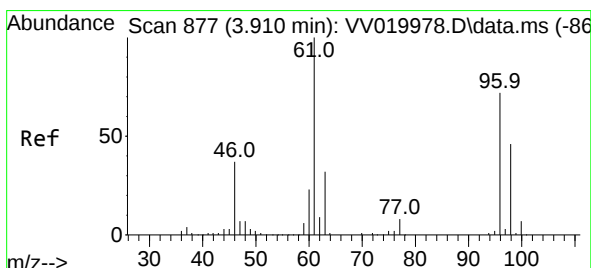
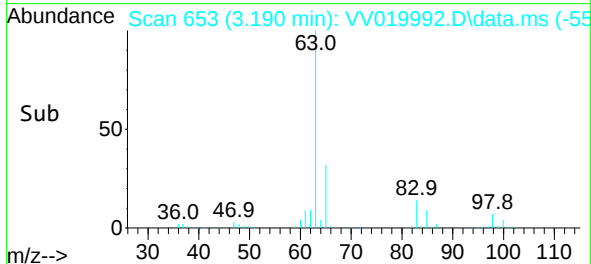
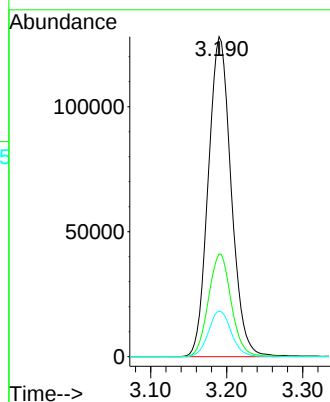
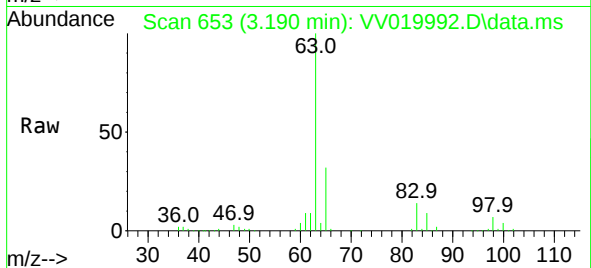
Delta R.T. 0.003 min

Lab File: VV019992.D

Acq: 14 Jan 2021 09:52

Tgt Ion: 63 Resp: 267817

Ion	Ratio	Lower	Upper
63	100		
65	32.1	21.9	40.7
83	14.2	9.5	17.7



#20

cis-1,2-Dichloroethene

Concen: 48.64 ug/L

RT: 3.910 min Scan# 877

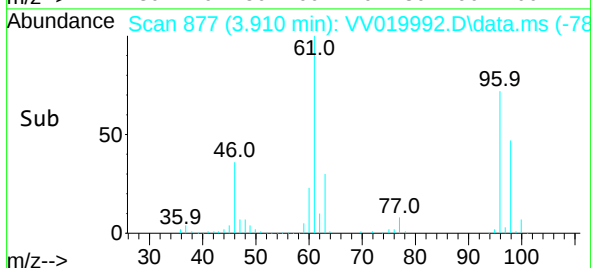
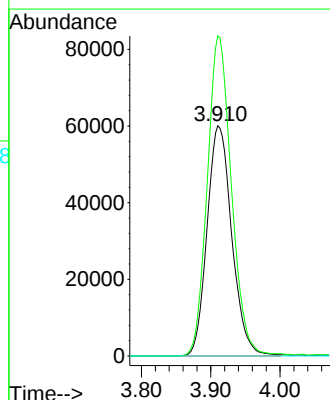
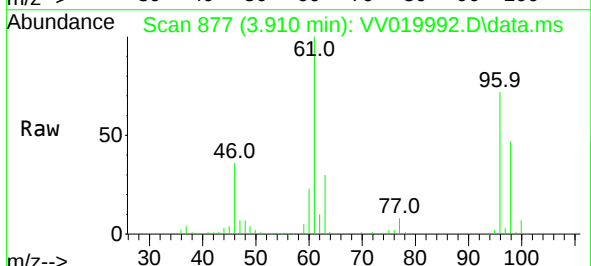
Delta R.T. -0.000 min

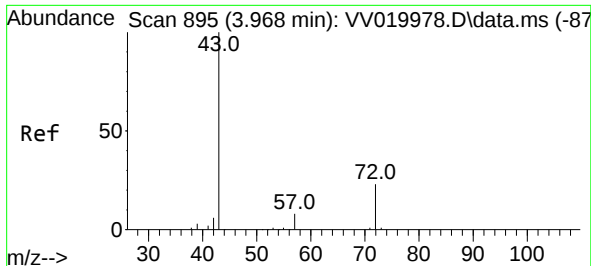
Lab File: VV019992.D

Acq: 14 Jan 2021 09:52

Tgt Ion: 96 Resp: 148754

Ion	Ratio	Lower	Upper
96	100		
61	139.0	96.9	179.9
68	0.0	0.0	0.0

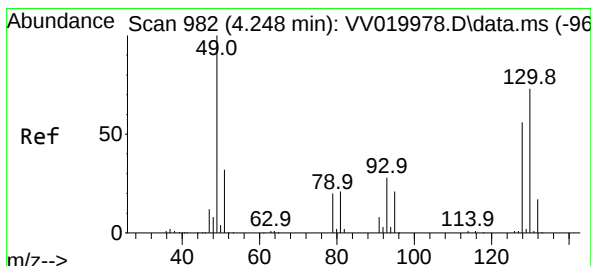
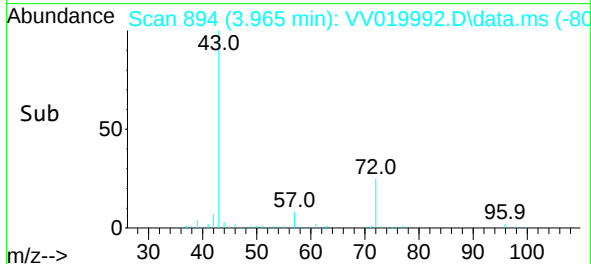
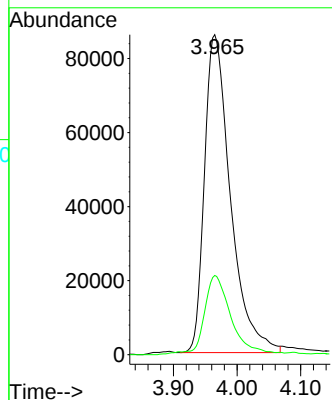
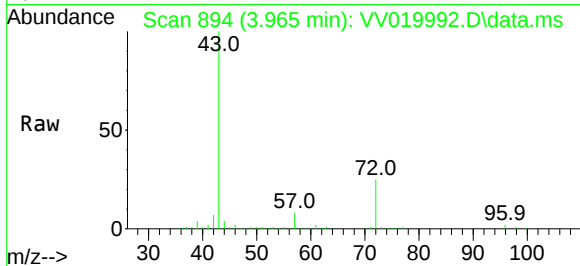




#22
2-Butanone
Concen: 103.44 ug/L
RT: 3.965 min Scan# 894
Delta R.T. -0.003 min
Lab File: VV019992.D
Acq: 14 Jan 2021 09:52

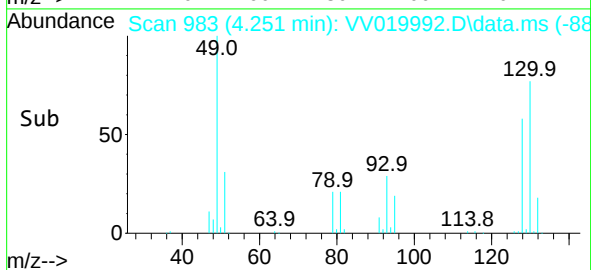
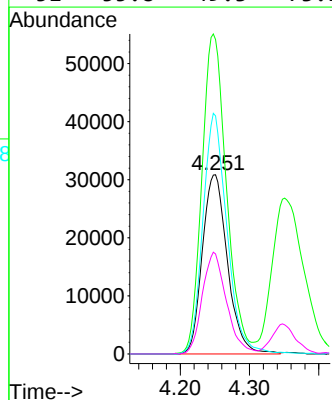
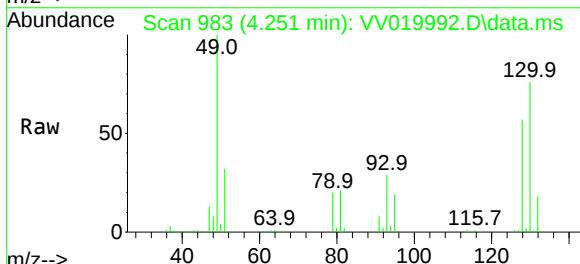
Instrument :
MSVOA_V
ClientSampleId :
VSTD05066

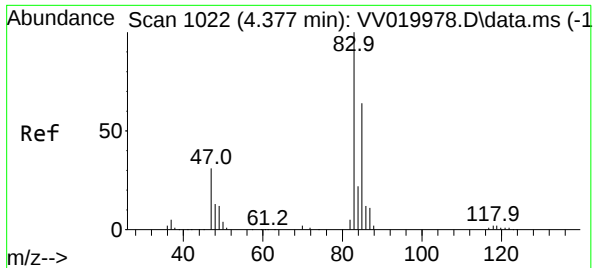
Tgt Ion: 43 Resp: 244109
Ion Ratio Lower Upper
43 100
72 24.4 12.2 36.6



#23
Bromochloromethane
Concen: 48.64 ug/L
RT: 4.251 min Scan# 983
Delta R.T. 0.003 min
Lab File: VV019992.D
Acq: 14 Jan 2021 09:52

Tgt Ion: 128 Resp: 77737
Ion Ratio Lower Upper
128 100
49 175.4 133.1 247.1
130 132.8 89.0 165.4
51 55.8 49.3 73.9

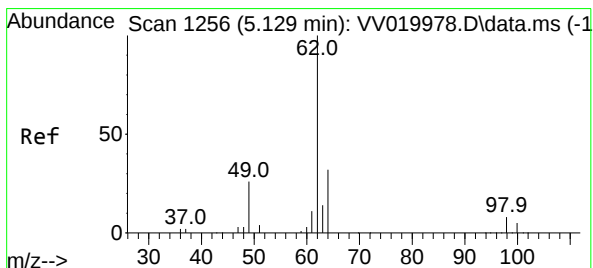
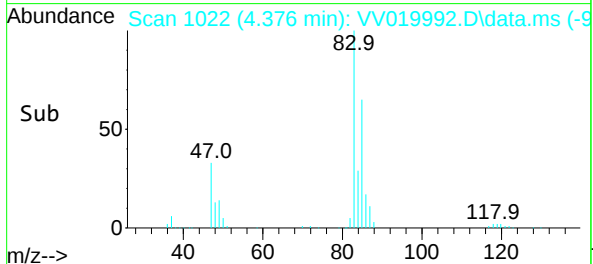
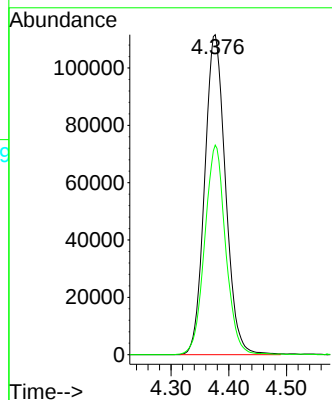
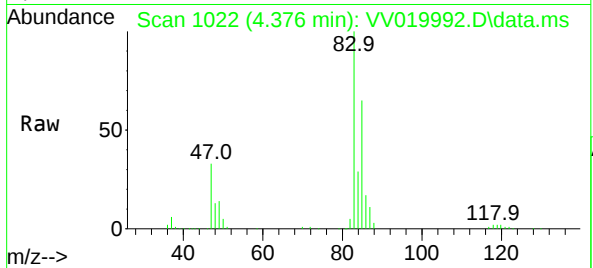




#25
Chloroform
Concen: 48.65 ug/L
RT: 4.376 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VV019992.D
Acq: 14 Jan 2021 09:52

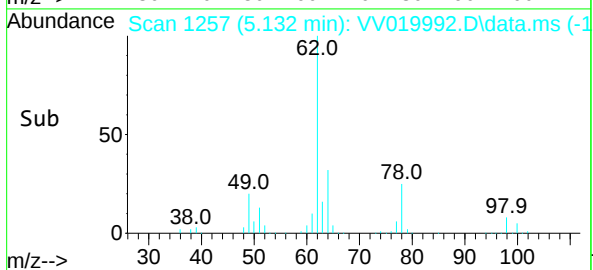
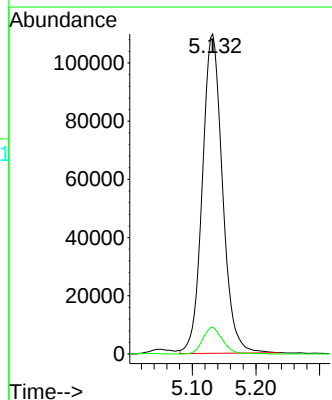
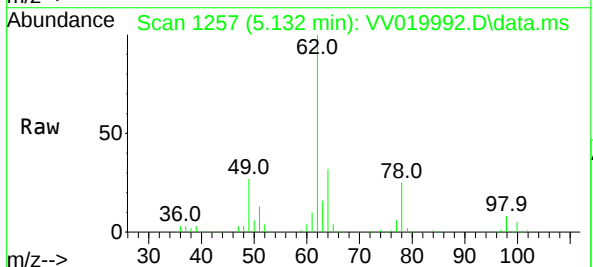
Instrument :
MSVOA_V
ClientSampleId :
VSTD05066

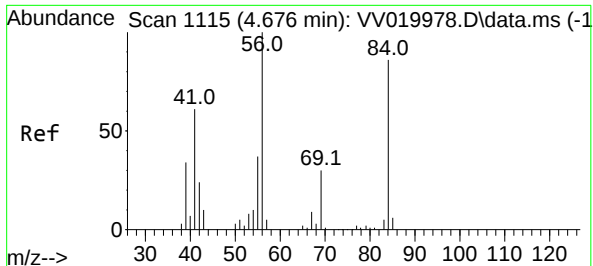
Tgt Ion: 83 Resp: 280081
Ion Ratio Lower Upper
83 100
85 65.5 44.2 82.2



#27
1,2-Dichloroethane
Concen: 50.16 ug/L
RT: 5.132 min Scan# 1257
Delta R.T. 0.003 min
Lab File: VV019992.D
Acq: 14 Jan 2021 09:52

Tgt Ion: 62 Resp: 241287
Ion Ratio Lower Upper
62 100
98 8.4 6.9 10.3





#29

Cyclohexane

Concen: 49.58 ug/L

RT: 4.679 min Scan# 1116

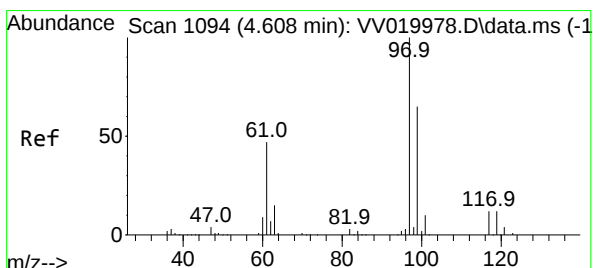
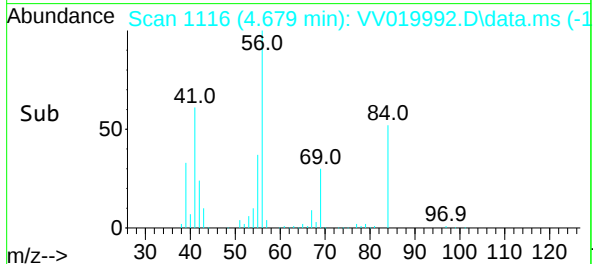
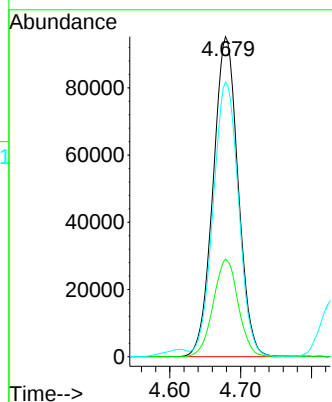
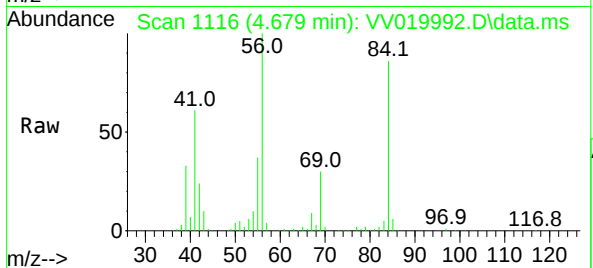
Delta R.T. 0.003 min

Lab File: VV019992.D

Acq: 14 Jan 2021 09:52

Instrument :
MSVOA_V
ClientSampleId :
VSTD05066

Tgt Ion:	56	Resp:	232996
Ion	Ratio	Lower	Upper
56	100		
69	30.5	24.2	36.2
84	87.3	66.3	99.5



#30

1,1,1-Trichloroethane

Concen: 48.85 ug/L

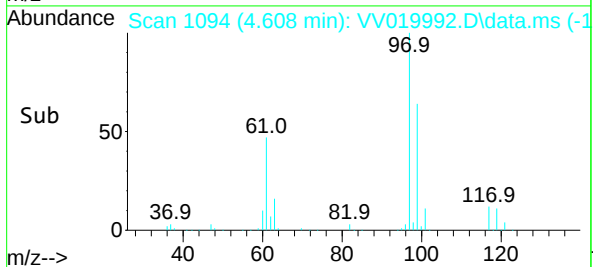
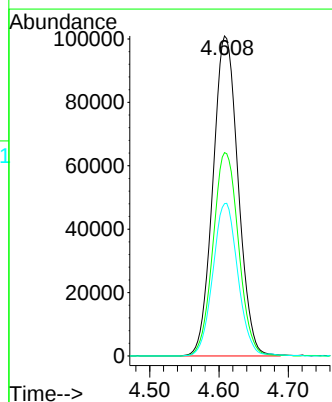
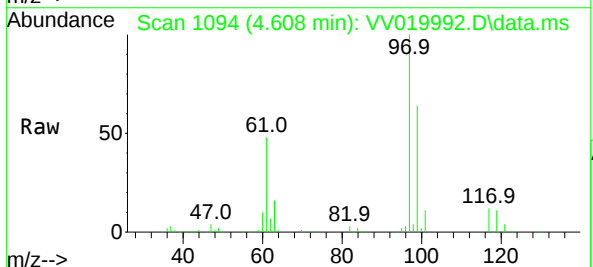
RT: 4.608 min Scan# 1094

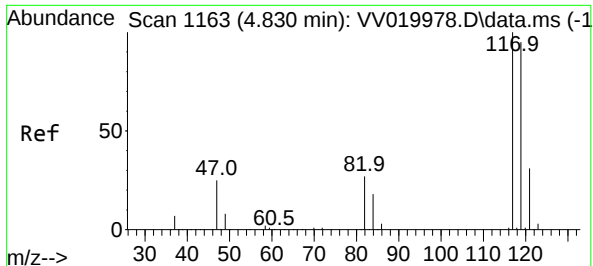
Delta R.T. -0.000 min

Lab File: VV019992.D

Acq: 14 Jan 2021 09:52

Tgt Ion:	97	Resp:	255401
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.2	76.8
61	47.0	38.5	57.7

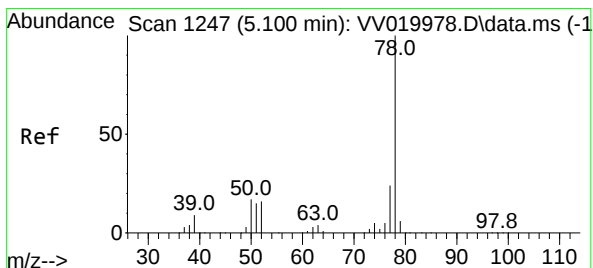
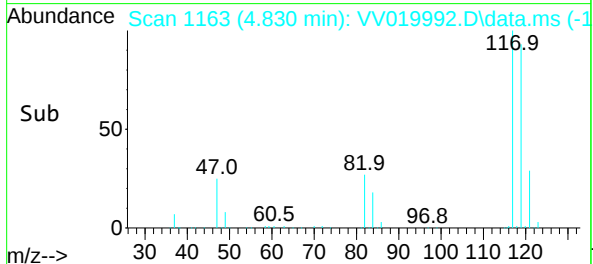
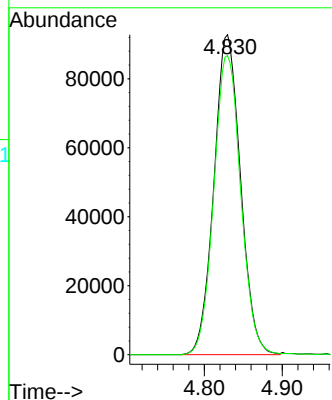
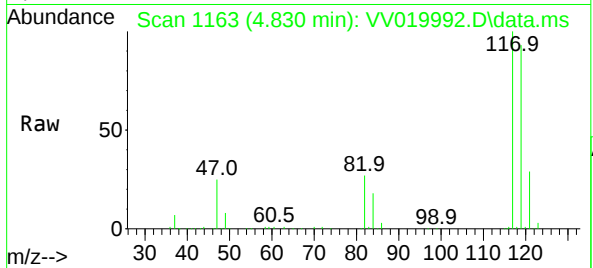




#31
Carbon tetrachloride
Concen: 49.36 ug/L
RT: 4.830 min Scan# 1163
Delta R.T. -0.000 min
Lab File: VV019992.D
Acq: 14 Jan 2021 09:52

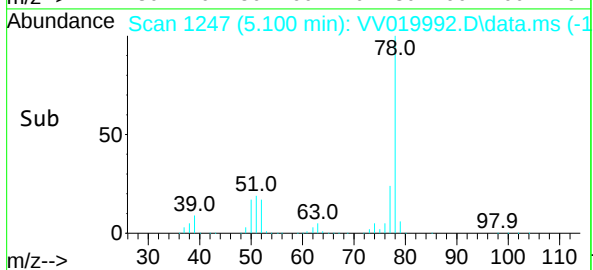
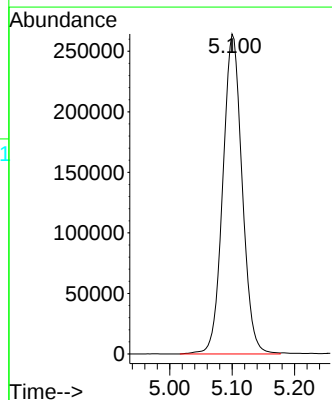
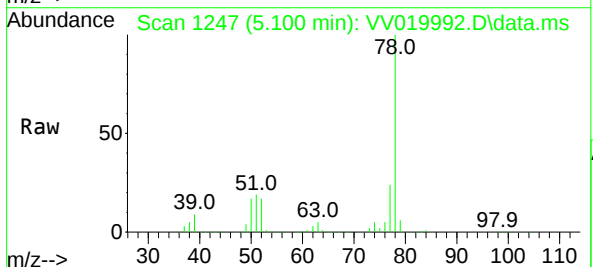
Instrument :
MSVOA_V
ClientSampleId :
VSTD05066

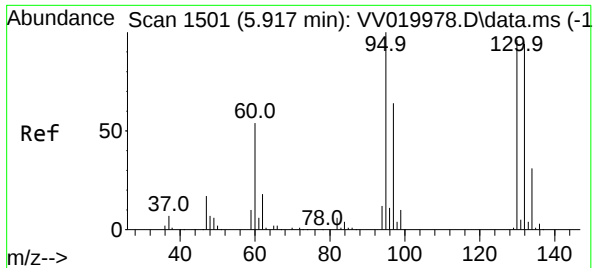
Tgt Ion:117 Resp: 220034
Ion Ratio Lower Upper
117 100
119 94.8 76.3 114.5



#33
Benzene
Concen: 49.32 ug/L
RT: 5.100 min Scan# 1247
Delta R.T. -0.000 min
Lab File: VV019992.D
Acq: 14 Jan 2021 09:52

Tgt Ion: 78 Resp: 569009



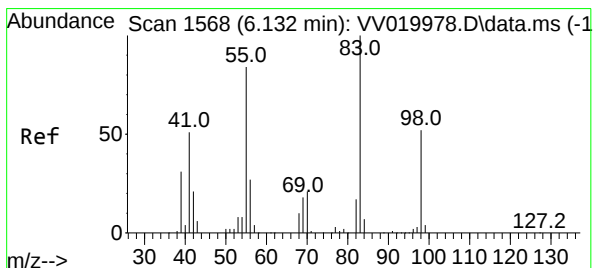
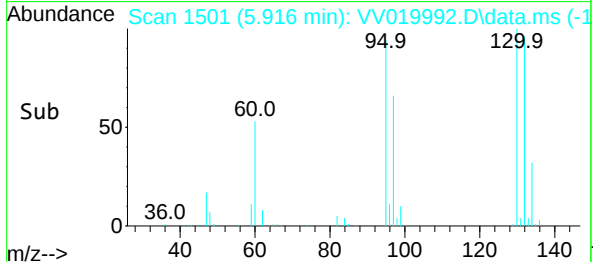
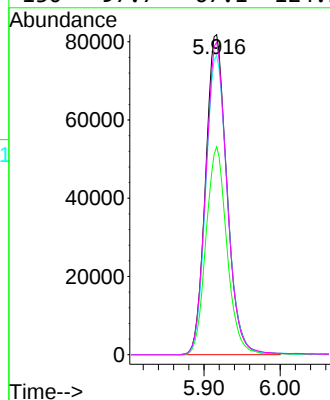
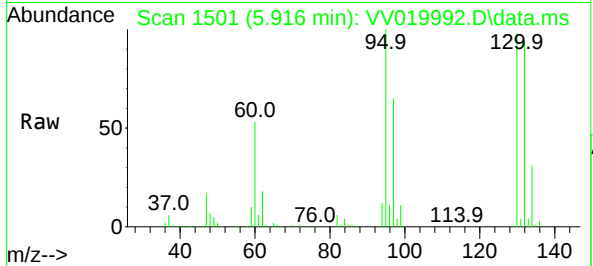


#34
Trichloroethene
Concen: 48.23 ug/L
RT: 5.916 min Scan# 1501
Delta R.T. -0.000 min
Lab File: VV019992.D
Acq: 14 Jan 2021 09:52

Instrument :
MSVOA_V
ClientSampleId :
VSTD05066

Tgt Ion: 95 Resp: 159465

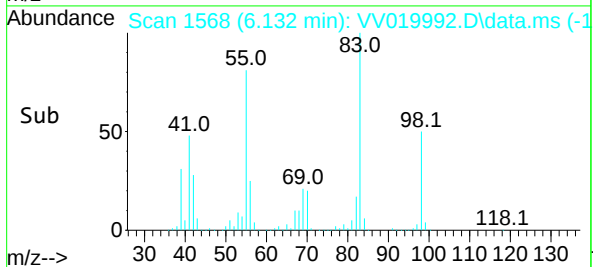
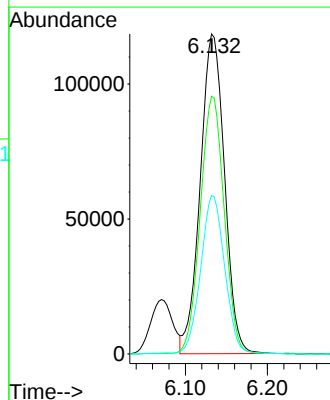
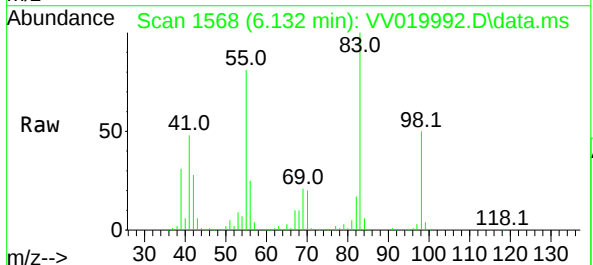
Ion	Ratio	Lower	Upper
95	100		
97	64.9	44.5	82.7
132	93.5	63.4	117.8
130	97.7	67.1	124.5

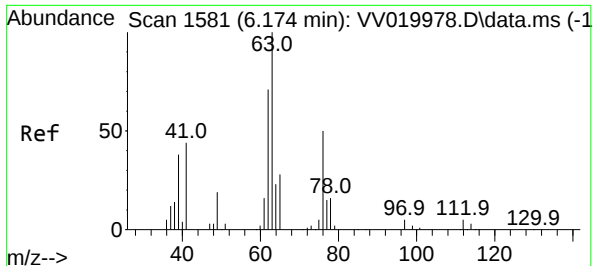


#35
Methylcyclohexane
Concen: 51.56 ug/L
RT: 6.132 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VV019992.D
Acq: 14 Jan 2021 09:52

Tgt Ion: 83 Resp: 243607

Ion	Ratio	Lower	Upper
83	100		
55	79.3	65.1	97.7
98	48.7	38.2	57.2





#37

1,2-Dichloropropane

Concen: 50.19 ug/L

RT: 6.174 min Scan# 1581

Delta R.T. -0.000 min

Lab File: VV019992.D

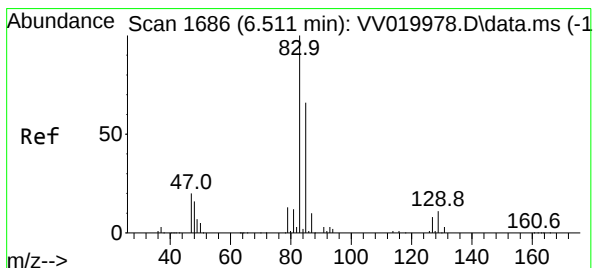
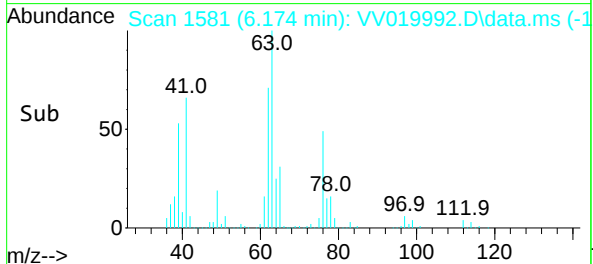
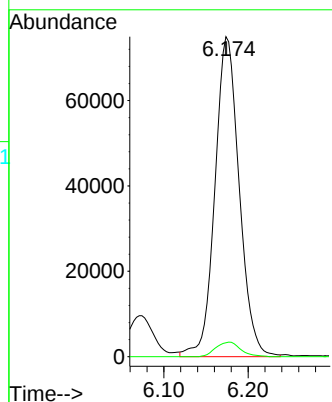
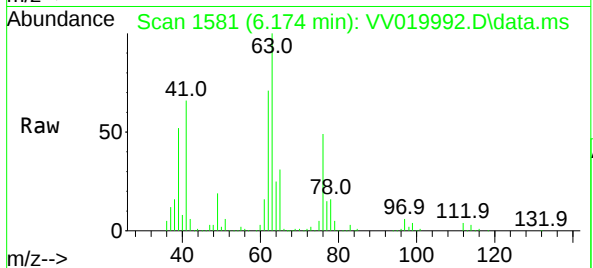
Acq: 14 Jan 2021 09:52

Tgt Ion: 63 Resp: 150210

Ion Ratio Lower Upper

63 100

112 4.7 3.3 4.9



#38

Bromodichloromethane

Concen: 48.29 ug/L

RT: 6.511 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VV019992.D

Acq: 14 Jan 2021 09:52

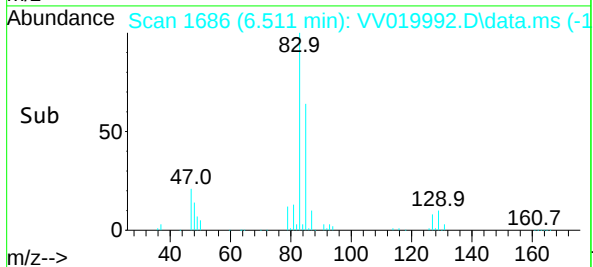
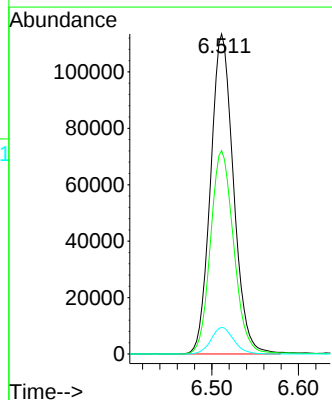
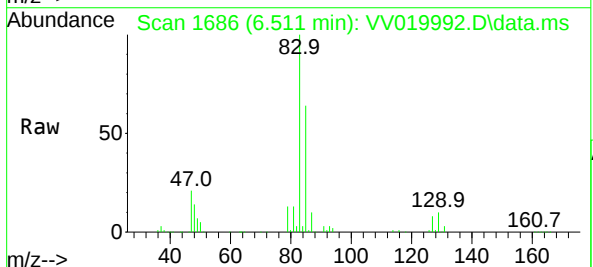
Tgt Ion: 83 Resp: 208747

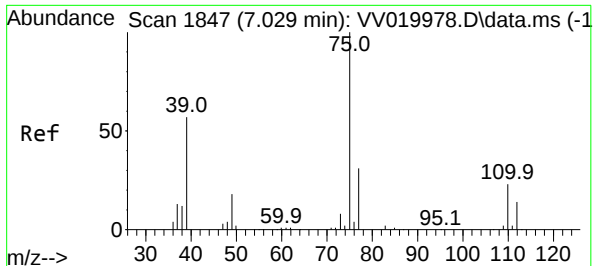
Ion Ratio Lower Upper

83 100

85 63.6 44.5 82.7

127 8.3 6.3 9.5

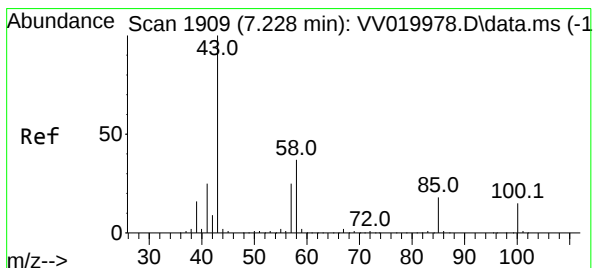
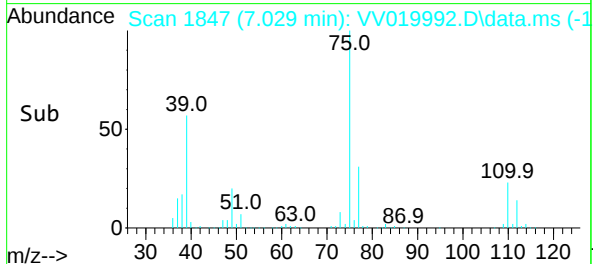
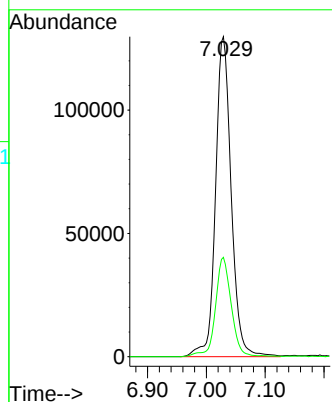
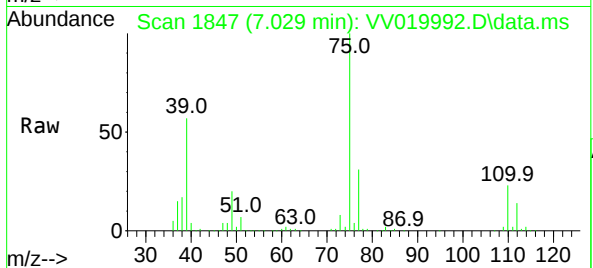




#39
cis-1,3-Dichloropropene
Concen: 51.26 ug/L
RT: 7.029 min Scan# 1847
Delta R.T. -0.000 min
Lab File: VV019992.D
Acq: 14 Jan 2021 09:52

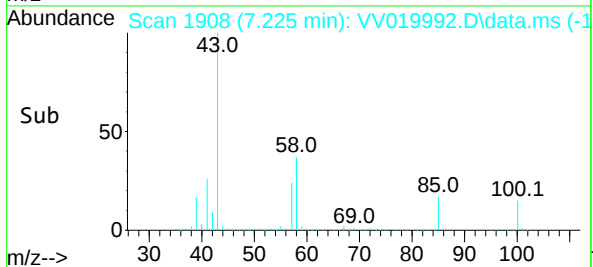
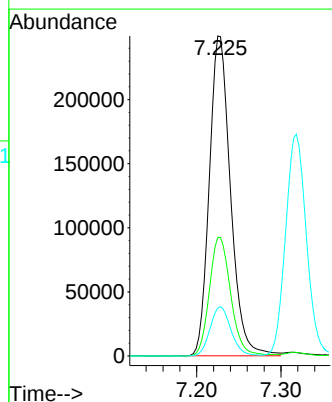
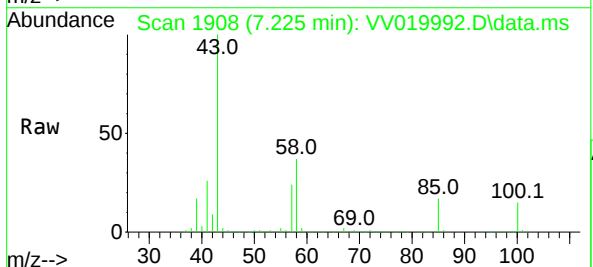
Instrument :
MSVOA_V
ClientSampled :
VSTD05066

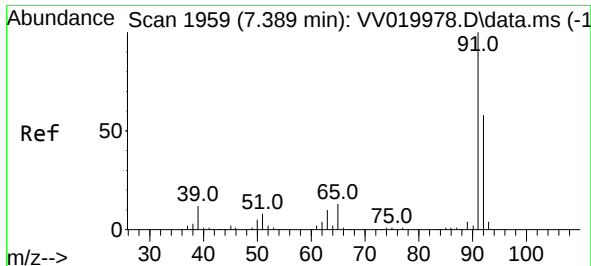
Tgt Ion: 75 Resp: 240221
Ion Ratio Lower Upper
75 100
77 31.0 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 94.96 ug/L
RT: 7.225 min Scan# 1908
Delta R.T. -0.003 min
Lab File: VV019992.D
Acq: 14 Jan 2021 09:52

Tgt Ion: 43 Resp: 436681
Ion Ratio Lower Upper
43 100
58 37.4 30.7 46.1
100 15.2 11.6 17.4

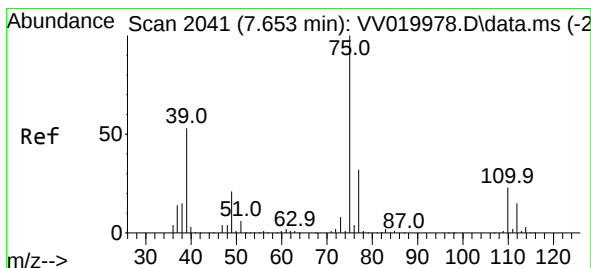
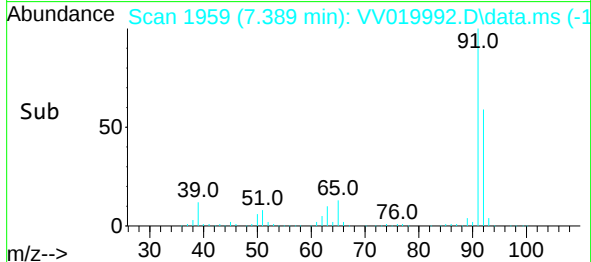
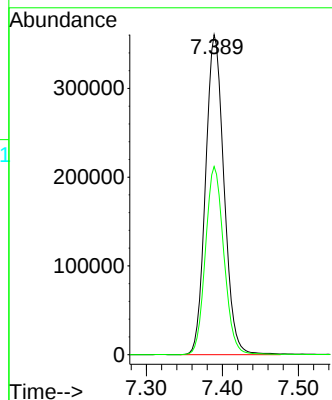
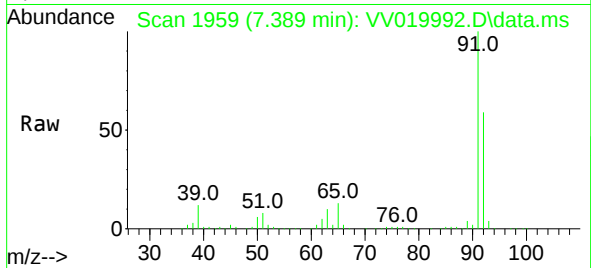




#42
Toluene
Concen: 49.42 ug/L
RT: 7.389 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VV019992.D
Acq: 14 Jan 2021 09:52

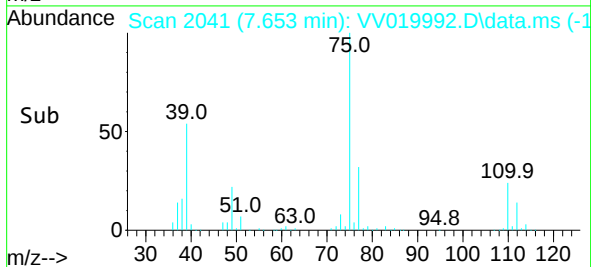
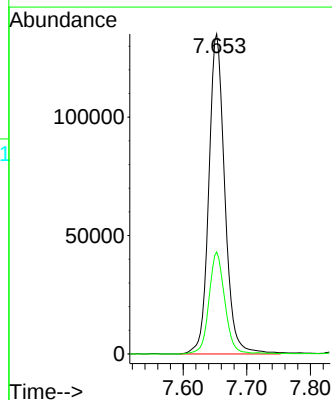
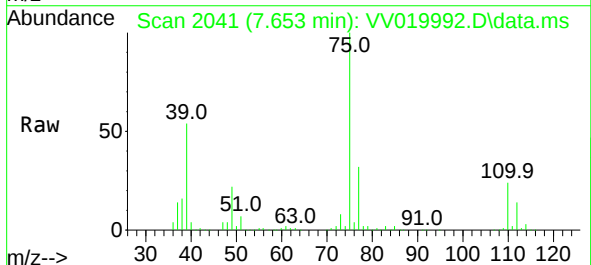
Instrument :
MSVOA_V
ClientSampleId :
VSTD05066

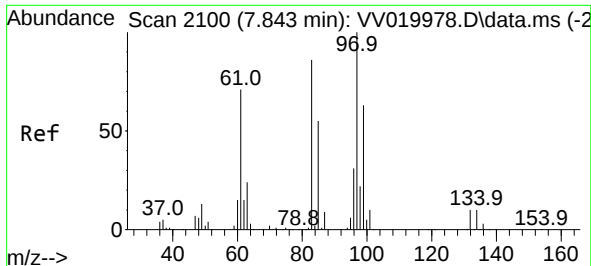
Tgt Ion: 91 Resp: 607184
Ion Ratio Lower Upper
91 100
92 58.8 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 49.65 ug/L
RT: 7.653 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VV019992.D
Acq: 14 Jan 2021 09:52

Tgt Ion: 75 Resp: 236030
Ion Ratio Lower Upper
75 100
77 31.9 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 48.77 ug/L

RT: 7.842 min Scan# 2100

Delta R.T. -0.000 min

Lab File: VV019992.D

Acq: 14 Jan 2021 09:52

Tgt Ion: 97 Resp: 143463

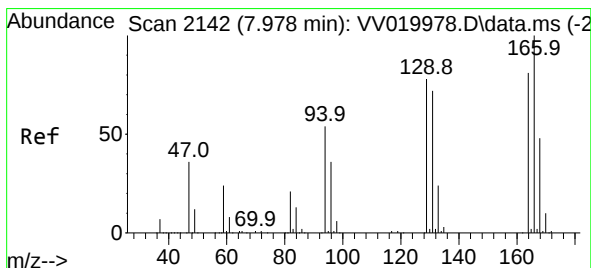
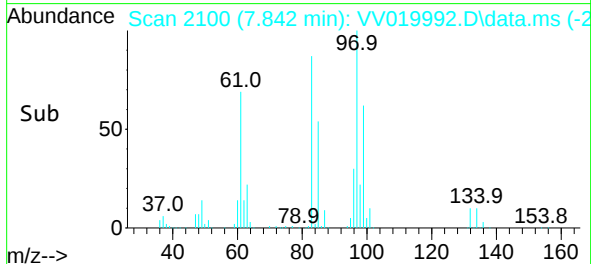
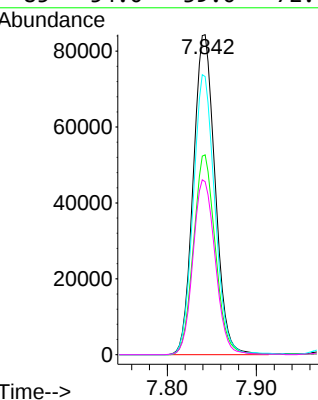
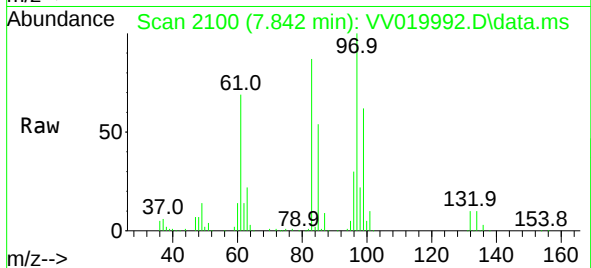
Ion Ratio Lower Upper

97 100

99 62.5 43.8 81.3

83 86.9 62.2 115.4

85 54.0 39.0 72.4



#46

Tetrachloroethene

Concen: 49.08 ug/L

RT: 7.977 min Scan# 2142

Delta R.T. -0.000 min

Lab File: VV019992.D

Acq: 14 Jan 2021 09:52

Tgt Ion:164 Resp: 116494

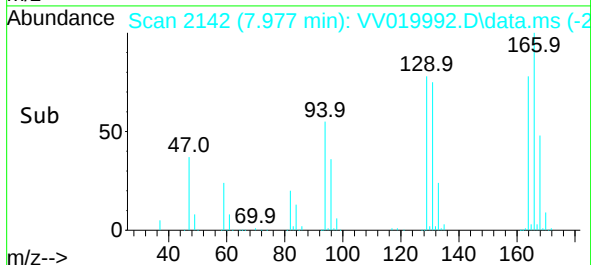
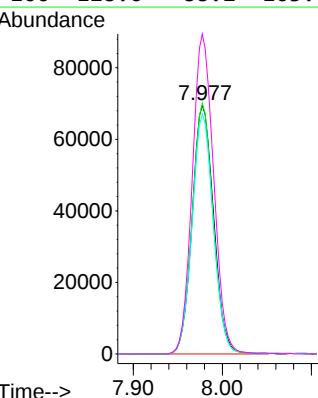
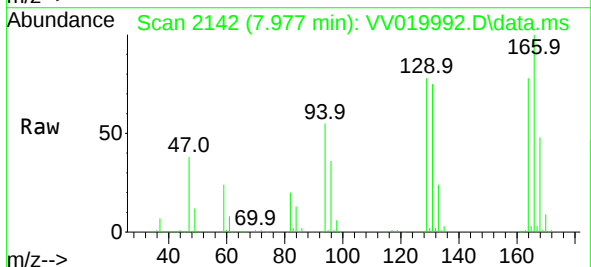
Ion Ratio Lower Upper

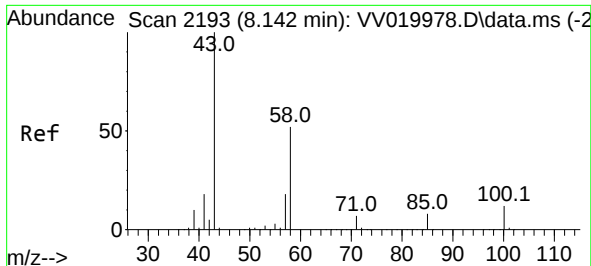
164 100

129 100.9 70.6 131.0

131 96.3 66.8 124.0

166 128.6 88.2 163.8

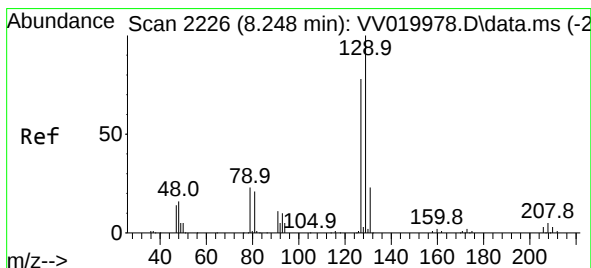
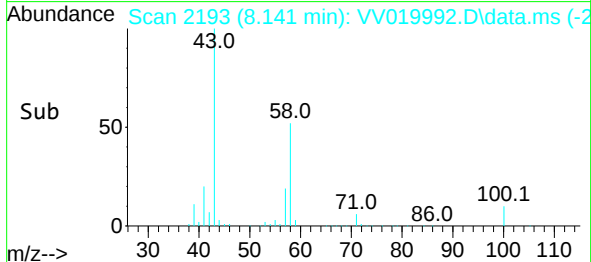
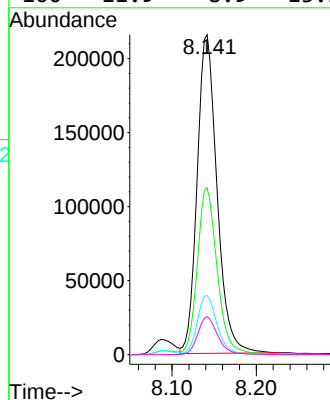
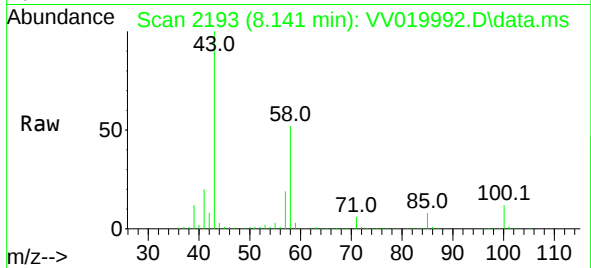




#48
2-Hexanone
Concen: 97.96 ug/L
RT: 8.141 min Scan# 2193
Delta R.T. -0.000 min
Lab File: VV019992.D
Acq: 14 Jan 2021 09:52

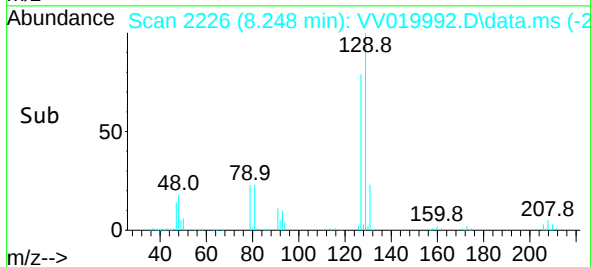
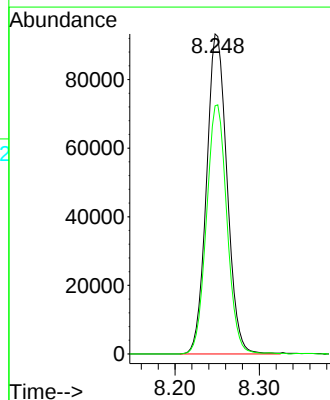
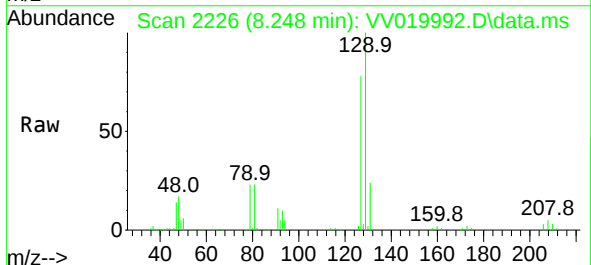
Instrument :
MSVOA_V
ClientSampleId :
VSTD05066

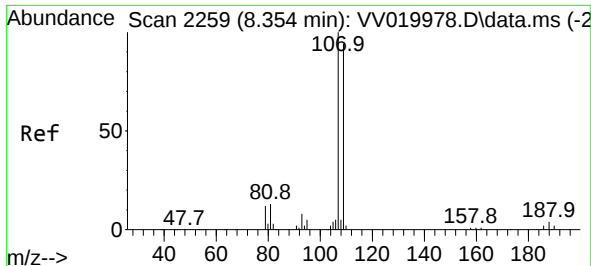
Tgt Ion:	43	Resp:	354343
Ion	Ratio	Lower	Upper
43	100		
58	52.0	41.8	62.6
57	18.6	15.0	22.4
100	11.9	8.9	13.3



#49
Dibromochloromethane
Concen: 48.62 ug/L
RT: 8.248 min Scan# 2226
Delta R.T. -0.000 min
Lab File: VV019992.D
Acq: 14 Jan 2021 09:52

Tgt Ion:	129	Resp:	157932
Ion	Ratio	Lower	Upper
129	100		
127	77.6	55.2	102.6





#50

1,2-Dibromoethane

Concen: 48.36 ug/L

RT: 8.354 min Scan# 2259

Delta R.T. -0.000 min

Lab File: VV019992.D

Acq: 14 Jan 2021 09:52

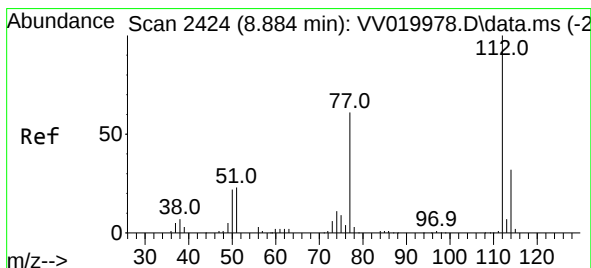
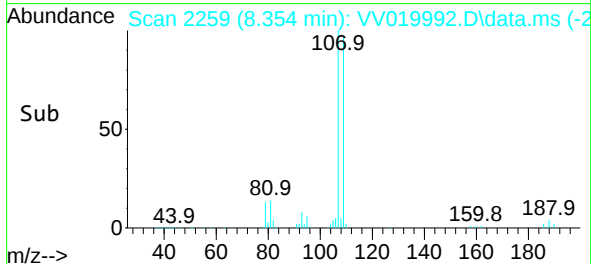
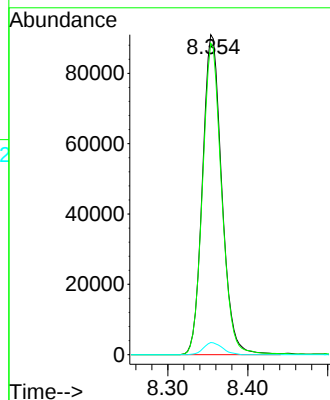
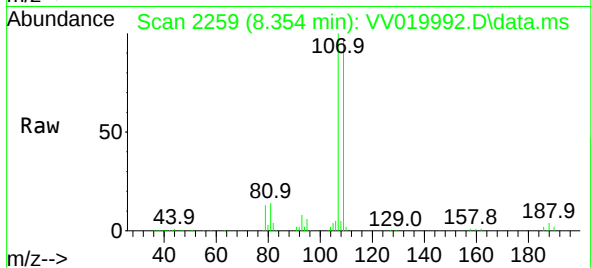
Instrument :

MSVOA_V

ClientSampleId :

VSTD05066

Tgt Ion:	107	Resp:	152621
Ion	Ratio	Lower	Upper
107	100		
109	97.3	66.2	123.0
188	3.8	2.6	3.8



#51

Chlorobenzene

Concen: 48.69 ug/L

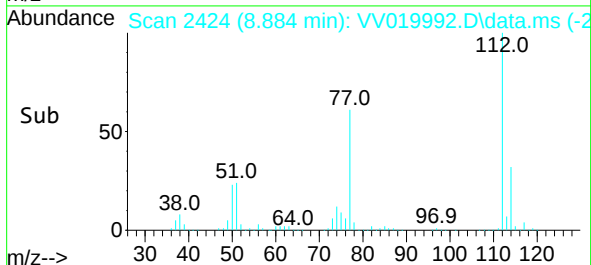
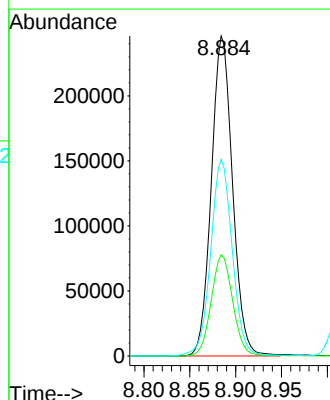
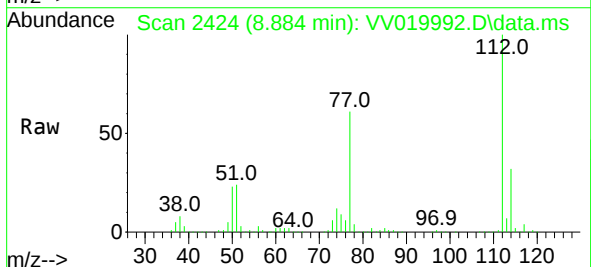
RT: 8.884 min Scan# 2424

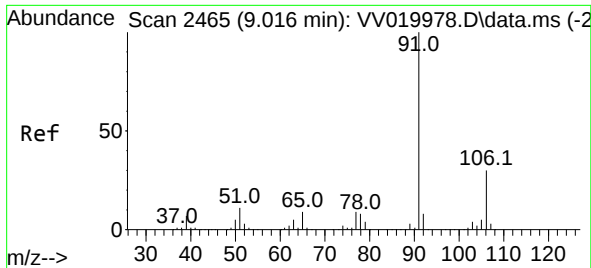
Delta R.T. -0.000 min

Lab File: VV019992.D

Acq: 14 Jan 2021 09:52

Tgt Ion:	112	Resp:	396232
Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.2	41.2
77	61.5	49.0	73.6

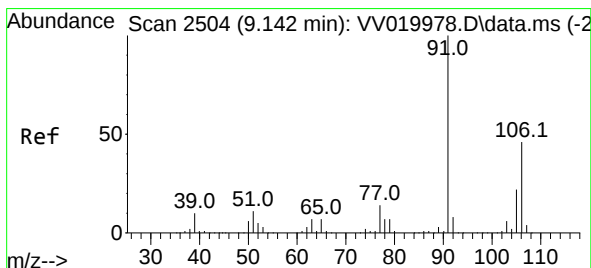
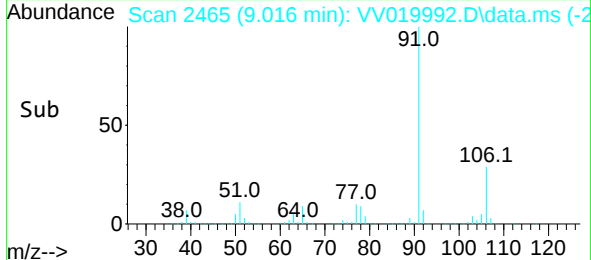
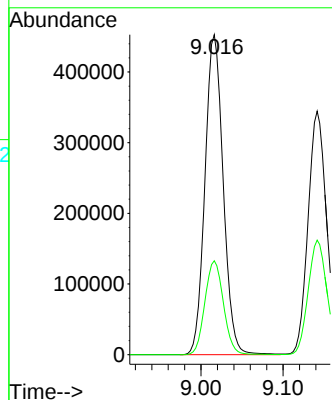
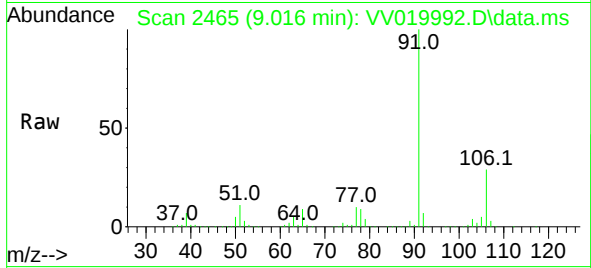




#52
Ethylbenzene
Concen: 50.20 ug/L
RT: 9.016 min Scan# 2465
Delta R.T. -0.000 min
Lab File: VV019992.D
Acq: 14 Jan 2021 09:52

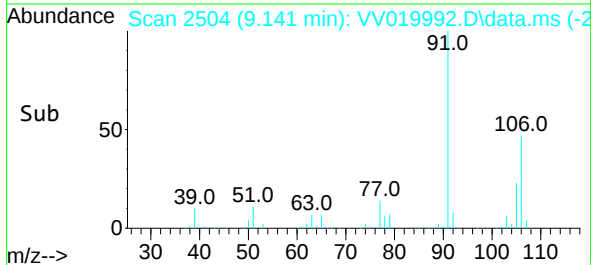
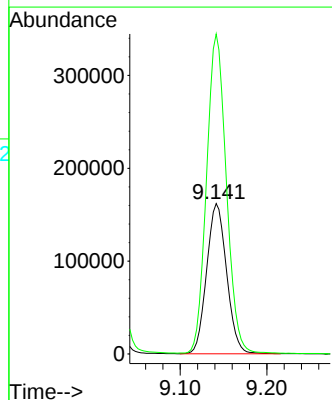
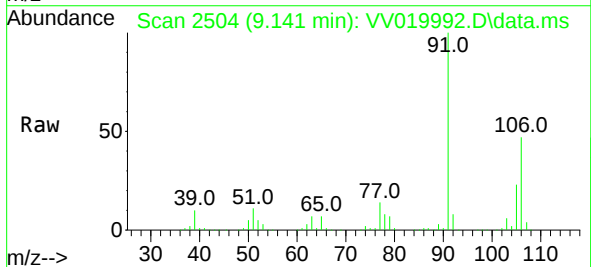
Instrument :
MSVOA_V
ClientSampleId :
VSTD05066

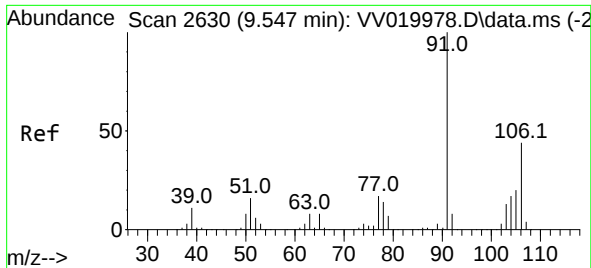
Tgt Ion: 91 Resp: 700393
Ion Ratio Lower Upper
91 100
106 29.4 21.0 39.0



#53
m,p-Xylene
Concen: 50.83 ug/L
RT: 9.141 min Scan# 2504
Delta R.T. -0.000 min
Lab File: VV019992.D
Acq: 14 Jan 2021 09:52

Tgt Ion:106 Resp: 259052
Ion Ratio Lower Upper
106 100
91 212.7 148.1 275.0

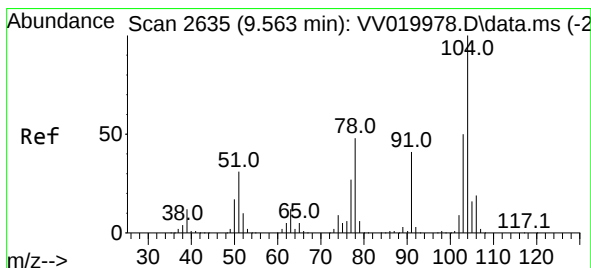
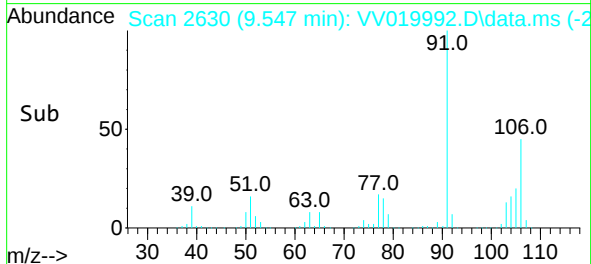
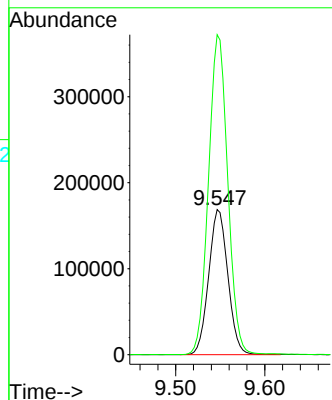
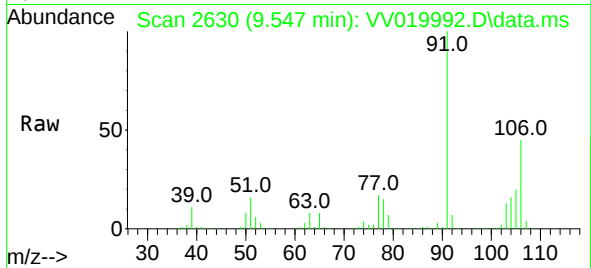




#54
o-xylene
Concen: 50.32 ug/L
RT: 9.547 min Scan# 2630
Delta R.T. -0.000 min
Lab File: VV019992.D
Acq: 14 Jan 2021 09:52

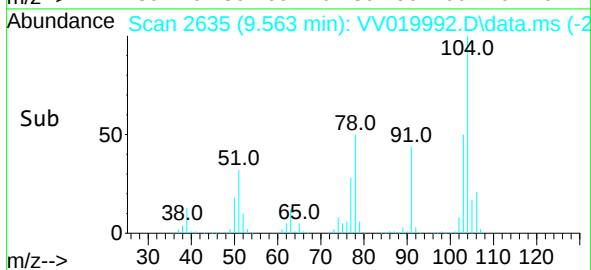
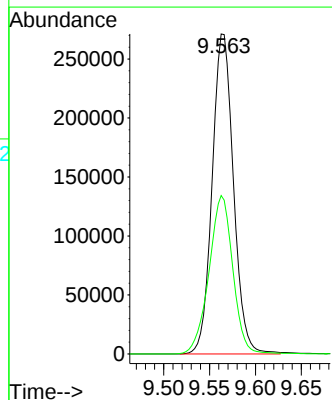
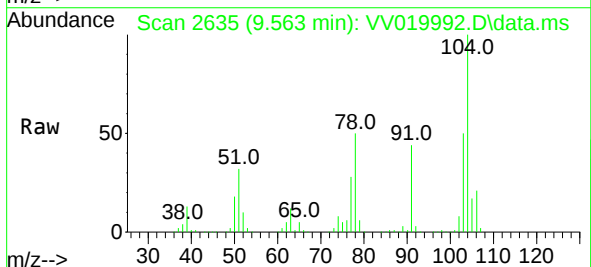
Instrument :
MSVOA_V
ClientSampleId :
VSTD05066

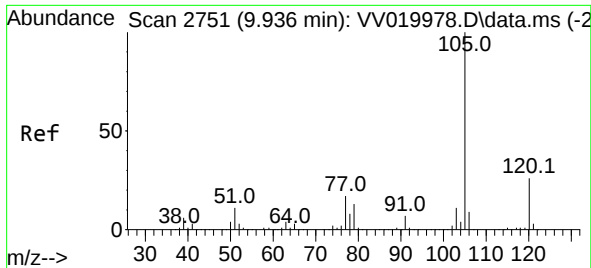
Tgt Ion:106 Resp: 252446
Ion Ratio Lower Upper
106 100
91 220.5 156.4 290.6



#55
Styrene
Concen: 50.51 ug/L
RT: 9.563 min Scan# 2635
Delta R.T. -0.000 min
Lab File: VV019992.D
Acq: 14 Jan 2021 09:52

Tgt Ion:104 Resp: 438078
Ion Ratio Lower Upper
104 100
78 49.5 33.7 62.5

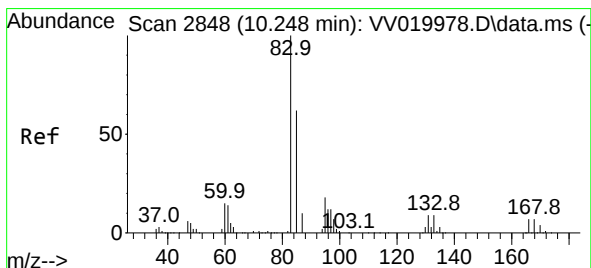
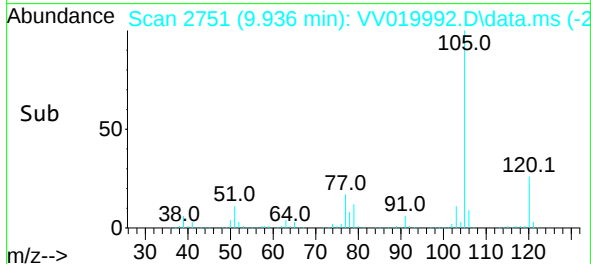
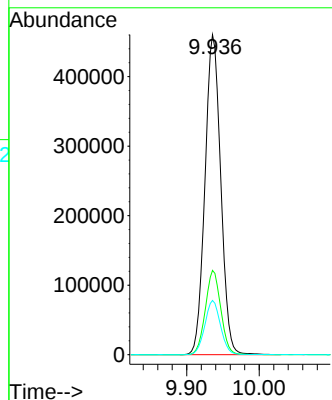
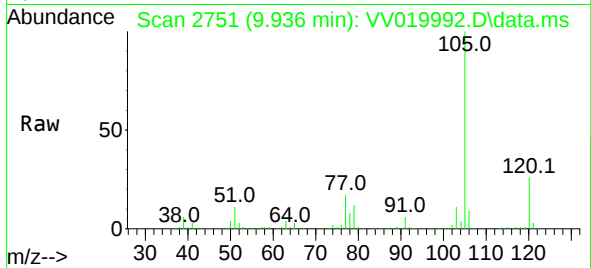




#56
Isopropylbenzene
Concen: 51.18 ug/L
RT: 9.936 min Scan# 2751
Delta R.T. -0.000 min
Lab File: VV019992.D
Acq: 14 Jan 2021 09:52

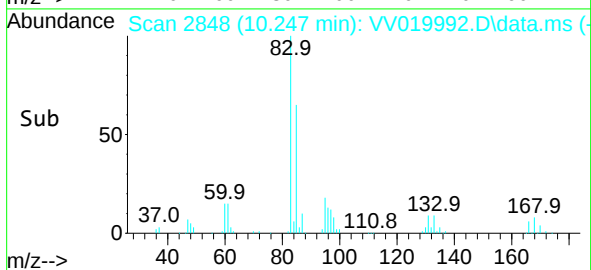
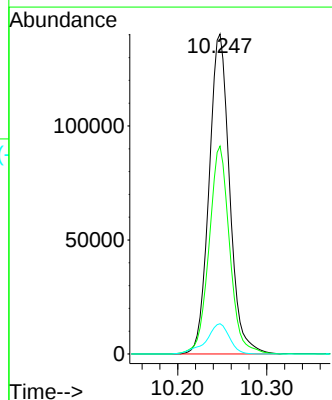
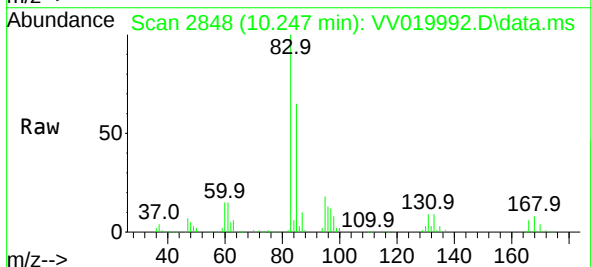
Instrument :
MSVOA_V
ClientSampleId :
VSTD05066

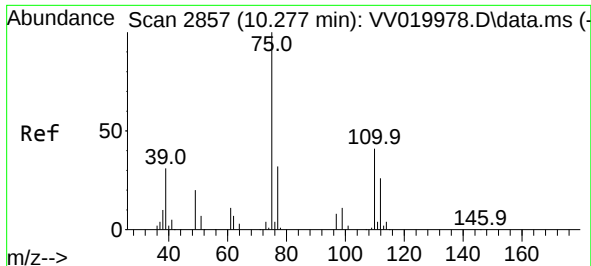
Tgt Ion:105 Resp: 694583
Ion Ratio Lower Upper
105 100
120 25.8 20.5 30.7
77 16.9 13.6 20.4



#58
1,1,2,2-Tetrachloroethane
Concen: 48.73 ug/L
RT: 10.247 min Scan# 2848
Delta R.T. -0.000 min
Lab File: VV019992.D
Acq: 14 Jan 2021 09:52

Tgt Ion: 83 Resp: 224388
Ion Ratio Lower Upper
83 100
85 64.9 44.3 82.3
131 9.4 7.3 10.9

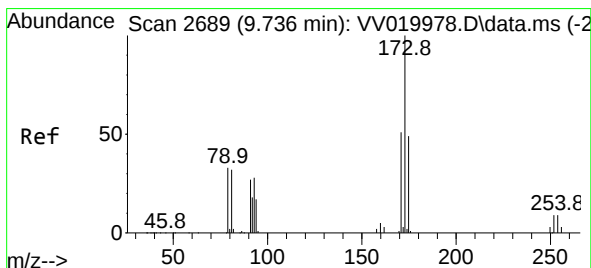
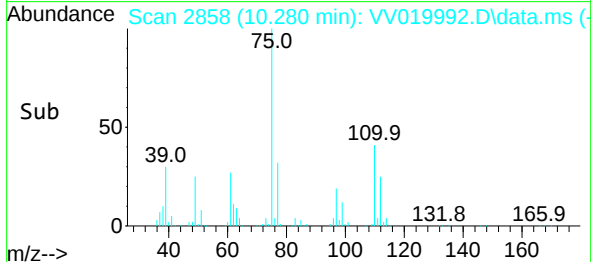
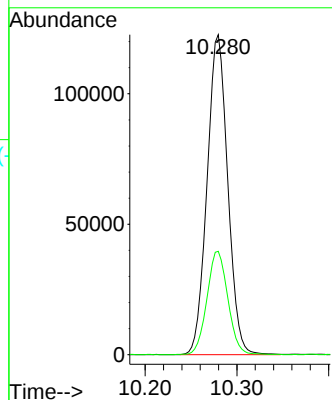
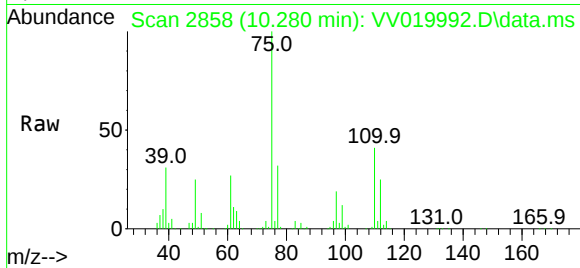




#59
1,2,3-Trichloropropane
Concen: 47.20 ug/L
RT: 10.280 min Scan# 2858
Delta R.T. 0.003 min
Lab File: VV019992.D
Acq: 14 Jan 2021 09:52

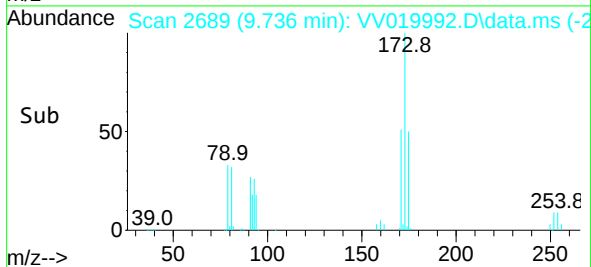
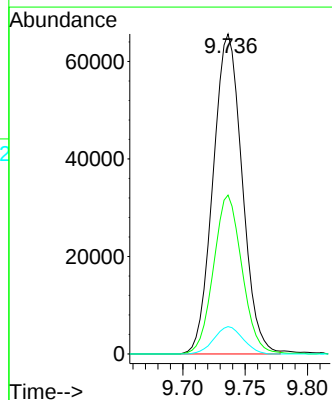
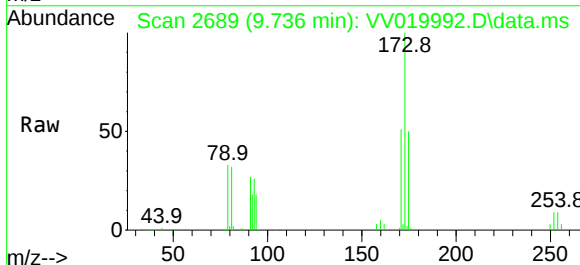
Instrument :
MSVOA_V
ClientSampleId :
VSTD05066

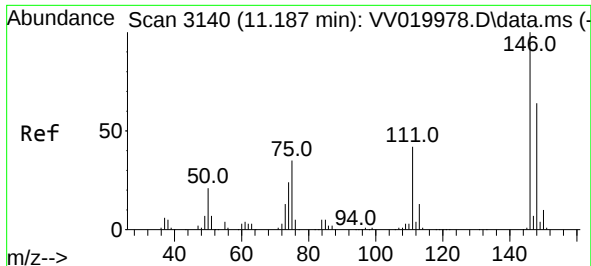
Tgt Ion: 75 Resp: 192107
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.0



#61
Bromoform
Concen: 47.55 ug/L
RT: 9.736 min Scan# 2689
Delta R.T. -0.000 min
Lab File: VV019992.D
Acq: 14 Jan 2021 09:52

Tgt Ion: 173 Resp: 106646
Ion Ratio Lower Upper
173 100
175 48.6 38.6 57.8
254 8.5 6.5 9.7

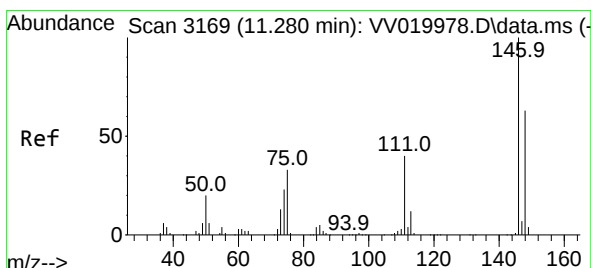
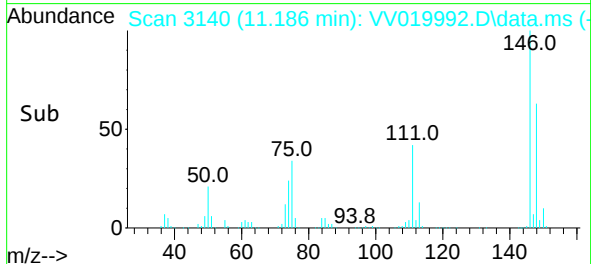
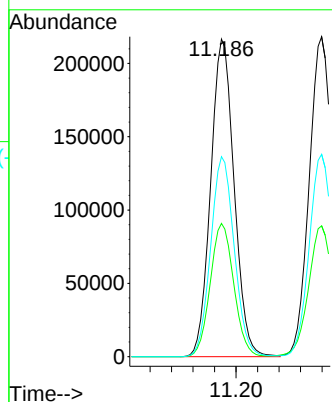
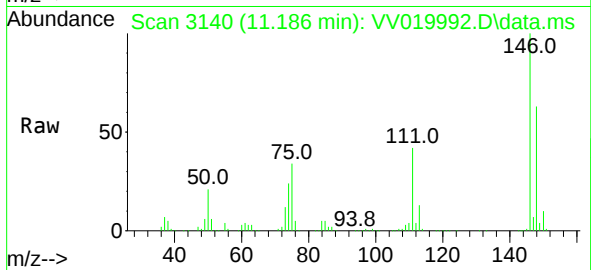




#62
1,3-Dichlorobenzene
Concen: 49.57 ug/L
RT: 11.186 min Scan# 3140
Delta R.T. -0.000 min
Lab File: VV019992.D
Acq: 14 Jan 2021 09:52

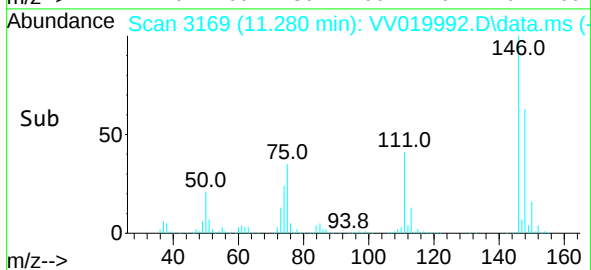
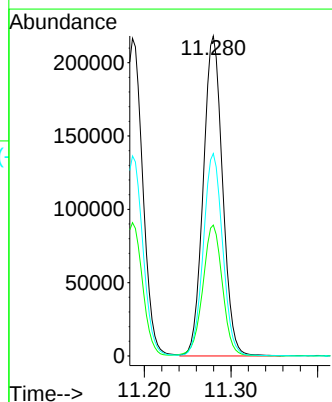
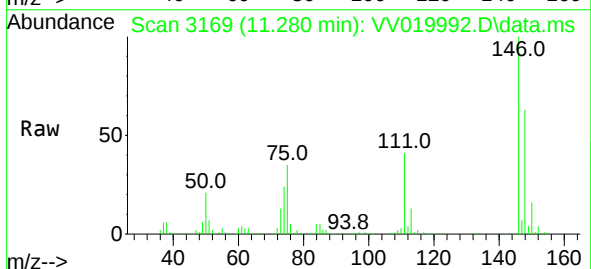
Instrument :
MSVOA_V
ClientSampleId :
VSTD05066

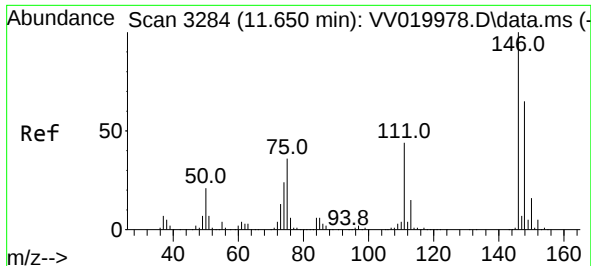
Tgt Ion:146 Resp: 327685
Ion Ratio Lower Upper
146 100
111 42.0 30.2 56.2
148 63.0 45.0 83.6



#63
1,4-Dichlorobenzene
Concen: 49.75 ug/L
RT: 11.280 min Scan# 3169
Delta R.T. -0.000 min
Lab File: VV019992.D
Acq: 14 Jan 2021 09:52

Tgt Ion:146 Resp: 337462
Ion Ratio Lower Upper
146 100
111 40.9 29.4 54.6
148 63.3 44.7 83.1

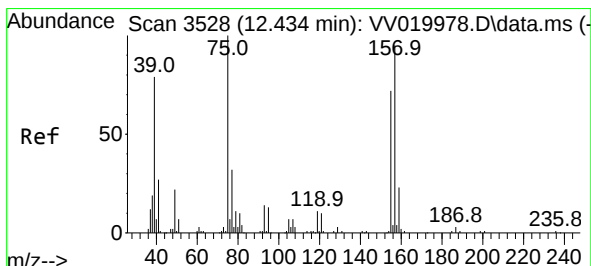
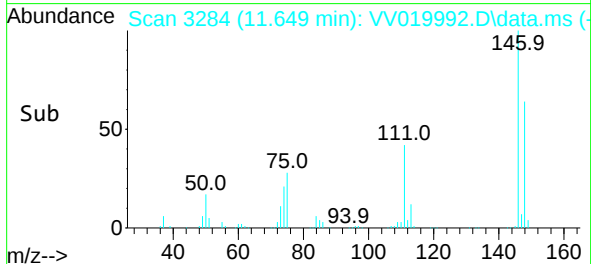
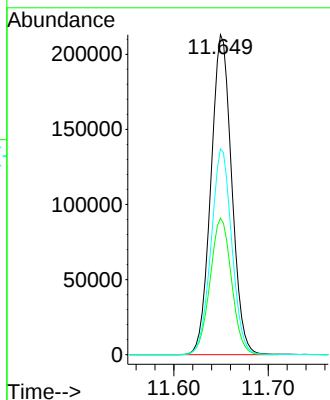
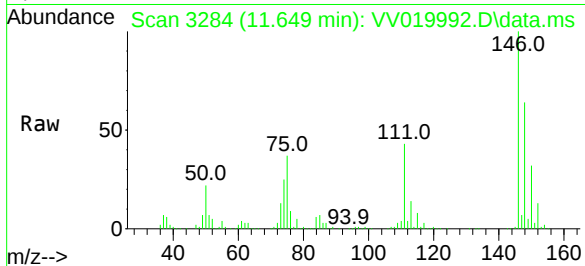




#65
1,2-Dichlorobenzene
Concen: 48.92 ug/L
RT: 11.649 min Scan# 3284
Delta R.T. -0.000 min
Lab File: VV019992.D
Acq: 14 Jan 2021 09:52

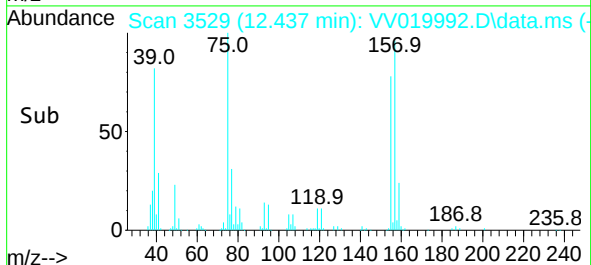
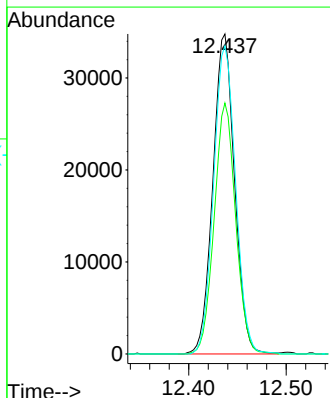
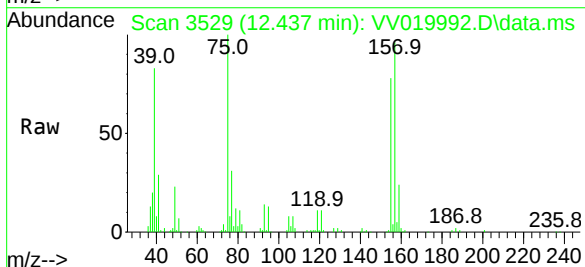
Instrument :
MSVOA_V
ClientSampleId :
VSTD05066

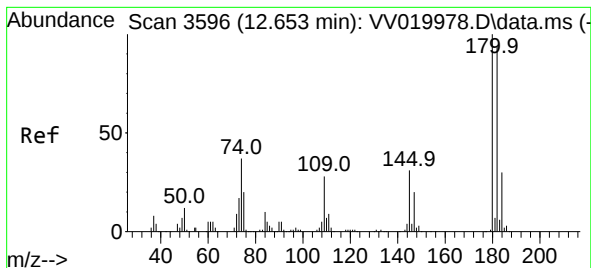
Tgt Ion:146 Resp: 325784
Ion Ratio Lower Upper
146 100
111 42.7 36.3 54.5
148 64.3 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 46.53 ug/L
RT: 12.437 min Scan# 3529
Delta R.T. 0.003 min
Lab File: VV019992.D
Acq: 14 Jan 2021 09:52

Tgt Ion: 75 Resp: 53891
Ion Ratio Lower Upper
75 100
155 78.4 59.1 88.7
157 96.3 75.4 113.0

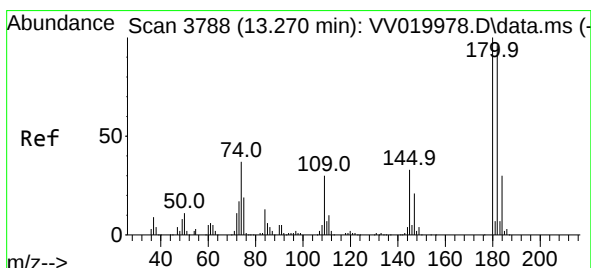
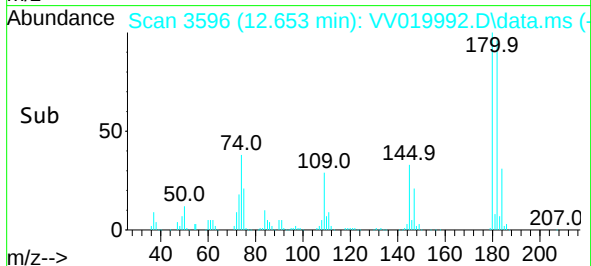
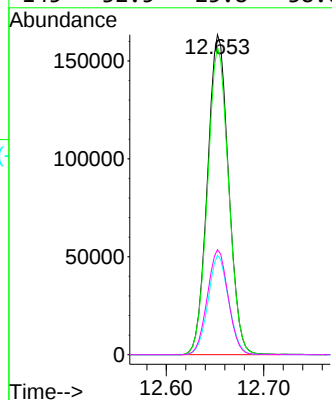
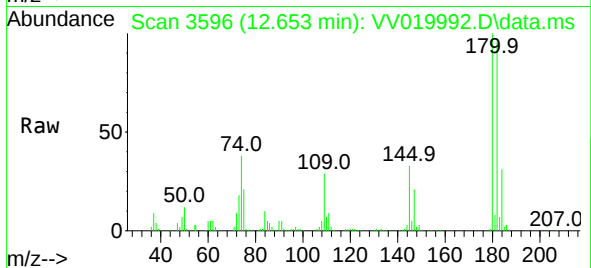




#67
1,3,5-Trichlorobenzene
Concen: 49.58 ug/L
RT: 12.653 min Scan# 3596
Delta R.T. -0.000 min
Lab File: VV019992.D
Acq: 14 Jan 2021 09:52

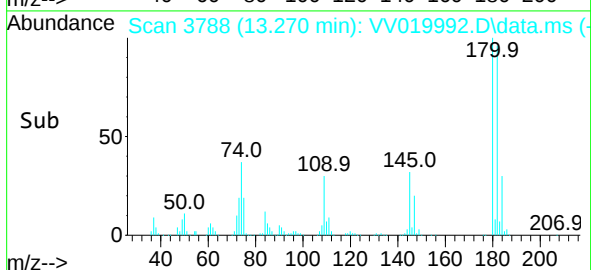
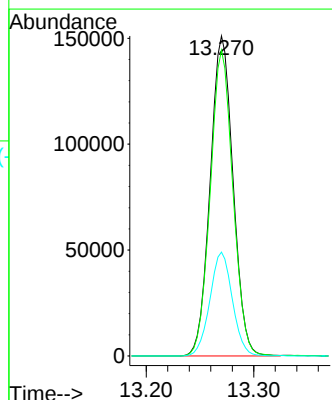
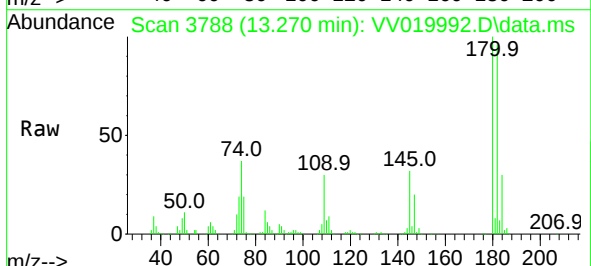
Instrument :
MSVOA_V
ClientSampleId :
VSTD05066

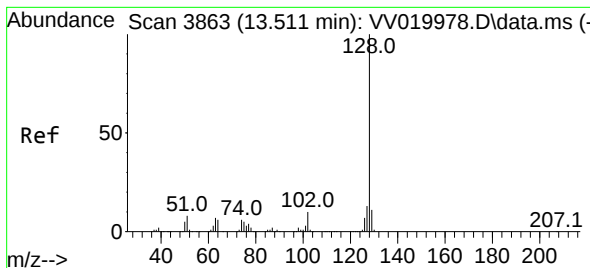
Tgt Ion:180 Resp: 246154
Ion Ratio Lower Upper
180 100
182 95.9 75.0 112.6
184 30.4 24.0 36.0
145 32.5 25.8 38.6



#68
1,2,4-trichlorobenzene
Concen: 50.77 ug/L
RT: 13.270 min Scan# 3788
Delta R.T. -0.000 min
Lab File: VV019992.D
Acq: 14 Jan 2021 09:52

Tgt Ion:180 Resp: 222822
Ion Ratio Lower Upper
180 100
182 94.6 75.1 112.7
145 32.0 26.8 40.2

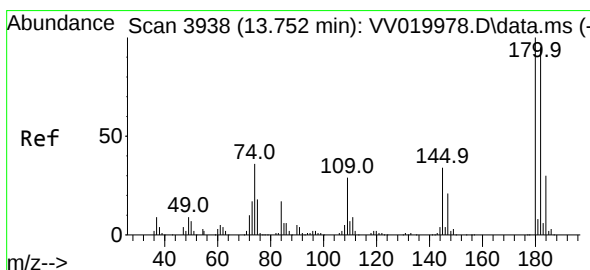
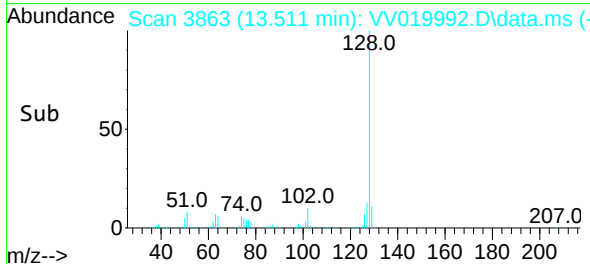
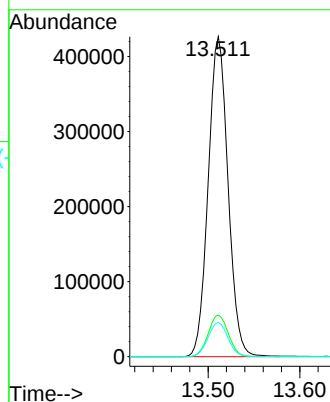
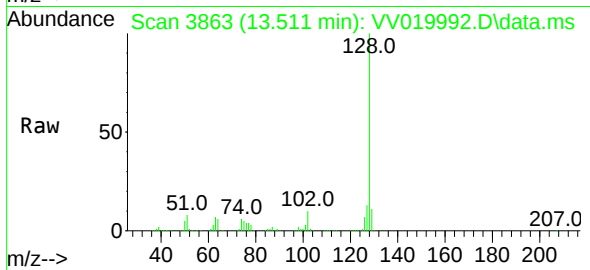




#69
Naphthalene
Concen: 50.46 ug/L
RT: 13.511 min Scan# 3863
Delta R.T. -0.000 min
Lab File: VV019992.D
Acq: 14 Jan 2021 09:52

Instrument :
MSVOA_V
ClientSampleId :
VSTD05066

Tgt Ion:	128	Resp:	640618
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	10.8	8.6	13.0



#70
1,2,3-Trichlorobenzene
Concen: 50.95 ug/L
RT: 13.752 min Scan# 3938
Delta R.T. -0.000 min
Lab File: VV019992.D
Acq: 14 Jan 2021 09:52

Tgt Ion:	180	Resp:	217078
Ion	Ratio	Lower	Upper
180	100		
182	94.4	76.1	114.1
145	33.3	27.9	41.9

