

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011521\
 Data File : VW020033.D
 Acq On : 15 Jan 2021 18:54
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05069

Quant Time: Jan 16 04:48:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 16 04:43:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	380793	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.859	117	374622	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	200156	50.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	117842	36.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.38%
7) Chloroethane-d5	1.570	69	109294	42.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.26%
11) 1,1-Dichloroethene-d2	2.110	63	269531	42.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.22%
21) 2-Butanone-d5	3.897	46	204808	98.29	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.29%
24) Chloroform-d	4.354	84	258272	44.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.28%
26) 1,2-Dichloroethane-d4	5.036	65	181321	46.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.20%
32) Benzene-d6	5.055	84	444597	42.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.10%
36) 1,2-Dichloropropane-d6	6.077	67	144490	43.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.54%
41) Toluene-d8	7.322	98	399967	41.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.48%
43) trans-1,3-Dichloroprop...	7.627	79	69171	40.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.76%
47) 2-Hexanone-d5	8.093	63	131667	99.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.49%
57) 1,1,2,2-Tetrachloroeth...	10.222	84	214212	48.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	11.633	152	165181	42.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.46%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.129	85	157627	42.84	ug/L	99
3) Chloromethane	1.242	50	169233	47.99	ug/L	99
5) Vinyl chloride	1.312	62	169282	47.43	ug/L	100
6) Bromomethane	1.525	94	103086	46.32	ug/L	95
8) Chloroethane	1.586	64	113172	51.52	ug/L	100
9) Trichlorofluoromethane	1.753	101	253168	50.49	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	135288	48.58	ug/L	96
12) 1,1-Dichloroethene	2.119	96	132634	49.39	ug/L	87
13) Acetone	2.190	43	158851	86.29	ug/L	98
14) Carbon disulfide	2.296	76	351963	44.11	ug/L	100
15) Methyl Acetate	2.438	43	158296	50.67	ug/L	99
16) Methylene chloride	2.508	84	144086	50.49	ug/L	99
17) trans-1,2-Dichloroethene	2.762	96	131033	48.68	ug/L	99
18) Methyl tert-butyl Ether	2.772	73	435400	49.67	ug/L	98
19) 1,1-Dichloroethane	3.193	63	257167	49.97	ug/L	99
20) cis-1,2-Dichloroethene	3.917	96	140279	48.80	ug/L	99
22) 2-Butanone	3.981	43	223669	100.83	ug/L	100
23) Bromochloromethane	4.254	128	73617	49.01	ug/L	93
25) Chloroform	4.380	83	270485	49.99	ug/L	96
27) 1,2-Dichloroethane	5.135	62	237079	52.44	ug/L	99

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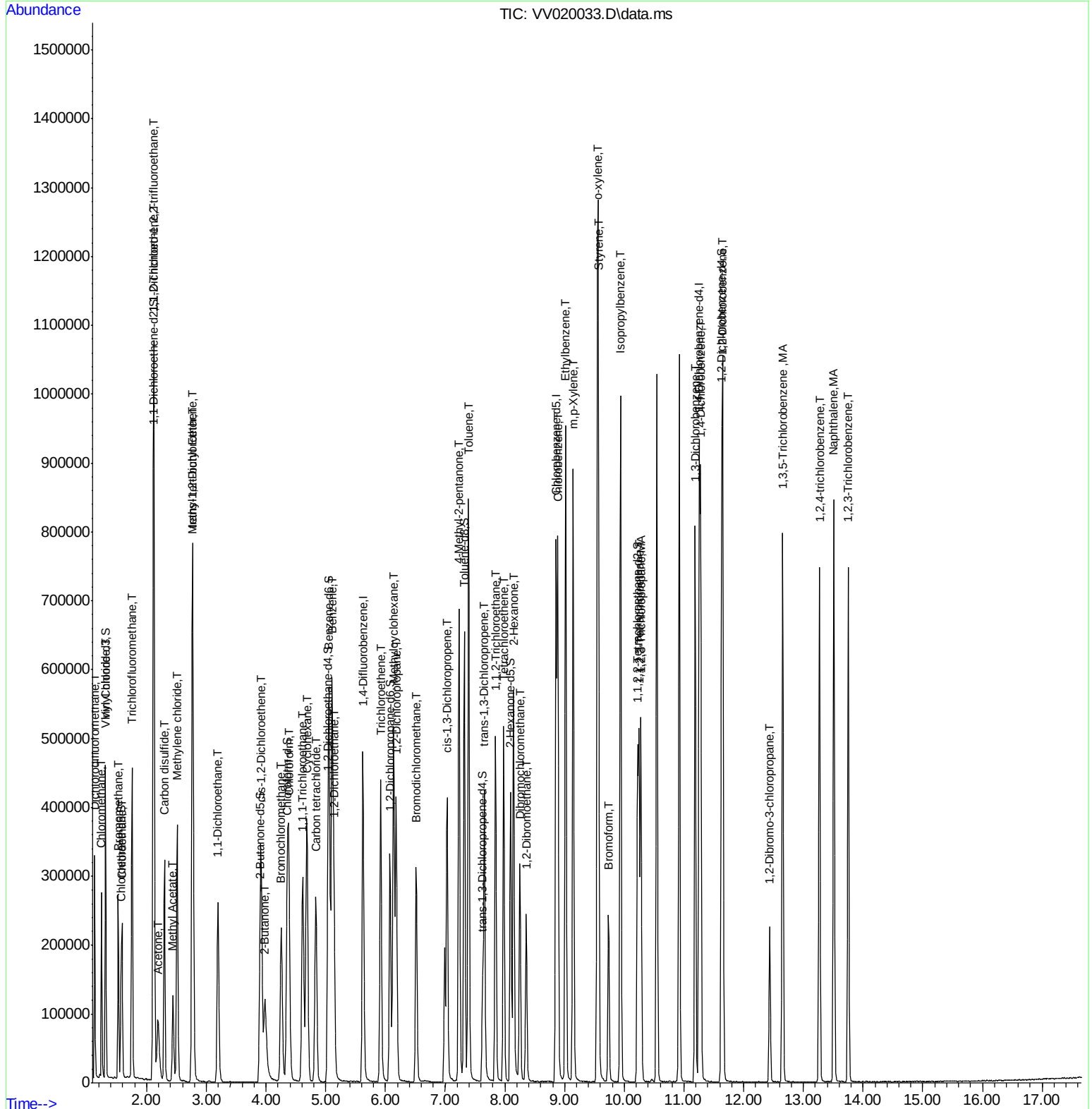
Instrument :
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 ClientSampleId :
 VSTD05069

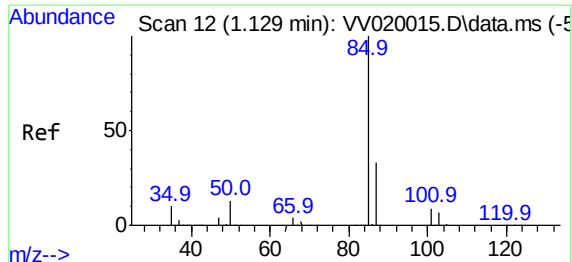
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.682	56	198772	44.87	ug/L	97
30) 1,1,1-Trichloroethane	4.614	97	235018	47.69	ug/L	99
31) Carbon tetrachloride	4.833	117	191623	45.61	ug/L	99
33) Benzene	5.106	78	537460	49.42	ug/L	100
34) Trichloroethene	5.920	95	146451	46.99	ug/L	99
35) Methylcyclohexane	6.138	83	198990	44.68	ug/L	99
37) 1,2-Dichloropropane	6.180	63	142407	50.48	ug/L	98
38) Bromodichloromethane	6.515	83	197999	48.59	ug/L	99
39) cis-1,3-Dichloropropene	7.032	75	224315	50.78	ug/L	100
40) 4-Methyl-2-pentanone	7.232	43	450992	104.05	ug/L	98
42) Toluene	7.392	91	570746	49.28	ug/L	99
44) trans-1,3-Dichloropropene	7.656	75	215989	48.20	ug/L	100
45) 1,1,2-Trichloroethane	7.843	97	139697	50.39	ug/L	99
46) Tetrachloroethene	7.981	164	101957	45.57	ug/L	99
48) 2-Hexanone	8.145	43	354697	104.03	ug/L	98
49) Dibromochloromethane	8.251	129	148207	48.40	ug/L	96
50) 1,2-Dibromoethane	8.357	107	149286	50.18	ug/L	100
51) Chlorobenzene	8.888	112	370771	48.34	ug/L	99
52) Ethylbenzene	9.016	91	636686	48.41	ug/L	99
53) m,p-Xylene	9.145	106	231884	48.27	ug/L	97
54) o-xylene	9.550	106	228542	48.33	ug/L	98
55) Styrene	9.566	104	401696	49.13	ug/L	99
56) Isopropylbenzene	9.939	105	602694	47.12	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.248	83	218660	50.37	ug/L	98
59) 1,2,3-Trichloropropane	10.280	75	191552	49.93	ug/L	99
61) Bromoform	9.736	173	94546	46.39	ug/L	100
62) 1,3-Dichlorobenzene	11.187	146	284462	47.36	ug/L	99
63) 1,4-Dichlorobenzene	11.280	146	292342	47.43	ug/L	99
65) 1,2-Dichlorobenzene	11.650	146	293348	48.48	ug/L	97
66) 1,2-Dibromo-3-chloropr...	12.434	75	52123	49.52	ug/L	97
67) 1,3,5-Trichlorobenzene	12.653	180	213883	47.42	ug/L	99
68) 1,2,4-trichlorobenzene	13.270	180	193580	48.54	ug/L	99
69) Naphthalene	13.511	128	595972	51.66	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	191345	49.43	ug/L	100

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

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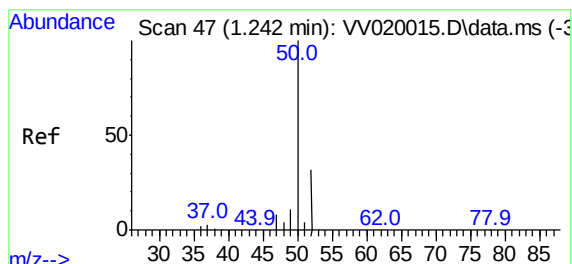
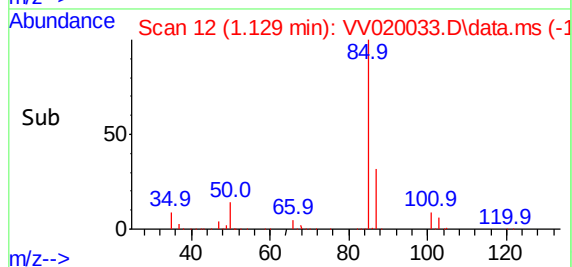
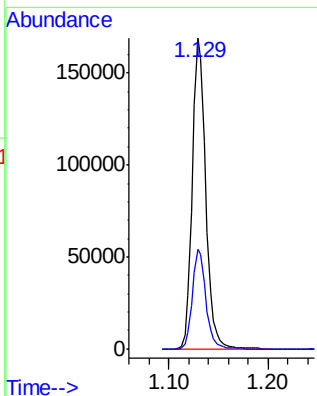
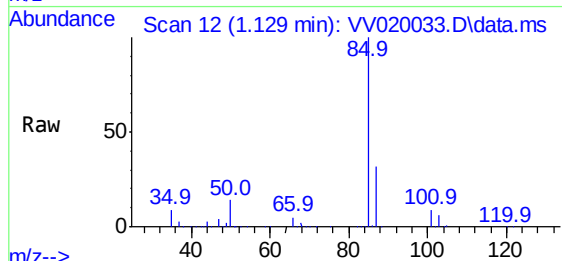


#2

Dichlorodifluoromethane
 Concen: 42.84 ug/L
 RT: 1.129 min Scan# 12
 Delta R.T. 0.000 min
 Lab File: VV020033.D
 Acq: 15 Jan 2021 18:54

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 VSTD05069

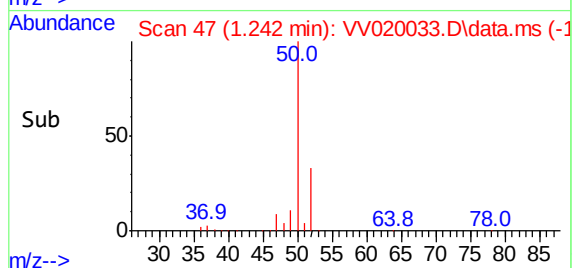
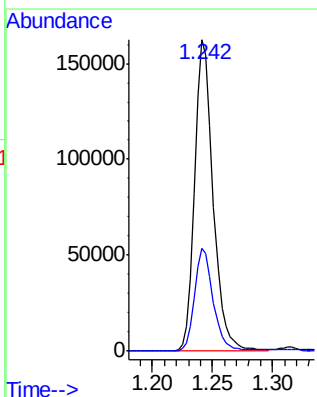
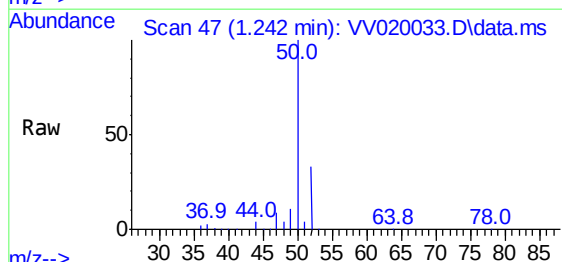
Tgt Ion: 85 Resp: 157627
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.9 38.9

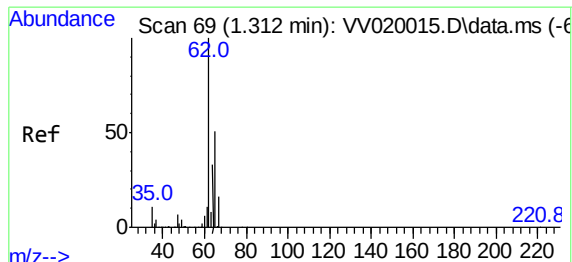


#3

Chloromethane
 Concen: 47.99 ug/L
 RT: 1.242 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: VV020033.D
 Acq: 15 Jan 2021 18:54

Tgt Ion: 50 Resp: 169233
 Ion Ratio Lower Upper
 50 100
 52 32.9 22.7 42.1



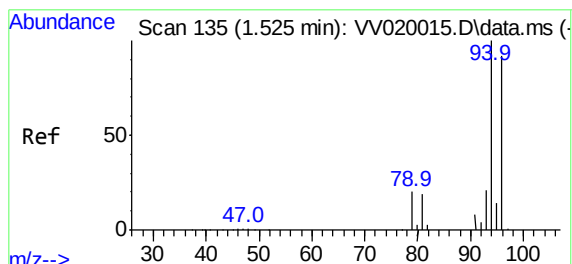
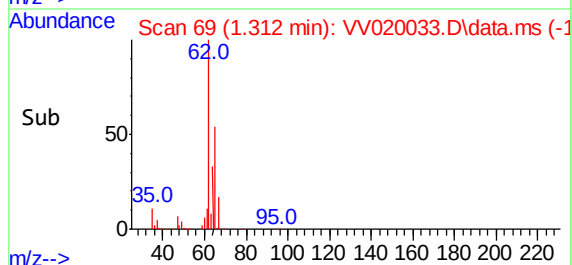
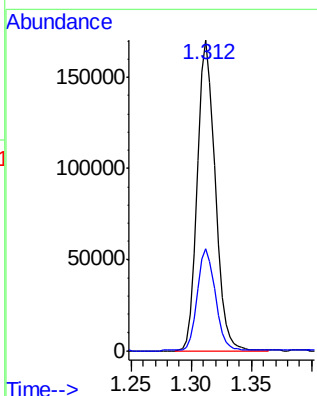
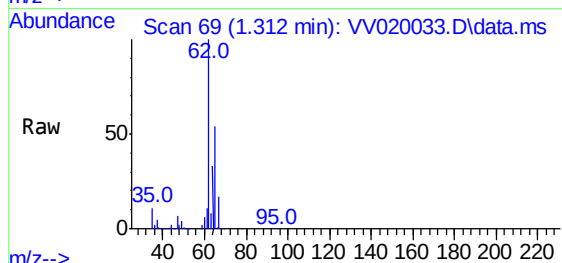


#5
 Vinyl chloride
 Concen: 47.43 ug/L
 RT: 1.312 min Scan# 69
 Delta R.T. 0.000 min
 Lab File: VV020033.D
 Acq: 15 Jan 2021 18:54

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05069

Tgt Ion: 62 Resp: 169282

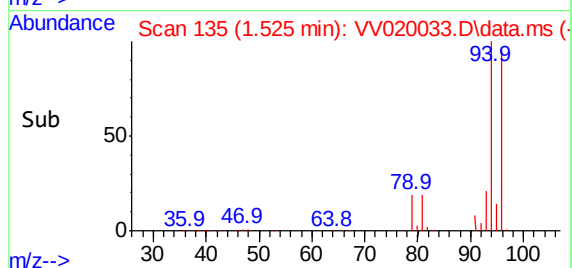
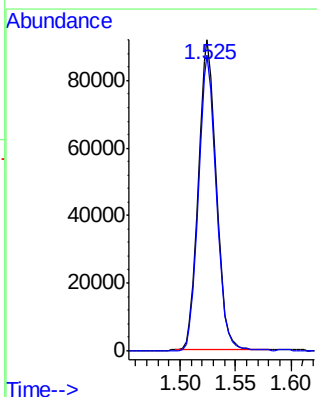
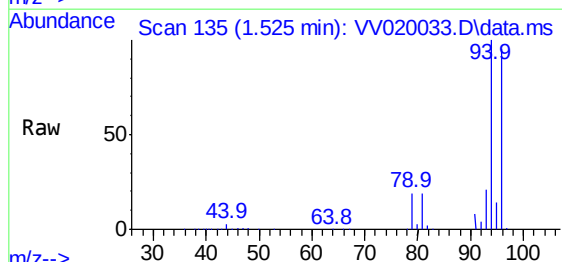
Ion	Ratio	Lower	Upper
62	100		
64	33.0	23.0	42.6

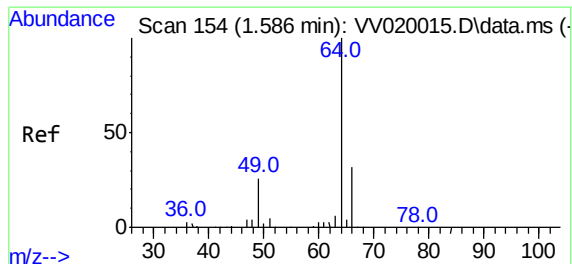


#6
 Bromomethane
 Concen: 46.32 ug/L
 RT: 1.525 min Scan# 135
 Delta R.T. 0.000 min
 Lab File: VV020033.D
 Acq: 15 Jan 2021 18:54

Tgt Ion: 94 Resp: 103086

Ion	Ratio	Lower	Upper
94	100		
96	95.2	63.6	118.2

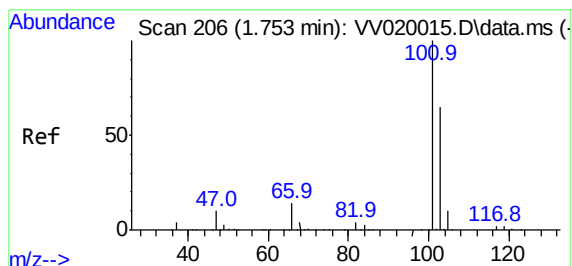
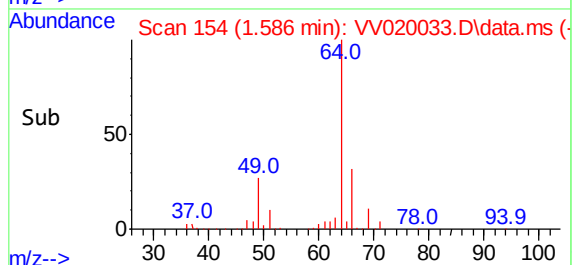
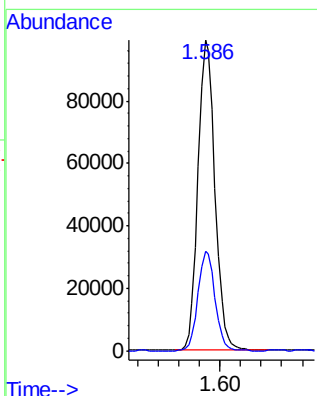
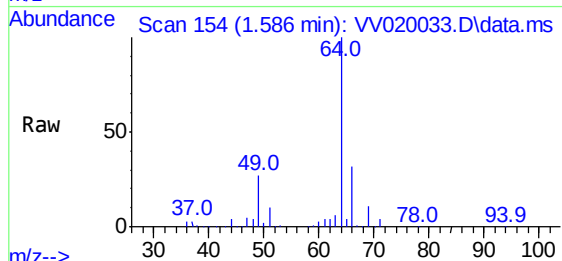




#8
Chloroethane
Concen: 51.52 ug/L
RT: 1.586 min Scan# 154
Delta R.T. 0.000 min
Lab File: VV020033.D
Acq: 15 Jan 2021 18:54

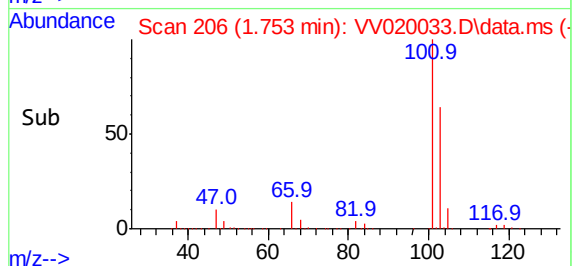
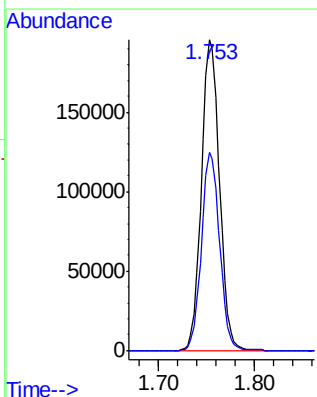
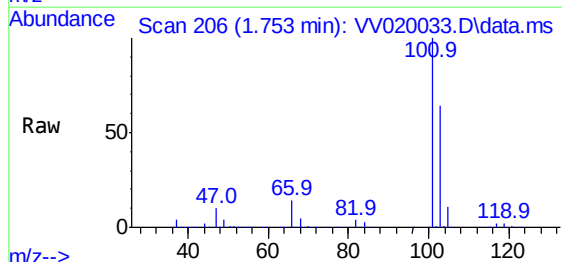
Instrument :
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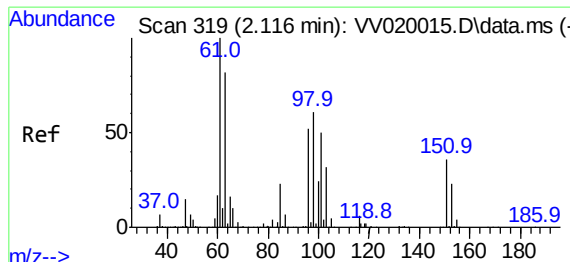
Tgt Ion: 64 Resp: 113172
Ion Ratio Lower Upper
64 100
66 31.9 22.4 41.6



#9
Trichlorofluoromethane
Concen: 50.49 ug/L
RT: 1.753 min Scan# 206
Delta R.T. 0.000 min
Lab File: VV020033.D
Acq: 15 Jan 2021 18:54

Tgt Ion:101 Resp: 253168
Ion Ratio Lower Upper
101 100
103 63.9 51.7 77.5

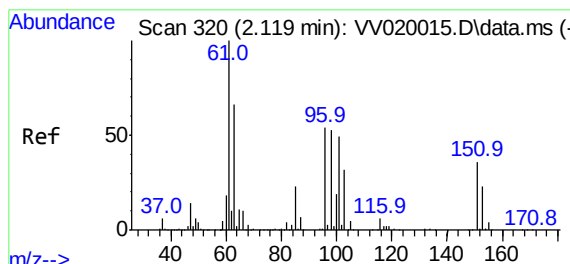
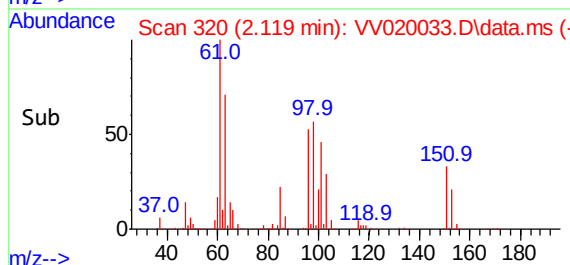
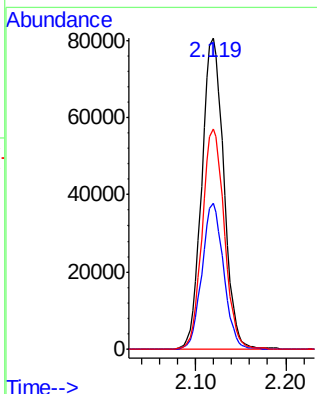
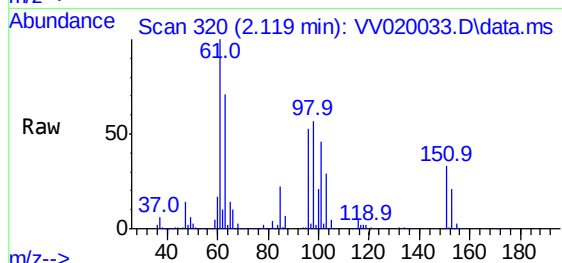




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 48.58 ug/L
 RT: 2.119 min Scan# 320
 Delta R.T. 0.003 min
 Lab File: VV020033.D
 Acq: 15 Jan 2021 18:54

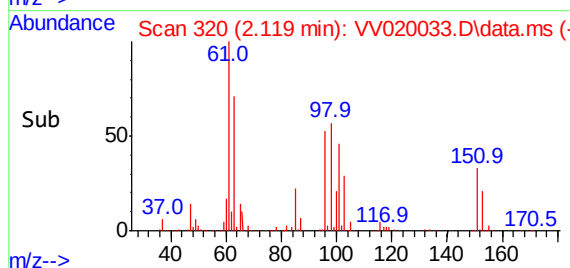
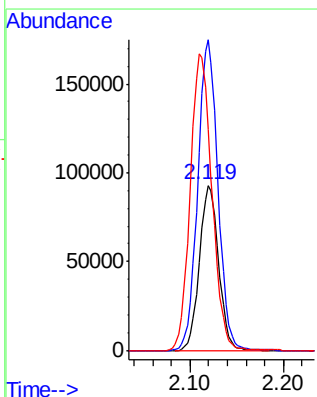
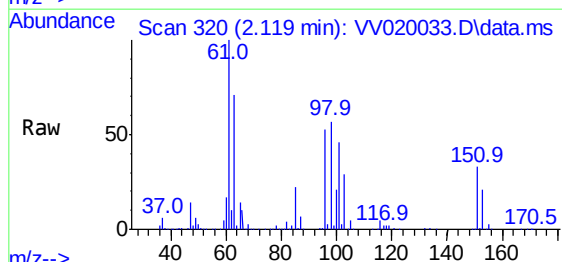
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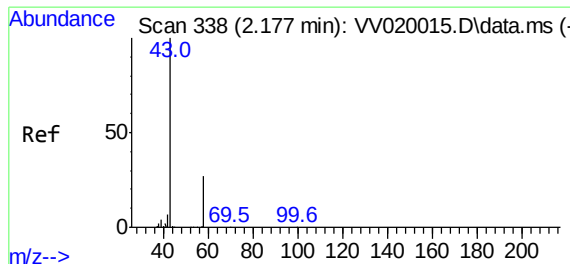
Tgt Ion:101 Resp: 135288
 Ion Ratio Lower Upper
 101 100
 85 45.9 35.3 52.9
 151 71.0 53.6 80.4



#12
 1,1-Dichloroethene
 Concen: 49.39 ug/L
 RT: 2.119 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV020033.D
 Acq: 15 Jan 2021 18:54

Tgt Ion: 96 Resp: 132634
 Ion Ratio Lower Upper
 96 100
 61 188.5 134.9 250.5
 63 134.0 117.6 218.4

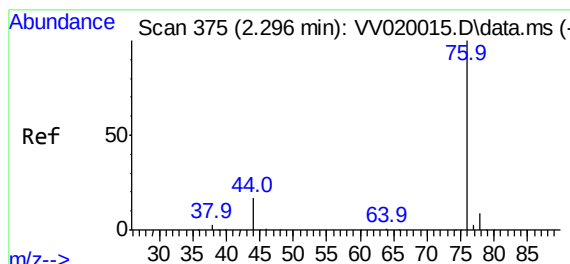
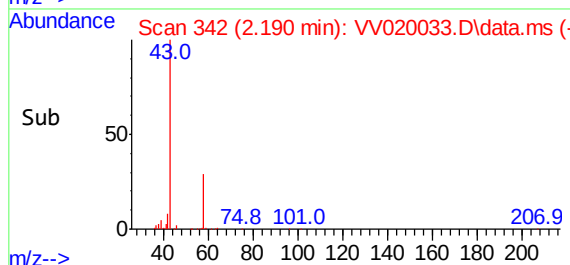
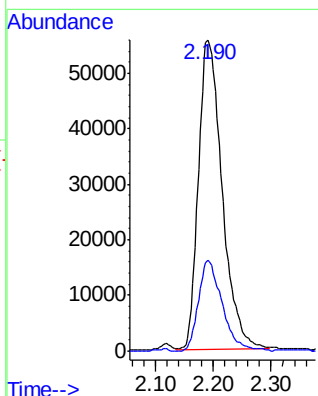
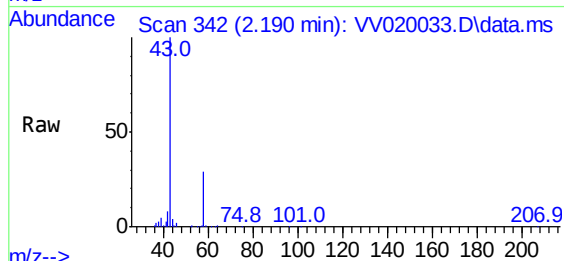




#13
Acetone
Concen: 86.29 ug/L
RT: 2.190 min Scan# 342
Delta R.T. 0.013 min
Lab File: VV020033.D
Acq: 15 Jan 2021 18:54

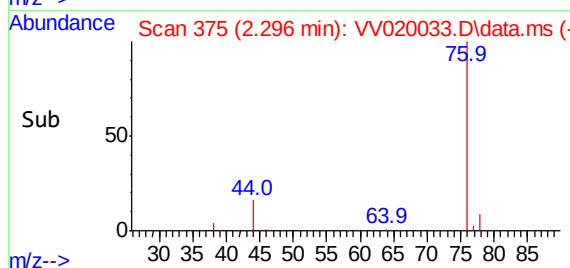
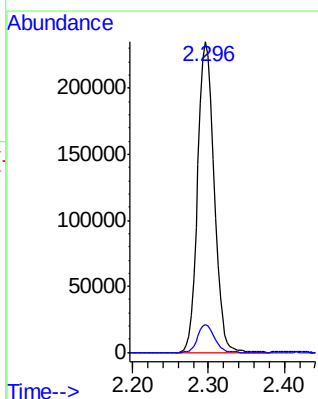
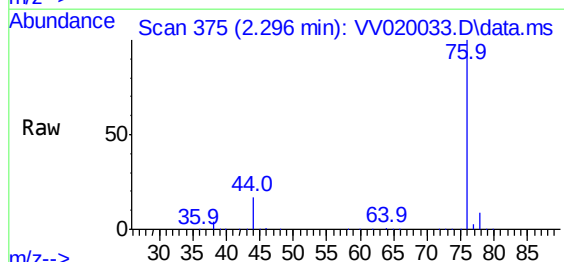
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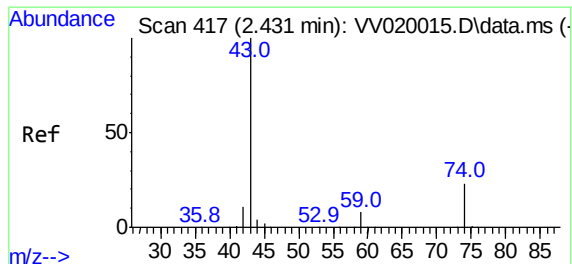
Tgt Ion: 43 Resp: 158851
Ion Ratio Lower Upper
43 100
58 28.9 0.0 60.2



#14
Carbon disulfide
Concen: 44.11 ug/L
RT: 2.296 min Scan# 375
Delta R.T. 0.000 min
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Acq: 15 Jan 2021 18:54

Tgt Ion: 76 Resp: 351963
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

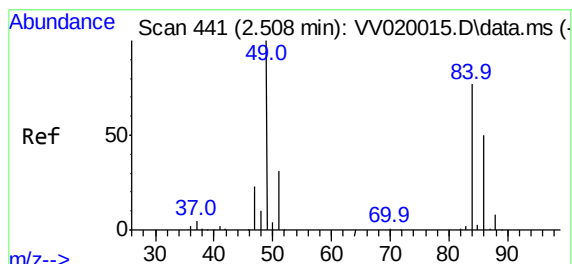
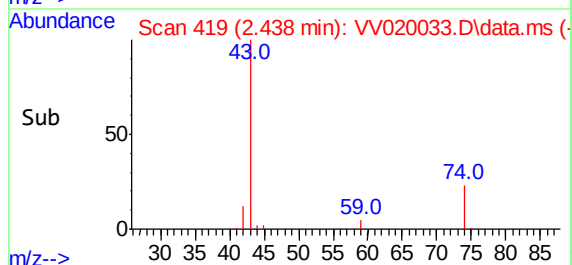
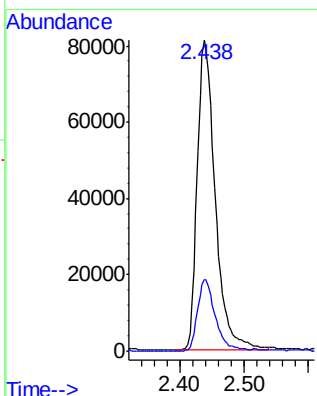
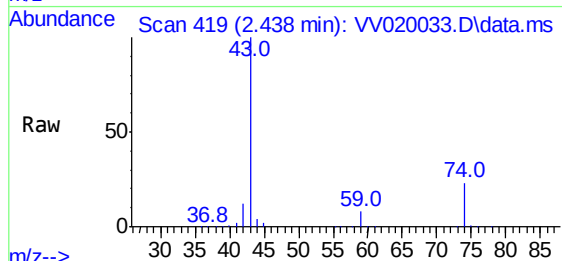




#15
Methyl Acetate
Concen: 50.67 ug/L
RT: 2.438 min Scan# 419
Delta R.T. 0.006 min
Lab File: VV020033.D
Acq: 15 Jan 2021 18:54

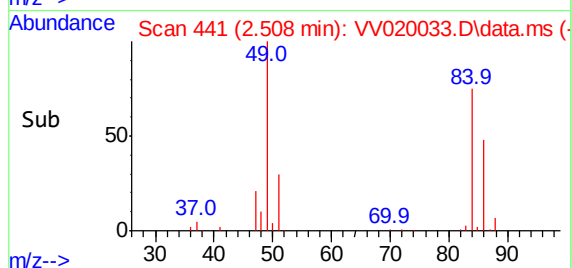
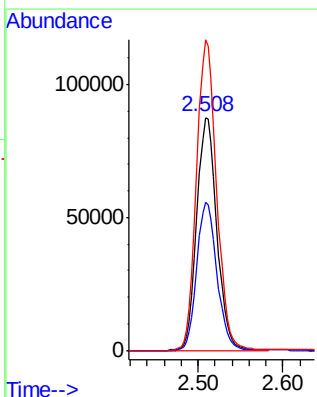
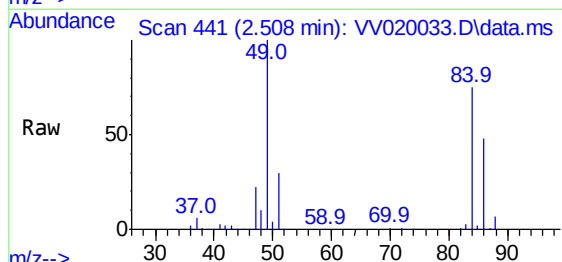
Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

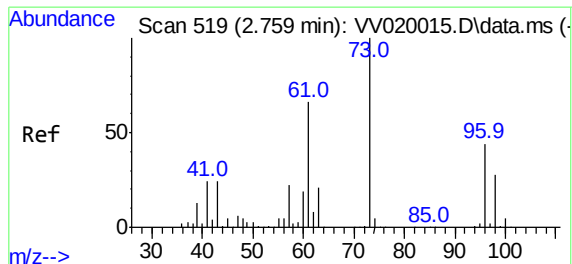
Tgt Ion: 43 Resp: 158296
Ion Ratio Lower Upper
43 100
74 22.5 17.6 26.4



#16
Methylene chloride
Concen: 50.49 ug/L
RT: 2.508 min Scan# 441
Delta R.T. 0.000 min
Lab File: VV020033.D
Acq: 15 Jan 2021 18:54

Tgt Ion: 84 Resp: 144086
Ion Ratio Lower Upper
84 100
86 63.5 44.6 82.8
49 133.5 94.6 175.8

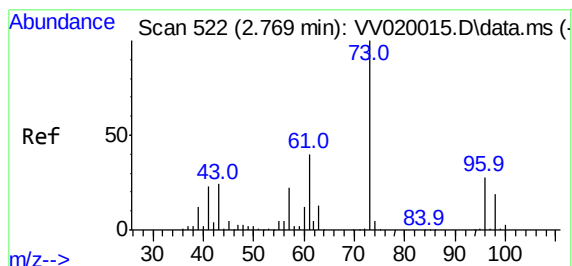
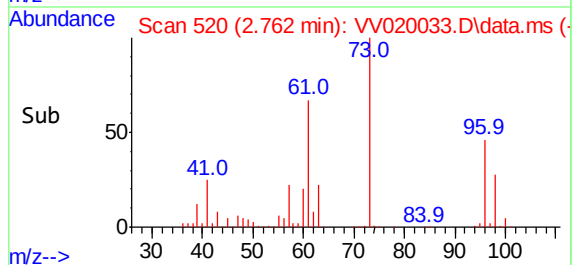
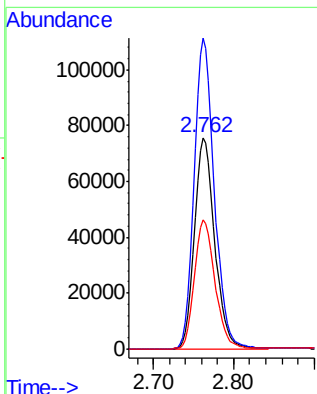
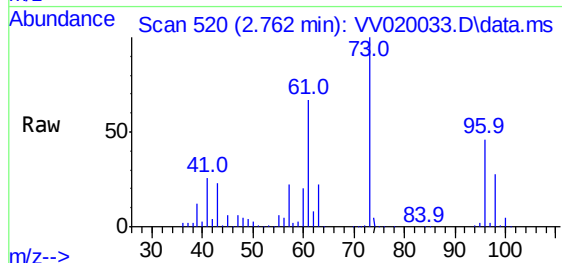




#17
trans-1,2-Dichloroethene
Concen: 48.68 ug/L
RT: 2.762 min Scan# 520
Delta R.T. 0.003 min
Lab File: VV020033.D
Acq: 15 Jan 2021 18:54

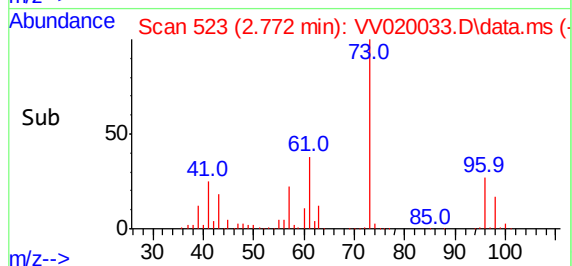
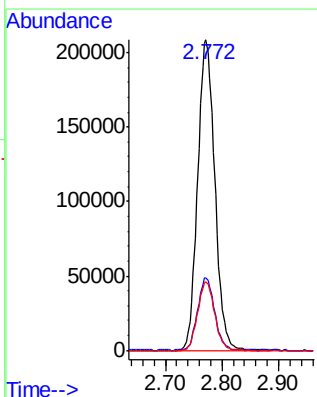
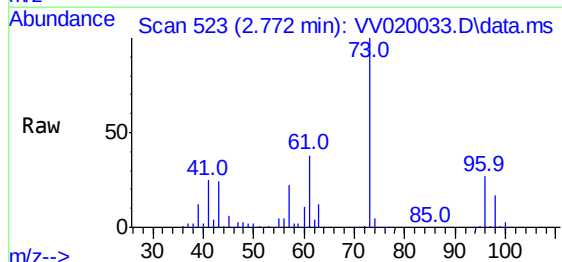
Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

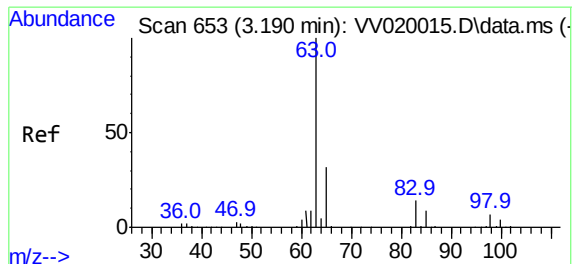
Tgt Ion: 96 Resp: 131033
Ion Ratio Lower Upper
96 100
61 146.9 103.1 191.5
98 60.8 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 49.67 ug/L
RT: 2.772 min Scan# 523
Delta R.T. 0.003 min
Lab File: VV020033.D
Acq: 15 Jan 2021 18:54

Tgt Ion: 73 Resp: 435400
Ion Ratio Lower Upper
73 100
43 23.1 17.3 25.9
57 21.9 17.9 26.9

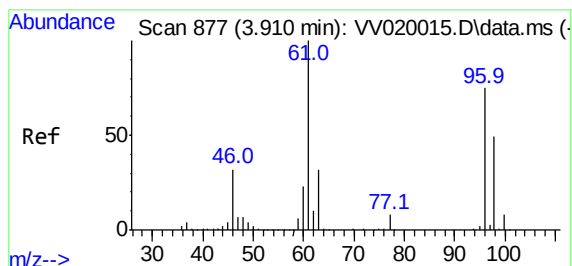
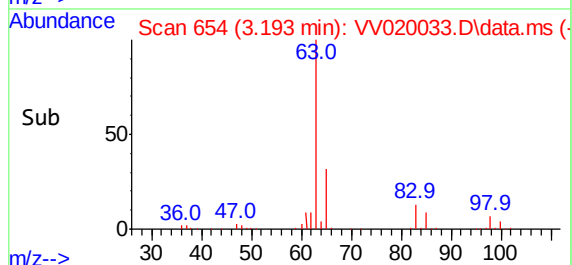
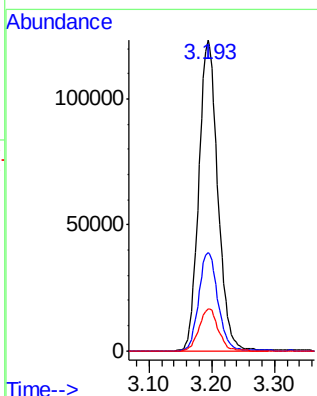
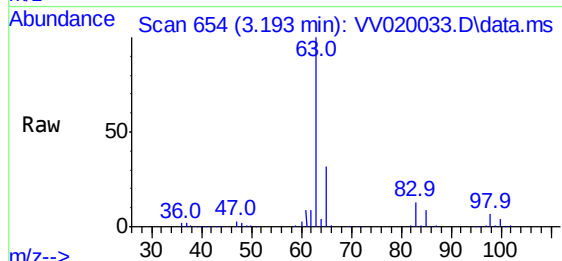




#19
1,1-Dichloroethane
Concen: 49.97 ug/L
RT: 3.193 min Scan# 654
Delta R.T. 0.003 min
Lab File: VV020033.D
Acq: 15 Jan 2021 18:54

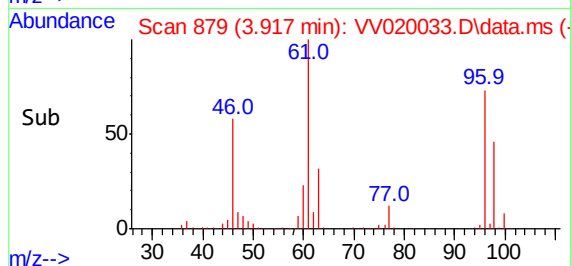
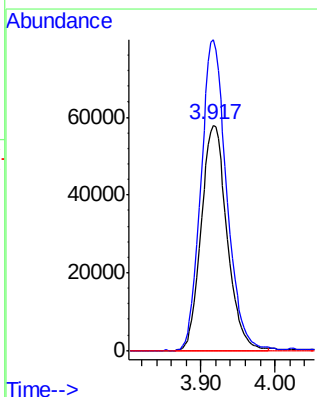
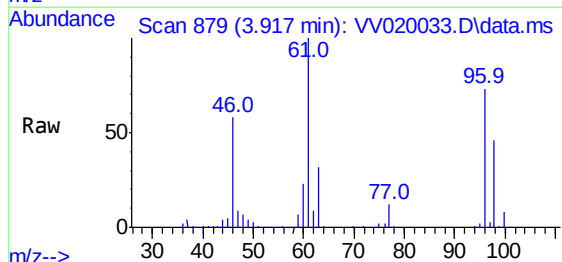
Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

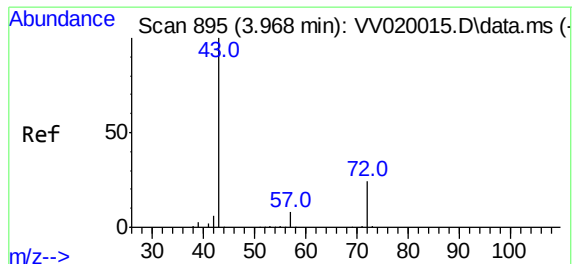
Tgt Ion: 63 Resp: 257167
Ion Ratio Lower Upper
63 100
65 31.8 21.9 40.7
83 13.3 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 48.80 ug/L
RT: 3.917 min Scan# 879
Delta R.T. 0.006 min
Lab File: VV020033.D
Acq: 15 Jan 2021 18:54

Tgt Ion: 96 Resp: 140279
Ion Ratio Lower Upper
96 100
61 137.8 96.9 179.9
68 0.0 0.0 0.0

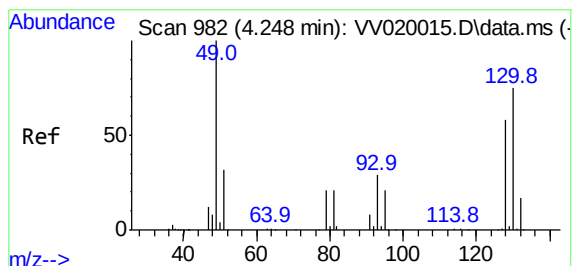
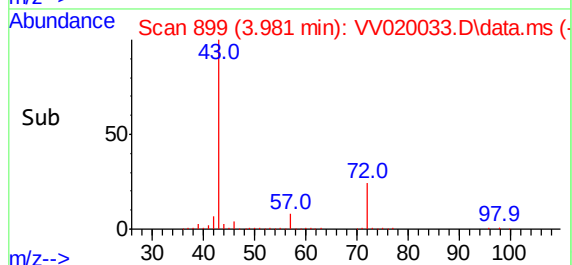
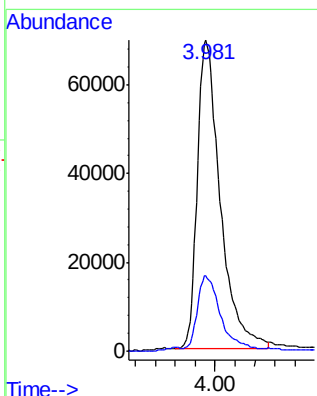
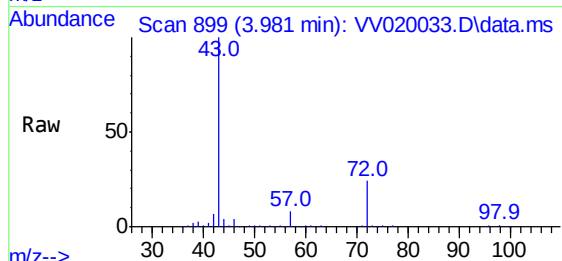




#22
2-Butanone
Concen: 100.83 ug/L
RT: 3.981 min Scan# 899
Delta R.T. 0.013 min
Lab File: VV020033.D
Acq: 15 Jan 2021 18:54

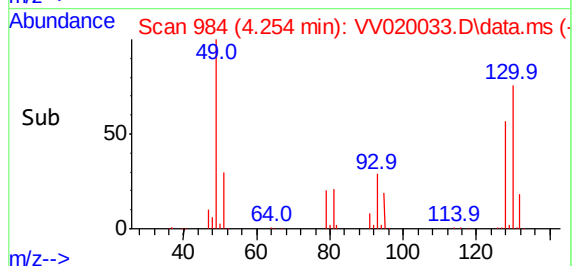
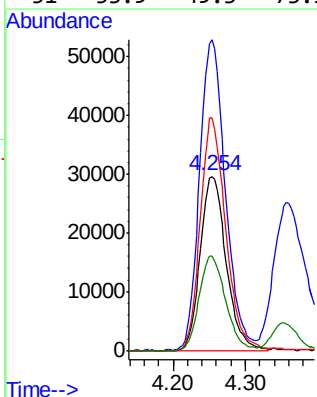
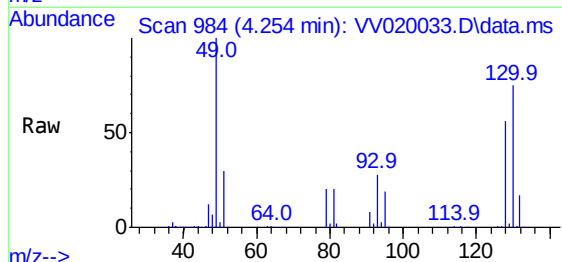
Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

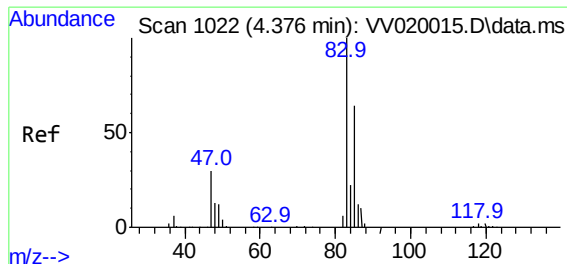
Tgt Ion: 43 Resp: 223669
Ion Ratio Lower Upper
43 100
72 24.5 12.2 36.6



#23
Bromochloromethane
Concen: 49.01 ug/L
RT: 4.254 min Scan# 984
Delta R.T. 0.006 min
Lab File: VV020033.D
Acq: 15 Jan 2021 18:54

Tgt Ion: 128 Resp: 73617
Ion Ratio Lower Upper
128 100
49 178.5 133.1 247.1
130 133.6 89.0 165.4
51 53.9 49.3 73.9

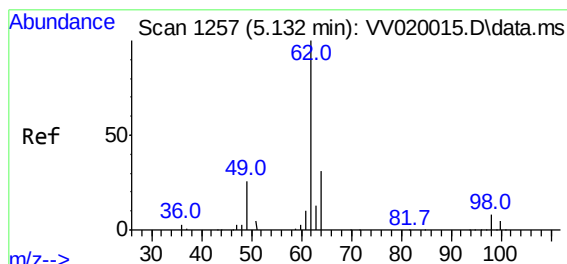
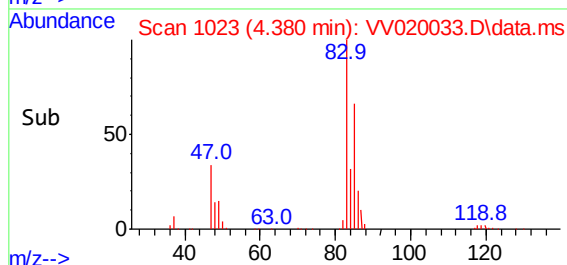
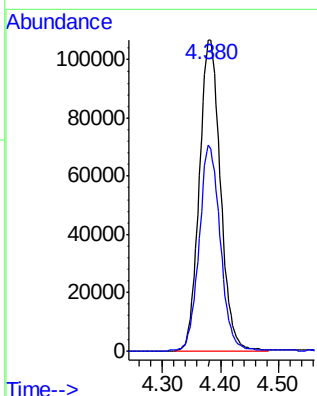
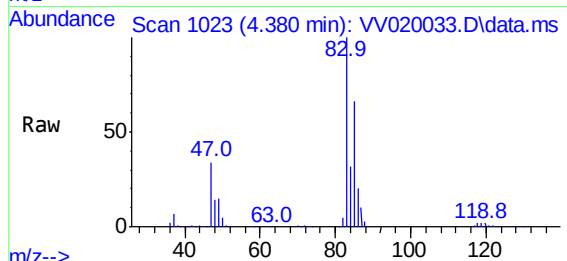




#25
Chloroform
Concen: 49.99 ug/L
RT: 4.380 min Scan# 1023
Delta R.T. 0.003 min
Lab File: VV020033.D
Acq: 15 Jan 2021 18:54

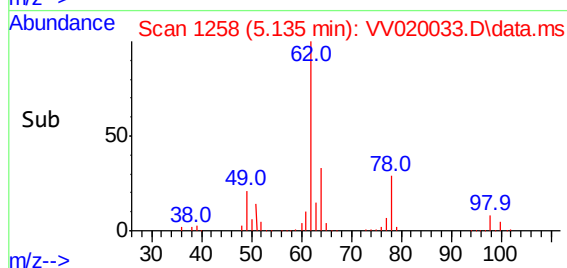
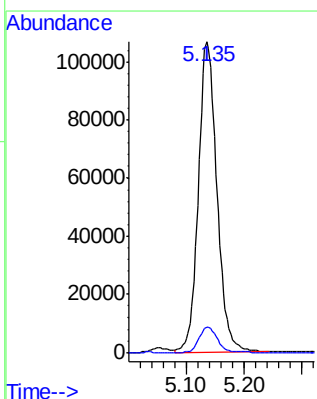
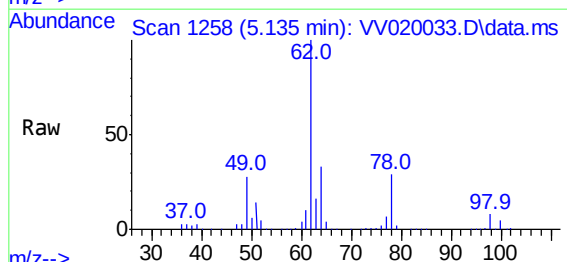
Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

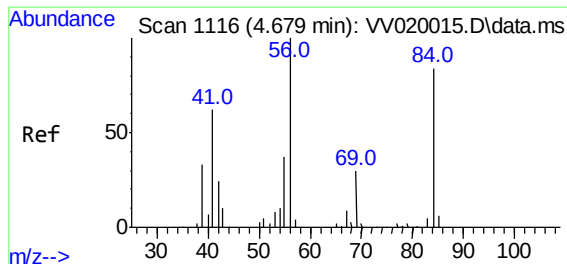
Tgt Ion: 83 Resp: 270485
Ion Ratio Lower Upper
83 100
85 66.1 44.2 82.2



#27
1,2-Dichloroethane
Concen: 52.44 ug/L
RT: 5.135 min Scan# 1258
Delta R.T. 0.003 min
Lab File: VV020033.D
Acq: 15 Jan 2021 18:54

Tgt Ion: 62 Resp: 237079
Ion Ratio Lower Upper
62 100
98 8.1 6.9 10.3



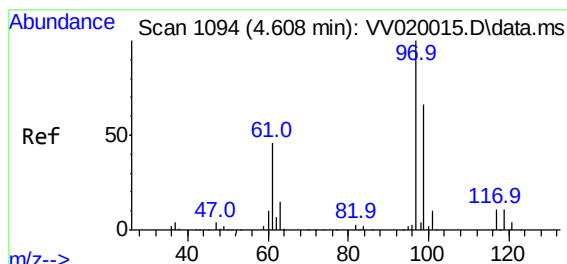
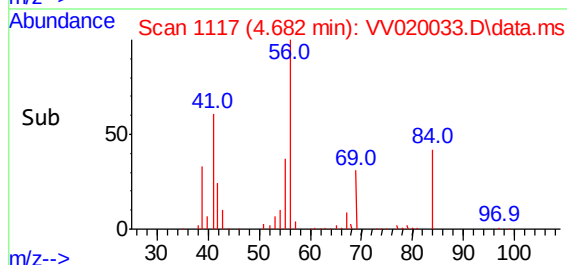
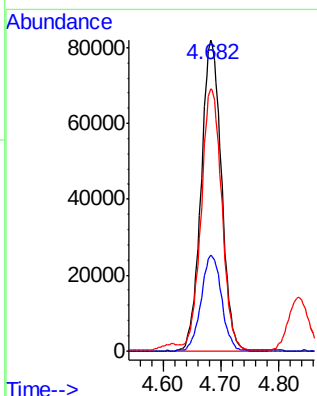
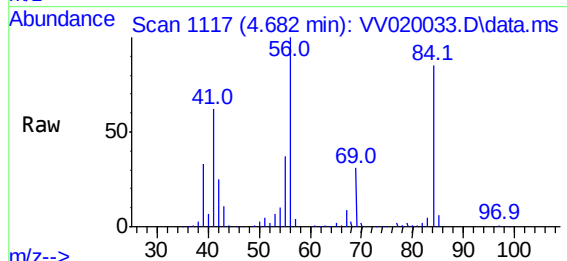


#29
Cyclohexane
Concen: 44.87 ug/L
RT: 4.682 min Scan# 1117
Delta R.T. 0.003 min
Lab File: VV020033.D
Acq: 15 Jan 2021 18:54

Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

Tgt Ion: 56 Resp: 198772

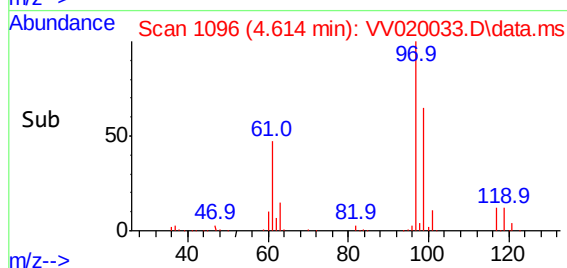
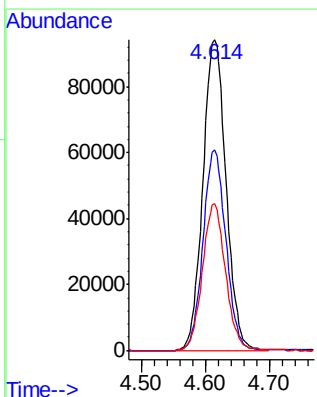
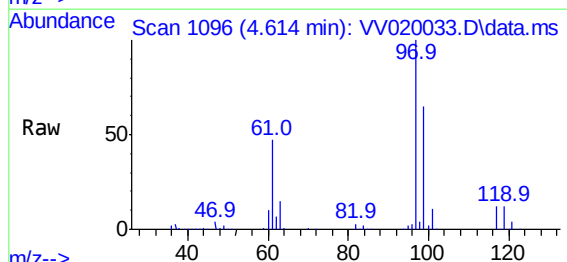
Ion	Ratio	Lower	Upper
56	100		
69	30.9	24.2	36.2
84	86.1	66.3	99.5

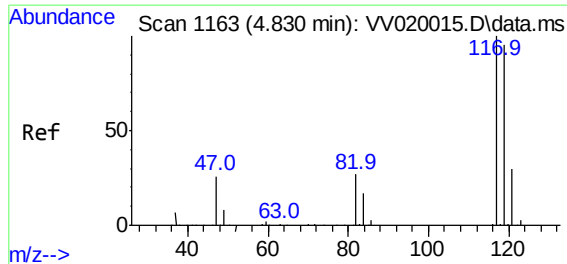


#30
1,1,1-Trichloroethane
Concen: 47.69 ug/L
RT: 4.614 min Scan# 1096
Delta R.T. 0.006 min
Lab File: VV020033.D
Acq: 15 Jan 2021 18:54

Tgt Ion: 97 Resp: 235018

Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.2	76.8
61	47.3	38.5	57.7

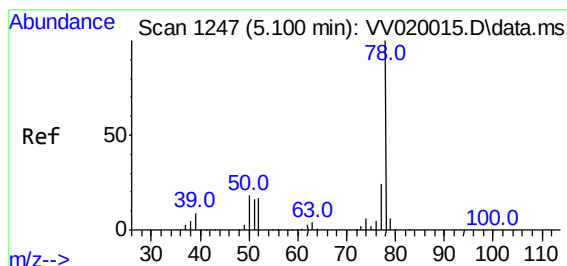
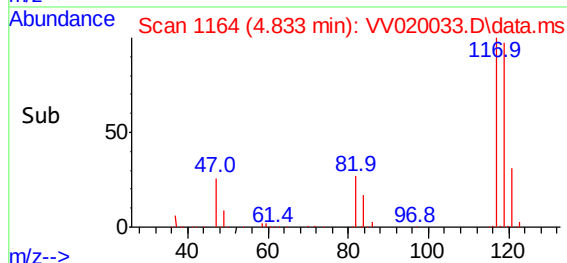
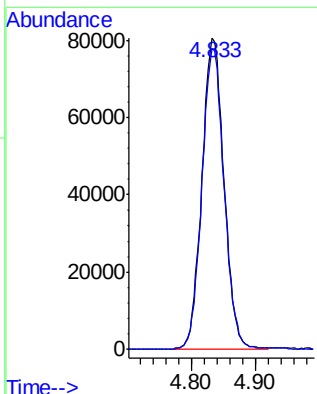
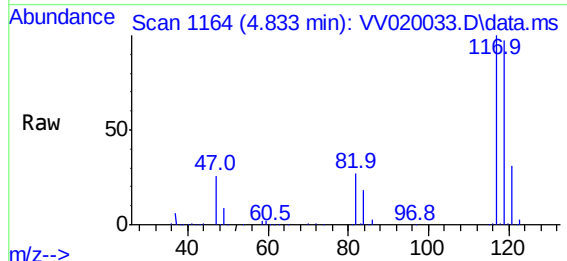




#31
Carbon tetrachloride
Concen: 45.61 ug/L
RT: 4.833 min Scan# 1164
Delta R.T. 0.003 min
Lab File: VV020033.D
Acq: 15 Jan 2021 18:54

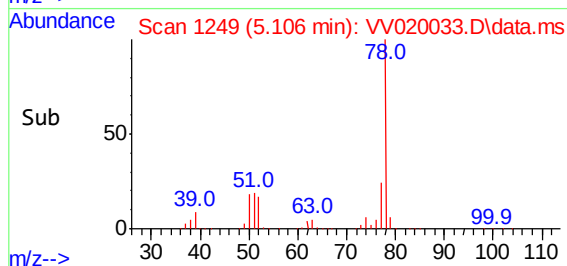
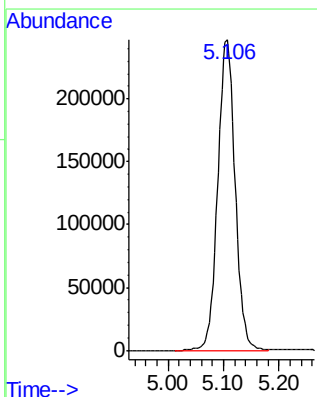
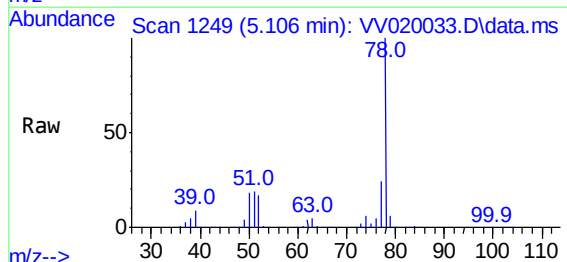
Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

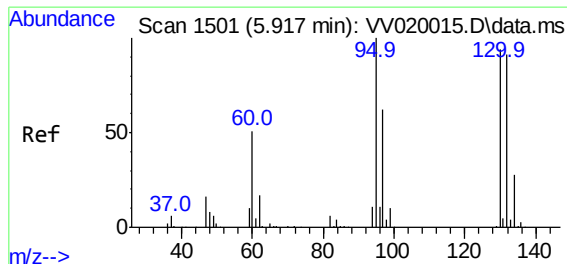
Tgt Ion:117 Resp: 191623
Ion Ratio Lower Upper
117 100
119 96.7 76.3 114.5



#33
Benzene
Concen: 49.42 ug/L
RT: 5.106 min Scan# 1249
Delta R.T. 0.006 min
Lab File: VV020033.D
Acq: 15 Jan 2021 18:54

Tgt Ion: 78 Resp: 537460

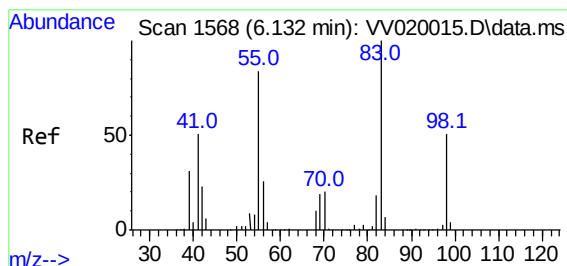
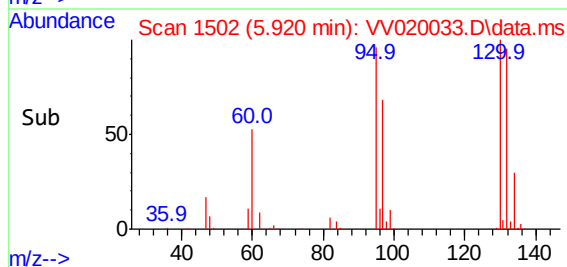
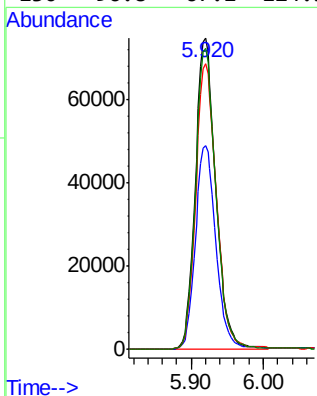
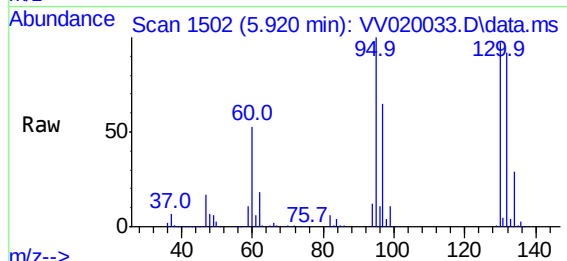




#34
Trichloroethene
Concen: 46.99 ug/L
RT: 5.920 min Scan# 1502
Delta R.T. 0.003 min
Lab File: VV020033.D
Acq: 15 Jan 2021 18:54

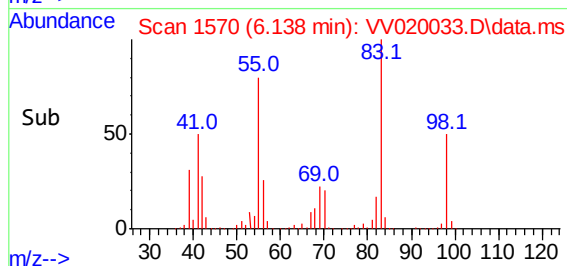
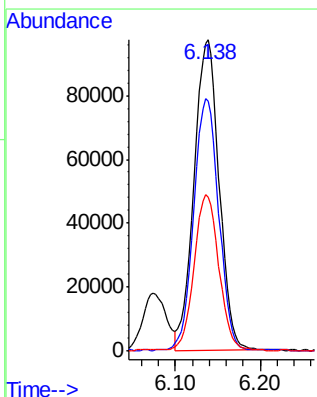
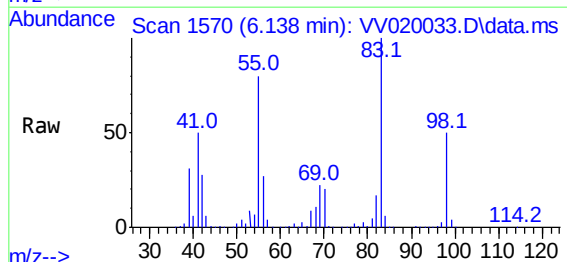
Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

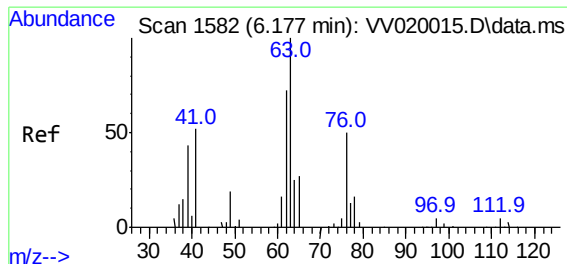
Tgt Ion: 95 Resp: 146451
Ion Ratio Lower Upper
95 100
97 65.5 44.5 82.7
132 91.9 63.4 117.8
130 96.8 67.1 124.5



#35
Methylcyclohexane
Concen: 44.68 ug/L
RT: 6.138 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VV020033.D
Acq: 15 Jan 2021 18:54

Tgt Ion: 83 Resp: 198990
Ion Ratio Lower Upper
83 100
55 81.2 65.1 97.7
98 49.2 38.2 57.2

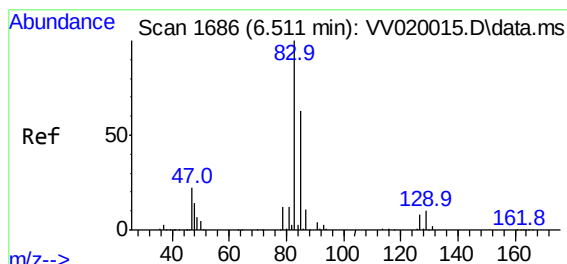
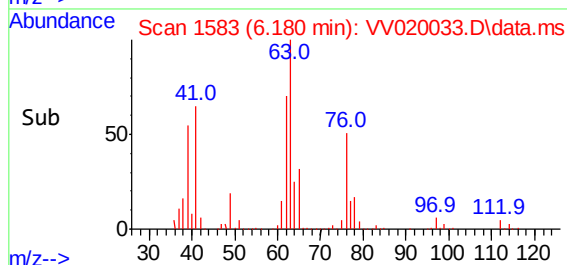
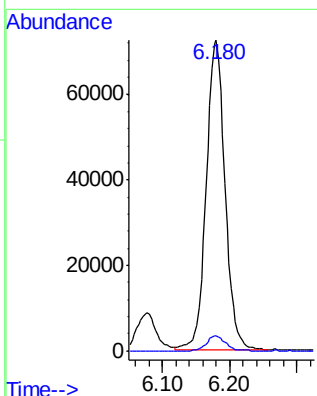
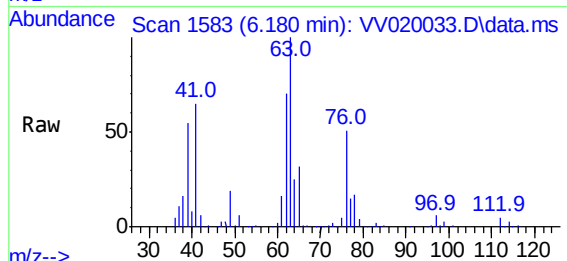




#37
1,2-Dichloropropane
Concen: 50.48 ug/L
RT: 6.180 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV020033.D
Acq: 15 Jan 2021 18:54

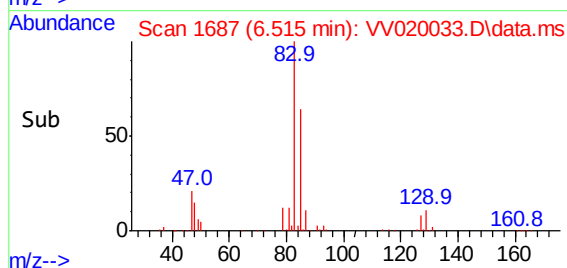
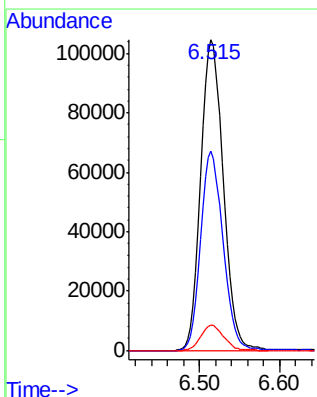
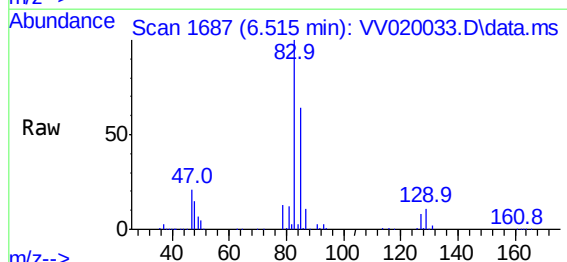
Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

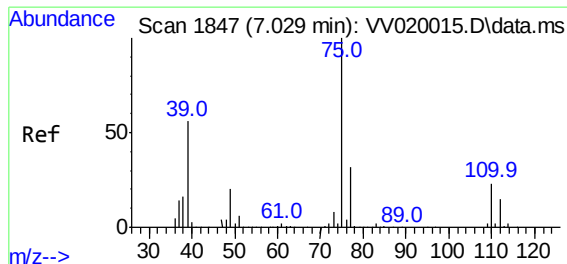
Tgt Ion: 63 Resp: 142407
Ion Ratio Lower Upper
63 100
112 4.8 3.3 4.9



#38
Bromodichloromethane
Concen: 48.59 ug/L
RT: 6.515 min Scan# 1687
Delta R.T. 0.003 min
Lab File: VV020033.D
Acq: 15 Jan 2021 18:54

Tgt Ion: 83 Resp: 197999
Ion Ratio Lower Upper
83 100
85 64.1 44.5 82.7
127 8.2 6.3 9.5

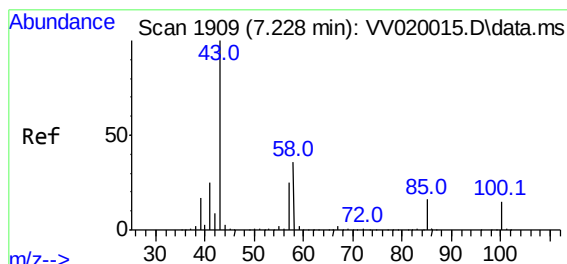
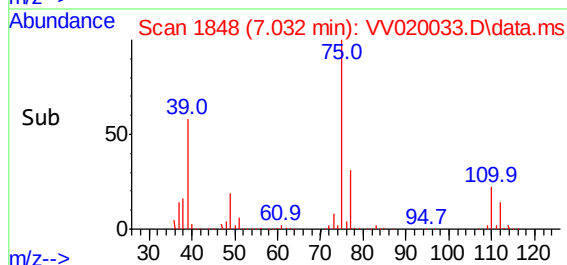
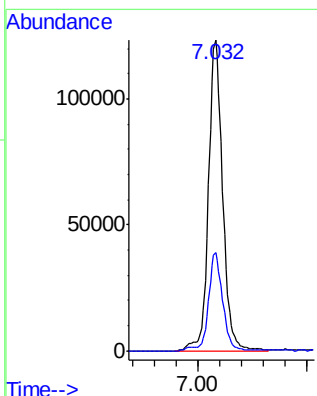
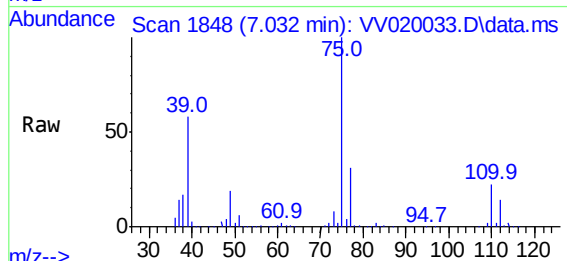




#39
cis-1,3-Dichloropropene
Concen: 50.78 ug/L
RT: 7.032 min Scan# 1848
Delta R.T. 0.003 min
Lab File: VV020033.D
Acq: 15 Jan 2021 18:54

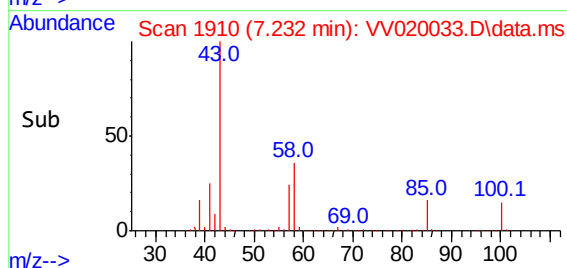
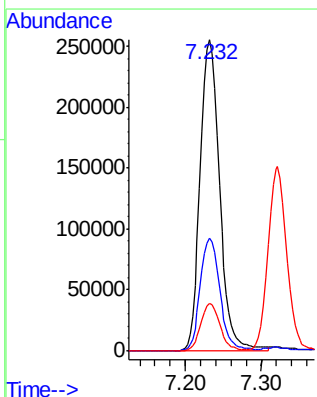
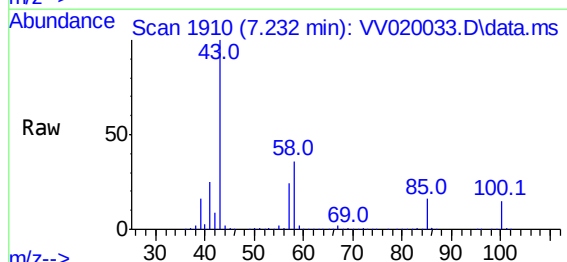
Instrument :
MSVOA_V
ClientSampled :
VSTD05069

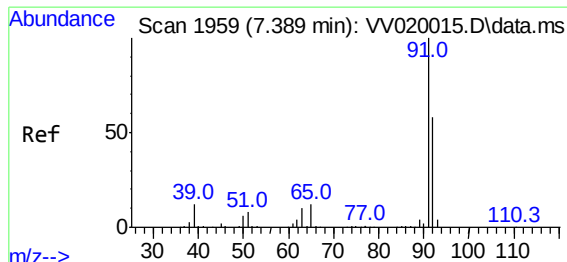
Tgt Ion: 75 Resp: 224315
Ion Ratio Lower Upper
75 100
77 31.5 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 104.05 ug/L
RT: 7.232 min Scan# 1910
Delta R.T. 0.003 min
Lab File: VV020033.D
Acq: 15 Jan 2021 18:54

Tgt Ion: 43 Resp: 450992
Ion Ratio Lower Upper
43 100
58 36.5 30.7 46.1
100 14.6 11.6 17.4





#42

Toluene

Concen: 49.28 ug/L

RT: 7.392 min Scan# 1960

Delta R.T. 0.003 min

Lab File: VV020033.D

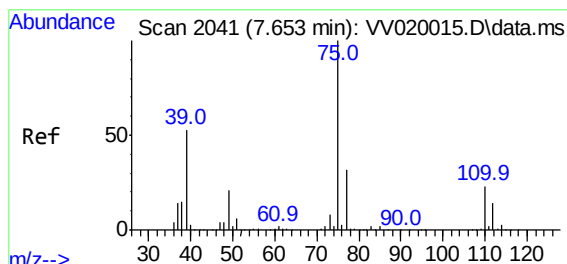
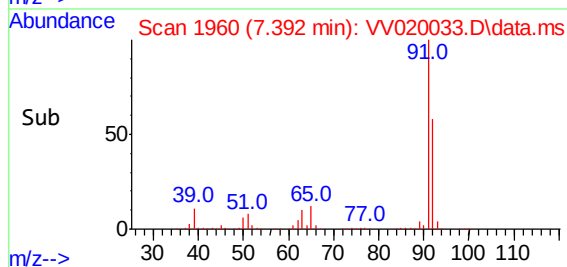
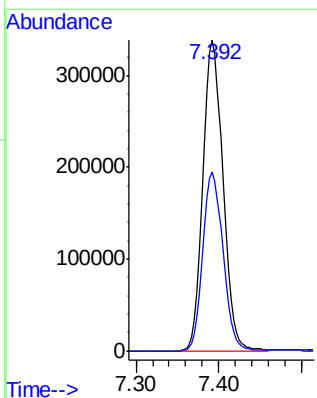
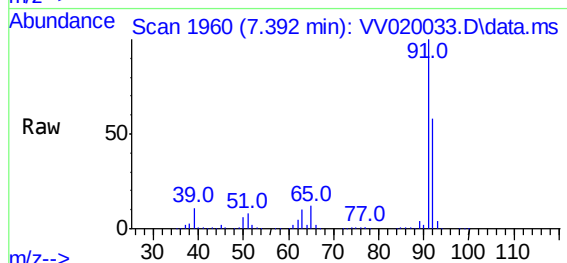
Acq: 15 Jan 2021 18:54

Tgt Ion: 91 Resp: 570746

Ion Ratio Lower Upper

91 100

92 57.5 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 48.20 ug/L

RT: 7.656 min Scan# 2042

Delta R.T. 0.003 min

Lab File: VV020033.D

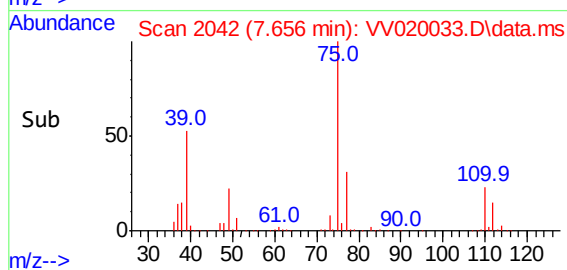
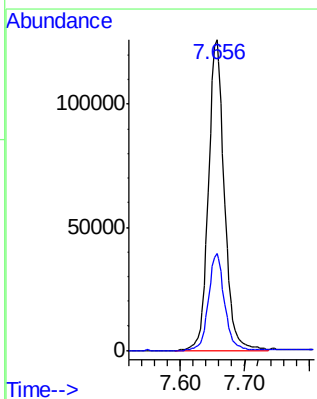
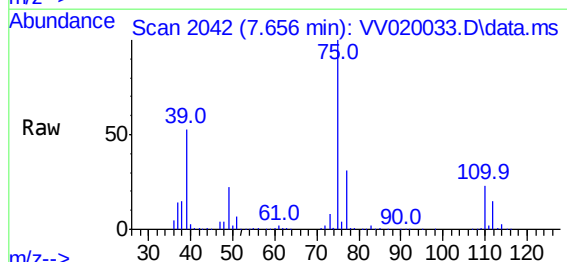
Acq: 15 Jan 2021 18:54

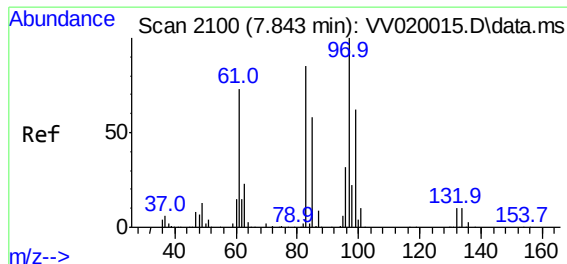
Tgt Ion: 75 Resp: 215989

Ion Ratio Lower Upper

75 100

77 31.2 22.0 41.0



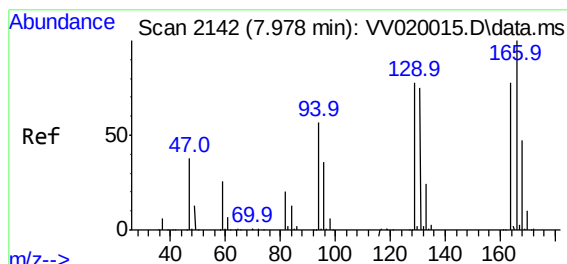
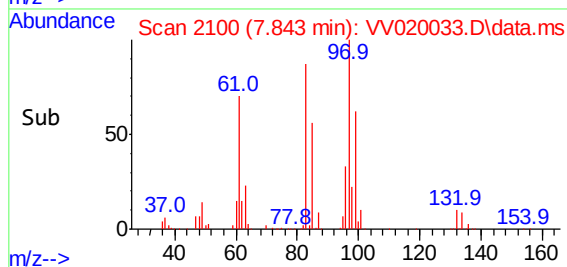
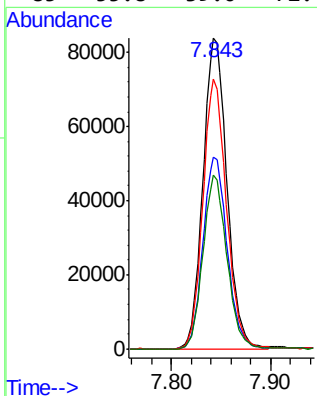
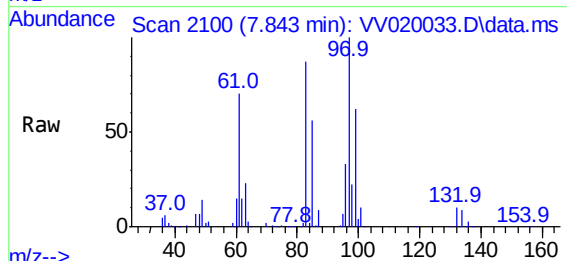


#45
1,1,2-Trichloroethane
Concen: 50.39 ug/L
RT: 7.843 min Scan# 2100
Delta R.T. 0.000 min
Lab File: VV020033.D
Acq: 15 Jan 2021 18:54

Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

Tgt Ion: 97 Resp: 139697

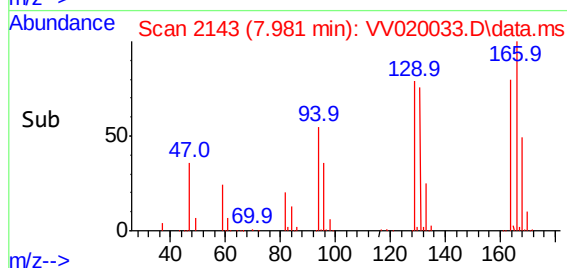
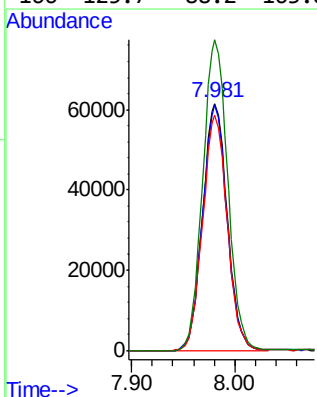
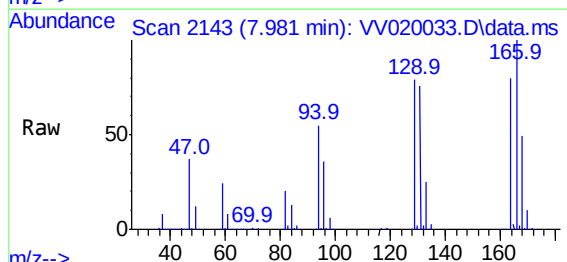
Ion	Ratio	Lower	Upper
97	100		
99	61.8	43.8	81.3
83	86.6	62.2	115.4
85	55.8	39.0	72.4

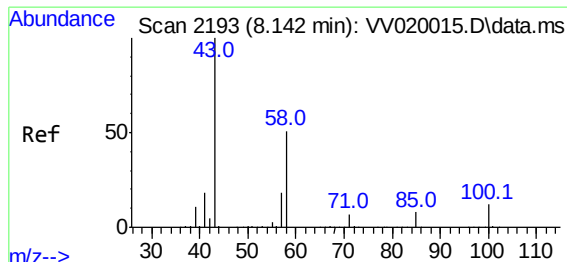


#46
Tetrachloroethene
Concen: 45.57 ug/L
RT: 7.981 min Scan# 2143
Delta R.T. 0.003 min
Lab File: VV020033.D
Acq: 15 Jan 2021 18:54

Tgt Ion: 164 Resp: 101957

Ion	Ratio	Lower	Upper
164	100		
129	99.3	70.6	131.0
131	95.1	66.8	124.0
166	125.7	88.2	163.8

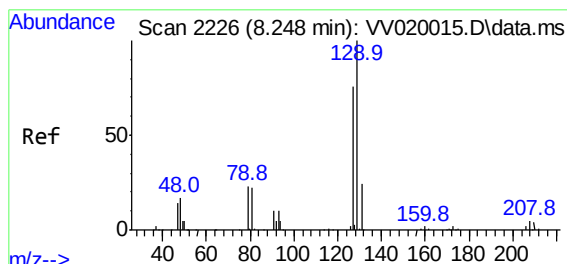
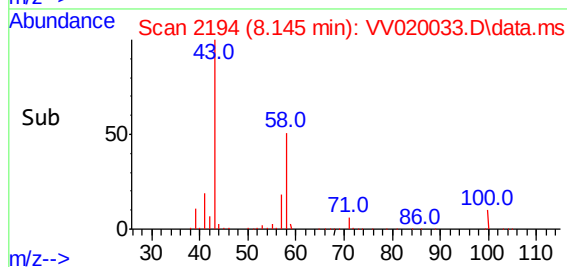
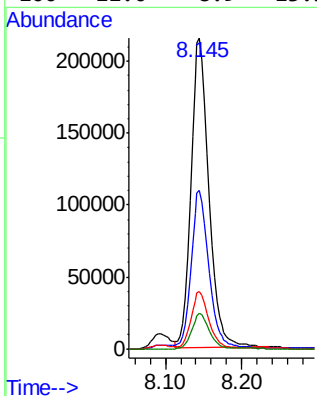
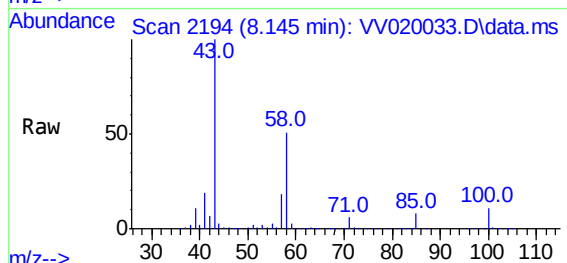




#48
2-Hexanone
Concen: 104.03 ug/L
RT: 8.145 min Scan# 2194
Delta R.T. 0.003 min
Lab File: VV020033.D
Acq: 15 Jan 2021 18:54

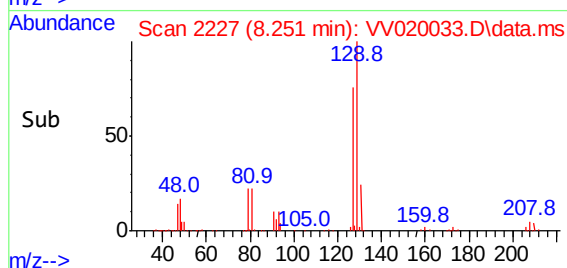
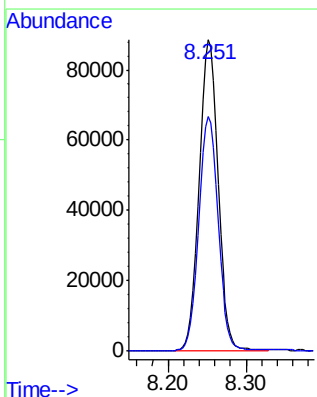
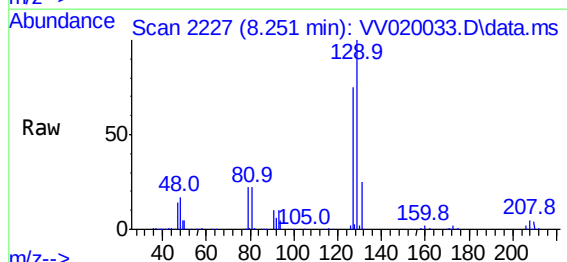
Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

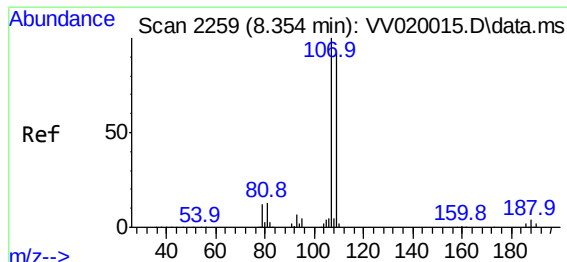
Tgt Ion: 43 Resp: 354697
Ion Ratio Lower Upper
43 100
58 51.1 41.8 62.6
57 17.7 15.0 22.4
100 11.0 8.9 13.3



#49
Dibromochloromethane
Concen: 48.40 ug/L
RT: 8.251 min Scan# 2227
Delta R.T. 0.003 min
Lab File: VV020033.D
Acq: 15 Jan 2021 18:54

Tgt Ion: 129 Resp: 148207
Ion Ratio Lower Upper
129 100
127 75.4 55.2 102.6

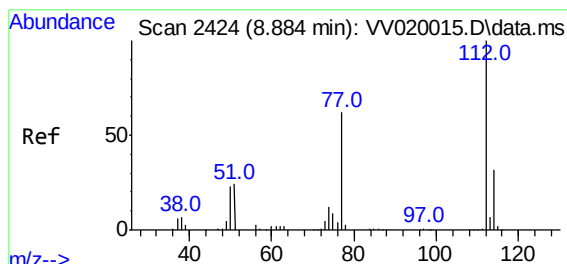
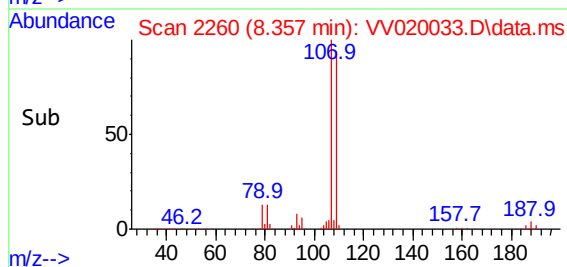
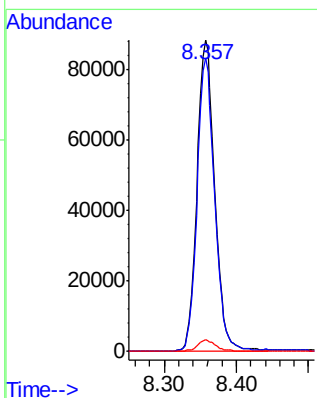
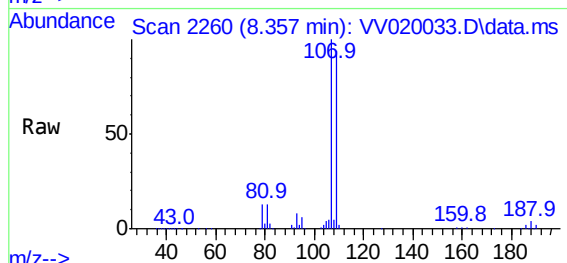




#50
1,2-Dibromoethane
Concen: 50.18 ug/L
RT: 8.357 min Scan# 2260
Delta R.T. 0.003 min
Lab File: VV020033.D
Acq: 15 Jan 2021 18:54

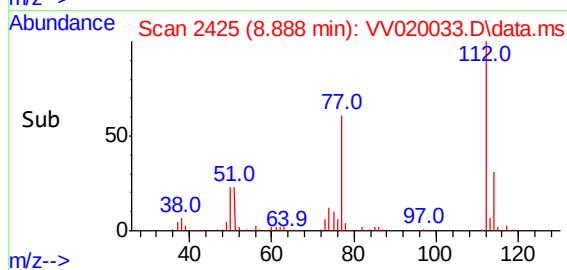
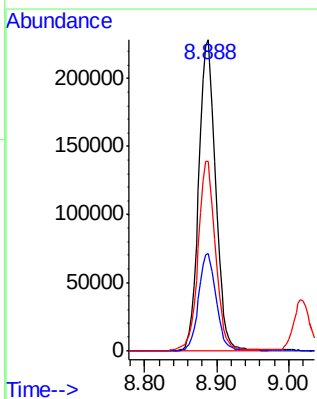
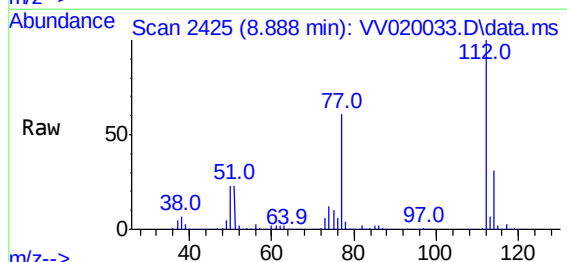
Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

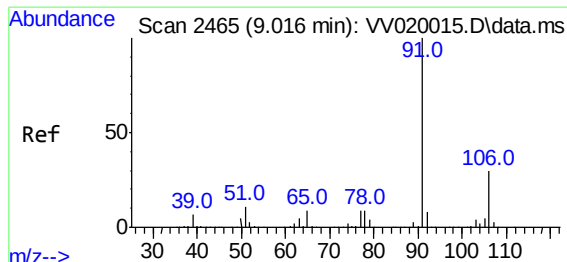
Tgt Ion:107 Resp: 149286
Ion Ratio Lower Upper
107 100
109 94.2 66.2 123.0
188 3.5 2.6 3.8



#51
Chlorobenzene
Concen: 48.34 ug/L
RT: 8.888 min Scan# 2425
Delta R.T. 0.003 min
Lab File: VV020033.D
Acq: 15 Jan 2021 18:54

Tgt Ion:112 Resp: 370771
Ion Ratio Lower Upper
112 100
114 31.2 22.2 41.2
77 60.9 49.0 73.6

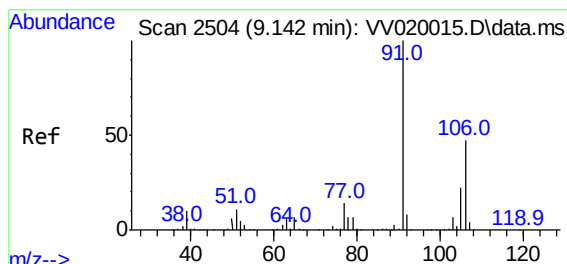
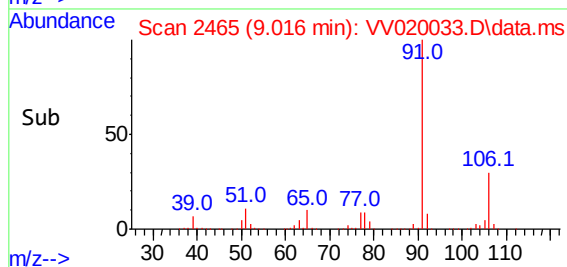
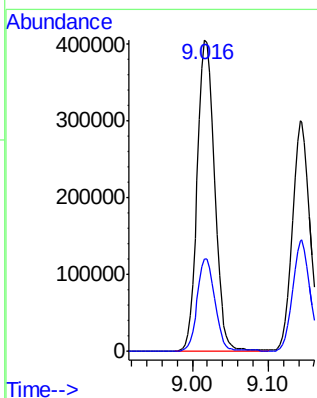
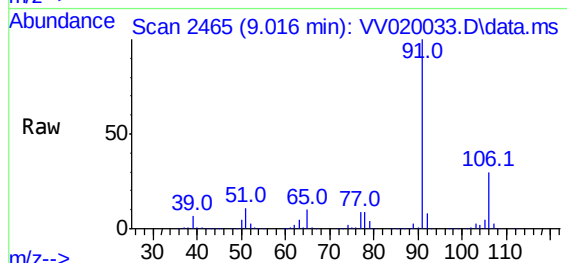




#52
Ethylbenzene
Concen: 48.41 ug/L
RT: 9.016 min Scan# 2465
Delta R.T. 0.000 min
Lab File: VV020033.D
Acq: 15 Jan 2021 18:54

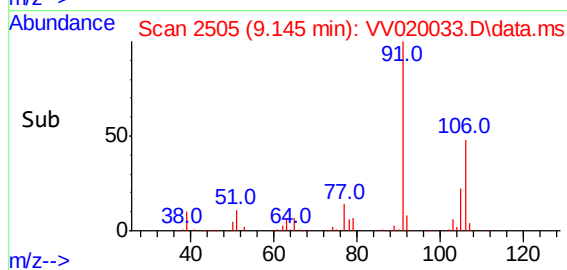
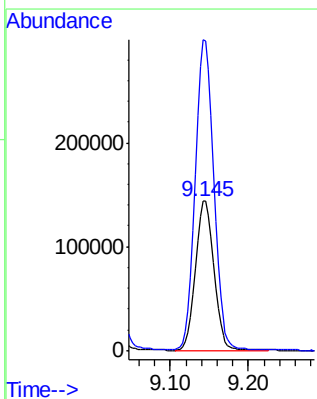
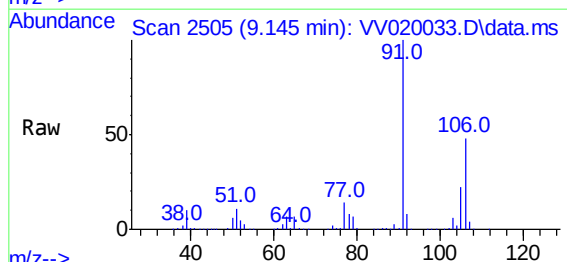
Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

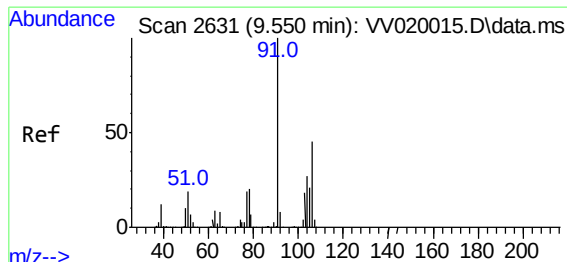
Tgt Ion: 91 Resp: 636686
Ion Ratio Lower Upper
91 100
106 29.7 21.0 39.0



#53
m,p-Xylene
Concen: 48.27 ug/L
RT: 9.145 min Scan# 2505
Delta R.T. 0.003 min
Lab File: VV020033.D
Acq: 15 Jan 2021 18:54

Tgt Ion: 106 Resp: 231884
Ion Ratio Lower Upper
106 100
91 207.0 148.1 275.0

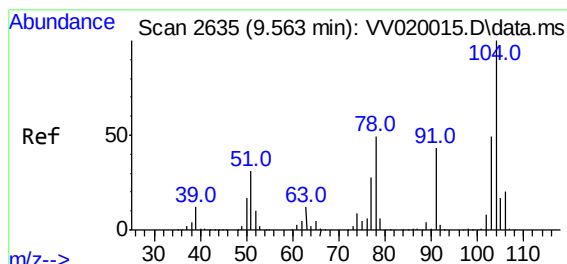
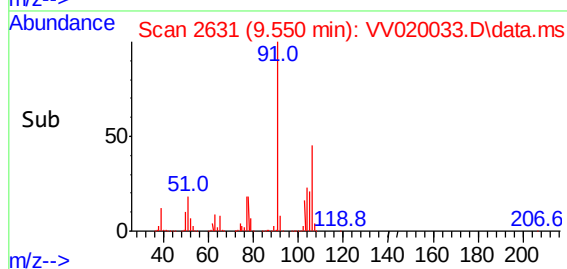
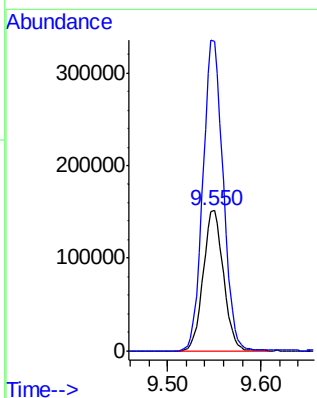
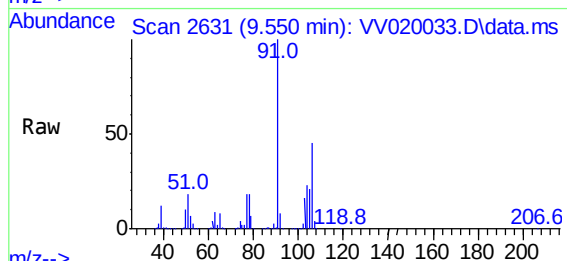




#54
o-xylene
Concen: 48.33 ug/L
RT: 9.550 min Scan# 2631
Delta R.T. 0.000 min
Lab File: VV020033.D
Acq: 15 Jan 2021 18:54

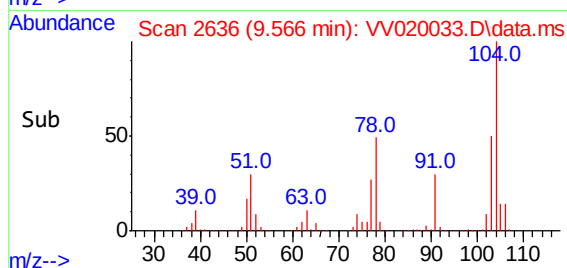
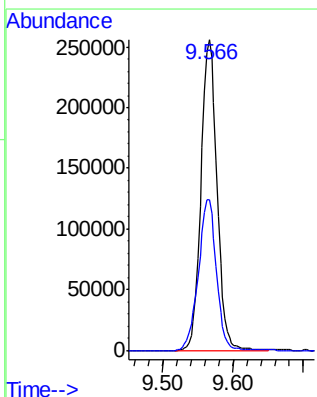
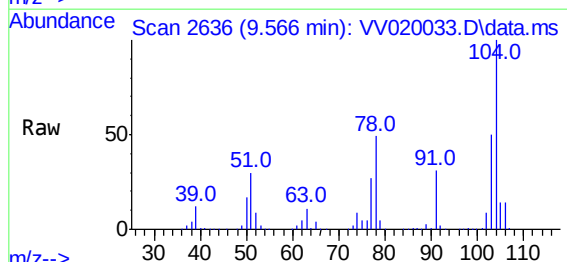
Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

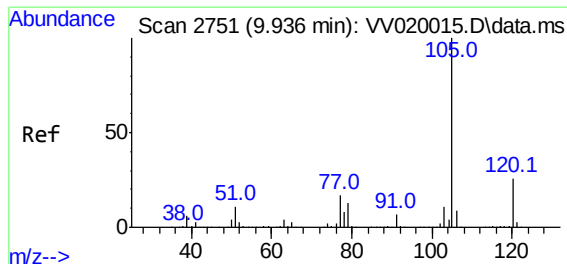
Tgt Ion:106 Resp: 228542
Ion Ratio Lower Upper
106 100
91 220.9 156.4 290.6



#55
Styrene
Concen: 49.13 ug/L
RT: 9.566 min Scan# 2636
Delta R.T. 0.003 min
Lab File: VV020033.D
Acq: 15 Jan 2021 18:54

Tgt Ion:104 Resp: 401696
Ion Ratio Lower Upper
104 100
78 48.5 33.7 62.5



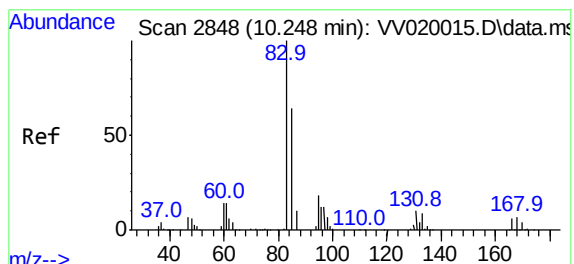
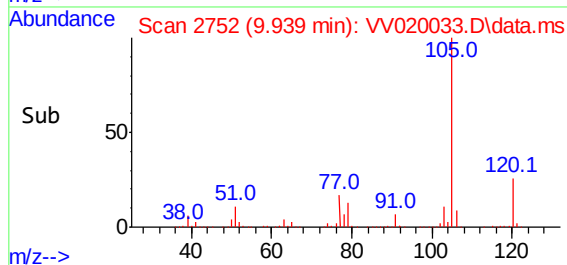
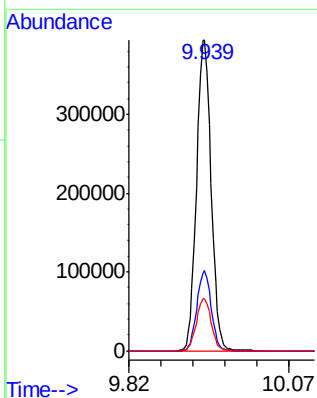
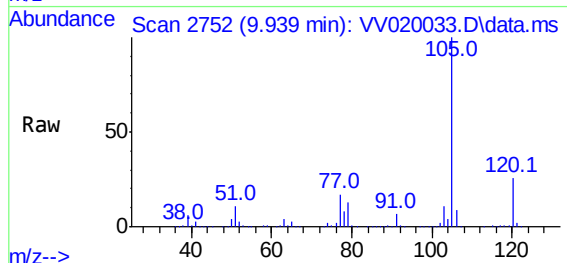


#56
Isopropylbenzene
Concen: 47.12 ug/L
RT: 9.939 min Scan# 2752
Delta R.T. 0.003 min
Lab File: VV020033.D
Acq: 15 Jan 2021 18:54

Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

Tgt Ion:105 Resp: 602694

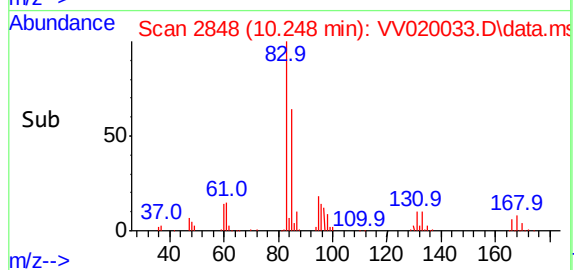
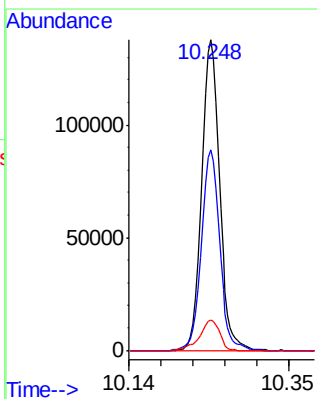
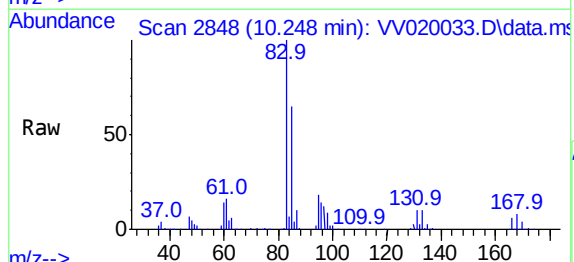
Ion	Ratio	Lower	Upper
105	100		
120	25.5	20.5	30.7
77	17.0	13.6	20.4

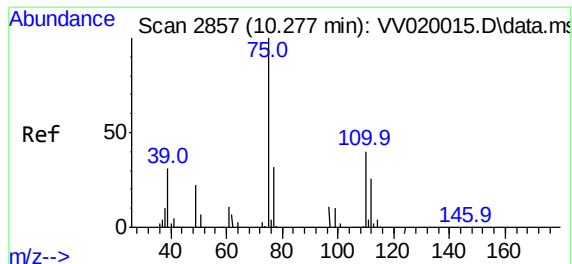


#58
1,1,2,2-Tetrachloroethane
Concen: 50.37 ug/L
RT: 10.248 min Scan# 2848
Delta R.T. 0.000 min
Lab File: VV020033.D
Acq: 15 Jan 2021 18:54

Tgt Ion: 83 Resp: 218660

Ion	Ratio	Lower	Upper
83	100		
85	64.5	44.3	82.3
131	9.8	7.3	10.9

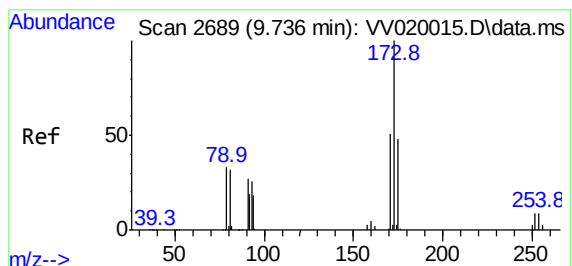
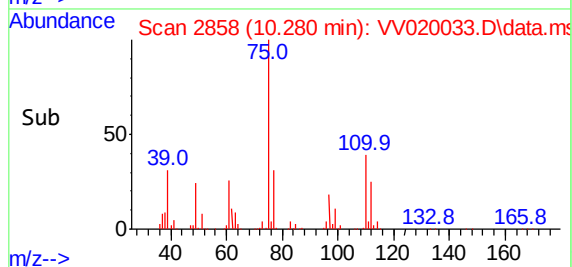
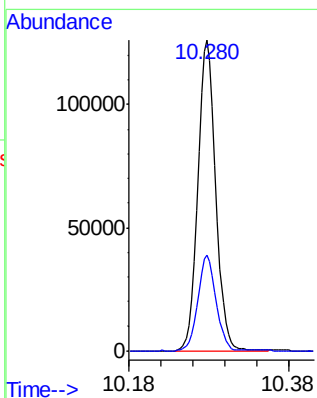
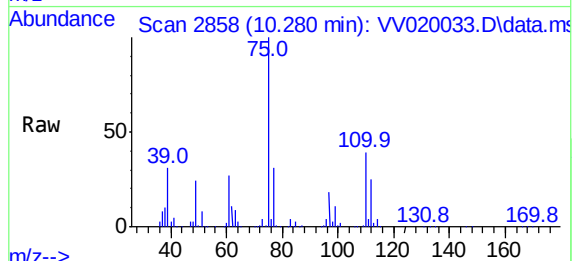




#59
1,2,3-Trichloropropane
Concen: 49.93 ug/L
RT: 10.280 min Scan# 2858
Delta R.T. 0.003 min
Lab File: VV020033.D
Acq: 15 Jan 2021 18:54

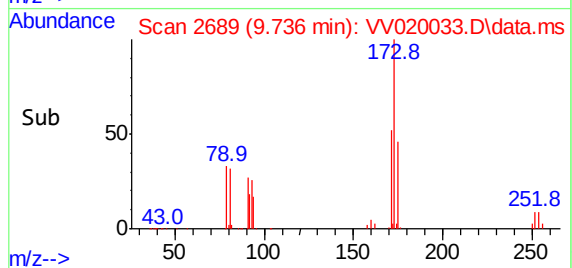
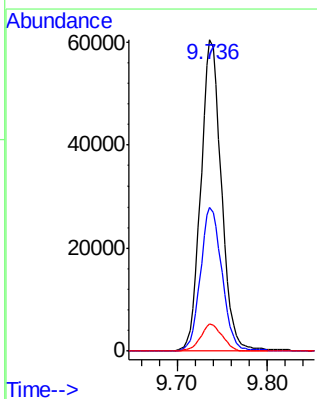
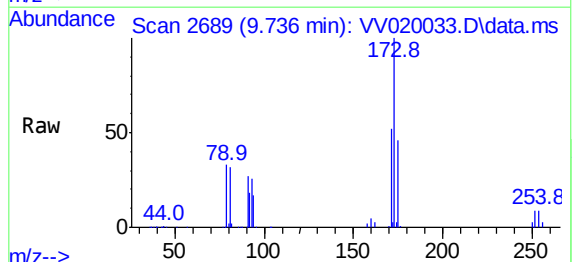
Instrument :
MSVOA_V
ClientSampled :
VSTD05069

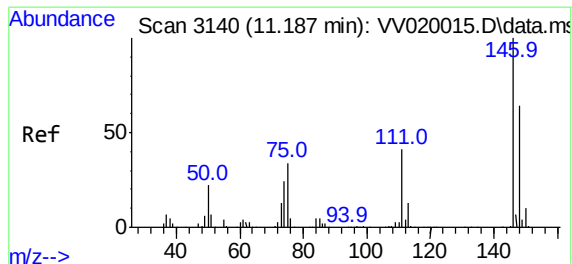
Tgt Ion: 75 Resp: 191552
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.0



#61
Bromoform
Concen: 46.39 ug/L
RT: 9.736 min Scan# 2689
Delta R.T. 0.000 min
Lab File: VV020033.D
Acq: 15 Jan 2021 18:54

Tgt Ion:173 Resp: 94546
Ion Ratio Lower Upper
173 100
175 48.1 38.6 57.8
254 8.7 6.5 9.7

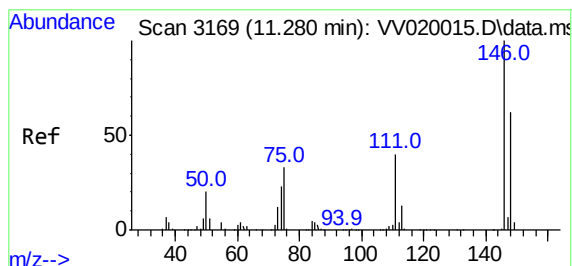
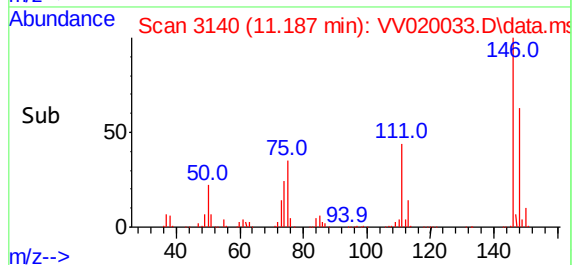
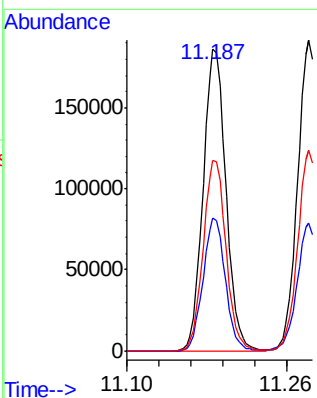
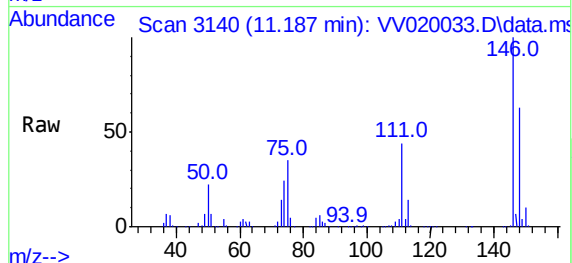




#62
1,3-Dichlorobenzene
Concen: 47.36 ug/L
RT: 11.187 min Scan# 3140
Delta R.T. 0.000 min
Lab File: VV020033.D
Acq: 15 Jan 2021 18:54

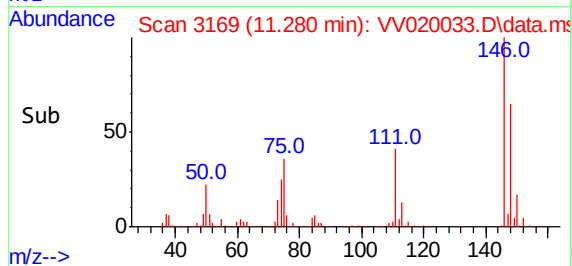
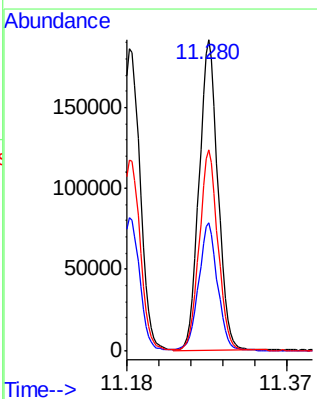
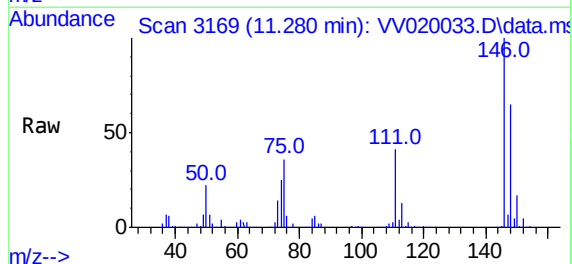
Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

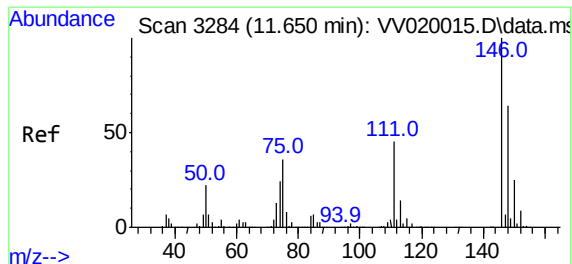
Tgt Ion:146 Resp: 284462
Ion Ratio Lower Upper
146 100
111 44.1 30.2 56.2
148 63.3 45.0 83.6



#63
1,4-Dichlorobenzene
Concen: 47.43 ug/L
RT: 11.280 min Scan# 3169
Delta R.T. 0.000 min
Lab File: VV020033.D
Acq: 15 Jan 2021 18:54

Tgt Ion:146 Resp: 292342
Ion Ratio Lower Upper
146 100
111 41.0 29.4 54.6
148 64.5 44.7 83.1

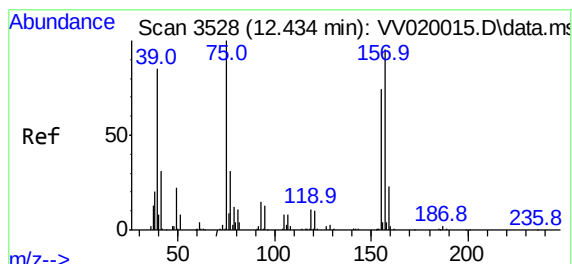
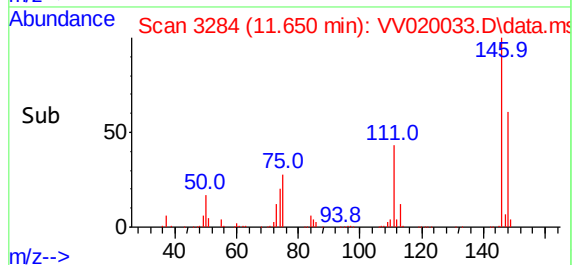
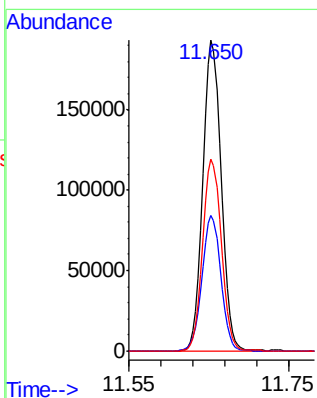
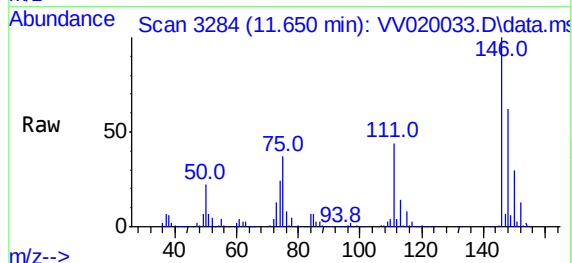




#65
1,2-Dichlorobenzene
Concen: 48.48 ug/L
RT: 11.650 min Scan# 3284
Delta R.T. 0.000 min
Lab File: VV020033.D
Acq: 15 Jan 2021 18:54

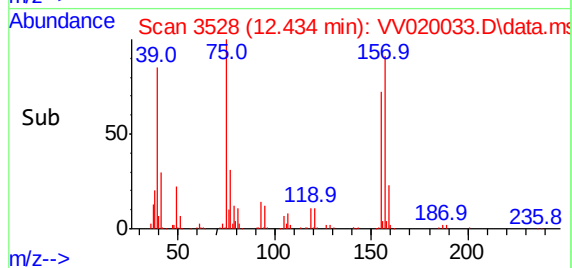
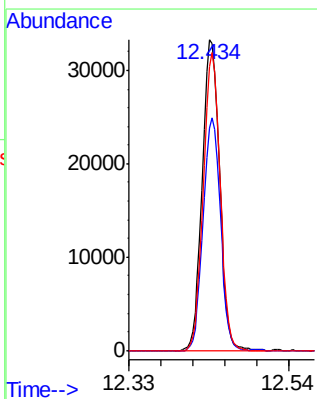
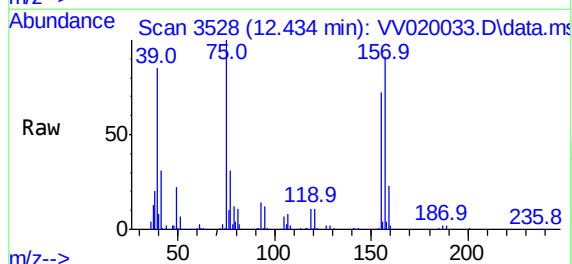
Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

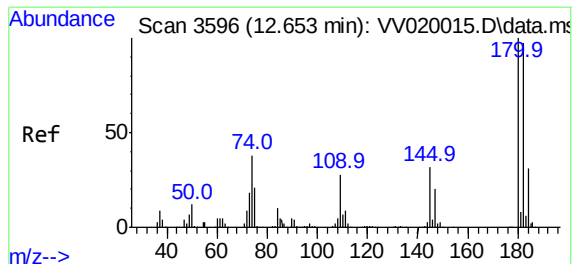
Tgt Ion:146 Resp: 293348
Ion Ratio Lower Upper
146 100
111 43.7 36.3 54.5
148 61.6 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 49.52 ug/L
RT: 12.434 min Scan# 3528
Delta R.T. 0.000 min
Lab File: VV020033.D
Acq: 15 Jan 2021 18:54

Tgt Ion: 75 Resp: 52123
Ion Ratio Lower Upper
75 100
155 71.7 59.1 88.7
157 91.5 75.4 113.0

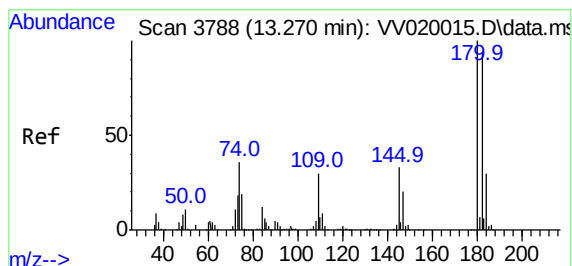
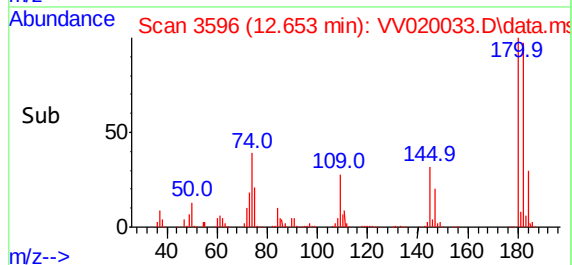
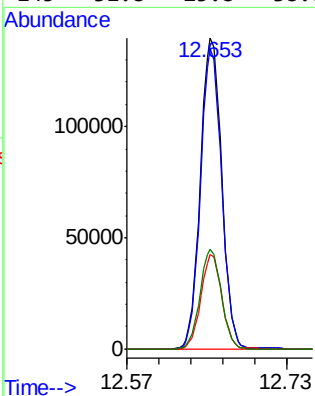
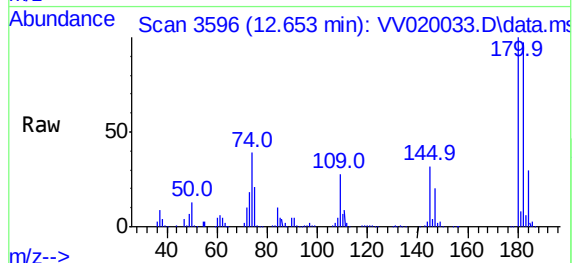




#67
1,3,5-Trichlorobenzene
Concen: 47.42 ug/L
RT: 12.653 min Scan# 3596
Delta R.T. 0.000 min
Lab File: VV020033.D
Acq: 15 Jan 2021 18:54

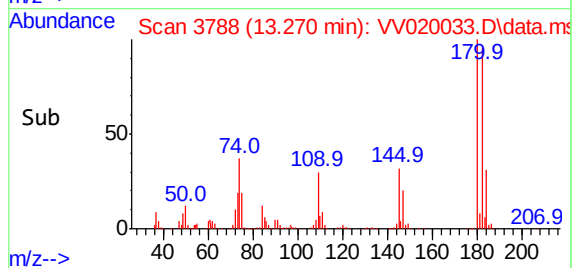
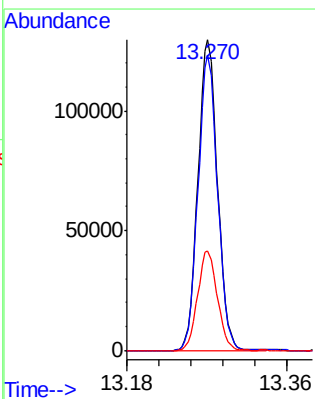
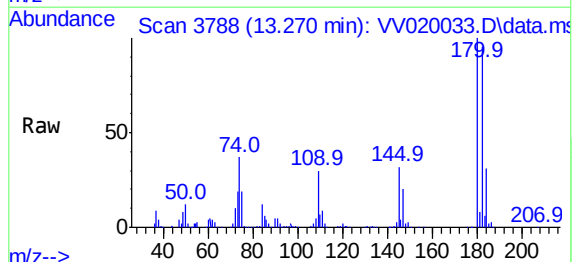
Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

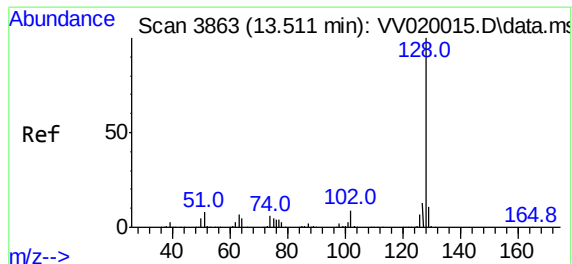
Tgt Ion:180 Resp: 213883
Ion Ratio Lower Upper
180 100
182 95.4 75.0 112.6
184 29.7 24.0 36.0
145 31.8 25.8 38.6



#68
1,2,4-trichlorobenzene
Concen: 48.54 ug/L
RT: 13.270 min Scan# 3788
Delta R.T. 0.000 min
Lab File: VV020033.D
Acq: 15 Jan 2021 18:54

Tgt Ion:180 Resp: 193580
Ion Ratio Lower Upper
180 100
182 95.0 75.1 112.7
145 32.3 26.8 40.2

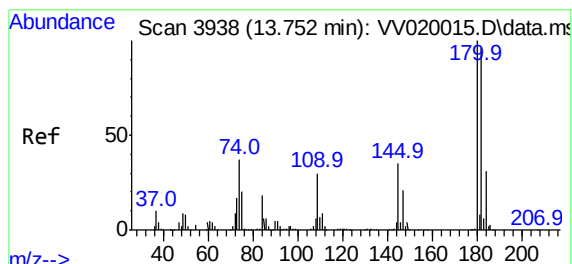
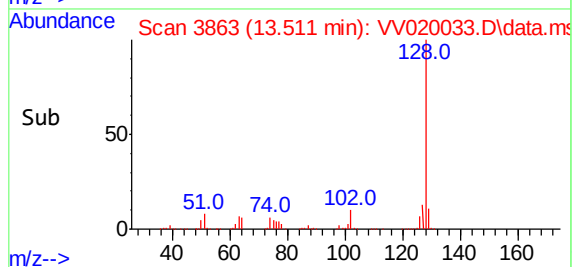
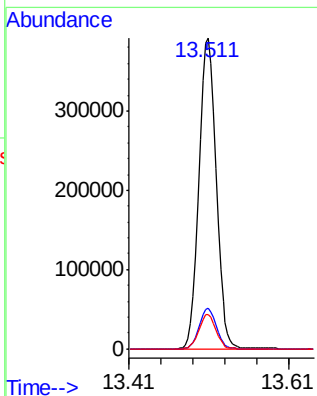
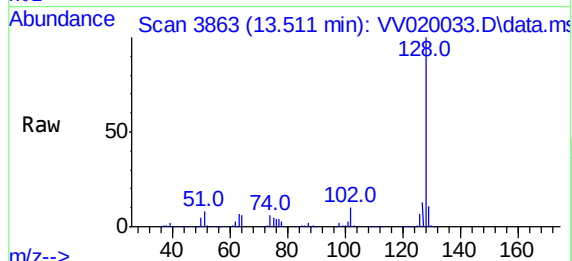




#69
Naphthalene
Concen: 51.66 ug/L
RT: 13.511 min Scan# 3863
Delta R.T. 0.000 min
Lab File: VV020033.D
Acq: 15 Jan 2021 18:54

Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

Tgt Ion:128 Resp: 595972
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.6 13.0



#70
1,2,3-Trichlorobenzene
Concen: 49.43 ug/L
RT: 13.752 min Scan# 3938
Delta R.T. 0.000 min
Lab File: VV020033.D
Acq: 15 Jan 2021 18:54

Tgt Ion:180 Resp: 191345
Ion Ratio Lower Upper
180 100
182 94.9 76.1 114.1
145 34.5 27.9 41.9

