

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011521\
 Data File : VW020015.D
 Acq On : 15 Jan 2021 10:03
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05068

Quant Time: Jan 16 04:36:16 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	5.618	114	382564	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.855	117	369291	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	204707	50.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.306	65	123495	38.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.54%
7) Chloroethane-d5	1.570	69	116956	45.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.82%
11) 1,1-Dichloroethene-d2	2.110	63	286462	45.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.14%
21) 2-Butanone-d5	3.885	46	191362	91.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.41%
24) Chloroform-d	4.351	84	265104	45.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.22%
26) 1,2-Dichloroethane-d4	5.036	65	178385	45.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.28%
32) Benzene-d6	5.052	84	459569	44.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.18%
36) 1,2-Dichloropropane-d6	6.071	67	145453	44.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.40%
41) Toluene-d8	7.318	98	413657	43.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.58%
43) trans-1,3-Dichloroprop...	7.624	79	74400	44.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.12%
47) 2-Hexanone-d5	8.090	63	121380	93.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.04%
57) 1,1,2,2-Tetrachloroeth...	10.222	84	206081	46.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.70%
64) 1,2-Dichlorobenzene-d4	11.630	152	178606	45.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.34%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.129	85	173346	46.89	ug/L 100
3) Chloromethane	1.242	50	168987	47.70	ug/L 100
5) Vinyl chloride	1.312	62	175353	48.91	ug/L 100
6) Bromomethane	1.525	94	110347	49.35	ug/L 99
8) Chloroethane	1.586	64	116879	52.96	ug/L 99
9) Trichlorofluoromethane	1.753	101	267535	53.11	ug/L 100
10) 1,1,2-Trichloro-1,2,2-...	2.116	101	152326	54.44	ug/L 96
12) 1,1-Dichloroethene	2.119	96	139715	51.78	ug/L 82
13) Acetone	2.177	43	231021	124.91	ug/L 97
14) Carbon disulfide	2.296	76	373193	46.56	ug/L 100
15) Methyl Acetate	2.431	43	146854	46.79	ug/L 98
16) Methylene chloride	2.508	84	141956	49.51	ug/L 97
17) trans-1,2-Dichloroethene	2.759	96	131986	48.81	ug/L 97
18) Methyl tert-butyl Ether	2.769	73	430347	48.87	ug/L 98
19) 1,1-Dichloroethane	3.190	63	256618	49.63	ug/L 98
20) cis-1,2-Dichloroethene	3.910	96	141814	49.11	ug/L 96
22) 2-Butanone	3.968	43	239205	107.34	ug/L 98
23) Bromochloromethane	4.248	128	73491	48.70	ug/L 92
25) Chloroform	4.376	83	270940	49.84	ug/L 99
27) 1,2-Dichloroethane	5.132	62	232013	51.08	ug/L 99

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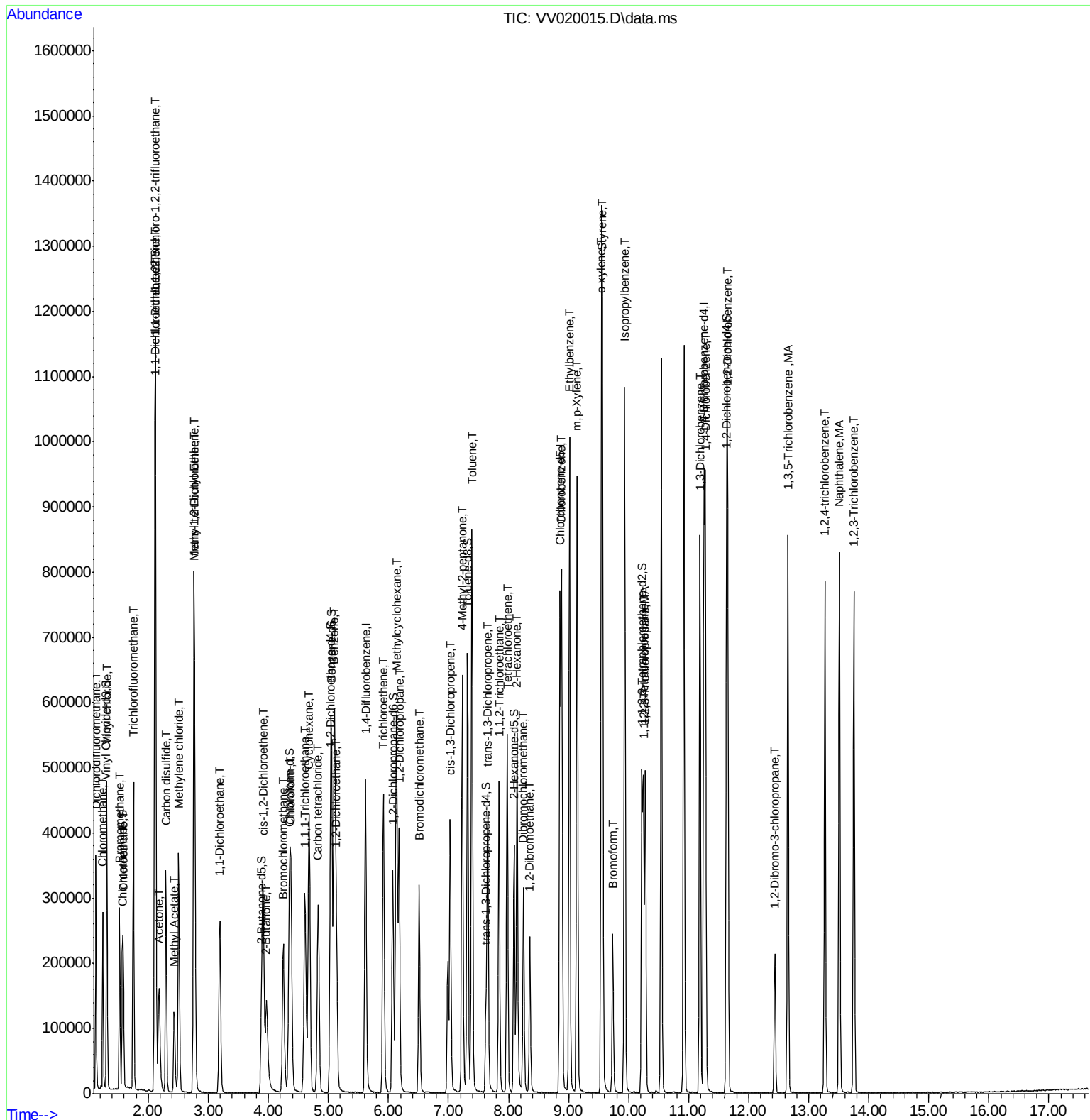
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.679	56	221566	50.74	ug/L	97
30) 1,1,1-Trichloroethane	4.608	97	242908	50.00	ug/L	99
31) Carbon tetrachloride	4.830	117	207021	49.98	ug/L	99
33) Benzene	5.100	78	547193	51.04	ug/L	100
34) Trichloroethene	5.917	95	155019	50.46	ug/L	99
35) Methylcyclohexane	6.132	83	225233	51.31	ug/L	98
37) 1,2-Dichloropropane	6.177	63	142838	51.37	ug/L	99
38) Bromodichloromethane	6.511	83	200971	50.03	ug/L	100
39) cis-1,3-Dichloropropene	7.029	75	227528	52.25	ug/L	99
40) 4-Methyl-2-pentanone	7.228	43	415251	97.19	ug/L	97
42) Toluene	7.389	91	580378	50.84	ug/L	100
44) trans-1,3-Dichloropropene	7.653	75	222226	50.31	ug/L	100
45) 1,1,2-Trichloroethane	7.843	97	133567	48.87	ug/L	97
46) Tetrachloroethene	7.978	164	107824	48.89	ug/L	99
48) 2-Hexanone	8.142	43	337247	100.34	ug/L	98
49) Dibromochloromethane	8.248	129	146741	48.62	ug/L	97
50) 1,2-Dibromoethane	8.354	107	146650	50.01	ug/L	97
51) Chlorobenzene	8.884	112	373188	49.35	ug/L	99
52) Ethylbenzene	9.016	91	663083	51.15	ug/L	100
53) m,p-Xylene	9.142	106	245062	51.75	ug/L	100
54) o-xylene	9.550	106	234874	50.38	ug/L	100
55) Styrene	9.563	104	416151	51.64	ug/L	98
56) Isopropylbenzene	9.936	105	652658	51.76	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.248	83	209243	48.90	ug/L	99
59) 1,2,3-Trichloropropane	10.277	75	180180	47.65	ug/L	99
61) Bromoform	9.736	173	98107	47.07	ug/L	98
62) 1,3-Dichlorobenzene	11.187	146	307423	50.05	ug/L	98
63) 1,4-Dichlorobenzene	11.280	146	311839	49.47	ug/L	97
65) 1,2-Dichlorobenzene	11.650	146	306106	49.46	ug/L	100
66) 1,2-Dibromo-3-chloropr...	12.434	75	49307	45.81	ug/L	100
67) 1,3,5-Trichlorobenzene	12.653	180	232037	50.30	ug/L	99
68) 1,2,4-trichlorobenzene	13.270	180	210531	51.62	ug/L	99
69) Naphthalene	13.511	128	592567	50.23	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	200388	50.62	ug/L	99

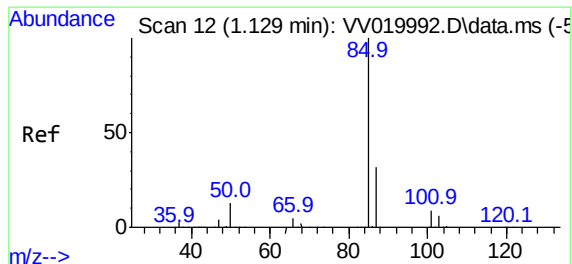
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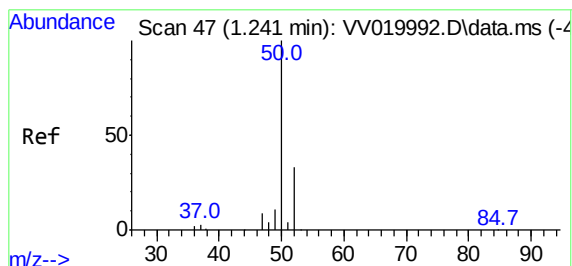
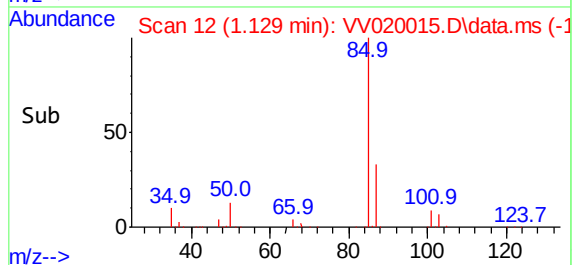
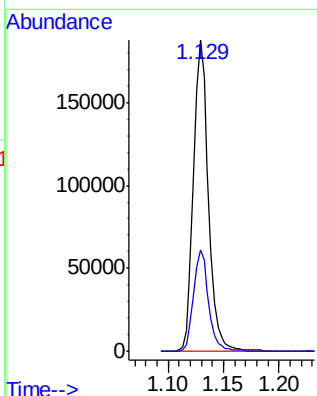
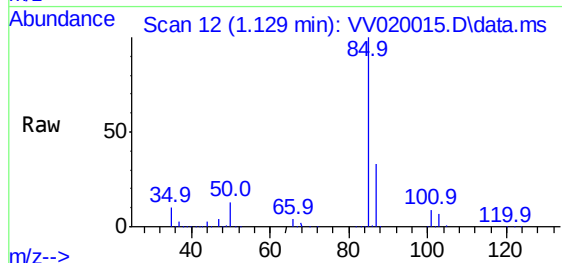




#2
Dichlorodifluoromethane
Concen: 46.89 ug/L
RT: 1.129 min Scan# 12
Delta R.T. 0.003 min
Lab File: VV020015.D
Acq: 15 Jan 2021 10:03

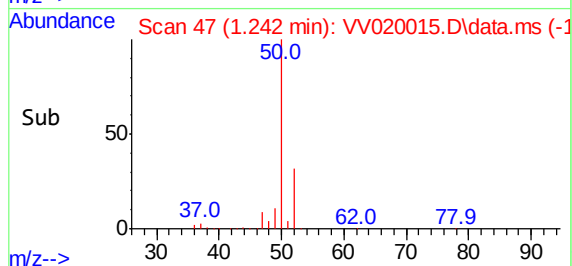
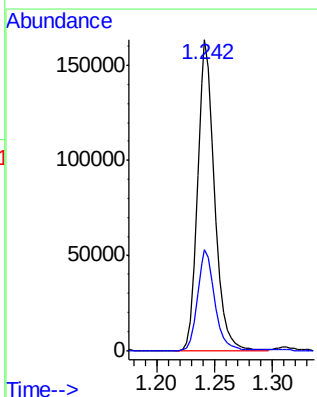
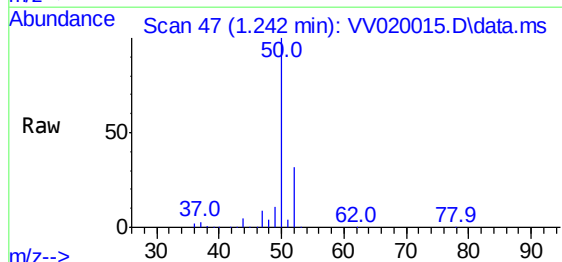
Instrument :
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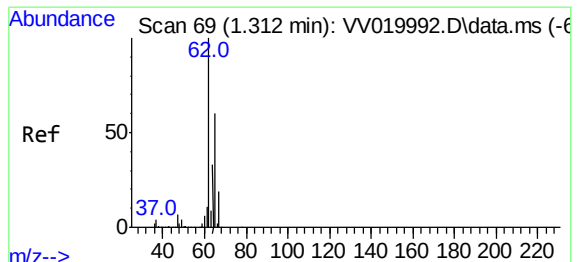
Tgt Ion: 85 Resp: 173346
Ion Ratio Lower Upper
85 100
87 32.5 25.9 38.9



#3
Chloromethane
Concen: 47.70 ug/L
RT: 1.242 min Scan# 47
Delta R.T. 0.003 min
Lab File: VV020015.D
Acq: 15 Jan 2021 10:03

Tgt Ion: 50 Resp: 168987
Ion Ratio Lower Upper
50 100
52 32.4 22.7 42.1

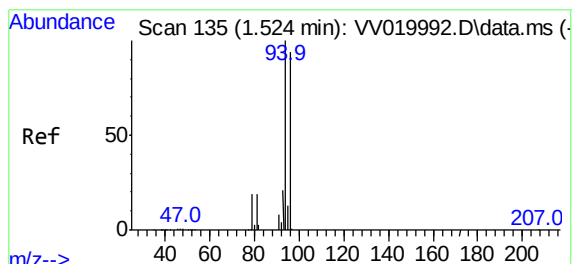
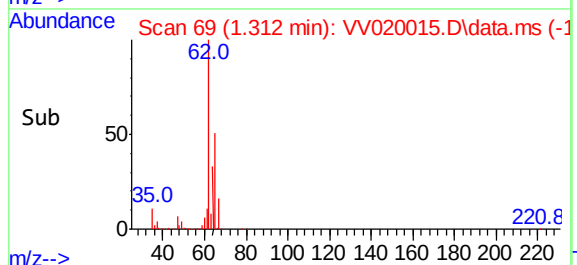
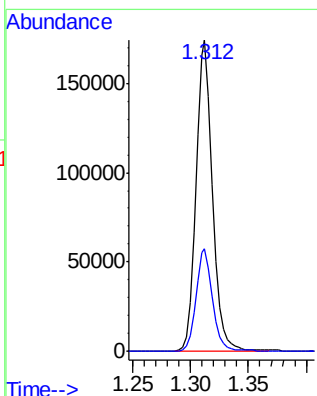
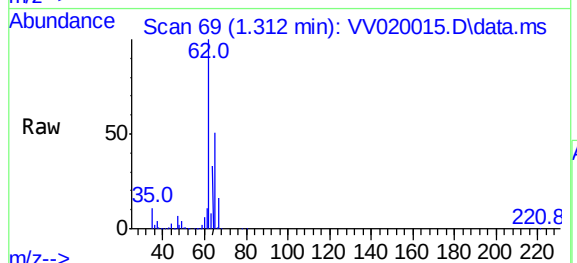




#5
 Vinyl chloride
 Concen: 48.91 ug/L
 RT: 1.312 min Scan# 69
 Delta R.T. 0.003 min
 Lab File: VV020015.D
 Acq: 15 Jan 2021 10:03

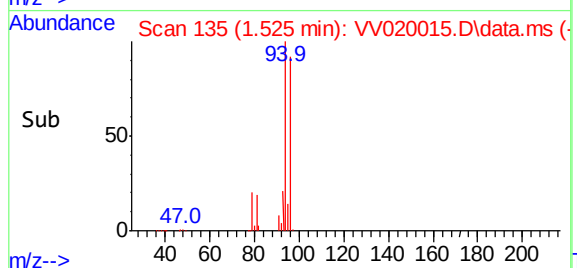
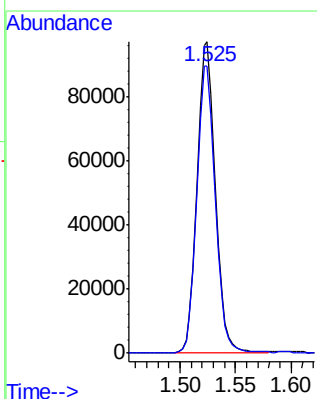
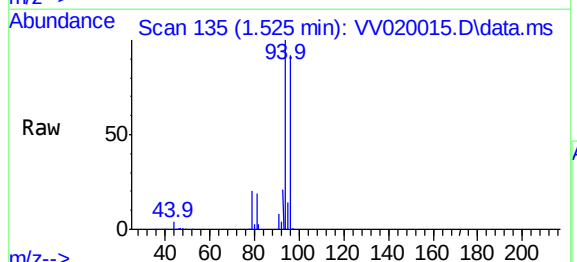
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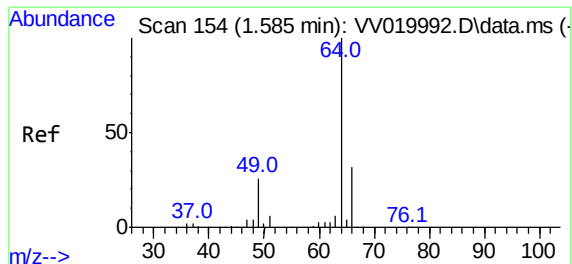
Tgt Ion: 62 Resp: 175353
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.0 42.6



#6
 Bromomethane
 Concen: 49.35 ug/L
 RT: 1.525 min Scan# 135
 Delta R.T. 0.003 min
 Lab File: VV020015.D
 Acq: 15 Jan 2021 10:03

Tgt Ion: 94 Resp: 110347
 Ion Ratio Lower Upper
 94 100
 96 92.1 63.6 118.2

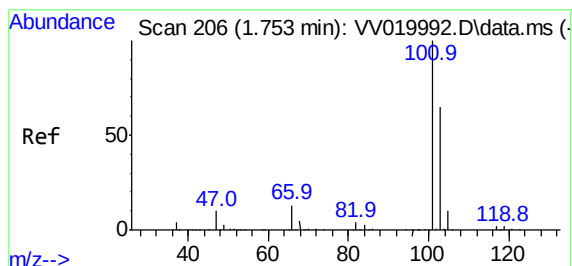
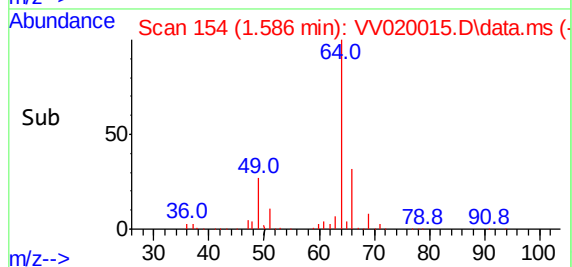
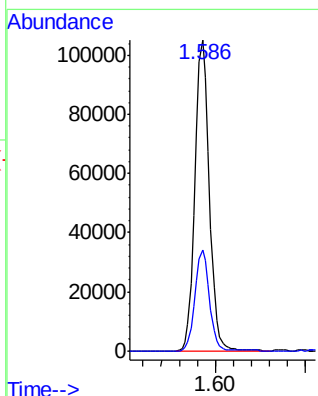
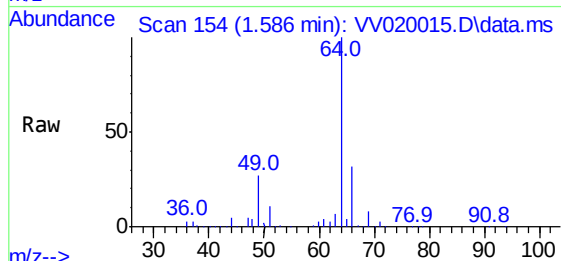




#8
Chloroethane
Concen: 52.96 ug/L
RT: 1.586 min Scan# 154
Delta R.T. 0.003 min
Lab File: VV020015.D
Acq: 15 Jan 2021 10:03

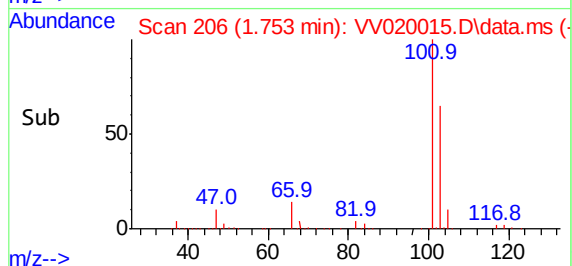
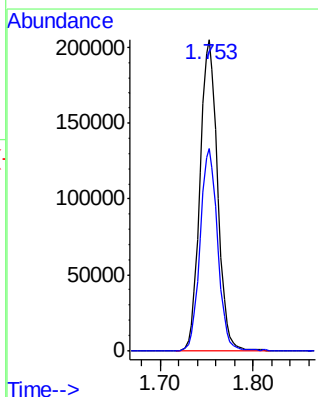
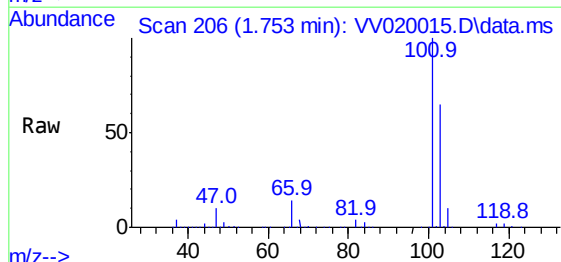
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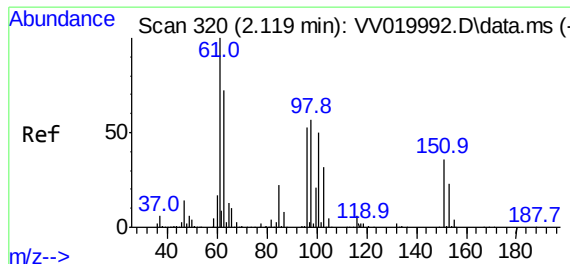
Tgt Ion: 64 Resp: 116879
Ion Ratio Lower Upper
64 100
66 32.3 22.4 41.6



#9
Trichlorofluoromethane
Concen: 53.11 ug/L
RT: 1.753 min Scan# 206
Delta R.T. 0.003 min
Lab File: VV020015.D
Acq: 15 Jan 2021 10:03

Tgt Ion:101 Resp: 267535
Ion Ratio Lower Upper
101 100
103 64.5 51.7 77.5

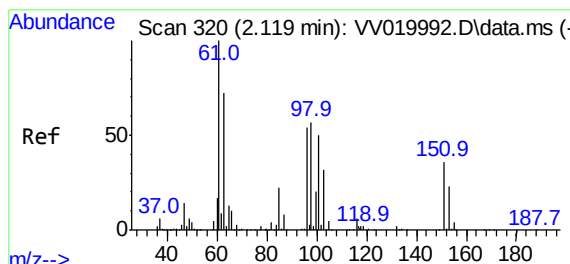
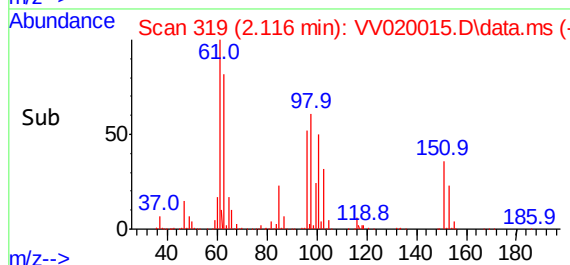
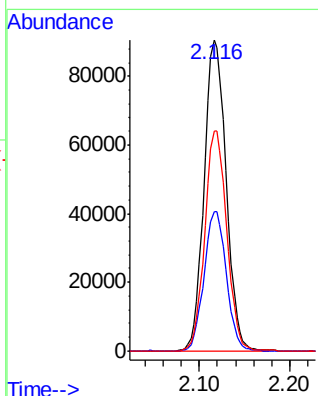
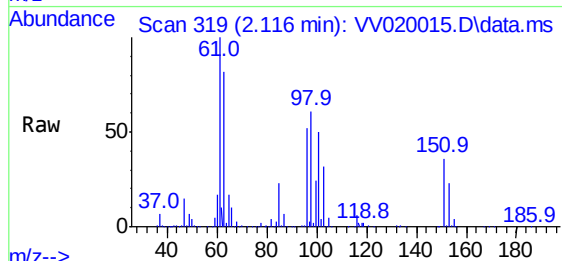




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 54.44 ug/L
 RT: 2.116 min Scan# 319
 Delta R.T. -0.000 min
 Lab File: VV020015.D
 Acq: 15 Jan 2021 10:03

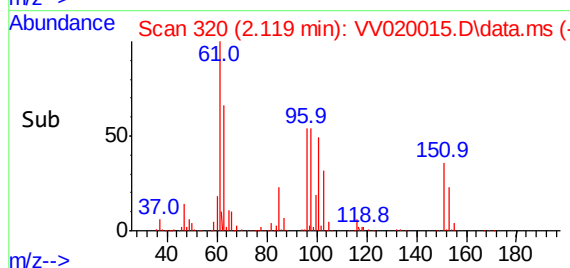
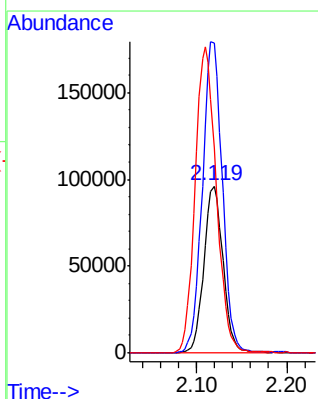
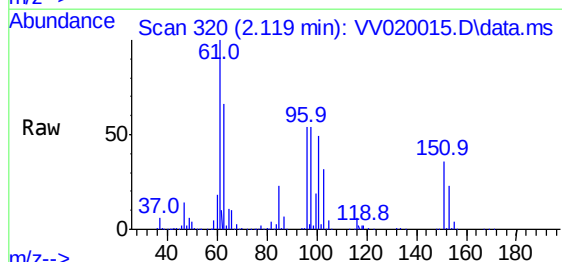
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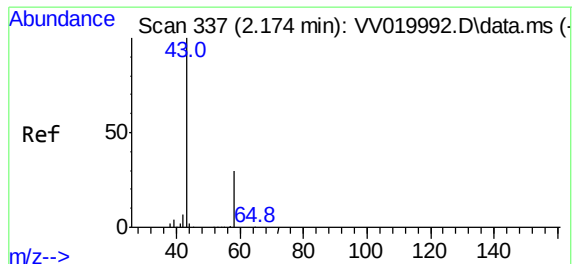
Tgt Ion:101 Resp: 152326
 Ion Ratio Lower Upper
 101 100
 85 45.4 35.3 52.9
 151 70.8 53.6 80.4



#12
 1,1-Dichloroethene
 Concen: 51.78 ug/L
 RT: 2.119 min Scan# 320
 Delta R.T. 0.003 min
 Lab File: VV020015.D
 Acq: 15 Jan 2021 10:03

Tgt Ion: 96 Resp: 139715
 Ion Ratio Lower Upper
 96 100
 61 186.0 134.9 250.5
 63 123.1 117.6 218.4

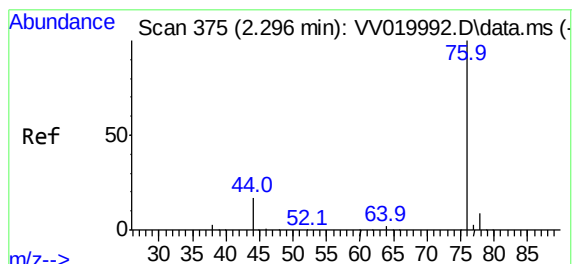
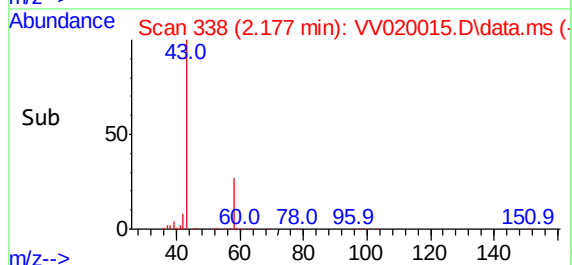
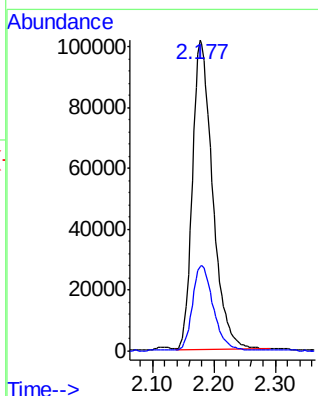
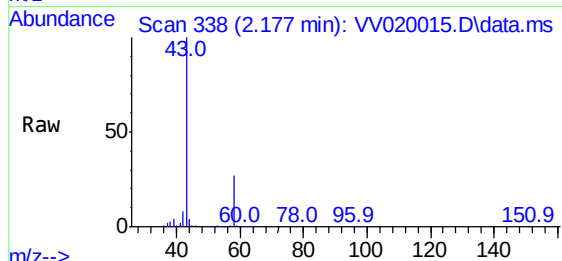




#13
Acetone
Concen: 124.91 ug/L
RT: 2.177 min Scan# 338
Delta R.T. -0.000 min
Lab File: VV020015.D
Acq: 15 Jan 2021 10:03

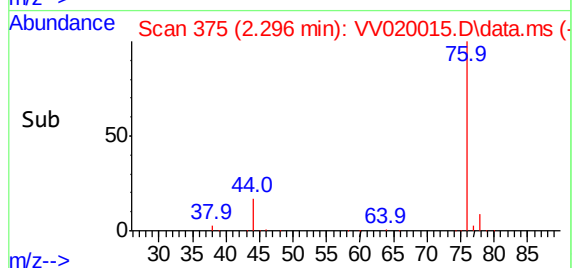
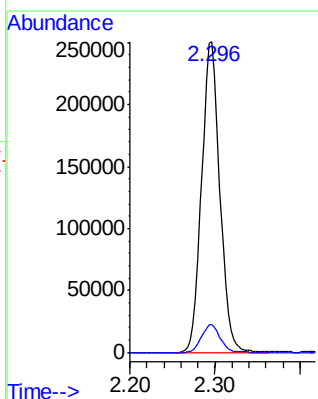
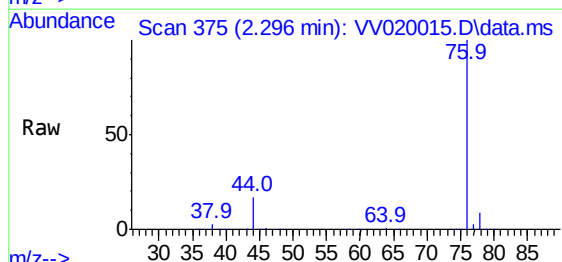
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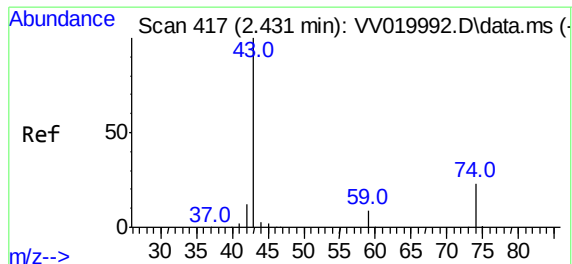
Tgt Ion: 43 Resp: 231021
Ion Ratio Lower Upper
43 100
58 28.4 0.0 60.2



#14
Carbon disulfide
Concen: 46.56 ug/L
RT: 2.296 min Scan# 375
Delta R.T. 0.003 min
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Tgt Ion: 76 Resp: 373193
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

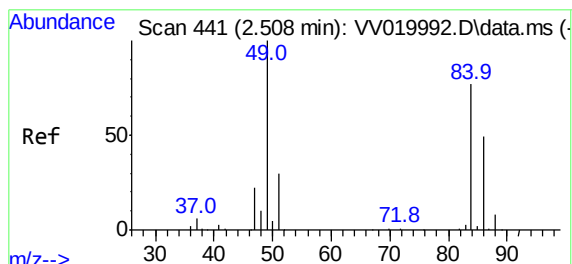
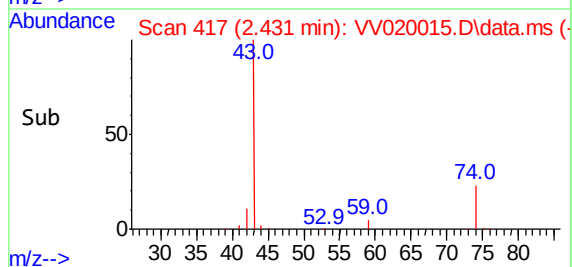
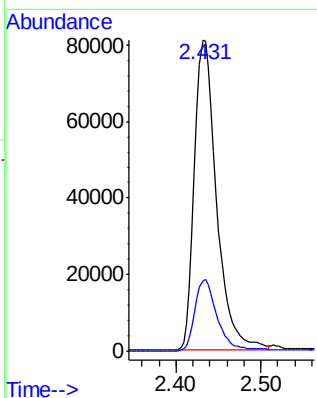
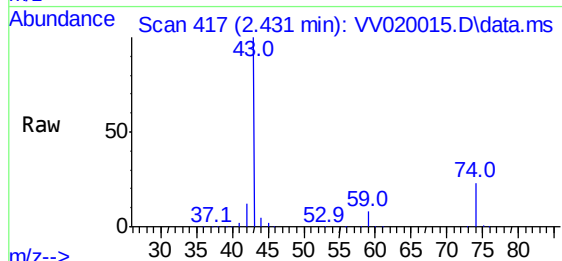




#15
Methyl Acetate
Concen: 46.79 ug/L
RT: 2.431 min Scan# 417
Delta R.T. -0.000 min
Lab File: VV020015.D
Acq: 15 Jan 2021 10:03

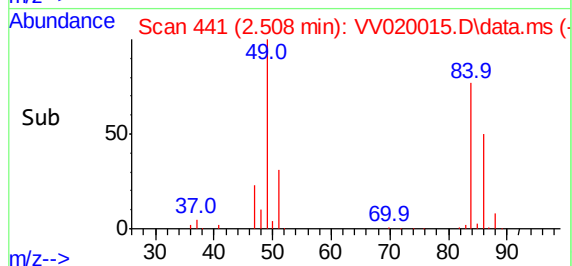
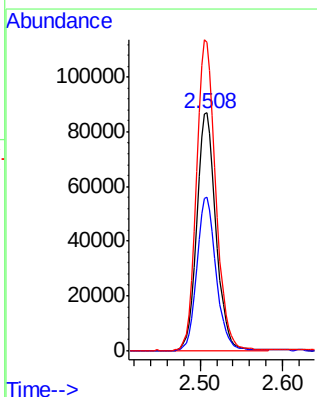
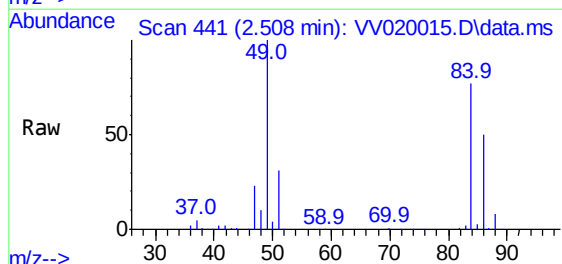
Instrument :
MSVOA_V
ClientSampleId :
VSTD05068

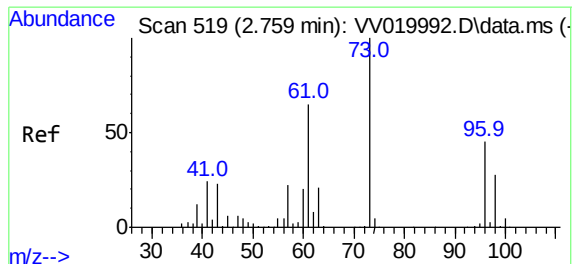
Tgt Ion: 43 Resp: 146854
Ion Ratio Lower Upper
43 100
74 22.8 17.6 26.4



#16
Methylene chloride
Concen: 49.51 ug/L
RT: 2.508 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV020015.D
Acq: 15 Jan 2021 10:03

Tgt Ion: 84 Resp: 141956
Ion Ratio Lower Upper
84 100
86 64.7 44.6 82.8
49 129.9 94.6 175.8

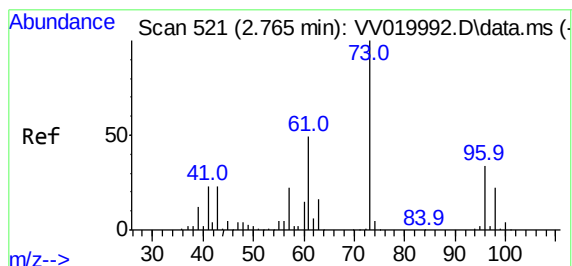
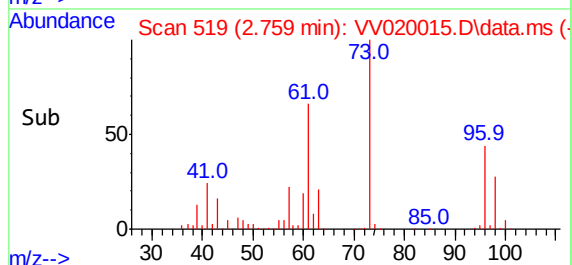
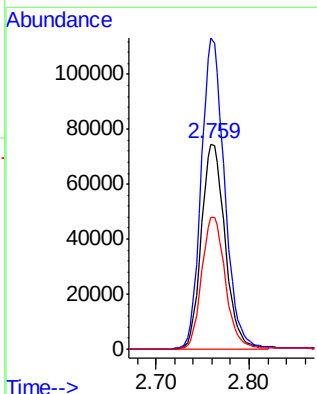
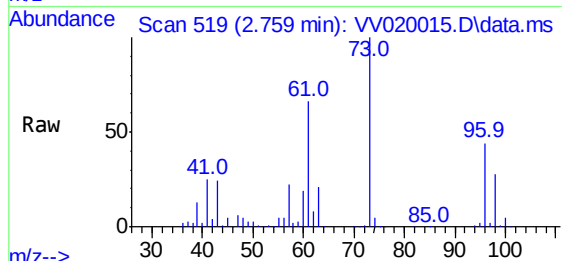




#17
trans-1,2-Dichloroethene
Concen: 48.81 ug/L
RT: 2.759 min Scan# 519
Delta R.T. -0.000 min
Lab File: VV020015.D
Acq: 15 Jan 2021 10:03

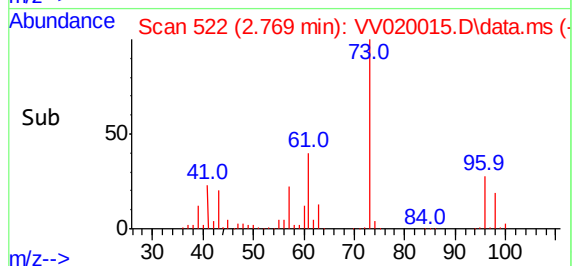
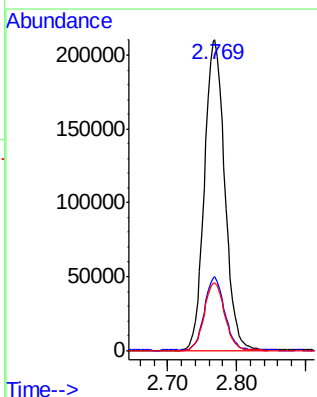
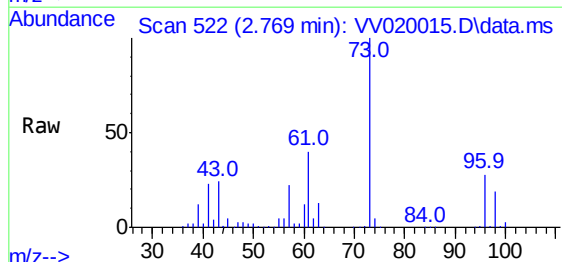
Instrument :
MSVOA_V
ClientSampleId :
VSTD05068

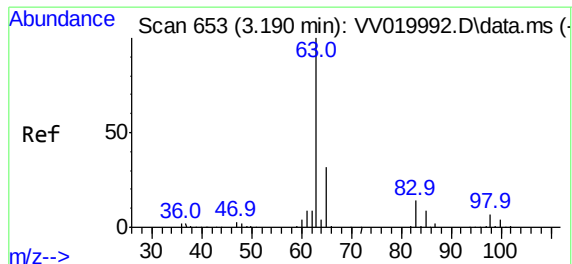
Tgt Ion: 96 Resp: 131986
Ion Ratio Lower Upper
96 100
61 151.6 103.1 191.5
98 64.2 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 48.87 ug/L
RT: 2.769 min Scan# 522
Delta R.T. 0.003 min
Lab File: VV020015.D
Acq: 15 Jan 2021 10:03

Tgt Ion: 73 Resp: 430347
Ion Ratio Lower Upper
73 100
43 23.4 17.3 25.9
57 22.0 17.9 26.9

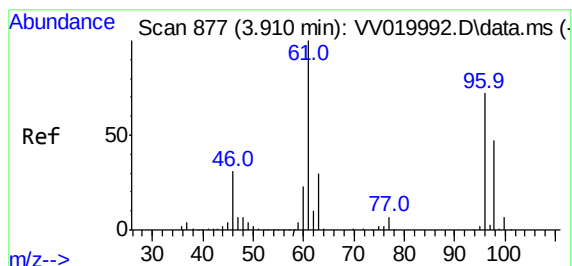
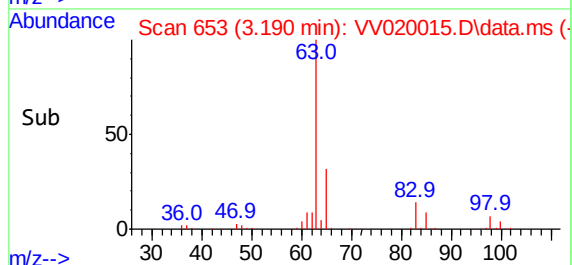
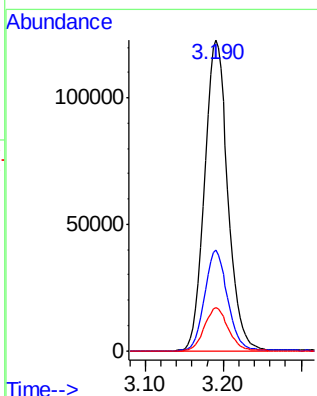
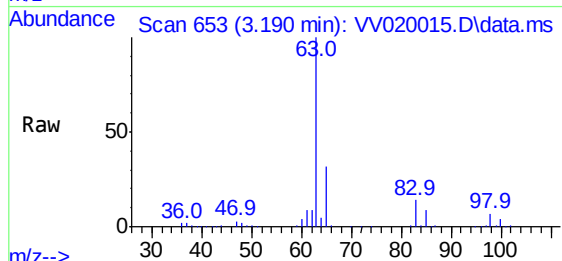




#19
1,1-Dichloroethane
Concen: 49.63 ug/L
RT: 3.190 min Scan# 653
Delta R.T. 0.003 min
Lab File: VV020015.D
Acq: 15 Jan 2021 10:03

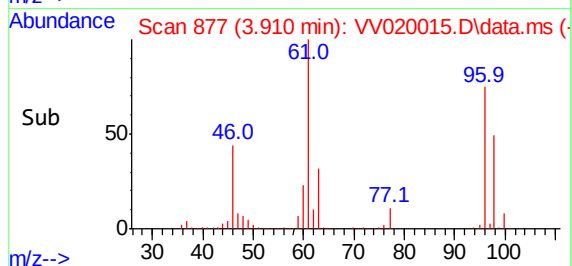
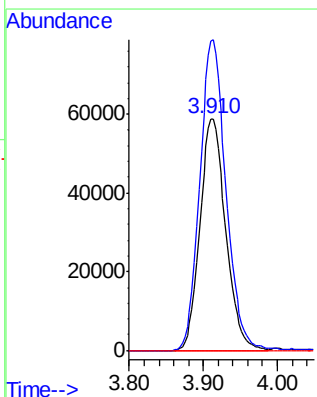
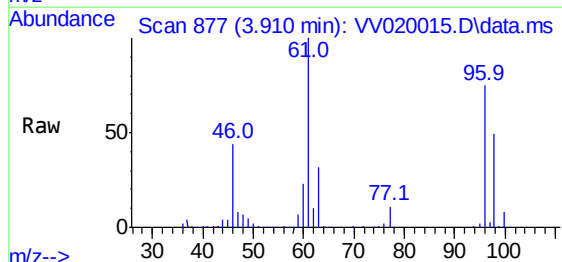
Instrument :
MSVOA_V
ClientSampleId :
VSTD05068

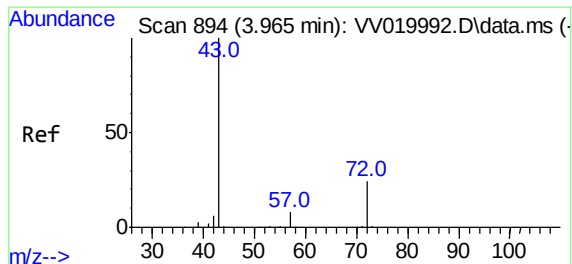
Tgt Ion: 63 Resp: 256618
Ion Ratio Lower Upper
63 100
65 32.3 21.9 40.7
83 13.9 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 49.11 ug/L
RT: 3.910 min Scan# 877
Delta R.T. -0.000 min
Lab File: VV020015.D
Acq: 15 Jan 2021 10:03

Tgt Ion: 96 Resp: 141814
Ion Ratio Lower Upper
96 100
61 133.6 96.9 179.9
68 0.0 0.0 0.0

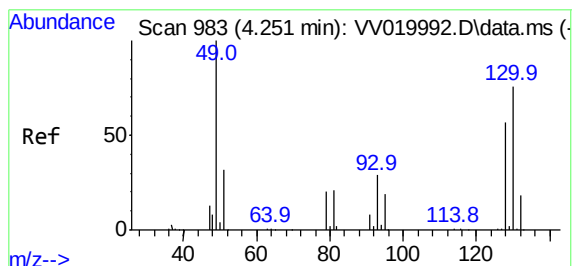
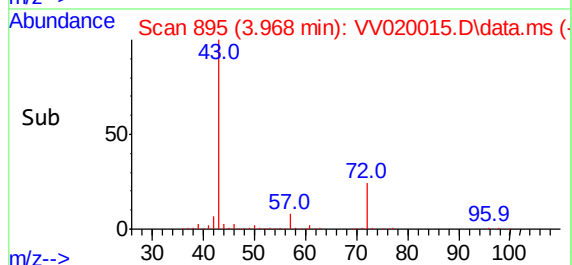
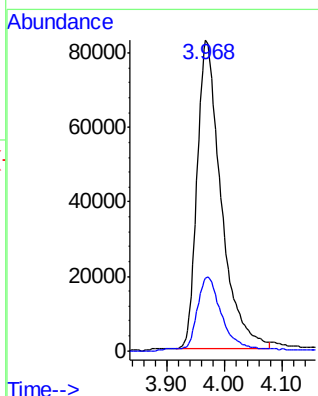
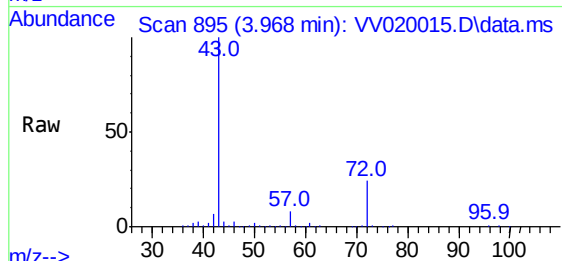




#22
2-Butanone
Concen: 107.34 ug/L
RT: 3.968 min Scan# 895
Delta R.T. -0.000 min
Lab File: VV020015.D
Acq: 15 Jan 2021 10:03

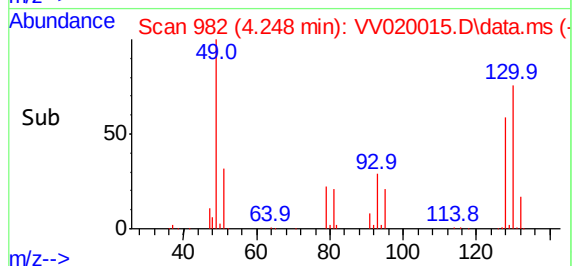
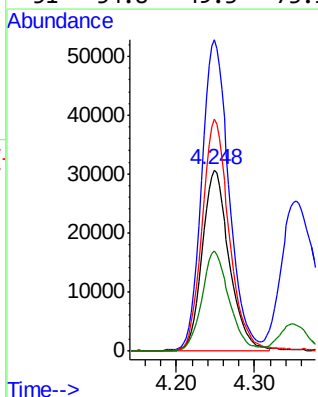
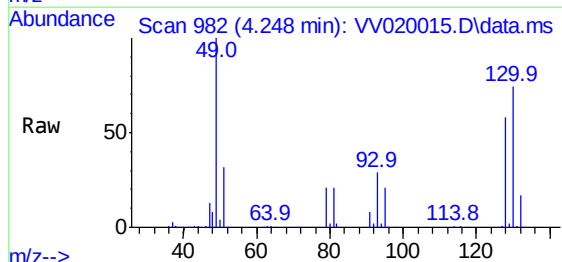
Instrument :
MSVOA_V
ClientSampleId :
VSTD05068

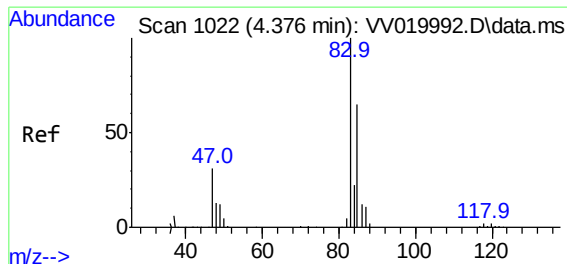
Tgt Ion: 43 Resp: 239205
Ion Ratio Lower Upper
43 100
72 23.2 12.2 36.6



#23
Bromochloromethane
Concen: 48.70 ug/L
RT: 4.248 min Scan# 982
Delta R.T. -0.000 min
Lab File: VV020015.D
Acq: 15 Jan 2021 10:03

Tgt Ion: 128 Resp: 73491
Ion Ratio Lower Upper
128 100
49 171.9 133.1 247.1
130 128.0 89.0 165.4
51 54.8 49.3 73.9

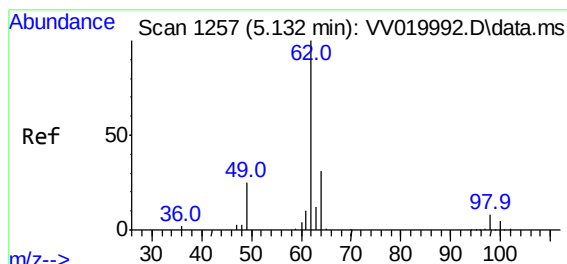
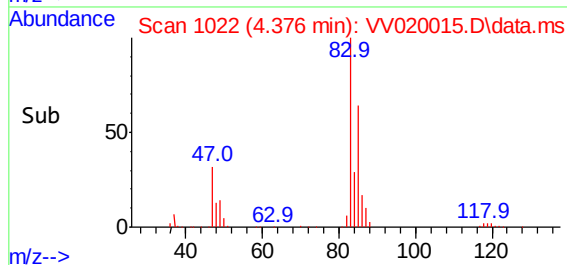
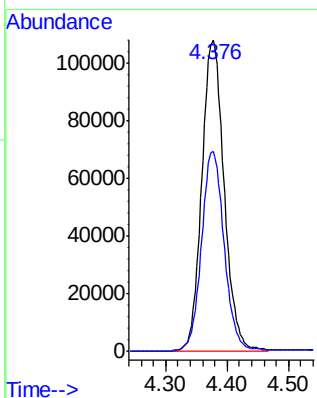
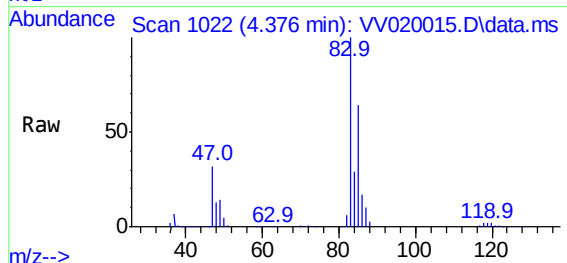




#25
Chloroform
Concen: 49.84 ug/L
RT: 4.376 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VV020015.D
Acq: 15 Jan 2021 10:03

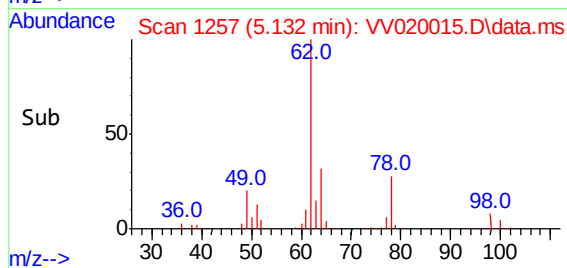
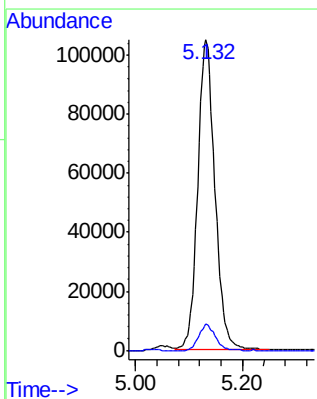
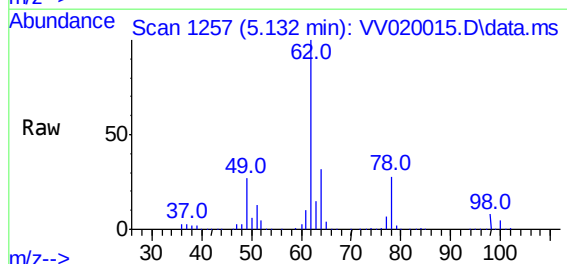
Instrument :
MSVOA_V
ClientSampleId :
VSTD05068

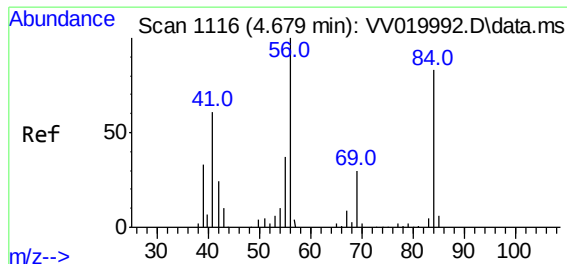
Tgt Ion: 83 Resp: 270940
Ion Ratio Lower Upper
83 100
85 64.4 44.2 82.2



#27
1,2-Dichloroethane
Concen: 51.08 ug/L
RT: 5.132 min Scan# 1257
Delta R.T. 0.003 min
Lab File: VV020015.D
Acq: 15 Jan 2021 10:03

Tgt Ion: 62 Resp: 232013
Ion Ratio Lower Upper
62 100
98 8.3 6.9 10.3



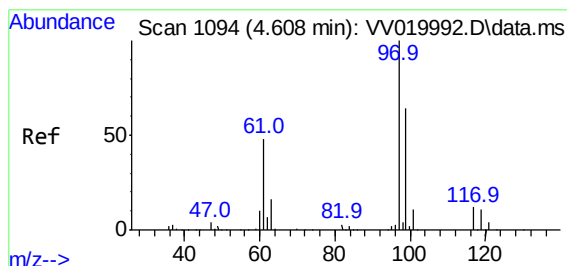
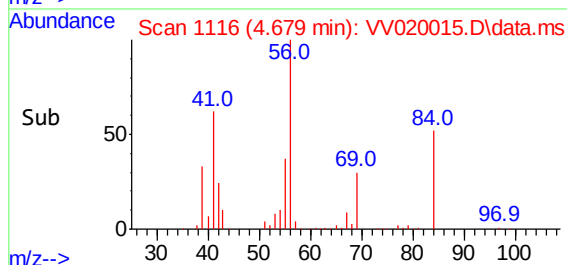
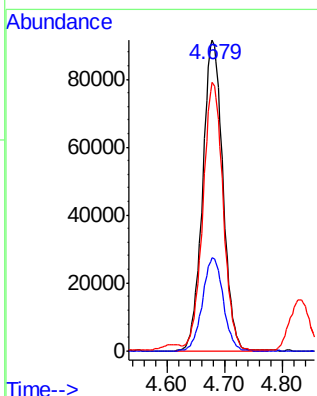
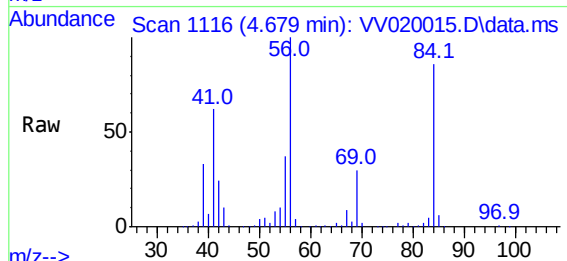


#29
Cyclohexane
Concen: 50.74 ug/L
RT: 4.679 min Scan# 1116
Delta R.T. 0.003 min
Lab File: VV020015.D
Acq: 15 Jan 2021 10:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD05068

Tgt Ion: 56 Resp: 221566

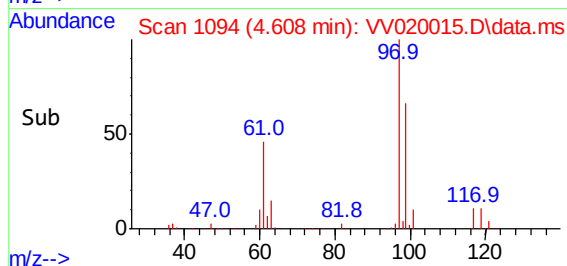
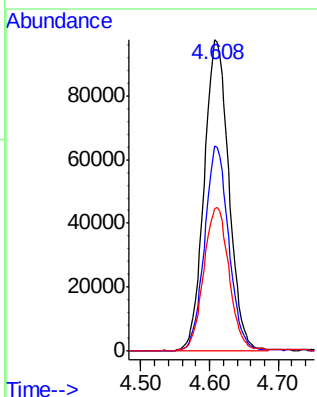
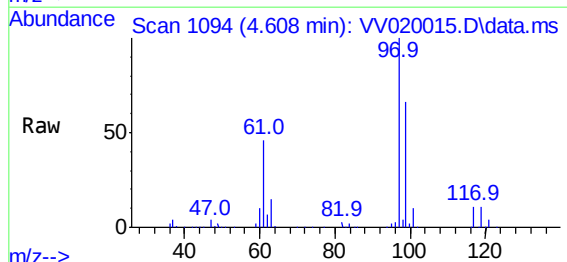
Ion	Ratio	Lower	Upper
56	100		
69	30.5	24.2	36.2
84	86.4	66.3	99.5

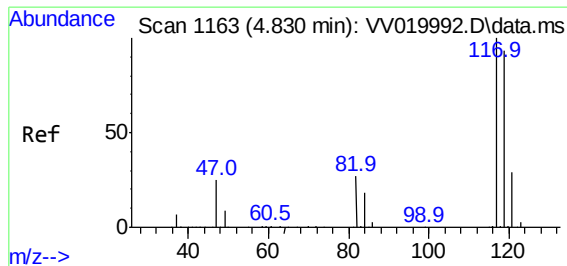


#30
1,1,1-Trichloroethane
Concen: 50.00 ug/L
RT: 4.608 min Scan# 1094
Delta R.T. -0.000 min
Lab File: VV020015.D
Acq: 15 Jan 2021 10:03

Tgt Ion: 97 Resp: 242908

Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.2	76.8
61	47.2	38.5	57.7

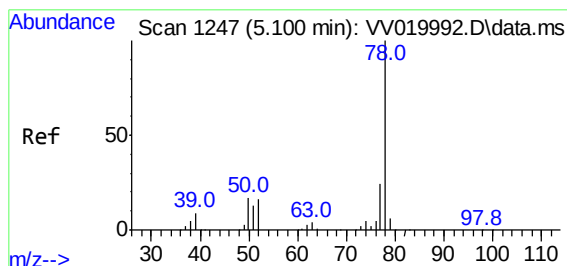
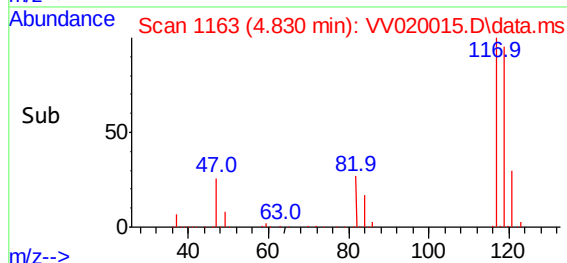
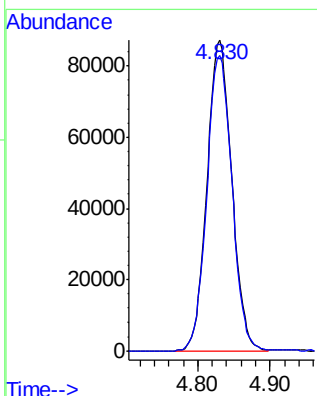
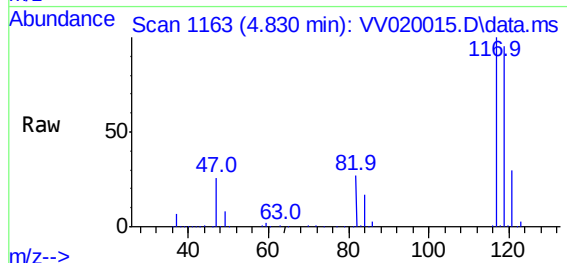




#31
Carbon tetrachloride
Concen: 49.98 ug/L
RT: 4.830 min Scan# 1163
Delta R.T. -0.000 min
Lab File: VV020015.D
Acq: 15 Jan 2021 10:03

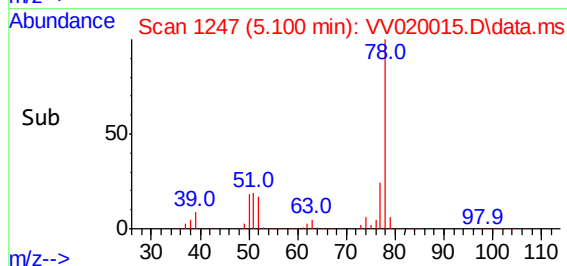
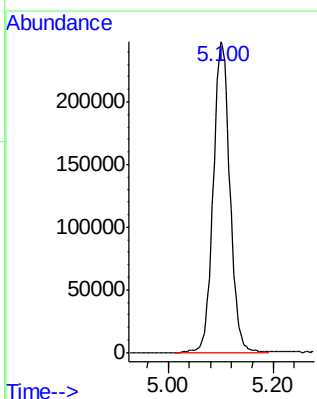
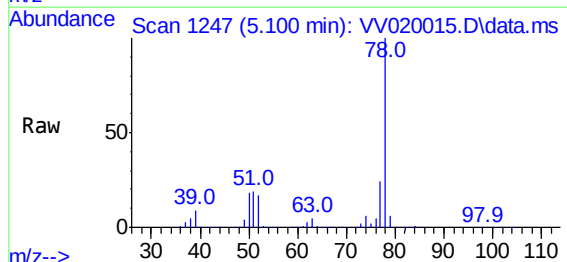
Instrument :
MSVOA_V
ClientSampleId :
VSTD05068

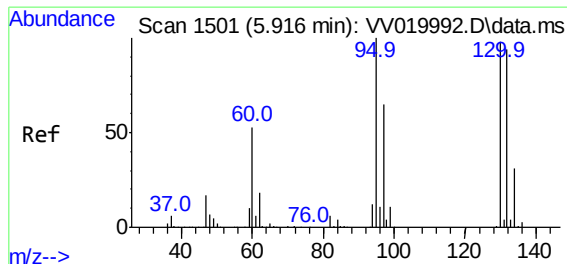
Tgt Ion:117 Resp: 207021
Ion Ratio Lower Upper
117 100
119 96.8 76.3 114.5



#33
Benzene
Concen: 51.04 ug/L
RT: 5.100 min Scan# 1247
Delta R.T. -0.000 min
Lab File: VV020015.D
Acq: 15 Jan 2021 10:03

Tgt Ion: 78 Resp: 547193

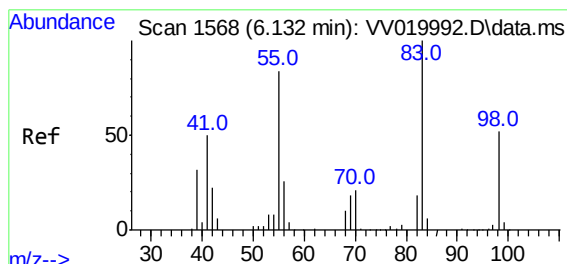
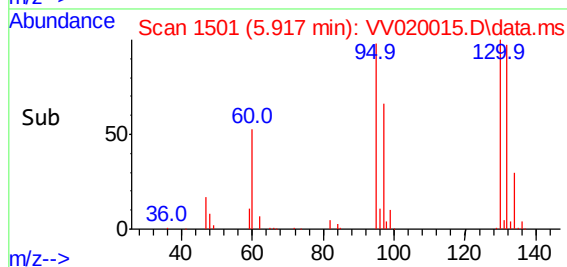
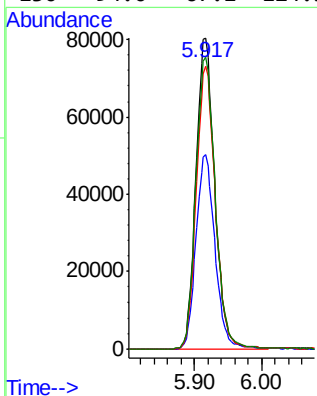
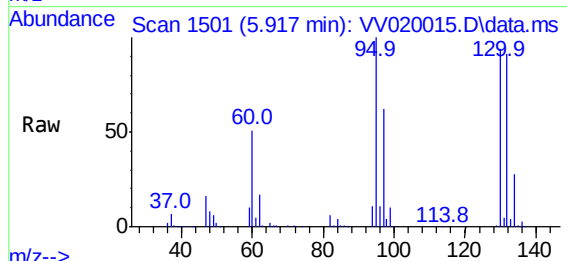




#34
Trichloroethene
Concen: 50.46 ug/L
RT: 5.917 min Scan# 1501
Delta R.T. -0.000 min
Lab File: VV020015.D
Acq: 15 Jan 2021 10:03

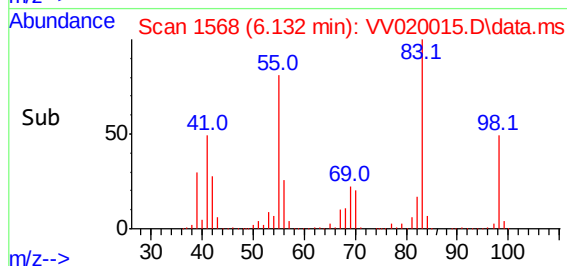
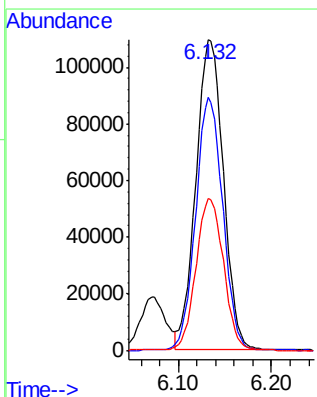
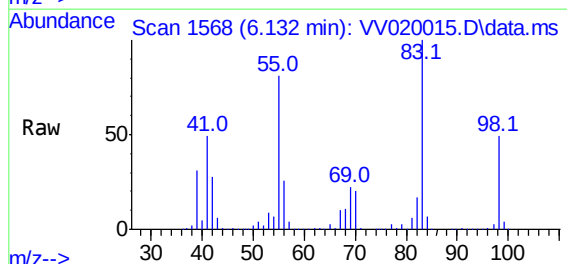
Instrument :
MSVOA_V
ClientSampleId :
VSTD05068

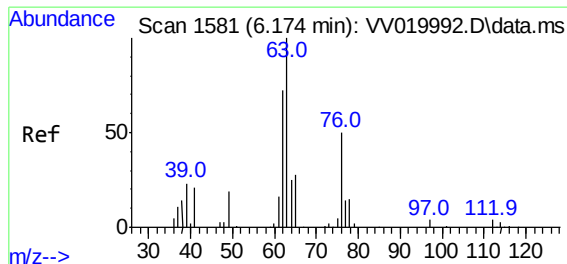
Tgt Ion: 95 Resp: 155019
Ion Ratio Lower Upper
95 100
97 62.4 44.5 82.7
132 90.9 63.4 117.8
130 94.0 67.1 124.5



#35
Methylcyclohexane
Concen: 51.31 ug/L
RT: 6.132 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VV020015.D
Acq: 15 Jan 2021 10:03

Tgt Ion: 83 Resp: 225233
Ion Ratio Lower Upper
83 100
55 80.1 65.1 97.7
98 49.2 38.2 57.2

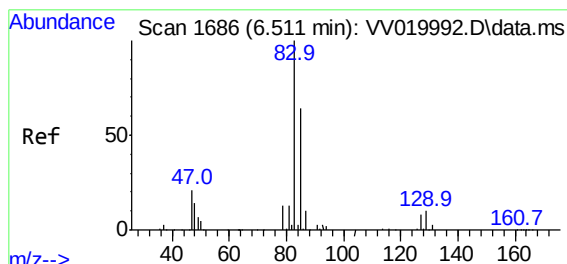
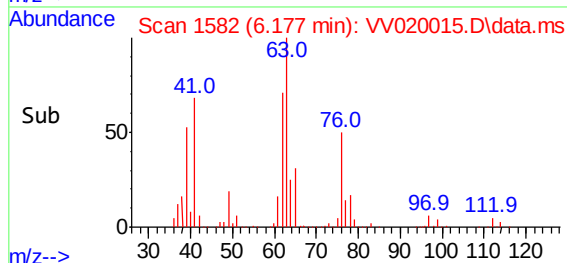
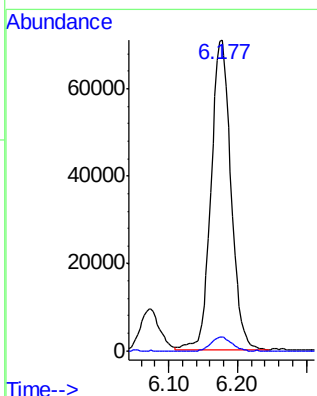
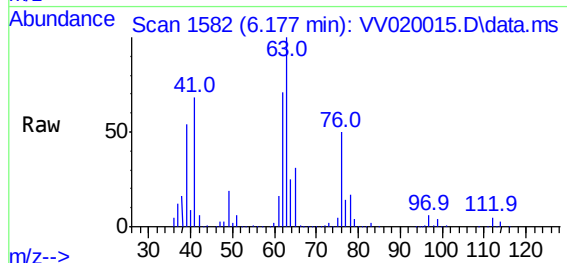




#37
1,2-Dichloropropane
Concen: 51.37 ug/L
RT: 6.177 min Scan# 1582
Delta R.T. 0.003 min
Lab File: VV020015.D
Acq: 15 Jan 2021 10:03

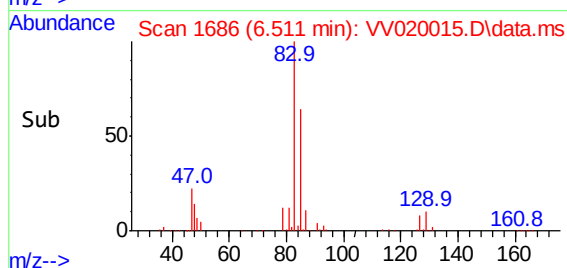
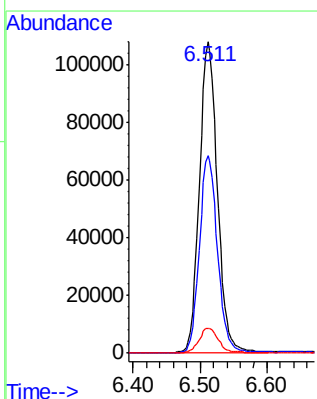
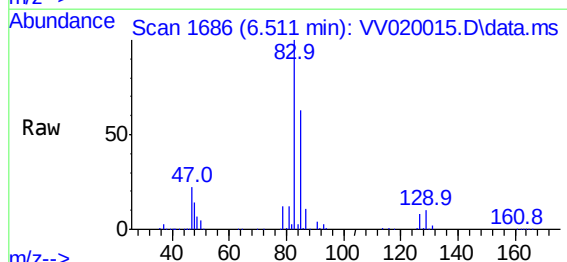
Instrument :
MSVOA_V
ClientSampleId :
VSTD05068

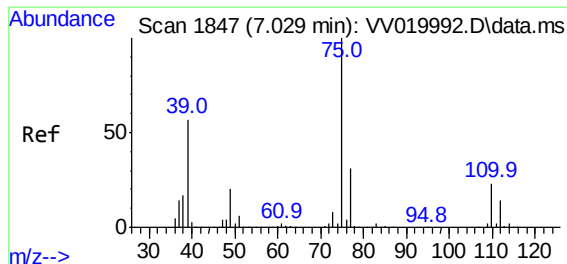
Tgt Ion: 63 Resp: 142838
Ion Ratio Lower Upper
63 100
112 4.5 3.3 4.9



#38
Bromodichloromethane
Concen: 50.03 ug/L
RT: 6.511 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VV020015.D
Acq: 15 Jan 2021 10:03

Tgt Ion: 83 Resp: 200971
Ion Ratio Lower Upper
83 100
85 63.4 44.5 82.7
127 7.9 6.3 9.5

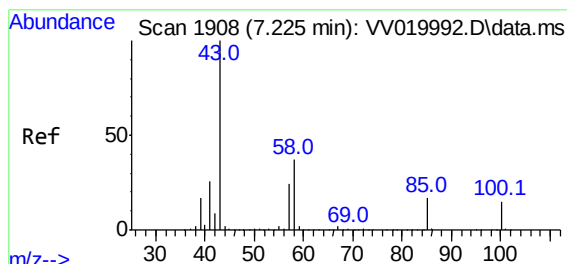
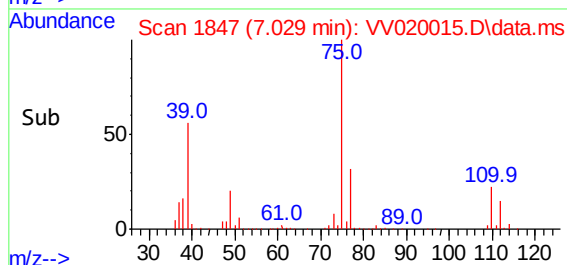
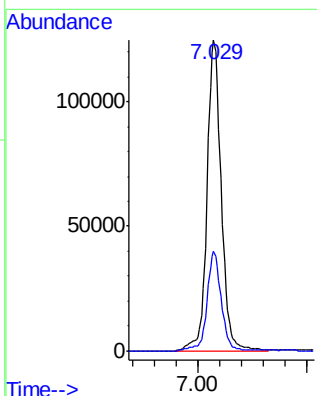
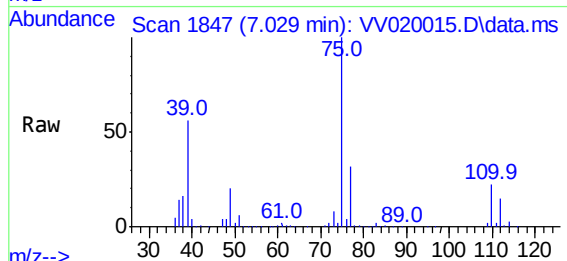




#39
cis-1,3-Dichloropropene
Concen: 52.25 ug/L
RT: 7.029 min Scan# 1847
Delta R.T. -0.000 min
Lab File: VV020015.D
Acq: 15 Jan 2021 10:03

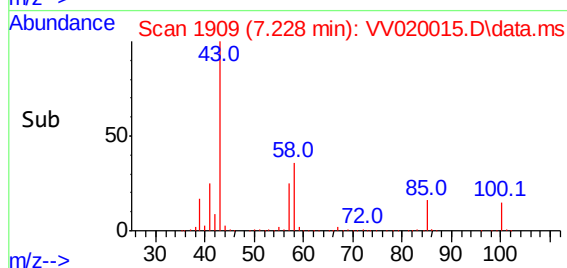
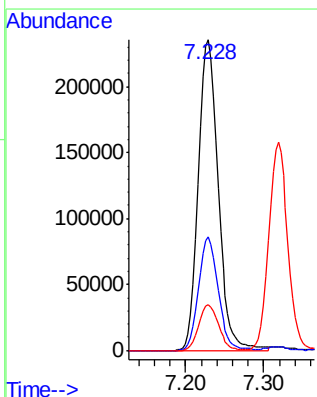
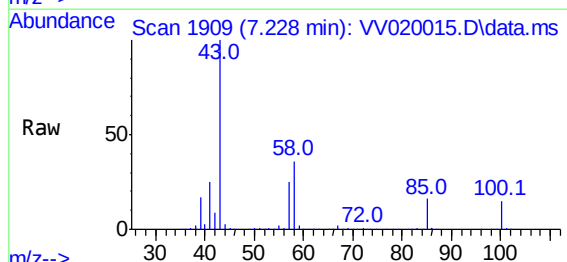
Instrument :
MSVOA_V
ClientSampleId :
VSTD05068

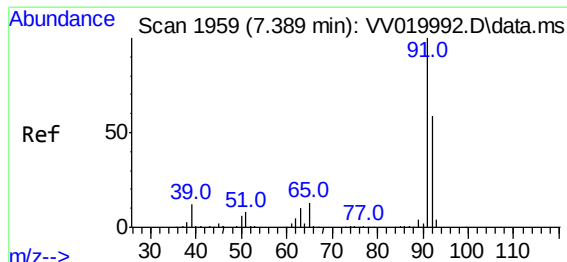
Tgt Ion: 75 Resp: 227528
Ion Ratio Lower Upper
75 100
77 32.0 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 97.19 ug/L
RT: 7.228 min Scan# 1909
Delta R.T. -0.000 min
Lab File: VV020015.D
Acq: 15 Jan 2021 10:03

Tgt Ion: 43 Resp: 415251
Ion Ratio Lower Upper
43 100
58 36.1 30.7 46.1
100 14.6 11.6 17.4





#42

Toluene

Concen: 50.84 ug/L

RT: 7.389 min Scan# 1959

Delta R.T. -0.000 min

Lab File: VV020015.D

Acq: 15 Jan 2021 10:03

Tgt Ion: 91 Resp: 580378

Ion Ratio Lower Upper

91 100

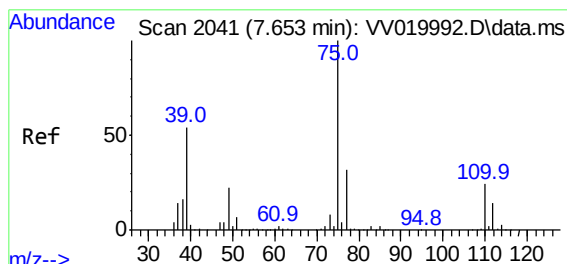
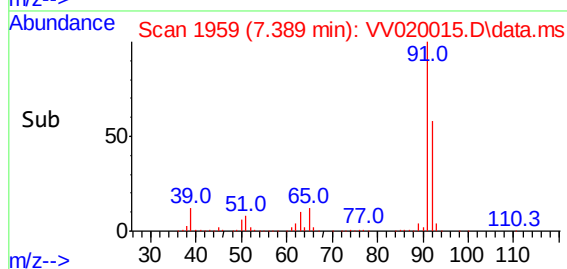
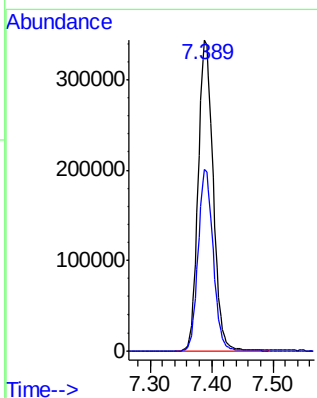
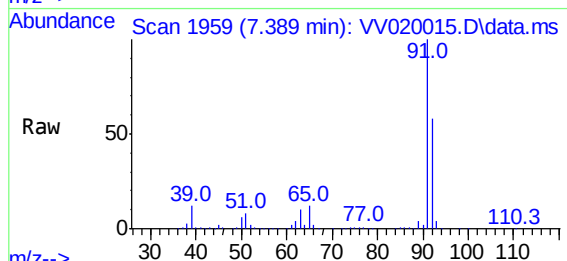
92 58.4 40.7 75.7

Instrument :

MSVOA_V

ClientSampleId :

VSTD05068



#44

trans-1,3-Dichloropropene

Concen: 50.31 ug/L

RT: 7.653 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VV020015.D

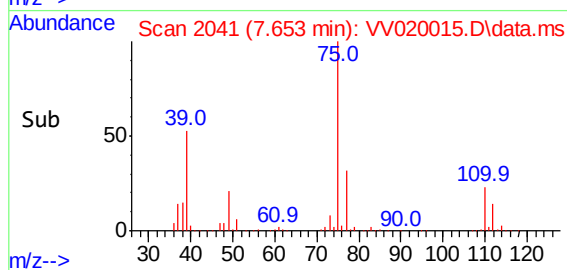
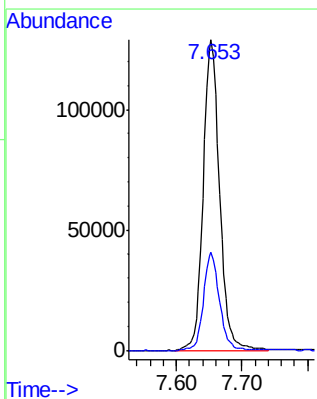
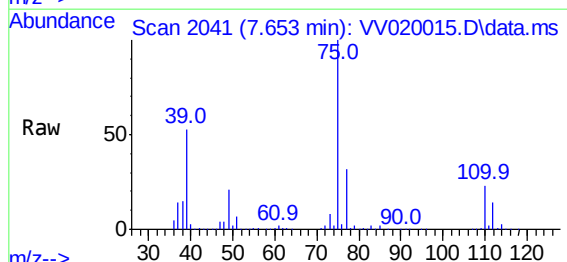
Acq: 15 Jan 2021 10:03

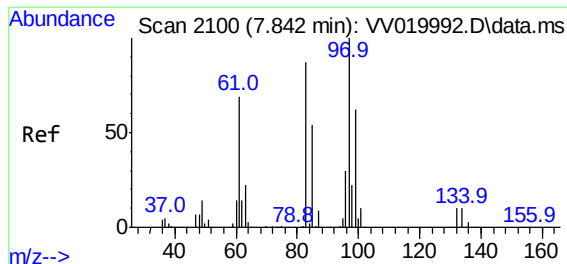
Tgt Ion: 75 Resp: 222226

Ion Ratio Lower Upper

75 100

77 31.5 22.0 41.0



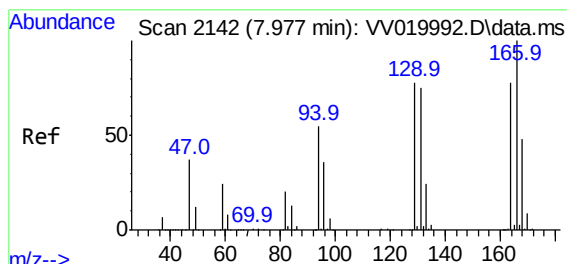
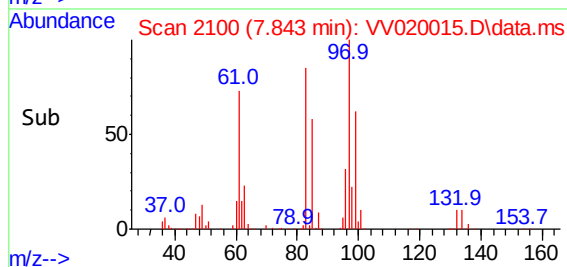
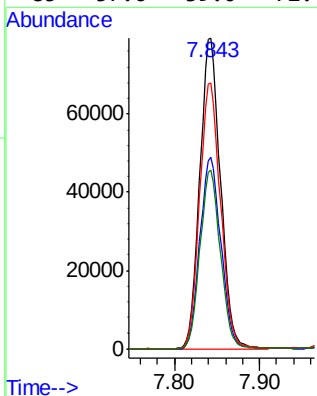
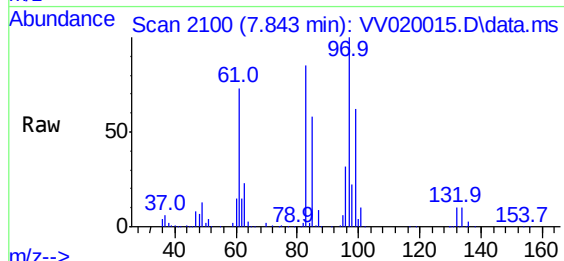


#45
1,1,2-Trichloroethane
Concen: 48.87 ug/L
RT: 7.843 min Scan# 2100
Delta R.T. -0.000 min
Lab File: VV020015.D
Acq: 15 Jan 2021 10:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD05068

Tgt Ion: 97 Resp: 133567

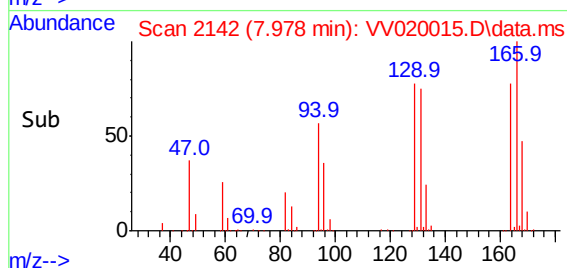
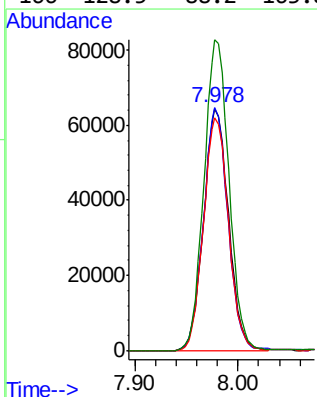
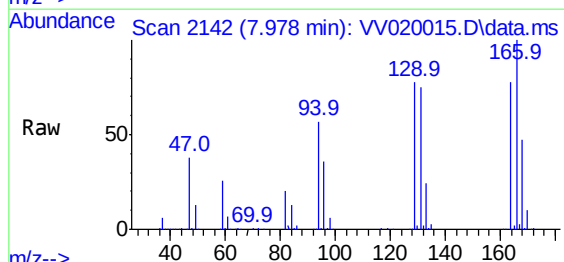
Ion	Ratio	Lower	Upper
97	100		
99	61.6	43.8	81.3
83	85.4	62.2	115.4
85	57.6	39.0	72.4

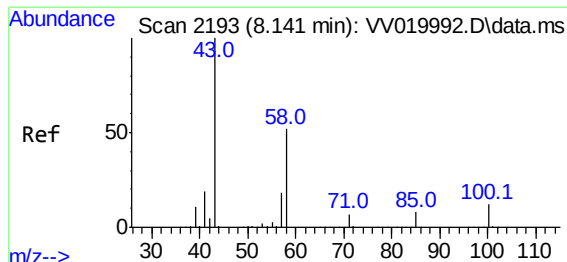


#46
Tetrachloroethene
Concen: 48.89 ug/L
RT: 7.978 min Scan# 2142
Delta R.T. -0.000 min
Lab File: VV020015.D
Acq: 15 Jan 2021 10:03

Tgt Ion: 164 Resp: 107824

Ion	Ratio	Lower	Upper
164	100		
129	100.5	70.6	131.0
131	96.4	66.8	124.0
166	128.5	88.2	163.8



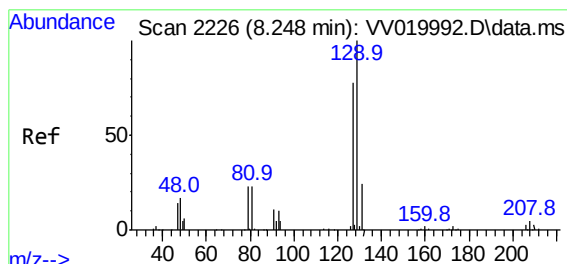
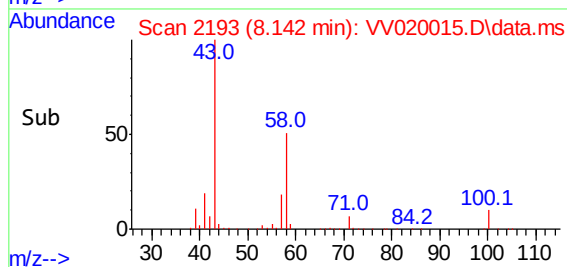
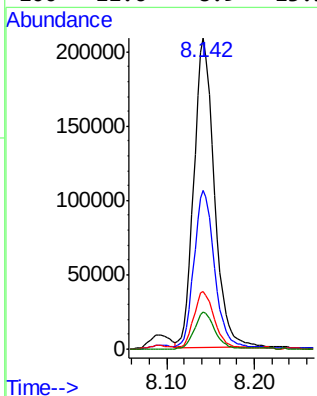
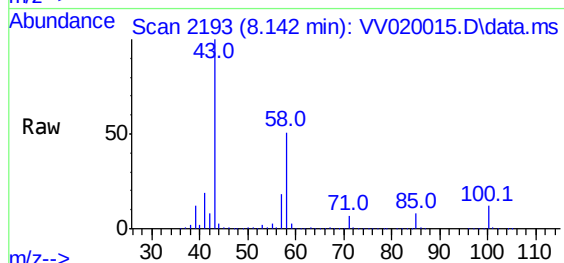


#48
2-Hexanone
Concen: 100.34 ug/L
RT: 8.142 min Scan# 2193
Delta R.T. -0.000 min
Lab File: VV020015.D
Acq: 15 Jan 2021 10:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD05068

Tgt Ion: 43 Resp: 337247

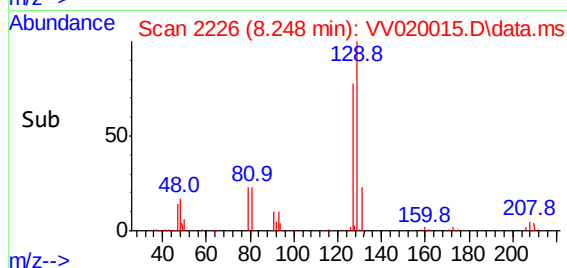
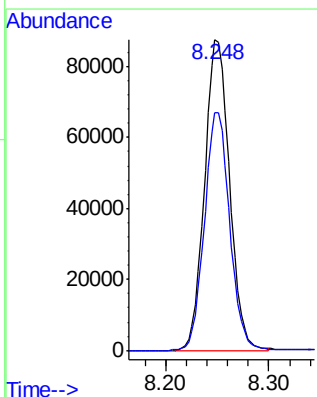
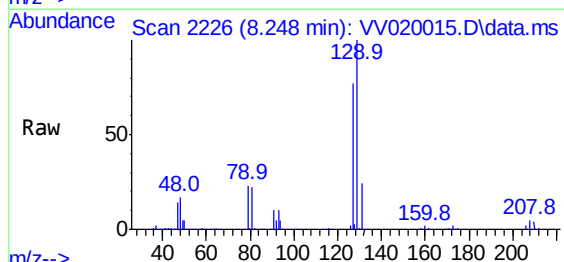
Ion	Ratio	Lower	Upper
43	100		
58	50.8	41.8	62.6
57	18.3	15.0	22.4
100	11.6	8.9	13.3

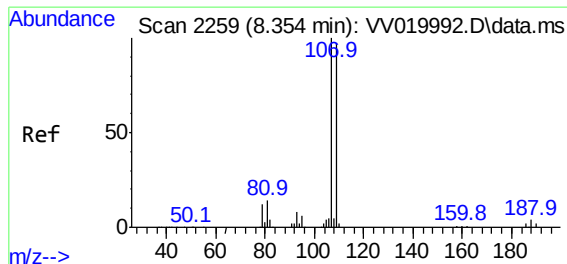


#49
Dibromochloromethane
Concen: 48.62 ug/L
RT: 8.248 min Scan# 2226
Delta R.T. -0.000 min
Lab File: VV020015.D
Acq: 15 Jan 2021 10:03

Tgt Ion: 129 Resp: 146741

Ion	Ratio	Lower	Upper
129	100		
127	76.6	55.2	102.6

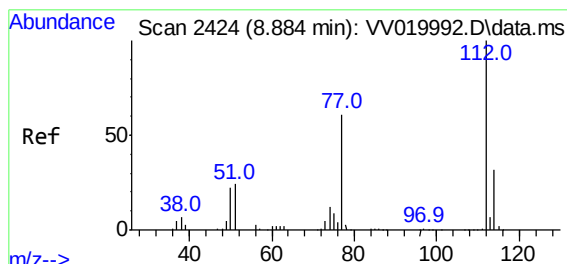
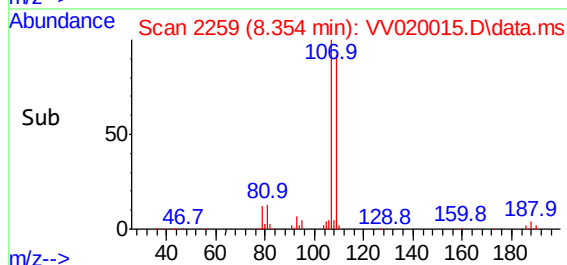
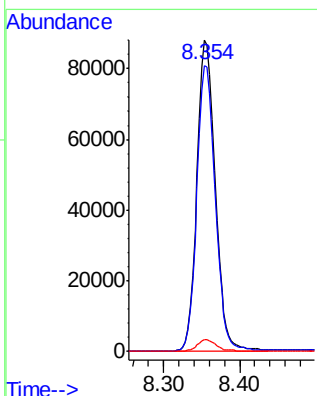
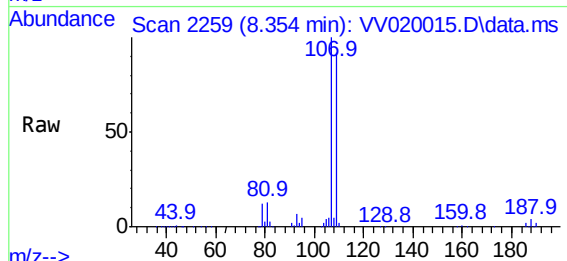




#50
1,2-Dibromoethane
Concen: 50.01 ug/L
RT: 8.354 min Scan# 2259
Delta R.T. -0.000 min
Lab File: VV020015.D
Acq: 15 Jan 2021 10:03

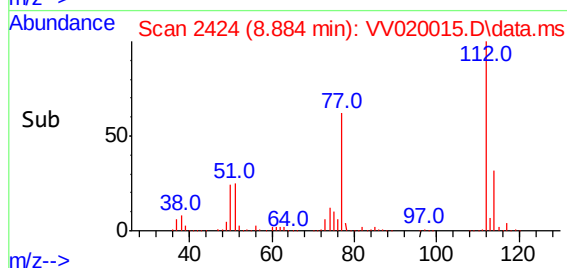
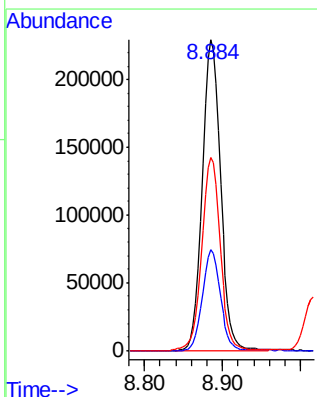
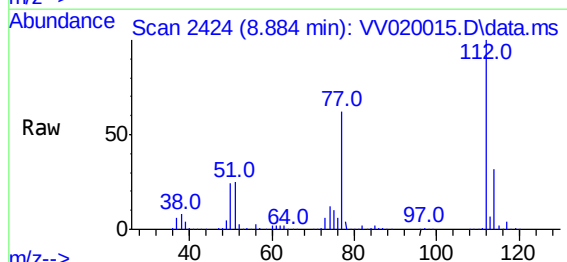
Instrument :
MSVOA_V
ClientSampleId :
VSTD05068

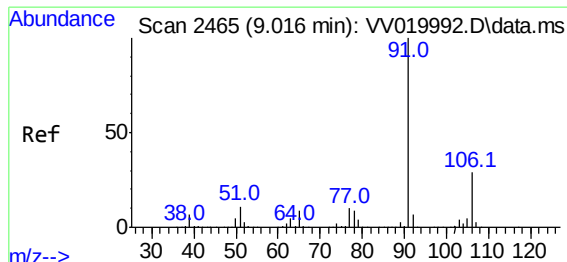
Tgt Ion:107 Resp: 146650
Ion Ratio Lower Upper
107 100
109 91.9 66.2 123.0
188 3.7 2.6 3.8



#51
Chlorobenzene
Concen: 49.35 ug/L
RT: 8.884 min Scan# 2424
Delta R.T. -0.000 min
Lab File: VV020015.D
Acq: 15 Jan 2021 10:03

Tgt Ion:112 Resp: 373188
Ion Ratio Lower Upper
112 100
114 32.4 22.2 41.2
77 62.2 49.0 73.6

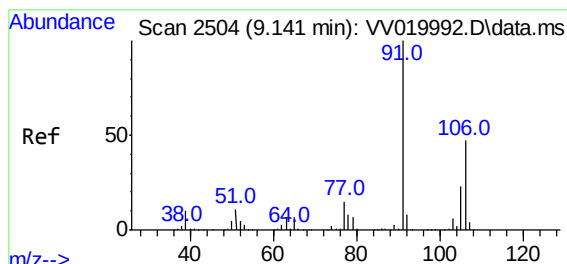
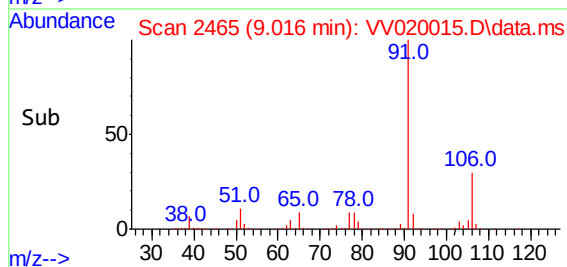
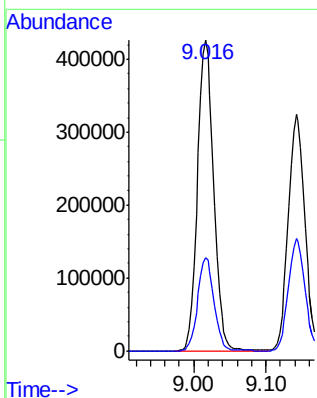
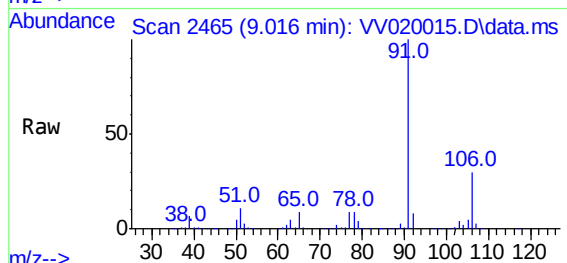




#52
Ethylbenzene
Concen: 51.15 ug/L
RT: 9.016 min Scan# 2465
Delta R.T. -0.000 min
Lab File: VV020015.D
Acq: 15 Jan 2021 10:03

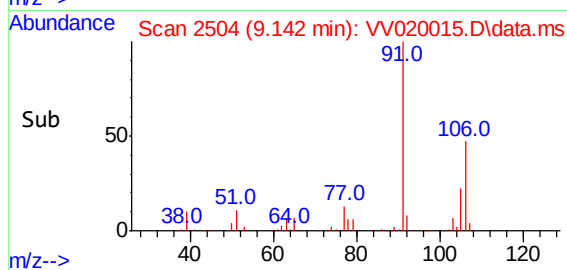
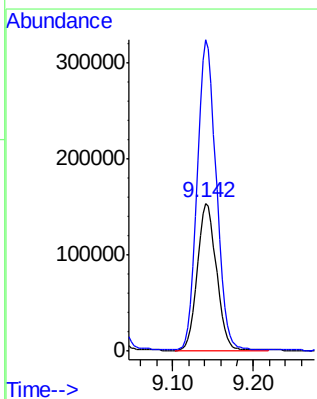
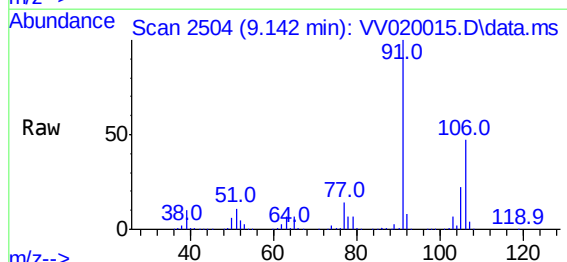
Instrument :
MSVOA_V
ClientSampleId :
VSTD05068

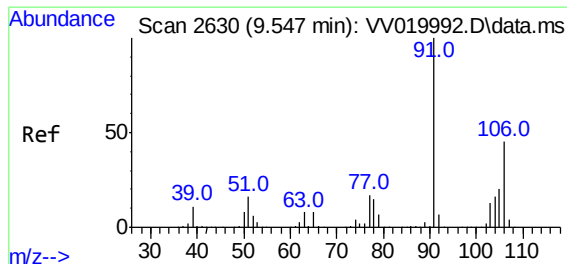
Tgt Ion: 91 Resp: 663083
Ion Ratio Lower Upper
91 100
106 30.0 21.0 39.0



#53
m,p-Xylene
Concen: 51.75 ug/L
RT: 9.142 min Scan# 2504
Delta R.T. -0.000 min
Lab File: VV020015.D
Acq: 15 Jan 2021 10:03

Tgt Ion: 106 Resp: 245062
Ion Ratio Lower Upper
106 100
91 211.4 148.1 275.0

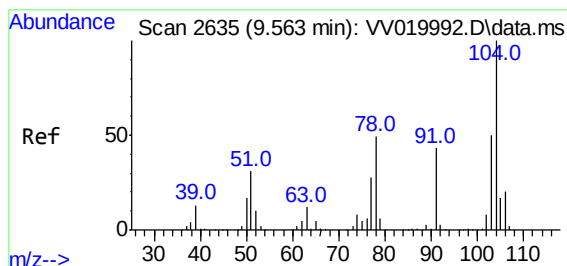
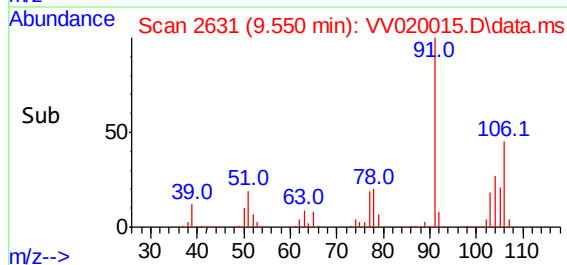
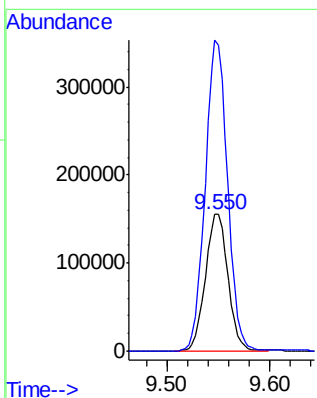
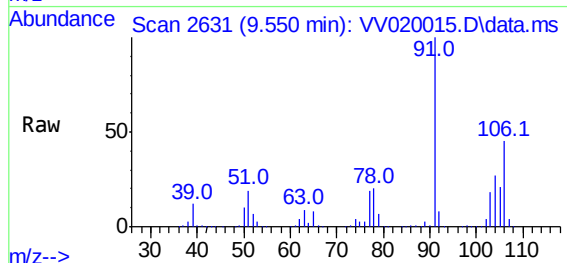




#54
o-xylene
Concen: 50.38 ug/L
RT: 9.550 min Scan# 2631
Delta R.T. 0.003 min
Lab File: VV020015.D
Acq: 15 Jan 2021 10:03

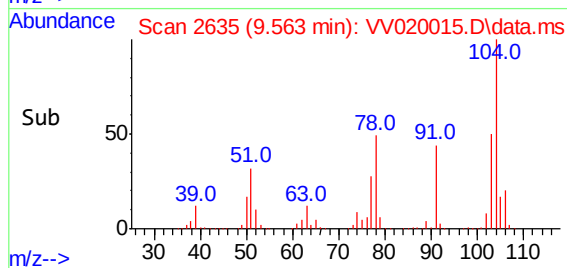
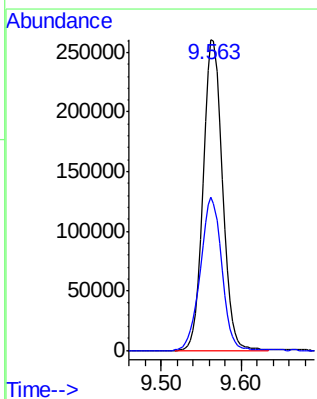
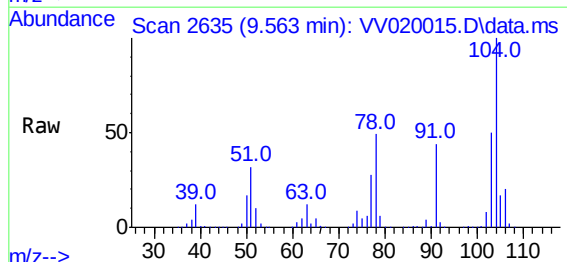
Instrument :
MSVOA_V
ClientSampleId :
VSTD05068

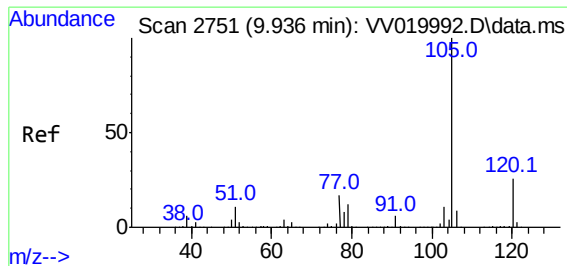
Tgt Ion:106 Resp: 234874
Ion Ratio Lower Upper
106 100
91 224.0 156.4 290.6



#55
Styrene
Concen: 51.64 ug/L
RT: 9.563 min Scan# 2635
Delta R.T. -0.000 min
Lab File: VV020015.D
Acq: 15 Jan 2021 10:03

Tgt Ion:104 Resp: 416151
Ion Ratio Lower Upper
104 100
78 49.2 33.7 62.5

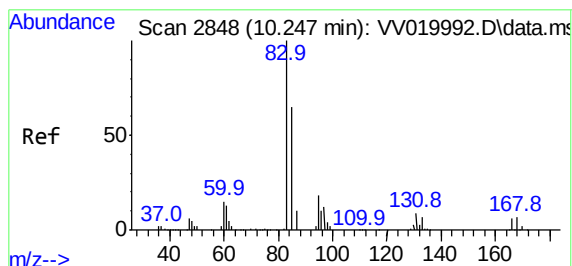
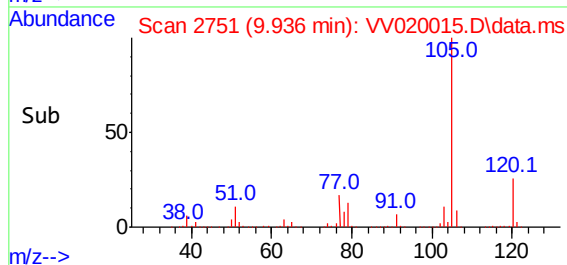
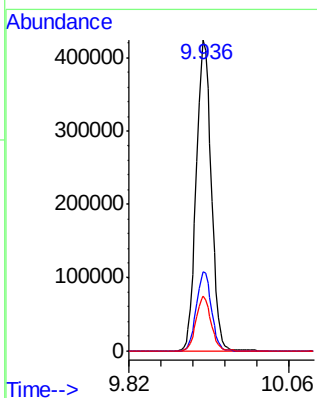
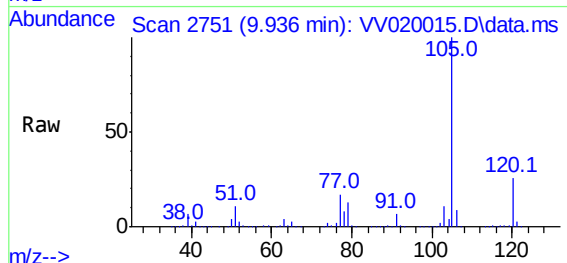




#56
Isopropylbenzene
Concen: 51.76 ug/L
RT: 9.936 min Scan# 2751
Delta R.T. -0.000 min
Lab File: VV020015.D
Acq: 15 Jan 2021 10:03

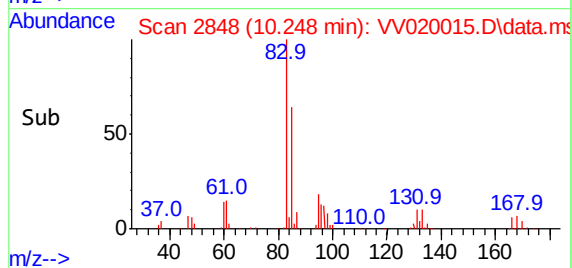
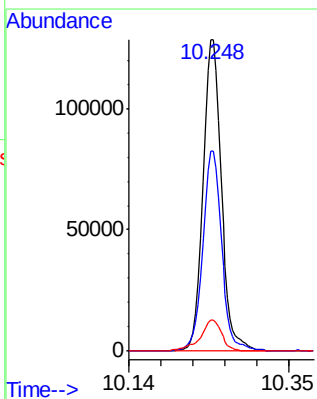
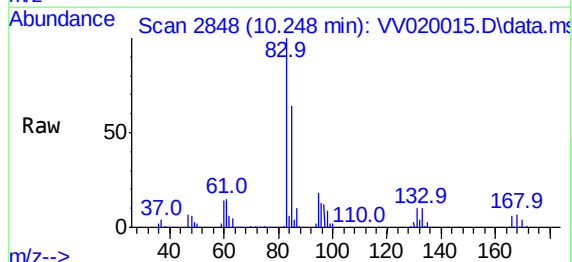
Instrument :
MSVOA_V
ClientSampleId :
VSTD05068

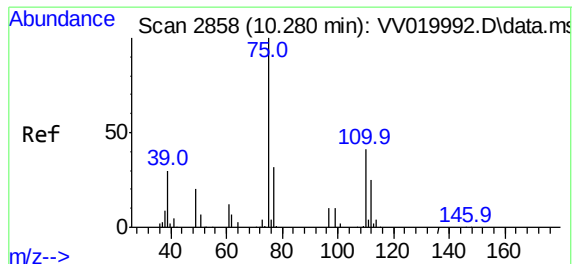
Tgt Ion:105 Resp: 652658
Ion Ratio Lower Upper
105 100
120 25.6 20.5 30.7
77 17.2 13.6 20.4



#58
1,1,2,2-Tetrachloroethane
Concen: 48.90 ug/L
RT: 10.248 min Scan# 2848
Delta R.T. -0.000 min
Lab File: VV020015.D
Acq: 15 Jan 2021 10:03

Tgt Ion: 83 Resp: 209243
Ion Ratio Lower Upper
83 100
85 64.3 44.3 82.3
131 9.9 7.3 10.9

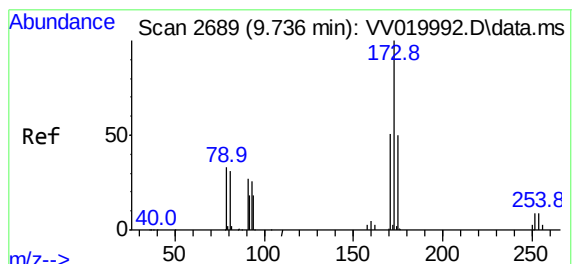
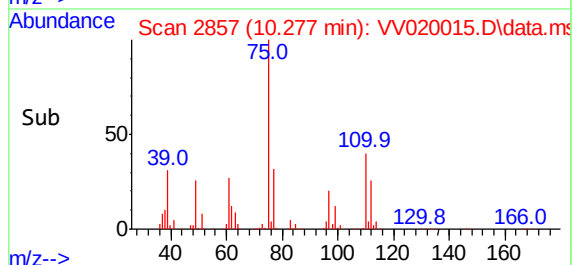
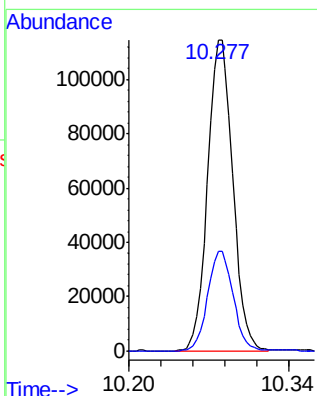
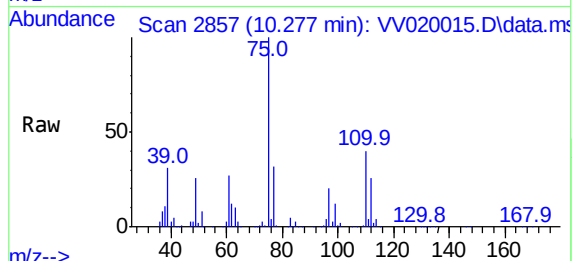




#59
1,2,3-Trichloropropane
Concen: 47.65 ug/L
RT: 10.277 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VV020015.D
Acq: 15 Jan 2021 10:03

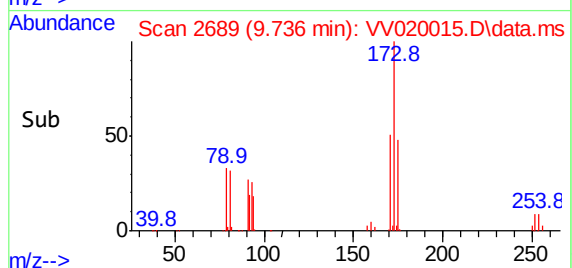
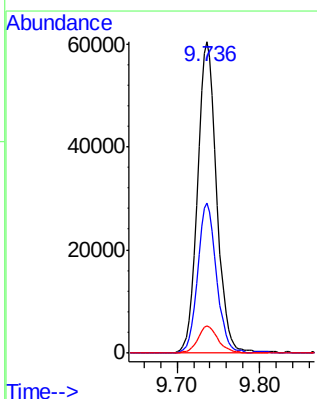
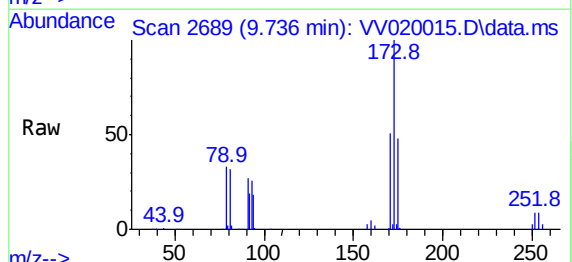
Instrument :
MSVOA_V
ClientSampleId :
VSTD05068

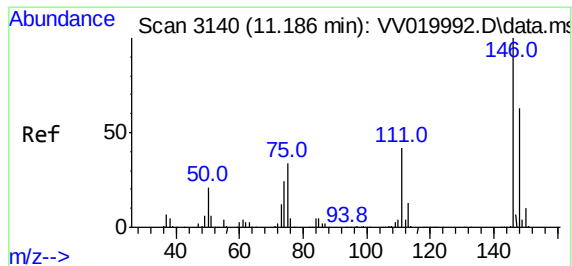
Tgt Ion: 75 Resp: 180180
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0



#61
Bromoform
Concen: 47.07 ug/L
RT: 9.736 min Scan# 2689
Delta R.T. -0.000 min
Lab File: VV020015.D
Acq: 15 Jan 2021 10:03

Tgt Ion:173 Resp: 98107
Ion Ratio Lower Upper
173 100
175 47.2 38.6 57.8
254 8.9 6.5 9.7

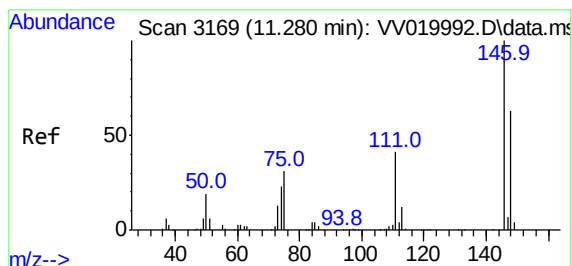
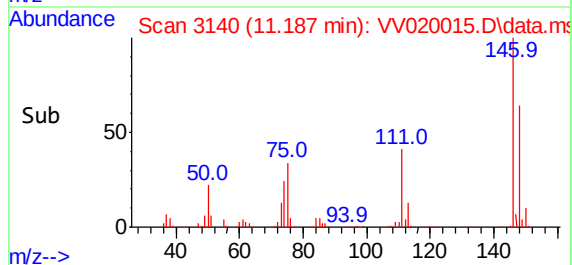
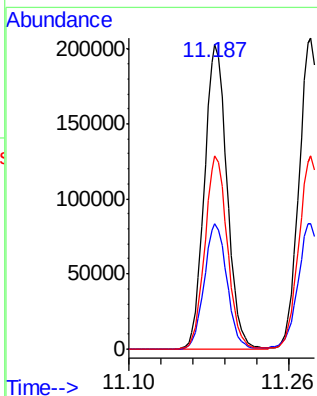
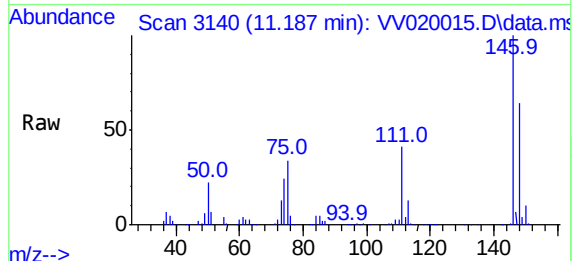




#62
1,3-Dichlorobenzene
Concen: 50.05 ug/L
RT: 11.187 min Scan# 3140
Delta R.T. -0.000 min
Lab File: VV020015.D
Acq: 15 Jan 2021 10:03

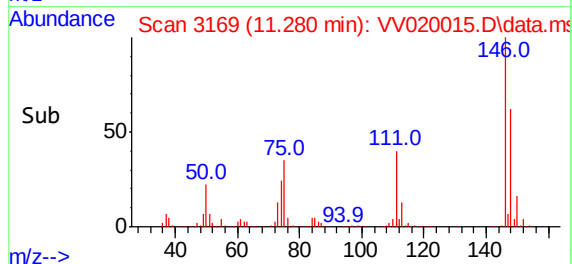
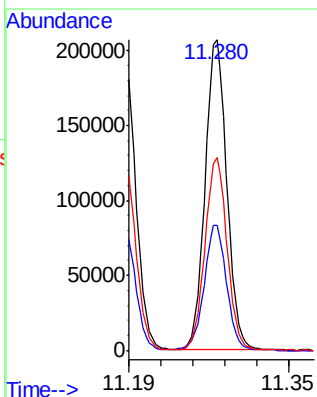
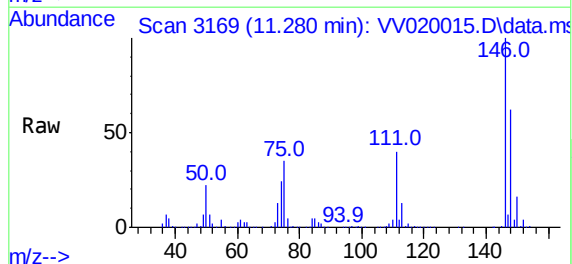
Instrument :
MSVOA_V
ClientSampleId :
VSTD05068

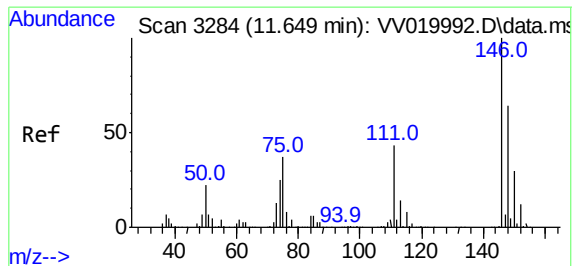
Tgt Ion:146 Resp: 307423
Ion Ratio Lower Upper
146 100
111 41.3 30.2 56.2
148 63.5 45.0 83.6



#63
1,4-Dichlorobenzene
Concen: 49.47 ug/L
RT: 11.280 min Scan# 3169
Delta R.T. -0.000 min
Lab File: VV020015.D
Acq: 15 Jan 2021 10:03

Tgt Ion:146 Resp: 311839
Ion Ratio Lower Upper
146 100
111 40.1 29.4 54.6
148 61.9 44.7 83.1

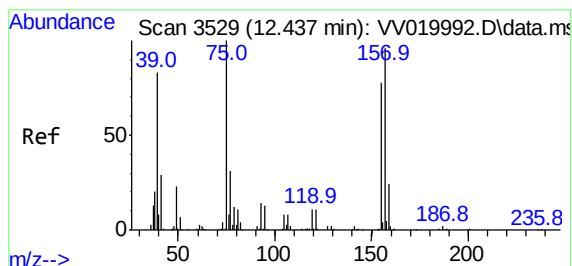
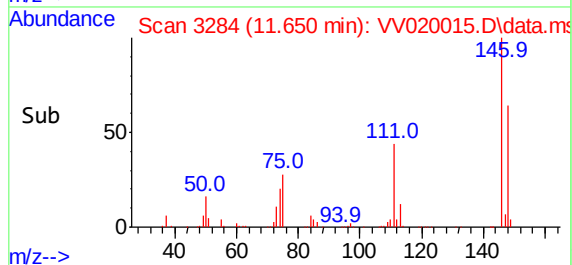
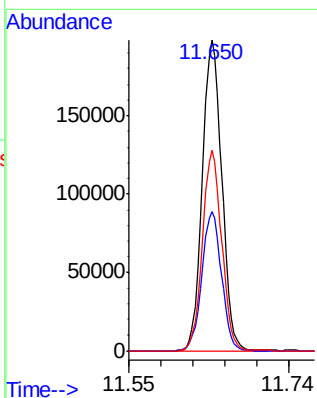
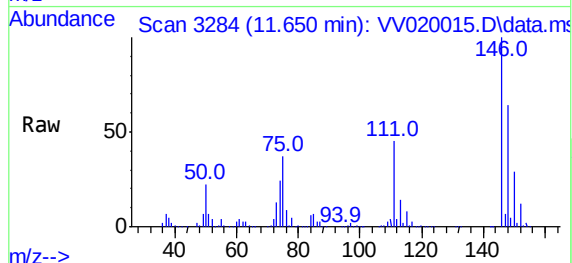




#65
1,2-Dichlorobenzene
Concen: 49.46 ug/L
RT: 11.650 min Scan# 3284
Delta R.T. -0.000 min
Lab File: VV020015.D
Acq: 15 Jan 2021 10:03

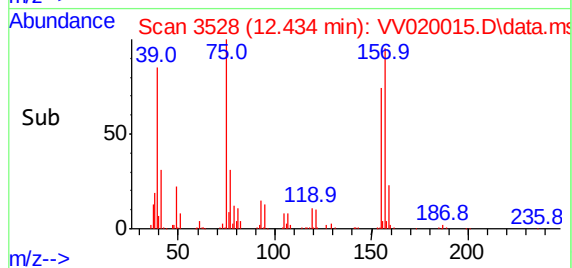
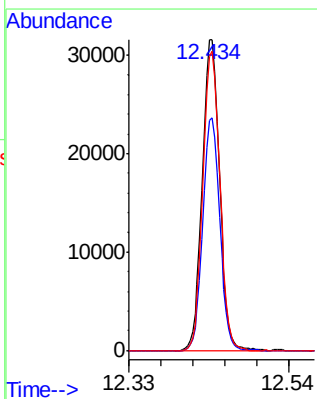
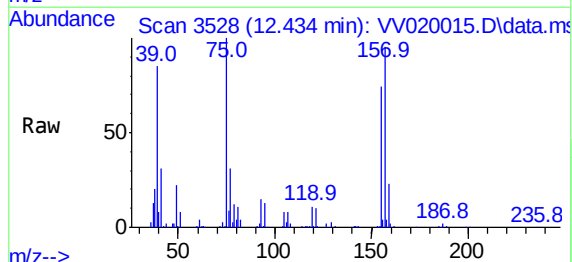
Instrument :
MSVOA_V
ClientSampleId :
VSTD05068

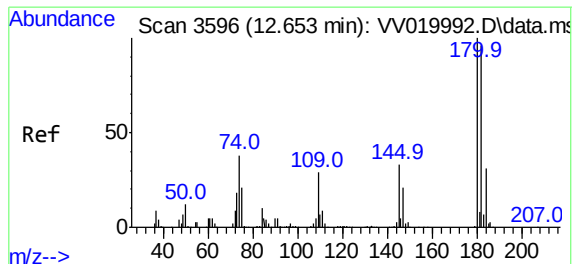
Tgt Ion:146 Resp: 306106
Ion Ratio Lower Upper
146 100
111 44.9 36.3 54.5
148 64.4 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 45.81 ug/L
RT: 12.434 min Scan# 3528
Delta R.T. -0.000 min
Lab File: VV020015.D
Acq: 15 Jan 2021 10:03

Tgt Ion: 75 Resp: 49307
Ion Ratio Lower Upper
75 100
155 73.9 59.1 88.7
157 94.6 75.4 113.0

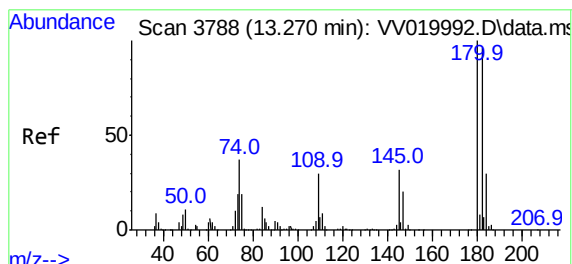
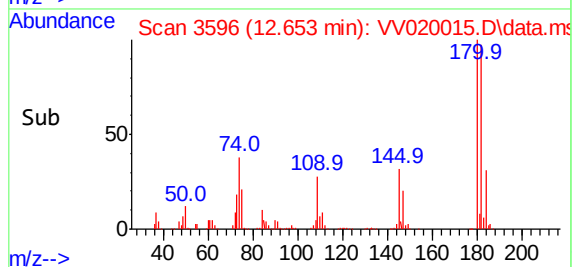
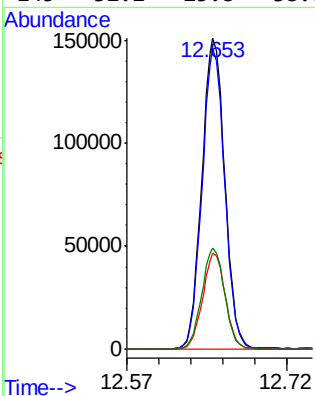
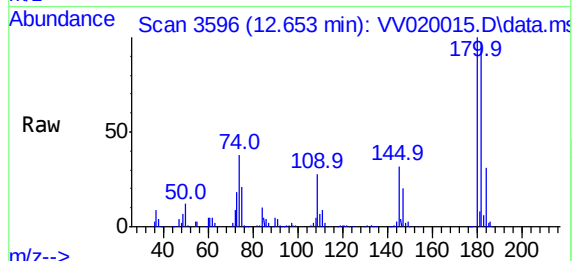




#67
1,3,5-Trichlorobenzene
Concen: 50.30 ug/L
RT: 12.653 min Scan# 3596
Delta R.T. -0.000 min
Lab File: VV020015.D
Acq: 15 Jan 2021 10:03

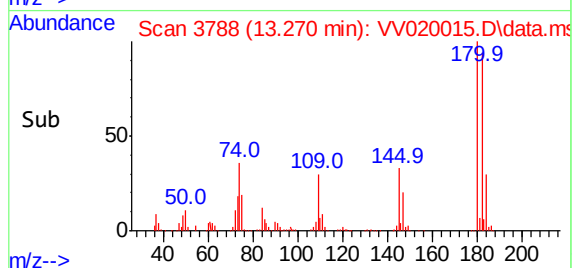
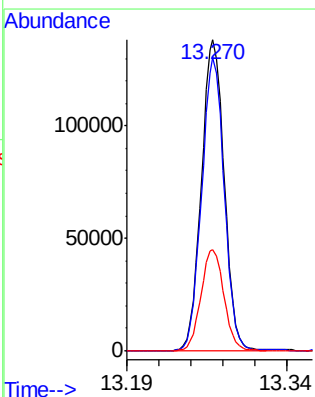
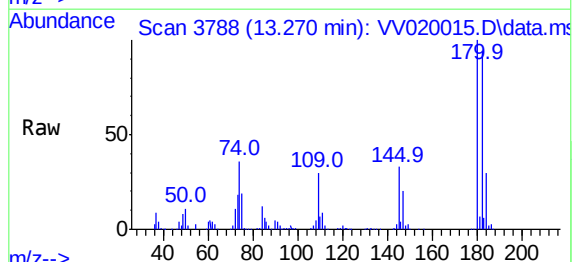
Instrument :
MSVOA_V
ClientSampleId :
VSTD05068

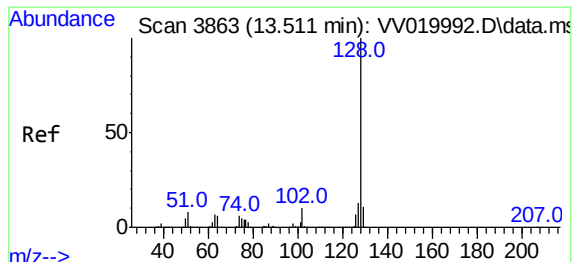
Tgt Ion:180 Resp: 232037
Ion Ratio Lower Upper
180 100
182 95.7 75.0 112.6
184 30.3 24.0 36.0
145 32.2 25.8 38.6



#68
1,2,4-trichlorobenzene
Concen: 51.62 ug/L
RT: 13.270 min Scan# 3788
Delta R.T. -0.000 min
Lab File: VV020015.D
Acq: 15 Jan 2021 10:03

Tgt Ion:180 Resp: 210531
Ion Ratio Lower Upper
180 100
182 93.7 75.1 112.7
145 32.6 26.8 40.2

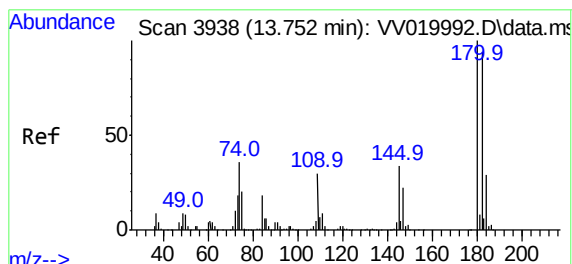
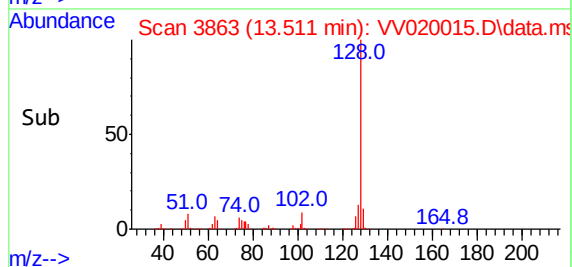
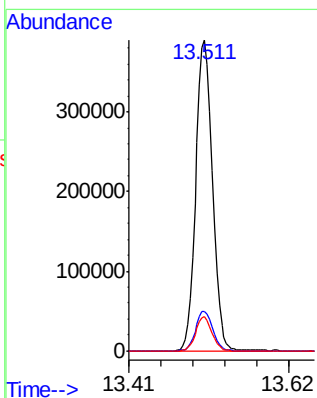
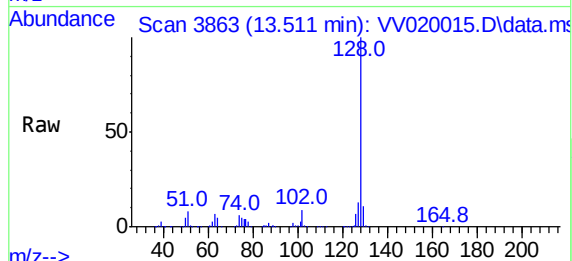




#69
Naphthalene
Concen: 50.23 ug/L
RT: 13.511 min Scan# 3863
Delta R.T. -0.000 min
Lab File: VV020015.D
Acq: 15 Jan 2021 10:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD05068

Tgt Ion:128 Resp: 592567
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.7 8.6 13.0



#70
1,2,3-Trichlorobenzene
Concen: 50.62 ug/L
RT: 13.752 min Scan# 3938
Delta R.T. -0.000 min
Lab File: VV020015.D
Acq: 15 Jan 2021 10:03

Tgt Ion:180 Resp: 200388
Ion Ratio Lower Upper
180 100
182 96.2 76.1 114.1
145 34.6 27.9 41.9

