

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012921\Not Reviewed Data\
 Data File : VW020208.D
 Acq On : 28 Jan 2021 10:10
 Operator : SY/MD
 Sample : VSTD00164
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001703

Quant Time: Jan 28 17:40:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 28 12:11:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	433786	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.858	117	408892	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.257	152	232875	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.303	65	31691	1.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	20.60%#
7) Chloroethane-d5	1.563	69	27954	1.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	21.20%#
11) 1,1-Dichloroethene-d2	2.103	63	49401	1.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	23.00%#
20) 2-Butanone-d5	3.952	46	22738	3.61	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	7.22%#
24) Chloroform-d	4.354	84	59343	1.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	20.00%#
26) 1,2-Dichloroethane-d4	5.042	65	30330	1.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	20.60%#
32) Benzene-d6	5.055	84	112053	1.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	20.60%#
36) 1,2-Dichloropropane-d6	6.077	67	32945	1.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	20.60%#
41) Toluene-d8	7.322	98	102190	1.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	20.40%#
43) trans-1,3-Dichloroprop...	7.633	79	11430	0.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	19.00%#
46) 2-Hexanone-d5	8.103	63	44032	8.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	17.74%#
56) 1,1,2,2-Tetrachloroeth...	10.225	84	21803	1.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	20.20%#
66) 1,2-Dichlorobenzene-d4	11.633	152	41963	1.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	20.60%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.129	85	43683	1.02	ug/L	98
3) Chloromethane	1.238	50	44463	1.06	ug/L	96
5) Vinyl chloride	1.306	62	42352	1.05	ug/L	99
6) Bromomethane	1.518	94	23603	1.02	ug/L	96
8) Chloroethane	1.582	64	25485	1.08	ug/L	93
9) Trichlorofluoromethane	1.749	101	44943	0.93	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.113	101	28007	1.13	ug/L #	85
12) 1,1-Dichloroethene	2.113	96	27562	1.15	ug/L	84
13) Acetone	2.460	43	8575	2.41	ug/L	67
14) Carbon disulfide	2.290	76	98520	1.09	ug/L	99
15) Methyl Acetate	2.460	43	8575	0.82	ug/L	96
16) Methylene chloride	2.508	84	34176	1.06	ug/L	90
17) Methyl tert-butyl Ether	2.775	73	66239	1.00	ug/L	99
18) trans-1,2-Dichloroethene	2.759	96	33961	1.06	ug/L	89
19) 1,1-Dichloroethane	3.190	63	58075	1.02	ug/L	97
21) 2-Butanone	4.023	43	16781	2.47	ug/L #	61
22) cis-1,2-Dichloroethene	3.920	96	33818	1.03	ug/L	85
23) Bromochloromethane	4.257	128	13878	0.97	ug/L	86
25) Chloroform	4.380	83	60521	1.02	ug/L	94

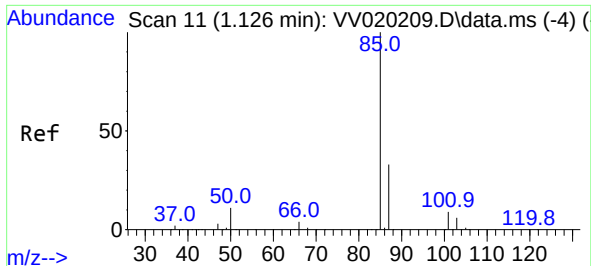
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 28 12:11:07 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.142	62	36923	1.05	ug/L	100
29) 1,1,1-Trichloroethane	4.611	97	54085	1.06	ug/L	96
30) Cyclohexane	4.679	56	50120	1.03	ug/L	98
31) Carbon tetrachloride	4.830	117	45577	1.02	ug/L	98
33) Benzene	5.106	78	125618	1.04	ug/L	100
34) Trichloroethene	5.920	95	35232	1.05	ug/L	90
35) Methylcyclohexane	6.132	83	49473	0.98	ug/L	94
37) 1,2-Dichloropropane	6.180	63	27983	0.96	ug/L #	95
38) Bromodichloromethane	6.518	83	39162	1.02	ug/L #	97
39) cis-1,3-Dichloropropene	7.035	75	39007	0.96	ug/L	97
40) 4-Methyl-2-pentanone	7.238	43	156745	9.65	ug/L	98
42) Toluene	7.392	91	129957	1.01	ug/L	100
44) trans-1,3-Dichloropropene	7.662	75	32273	0.94	ug/L	97
45) 1,1,2-Trichloroethane	7.846	97	20115	0.98	ug/L	92
47) Tetrachloroethene	7.981	164	30344	1.06	ug/L	93
48) 2-Hexanone	8.151	43	107153	9.49	ug/L	98
49) Dibromochloromethane	8.254	129	24043	0.98	ug/L	95
50) 1,2-Dibromoethane	8.360	107	19616	1.00	ug/L #	97
51) Chlorobenzene	8.887	112	87625	1.03	ug/L	96
52) Ethylbenzene	9.019	91	146484	1.02	ug/L	96
53) m,p-xylene	9.145	106	53698	1.00	ug/L	100
54) o-xylene	9.550	106	51726	1.00	ug/L	97
55) Styrene	9.569	104	85154	0.97	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.251	83	23054	1.06	ug/L #	98
59) Bromoform	9.739	173	13362	0.99	ug/L #	97
60) Isopropylbenzene	9.939	105	146911	1.06	ug/L	98
61) 1,2,3-Trichloropropane	10.283	75	17684	1.08	ug/L	96
62) 1,3,5-Trimethylbenzene	10.547	105	114191	0.99	ug/L	97
63) 1,2,4-Trimethylbenzene	10.919	105	112717	0.96	ug/L	93
64) 1,3-Dichlorobenzene	11.190	146	74452	1.03	ug/L	95
65) 1,4-Dichlorobenzene	11.283	146	75809	1.03	ug/L	95
67) 1,2-Dichlorobenzene	11.649	146	67560	1.03	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.437	75	3837	1.00	ug/L	90
69) 1,3,5-Trichlorobenzene	12.656	180	61936	0.99	ug/L	97
70) 1,2,4-trichlorobenzene	13.270	180	48142	0.95	ug/L	97
71) Naphthalene	13.511	128	60686	0.88	ug/L	98
72) 1,2,3-Trichlorobenzene	13.752	180	45800	1.02	ug/L #	95

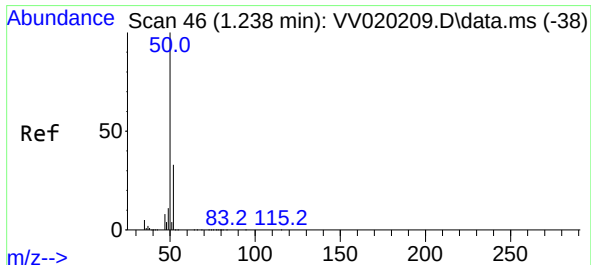
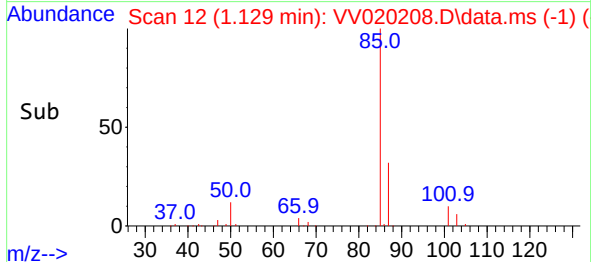
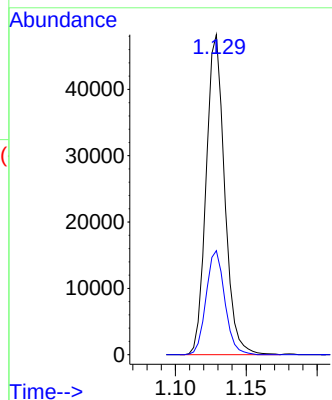
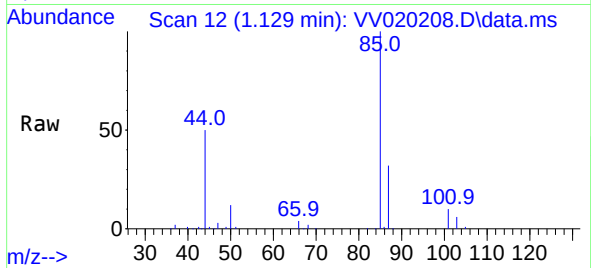
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 1.02 ug/L
RT: 1.129 min Scan# 12
Delta R.T. 0.003 min
Lab File: VV020208.D
Acq: 28 Jan 2021 10:10

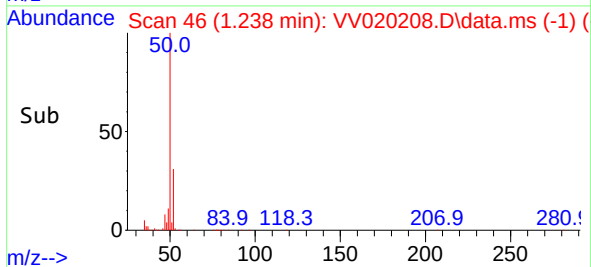
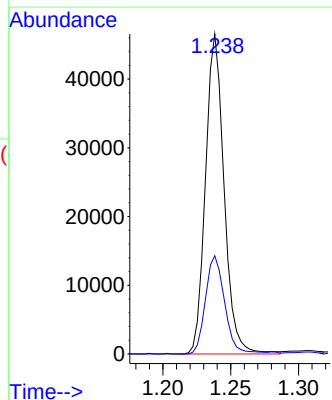
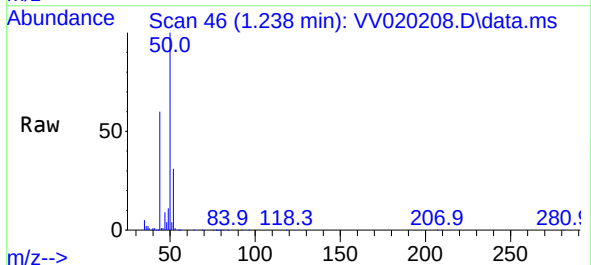
Instrument :
MSVOA_V
ClientSampleId :
VSTD001703

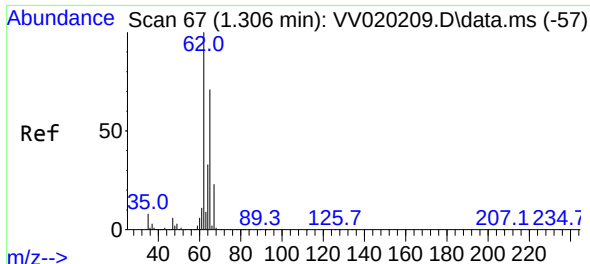
Tgt Ion: 85 Resp: 43683
Ion Ratio Lower Upper
85 100
87 32.9 25.6 38.4



#3
Chloromethane
Concen: 1.06 ug/L
RT: 1.238 min Scan# 46
Delta R.T. 0.000 min
Lab File: VV020208.D
Acq: 28 Jan 2021 10:10

Tgt Ion: 50 Resp: 44463
Ion Ratio Lower Upper
50 100
52 30.7 23.1 42.9

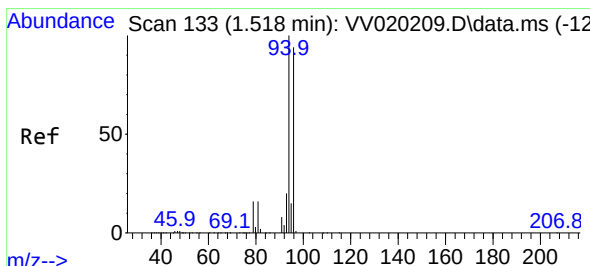
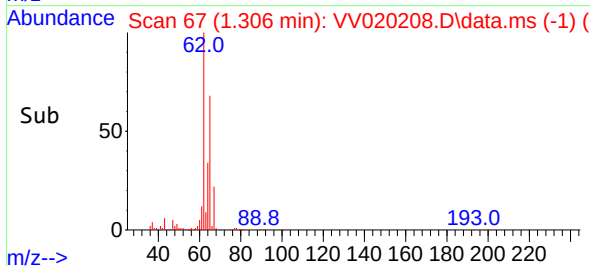
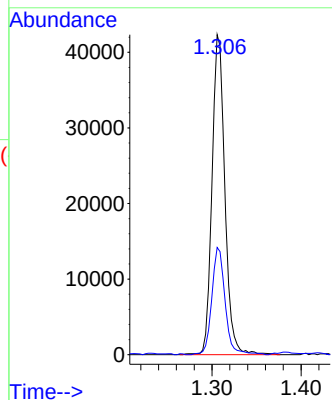
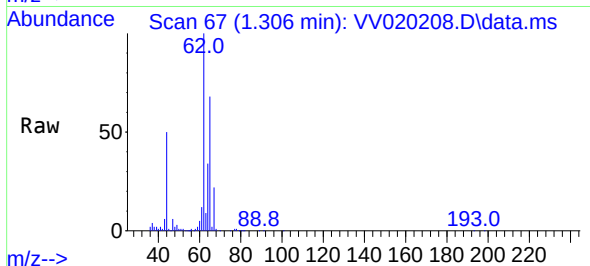




#5
 Vinyl chloride
 Concen: 1.05 ug/L
 RT: 1.306 min Scan# 67
 Delta R.T. 0.000 min
 Lab File: VV020208.D
 Acq: 28 Jan 2021 10:10

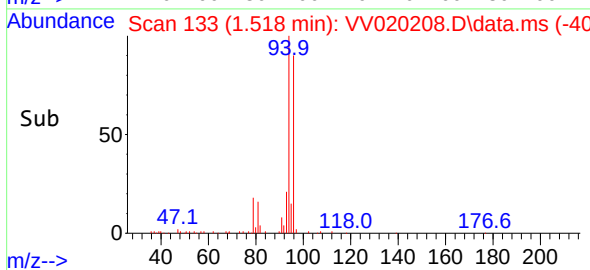
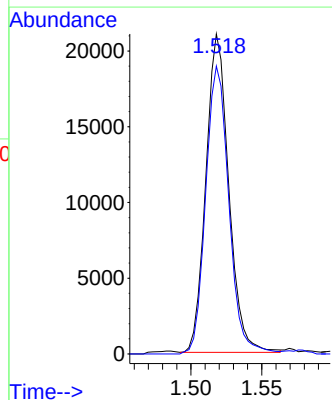
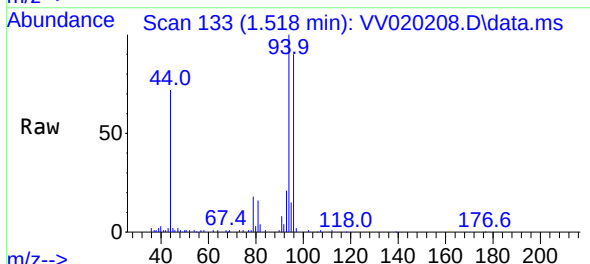
Instrument :
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 ClientSampled :
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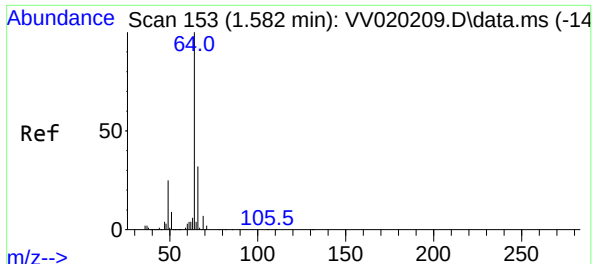
Tgt Ion: 62 Resp: 42352
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.2 43.2



#6
 Bromomethane
 Concen: 1.02 ug/L
 RT: 1.518 min Scan# 133
 Delta R.T. 0.000 min
 Lab File: VV020208.D
 Acq: 28 Jan 2021 10:10

Tgt Ion: 94 Resp: 23603
 Ion Ratio Lower Upper
 94 100
 96 89.9 65.6 121.8

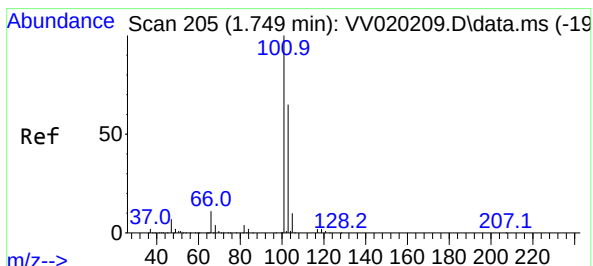
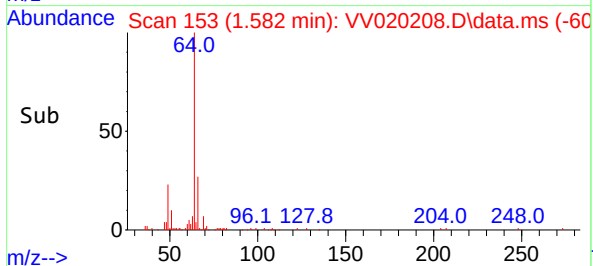
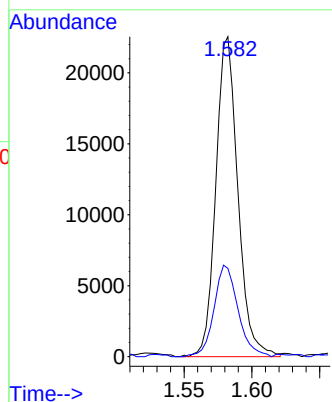
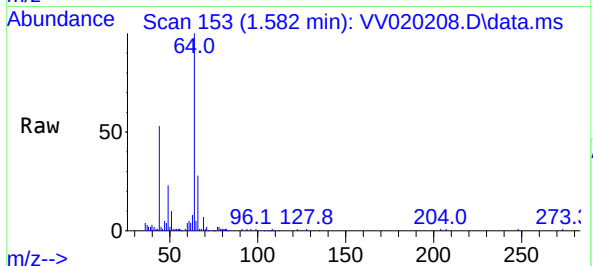




#8
Chloroethane
Concen: 1.08 ug/L
RT: 1.582 min Scan# 153
Delta R.T. 0.000 min
Lab File: VV020208.D
Acq: 28 Jan 2021 10:10

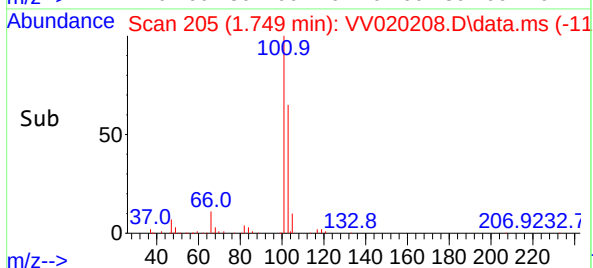
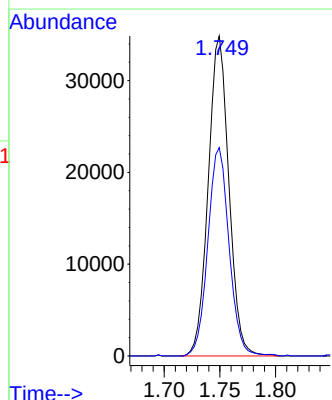
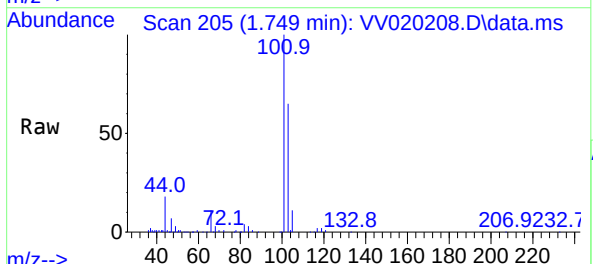
Instrument :
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ClientSampled :
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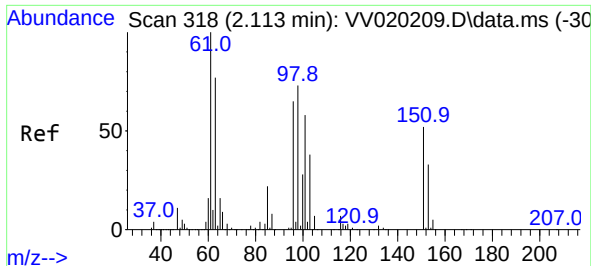
Tgt Ion: 64 Resp: 25485
Ion Ratio Lower Upper
64 100
66 27.6 22.0 40.8



#9
Trichlorofluoromethane
Concen: 0.93 ug/L
RT: 1.749 min Scan# 205
Delta R.T. 0.000 min
Lab File: VV020208.D
Acq: 28 Jan 2021 10:10

Tgt Ion: 101 Resp: 44943
Ion Ratio Lower Upper
101 100
103 67.0 51.8 77.8

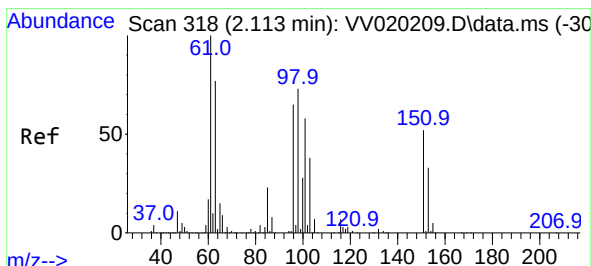
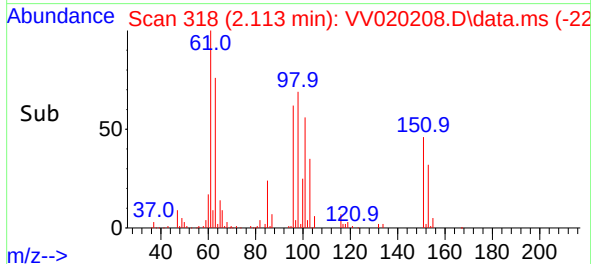
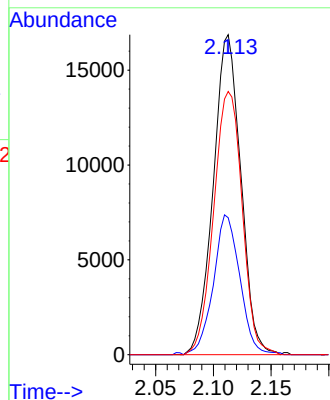
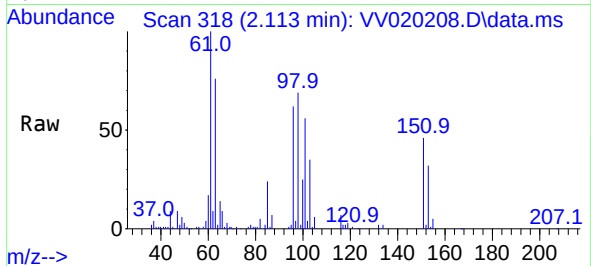




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.13 ug/L
RT: 2.113 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV020208.D
Acq: 28 Jan 2021 10:10

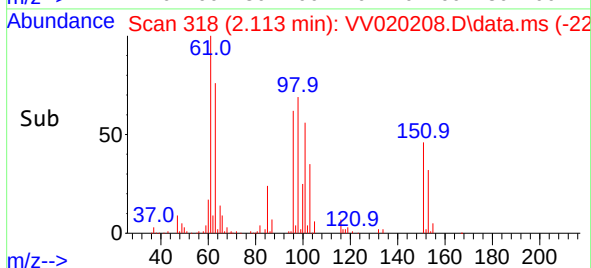
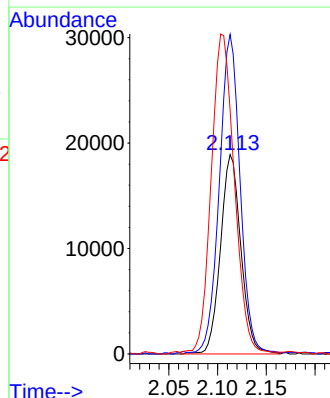
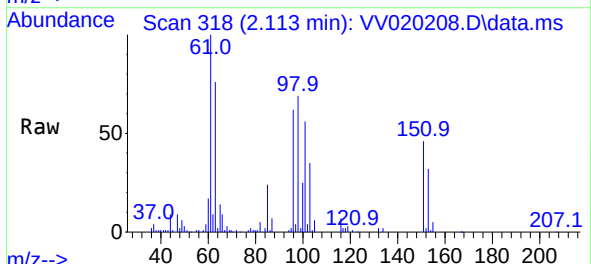
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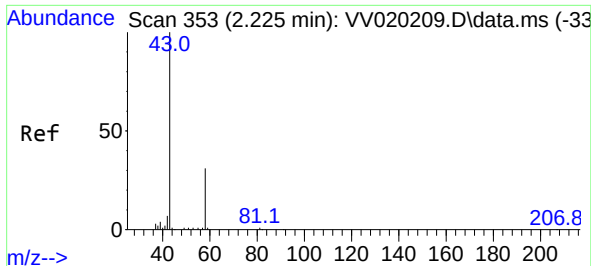
Tgt Ion:101 Resp: 28007
Ion Ratio Lower Upper
101 100
85 42.0 36.4 54.6
151 85.0 54.1 81.1#



#12
1,1-Dichloroethene
Concen: 1.15 ug/L
RT: 2.113 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV020208.D
Acq: 28 Jan 2021 10:10

Tgt Ion: 96 Resp: 27562
Ion Ratio Lower Upper
96 100
61 160.2 131.5 244.1
63 122.3 95.2 176.8

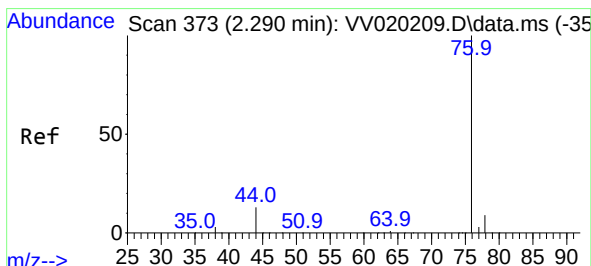
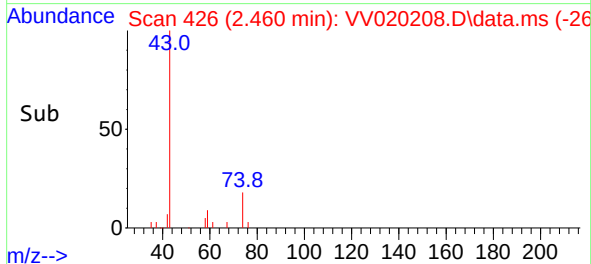
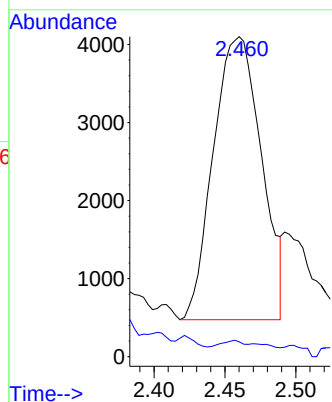
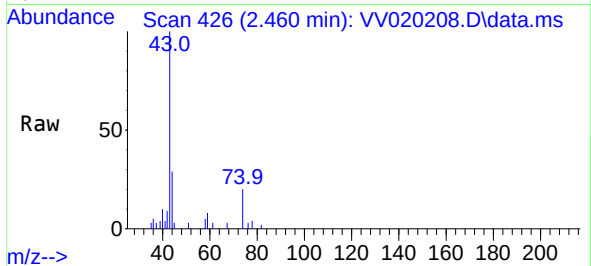




#13
Acetone
Concen: 2.41 ug/L
RT: 2.460 min Scan# 426
Delta R.T. 0.235 min
Lab File: VV020208.D
Acq: 28 Jan 2021 10:10

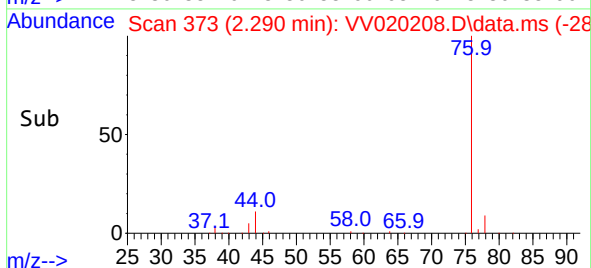
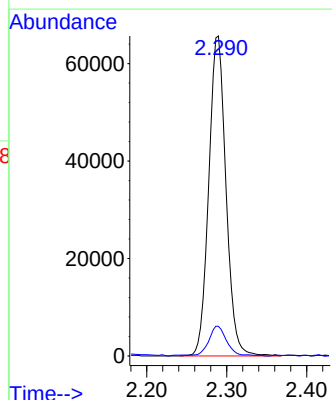
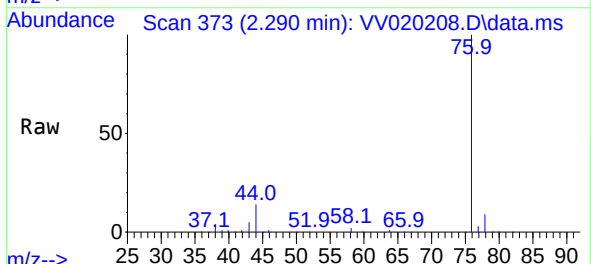
Instrument :
MSVOA_V
ClientSampleId :
VSTD001703

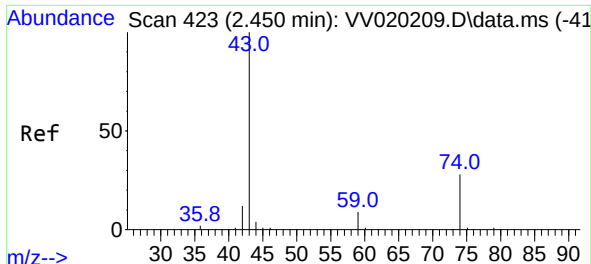
Tgt Ion: 43 Resp: 8575
Ion Ratio Lower Upper
43 100
58 1.7 0.0 31.4



#14
Carbon disulfide
Concen: 1.09 ug/L
RT: 2.290 min Scan# 373
Delta R.T. 0.000 min
Lab File: VV020208.D
Acq: 28 Jan 2021 10:10

Tgt Ion: 76 Resp: 98520
Ion Ratio Lower Upper
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78 9.3 7.2 10.8

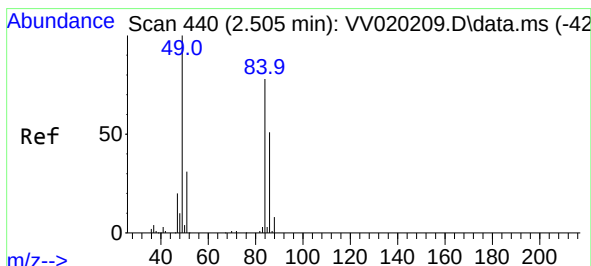
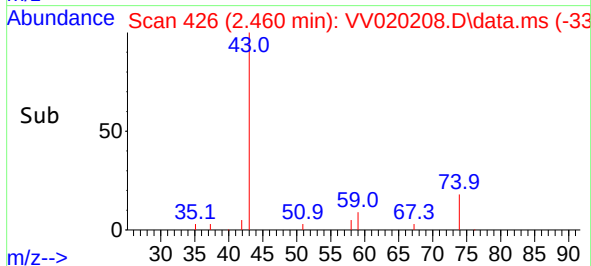
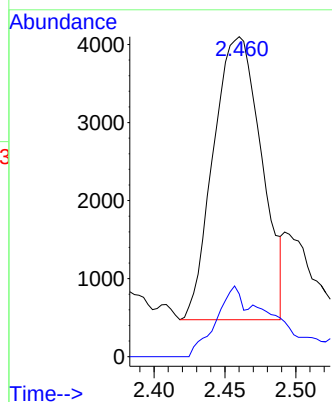
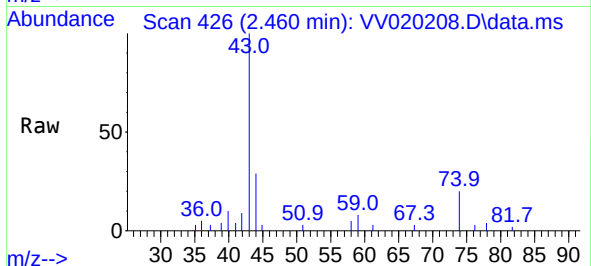




#15
Methyl Acetate
Concen: 0.82 ug/L
RT: 2.460 min Scan# 426
Delta R.T. 0.010 min
Lab File: VV020208.D
Acq: 28 Jan 2021 10:10

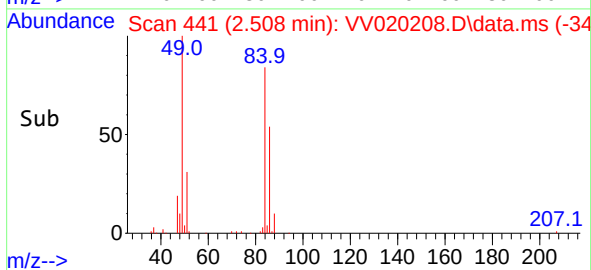
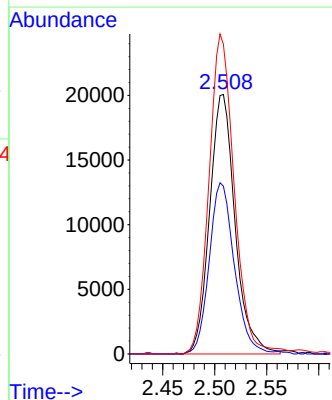
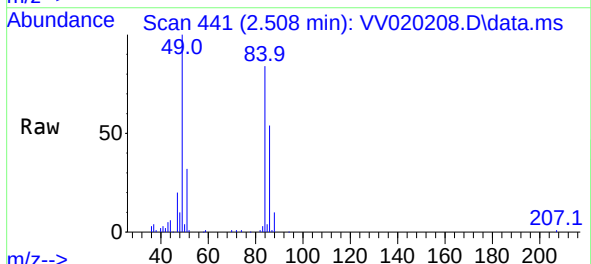
Instrument :
MSVOA_V
ClientSampled :
VSTD001703

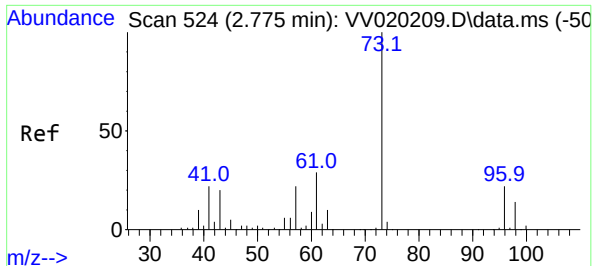
Tgt Ion: 43 Resp: 8575
Ion Ratio Lower Upper
43 100
74 15.0 10.6 16.0



#16
Methylene chloride
Concen: 1.06 ug/L
RT: 2.508 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV020208.D
Acq: 28 Jan 2021 10:10

Tgt Ion: 84 Resp: 34176
Ion Ratio Lower Upper
84 100
86 64.6 42.8 79.4
49 119.3 93.9 174.3



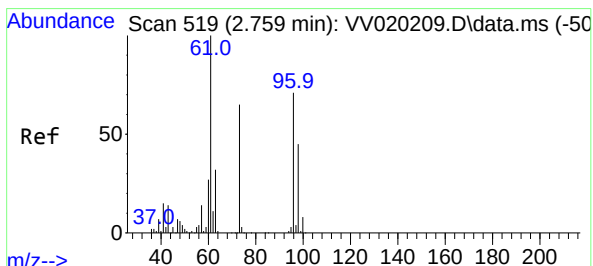
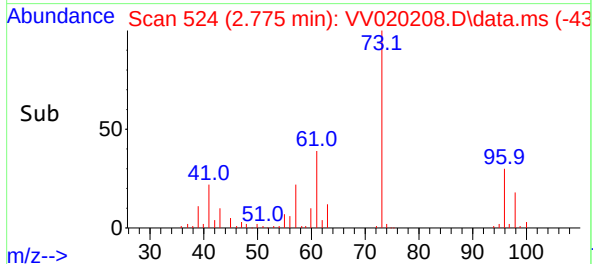
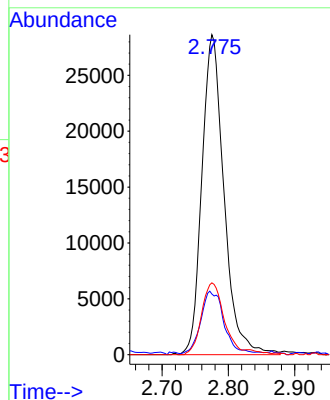
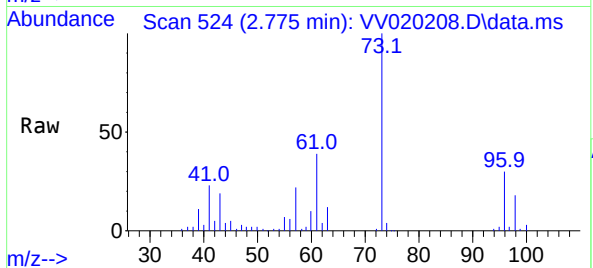


#17
Methyl tert-butyl Ether
Concen: 1.00 ug/L
RT: 2.775 min Scan# 524
Delta R.T. 0.000 min
Lab File: VV020208.D
Acq: 28 Jan 2021 10:10

Instrument :
MSVOA_V
ClientSampleId :
VSTD001703

Tgt Ion: 73 Resp: 66239

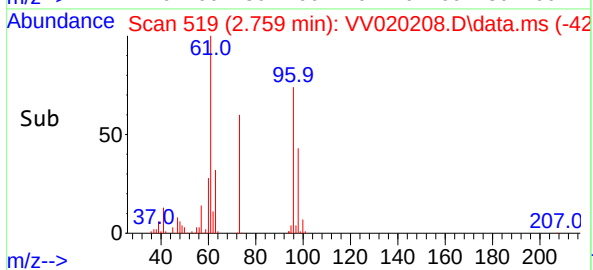
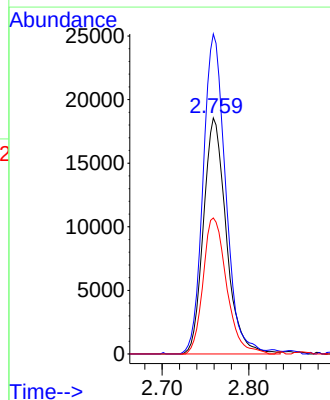
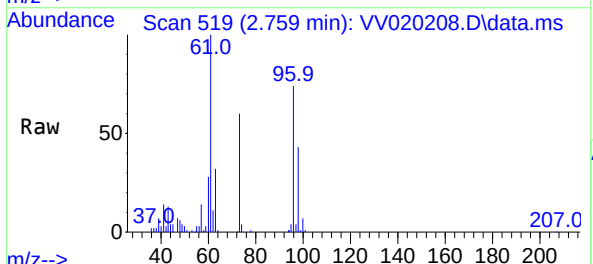
Ion	Ratio	Lower	Upper
73	100		
43	20.1	17.0	25.6
57	22.7	18.2	27.4

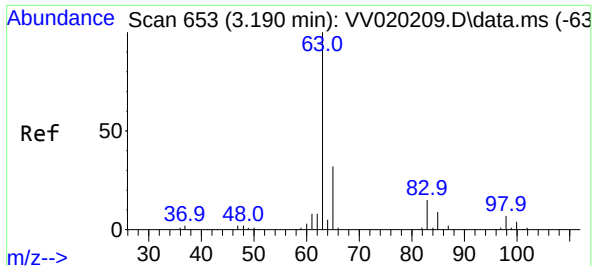


#18
trans-1,2-Dichloroethene
Concen: 1.06 ug/L
RT: 2.759 min Scan# 519
Delta R.T. 0.000 min
Lab File: VV020208.D
Acq: 28 Jan 2021 10:10

Tgt Ion: 96 Resp: 33961

Ion	Ratio	Lower	Upper
96	100		
61	135.6	106.3	197.3
98	57.6	44.7	82.9



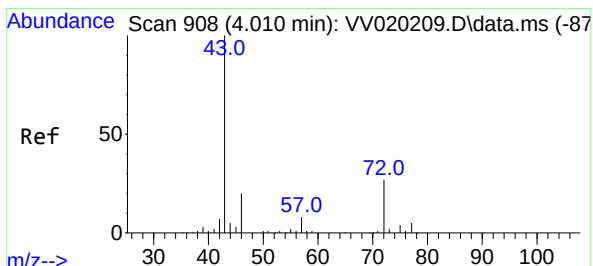
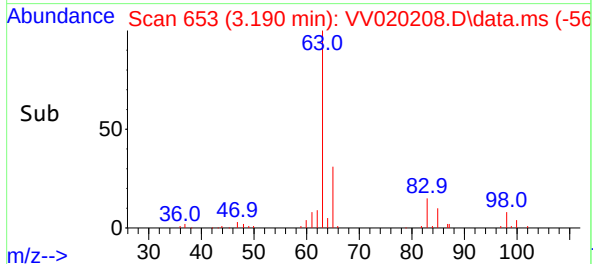
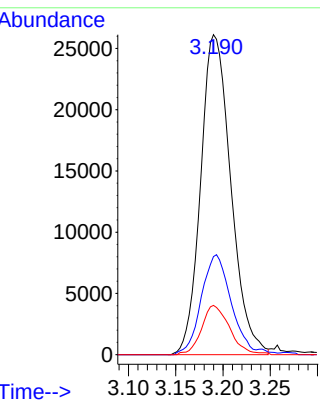
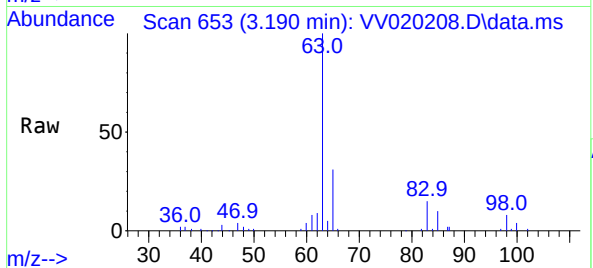


#19
1,1-Dichloroethane
Concen: 1.02 ug/L
RT: 3.190 min Scan# 653
Delta R.T. 0.000 min
Lab File: VV020208.D
Acq: 28 Jan 2021 10:10

Instrument :
MSVOA_V
ClientSampleId :
VSTD001703

Tgt Ion: 63 Resp: 58075

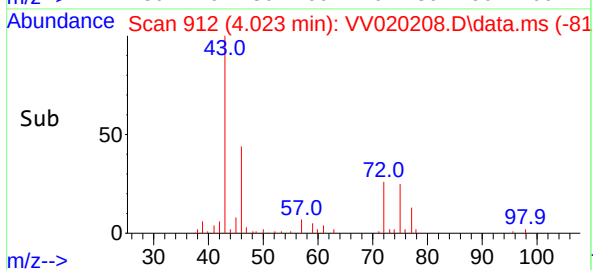
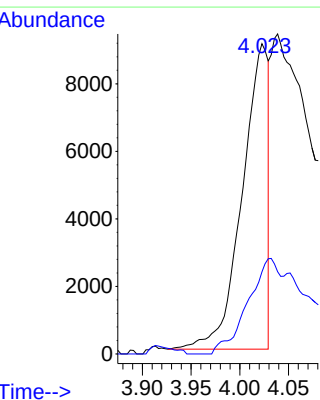
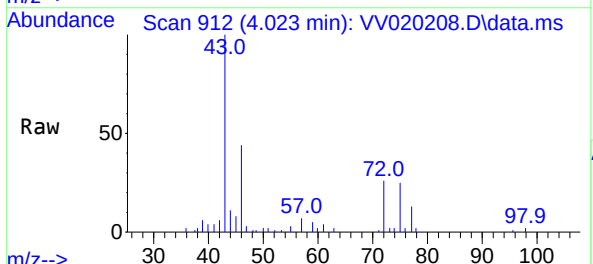
Ion	Ratio	Lower	Upper
63	100		
65	30.7	21.8	40.6
83	15.4	9.0	16.8

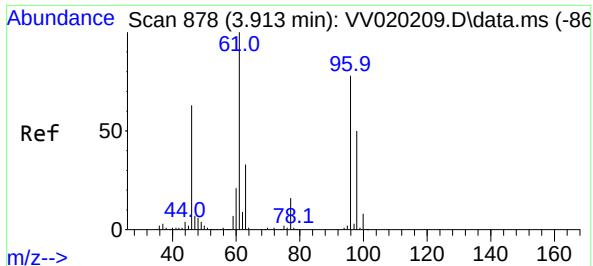


#21
2-Butanone
Concen: 2.47 ug/L
RT: 4.023 min Scan# 912
Delta R.T. 0.013 min
Lab File: VV020208.D
Acq: 28 Jan 2021 10:10

Tgt Ion: 43 Resp: 16781

Ion	Ratio	Lower	Upper
43	100		
72	40.2	10.9	32.7#



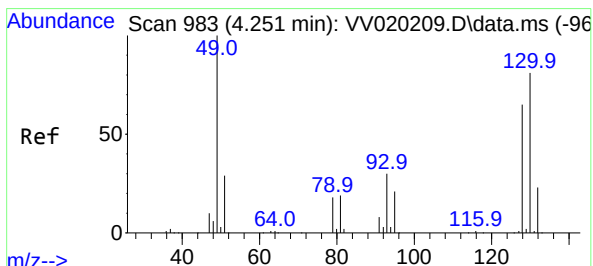
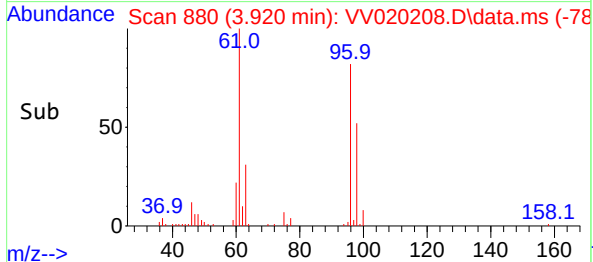
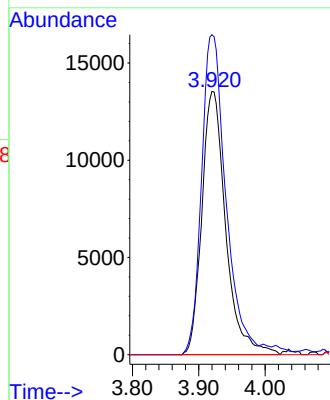
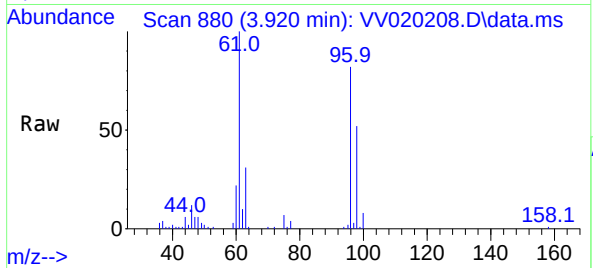


#22
 cis-1,2-Dichloroethene
 Concen: 1.03 ug/L
 RT: 3.920 min Scan# 880
 Delta R.T. 0.006 min
 Lab File: VV020208.D
 Acq: 28 Jan 2021 10:10

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001703

Tgt Ion: 96 Resp: 33818

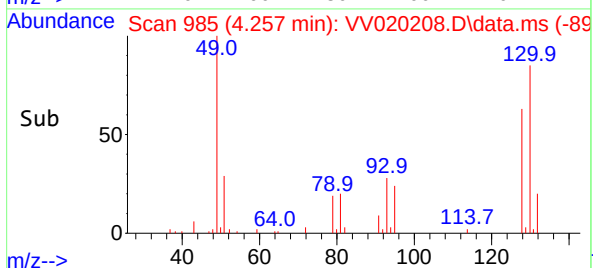
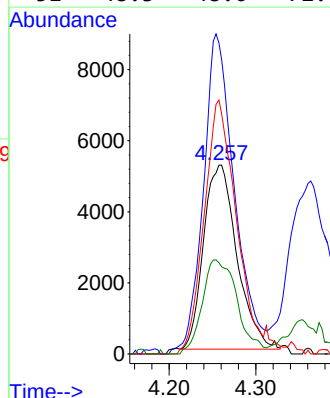
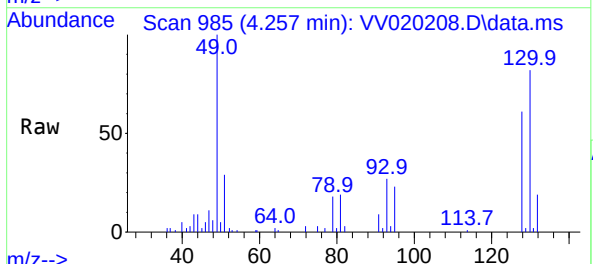
Ion	Ratio	Lower	Upper
96	100		
61	121.6	98.1	182.3
68	0.0	0.0	0.0

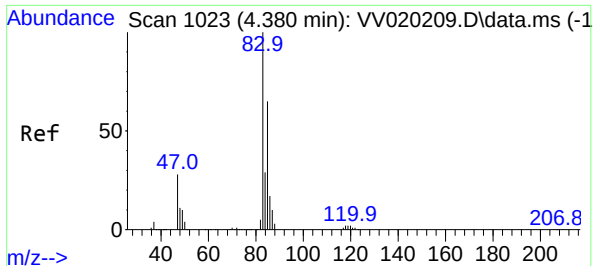


#23
 Bromochloromethane
 Concen: 0.97 ug/L
 RT: 4.257 min Scan# 985
 Delta R.T. 0.006 min
 Lab File: VV020208.D
 Acq: 28 Jan 2021 10:10

Tgt Ion:128 Resp: 13878

Ion	Ratio	Lower	Upper
128	100		
49	164.7	132.6	246.2
130	134.5	86.4	160.4
51	48.3	48.0	72.0

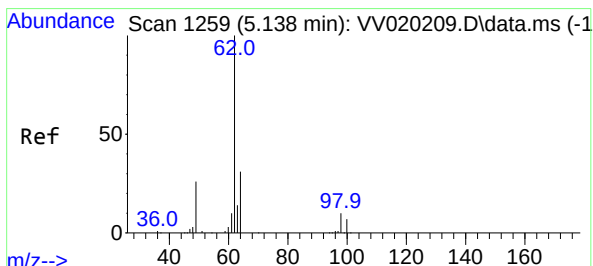
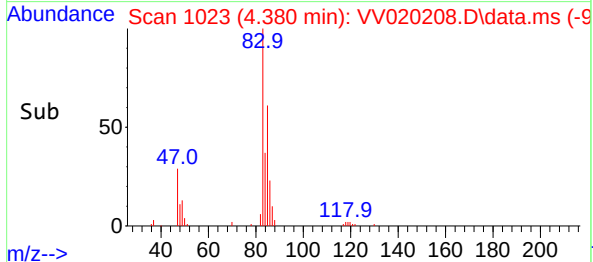
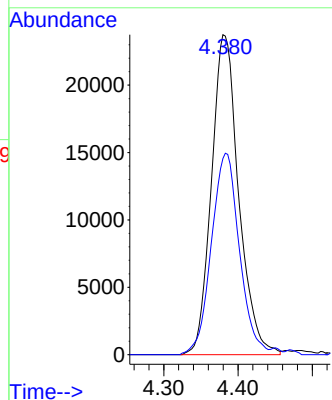
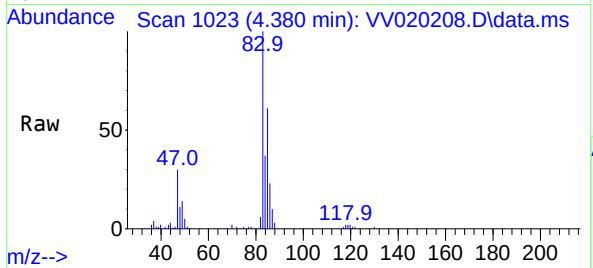




#25
Chloroform
Concen: 1.02 ug/L
RT: 4.380 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VV020208.D
Acq: 28 Jan 2021 10:10

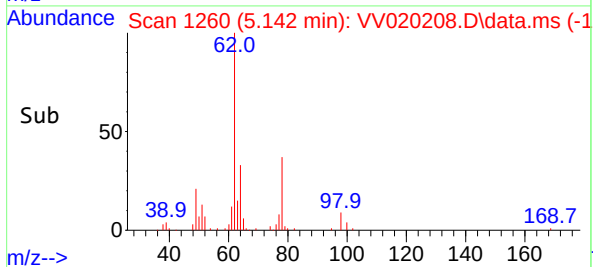
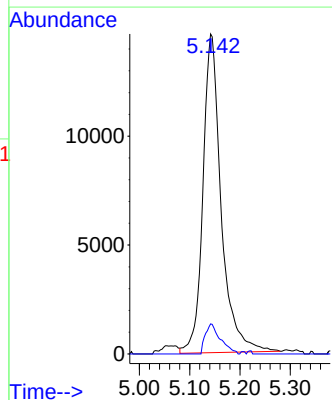
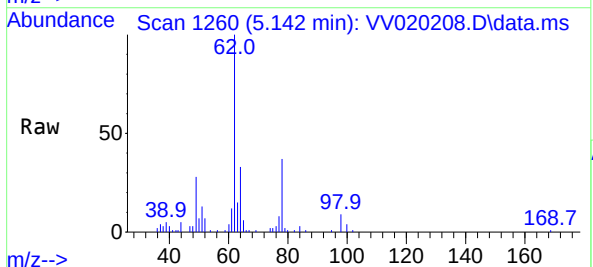
Instrument :
MSVOA_V
ClientSampled :
VSTD001703

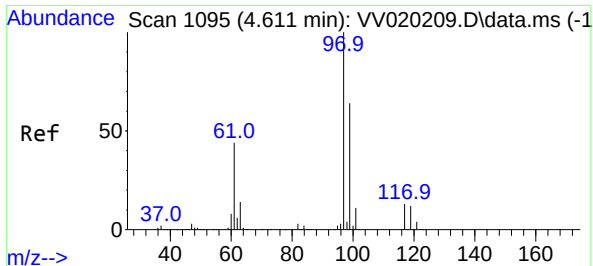
Tgt Ion: 83 Resp: 60521
Ion Ratio Lower Upper
83 100
85 61.3 46.4 86.2



#27
1,2-Dichloroethane
Concen: 1.05 ug/L
RT: 5.142 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VV020208.D
Acq: 28 Jan 2021 10:10

Tgt Ion: 62 Resp: 36923
Ion Ratio Lower Upper
62 100
98 9.4 7.6 11.4



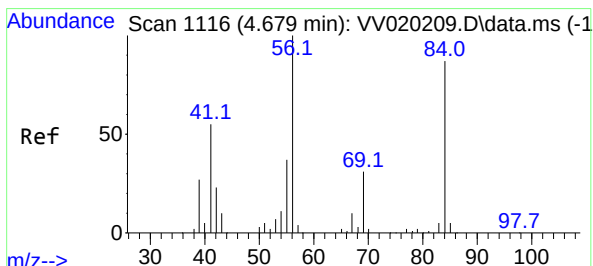
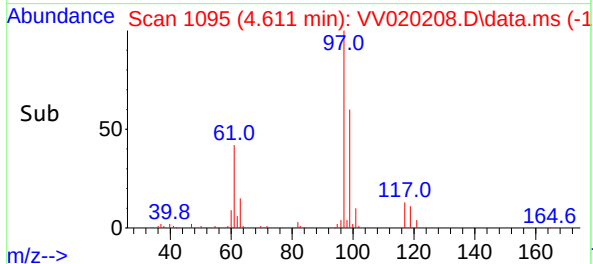
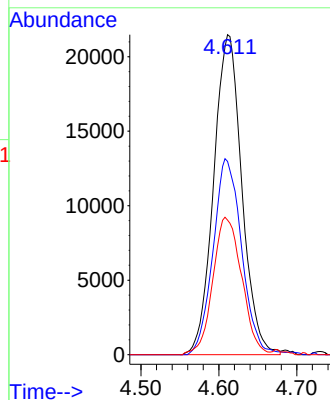
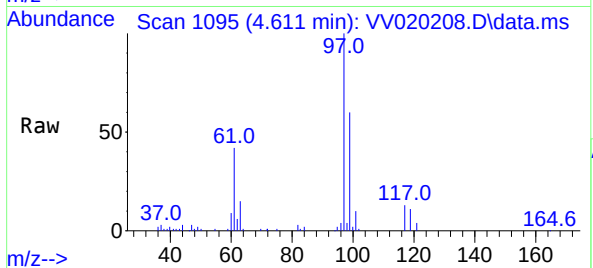


#29

1,1,1-Trichloroethane
Concen: 1.06 ug/L
RT: 4.611 min Scan# 1095
Delta R.T. 0.000 min
Lab File: VV020208.D
Acq: 28 Jan 2021 10:10

Instrument :
MSVOA_V
ClientSampleId :
VSTD001703

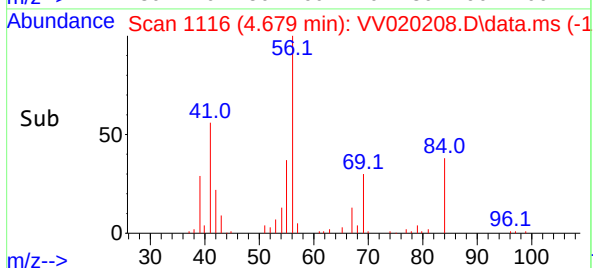
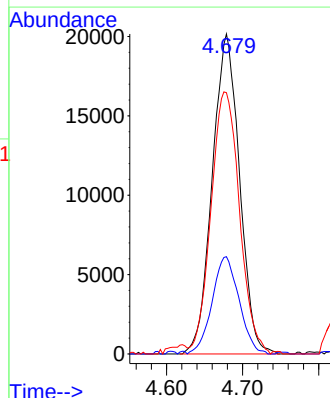
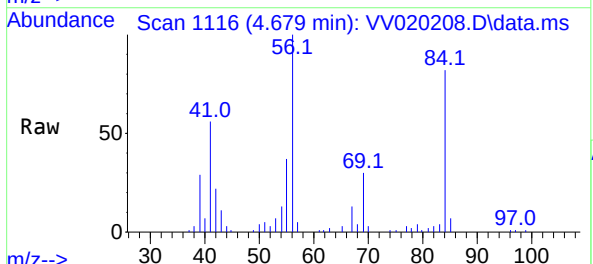
Tgt Ion:	97	Resp:	54085
Ion	Ratio	Lower	Upper
97	100		
99	62.0	51.1	76.7
61	43.9	38.6	57.8

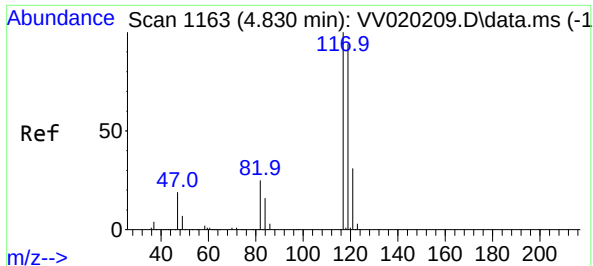


#30

Cyclohexane
Concen: 1.03 ug/L
RT: 4.679 min Scan# 1116
Delta R.T. 0.000 min
Lab File: VV020208.D
Acq: 28 Jan 2021 10:10

Tgt Ion:	56	Resp:	50120
Ion	Ratio	Lower	Upper
56	100		
69	30.1	24.1	36.1
84	85.9	66.8	100.2

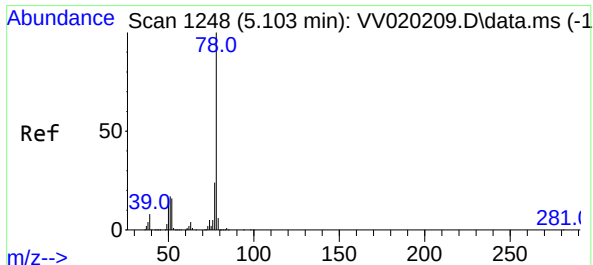
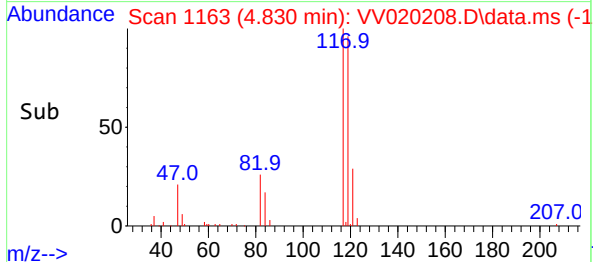
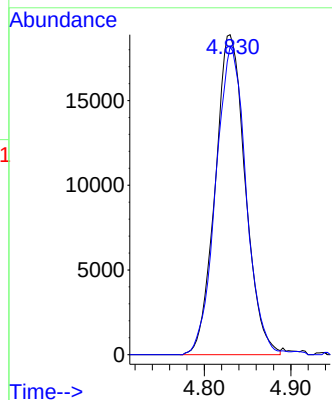
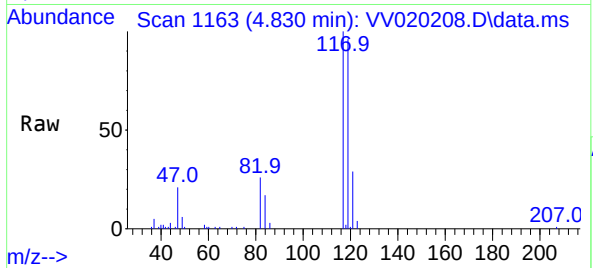




#31
Carbon tetrachloride
Concen: 1.02 ug/L
RT: 4.830 min Scan# 1163
Delta R.T. 0.000 min
Lab File: VV020208.D
Acq: 28 Jan 2021 10:10

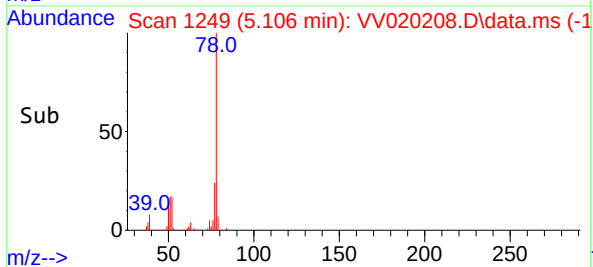
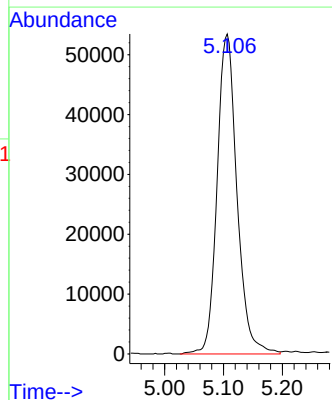
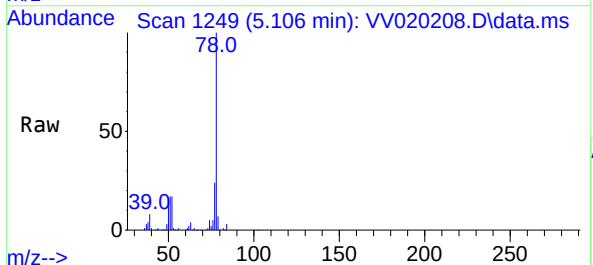
Instrument :
MSVOA_V
ClientSampleId :
VSTD001703

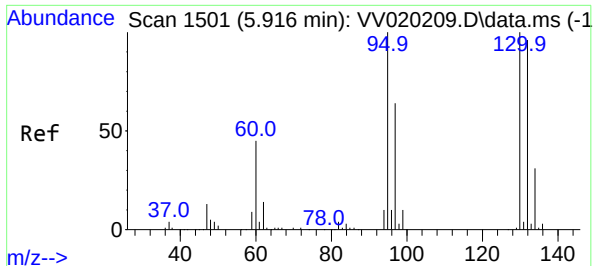
Tgt Ion:117 Resp: 45577
Ion Ratio Lower Upper
117 100
119 97.2 76.0 114.0



#33
Benzene
Concen: 1.04 ug/L
RT: 5.106 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VV020208.D
Acq: 28 Jan 2021 10:10

Tgt Ion: 78 Resp: 125618



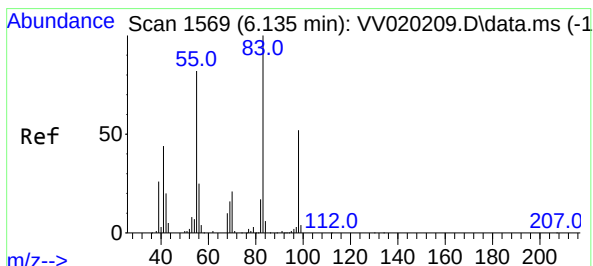
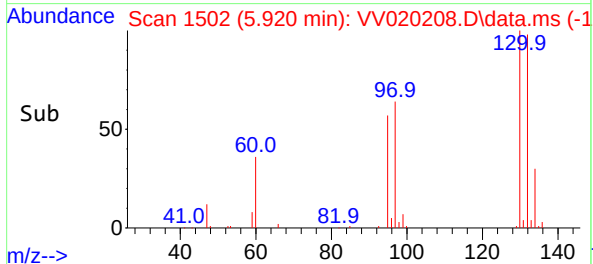
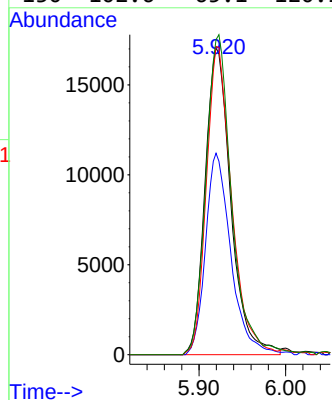
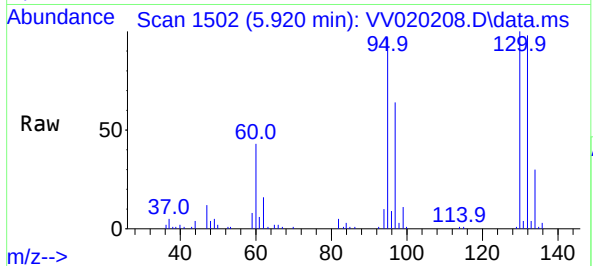


#34
Trichloroethene
Concen: 1.05 ug/L
RT: 5.920 min Scan# 1502
Delta R.T. 0.003 min
Lab File: VV020208.D
Acq: 28 Jan 2021 10:10

Instrument :
MSVOA_V
ClientSampleId :
VSTD001703

Tgt Ion: 95 Resp: 35232

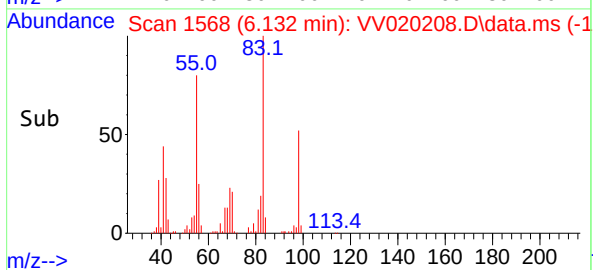
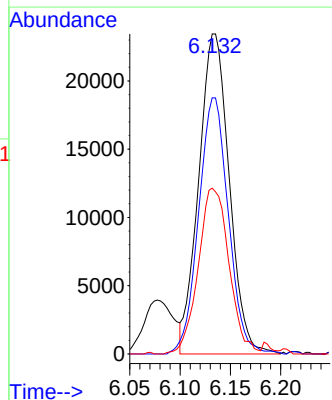
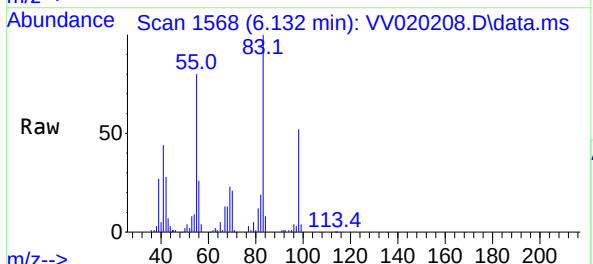
Ion	Ratio	Lower	Upper
95	100		
97	65.6	44.1	81.9
132	100.4	61.2	113.8
130	102.6	65.1	120.9

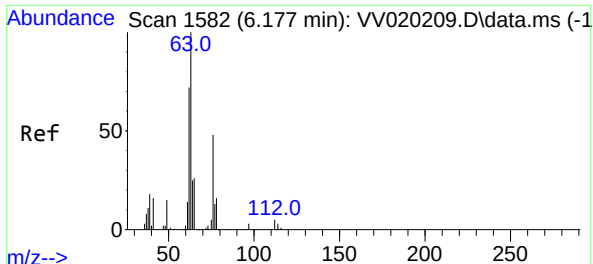


#35
Methylcyclohexane
Concen: 0.98 ug/L
RT: 6.132 min Scan# 1568
Delta R.T. -0.003 min
Lab File: VV020208.D
Acq: 28 Jan 2021 10:10

Tgt Ion: 83 Resp: 49473

Ion	Ratio	Lower	Upper
83	100		
55	78.2	67.5	101.3
98	52.2	38.6	58.0

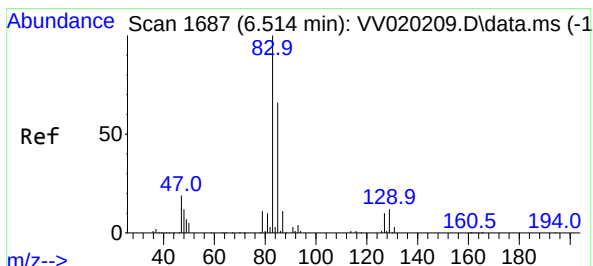
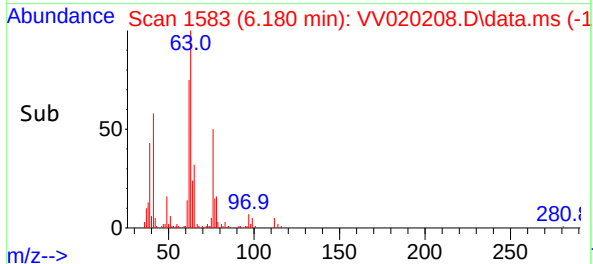
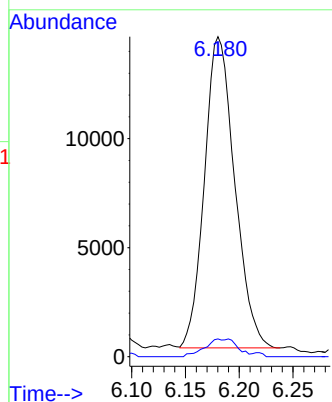
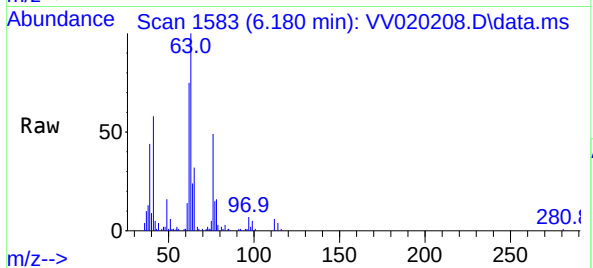




#37
1,2-Dichloropropane
Concen: 0.96 ug/L
RT: 6.180 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV020208.D
Acq: 28 Jan 2021 10:10

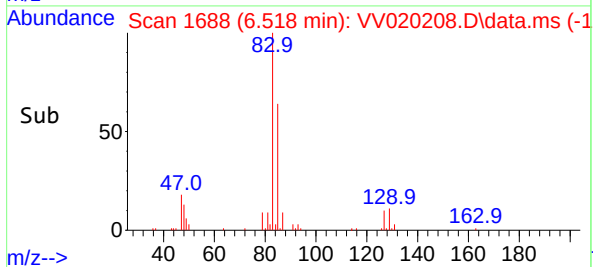
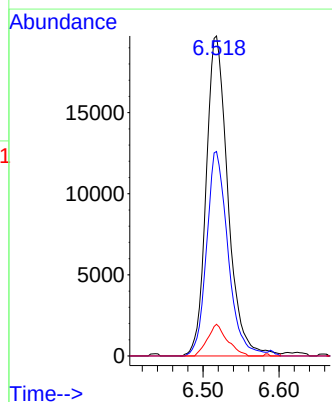
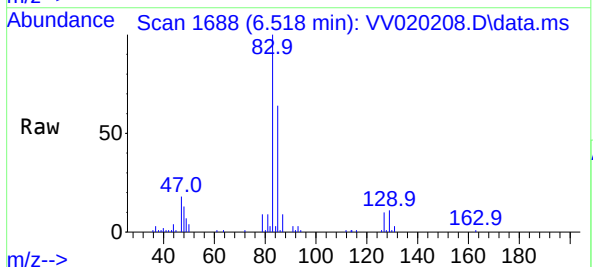
Instrument :
MSVOA_V
ClientSampleId :
VSTD001703

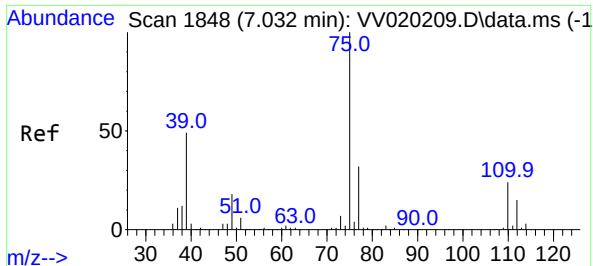
Tgt Ion: 63 Resp: 27983
Ion Ratio Lower Upper
63 100
112 6.1 3.6 5.4#



#38
Bromodichloromethane
Concen: 1.02 ug/L
RT: 6.518 min Scan# 1688
Delta R.T. 0.003 min
Lab File: VV020208.D
Acq: 28 Jan 2021 10:10

Tgt Ion: 83 Resp: 39162
Ion Ratio Lower Upper
83 100
85 63.9 45.9 85.3
127 9.9 6.2 9.2#

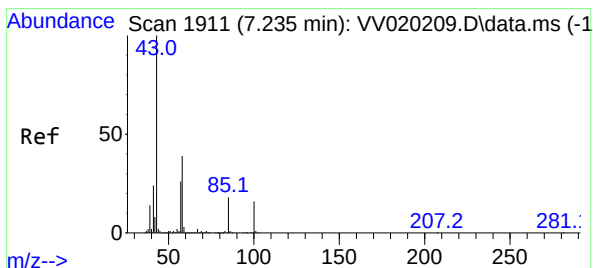
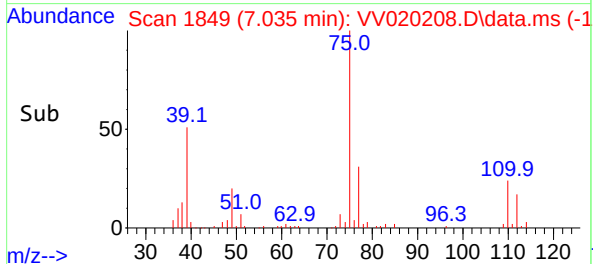
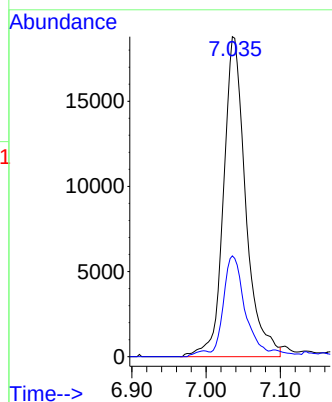
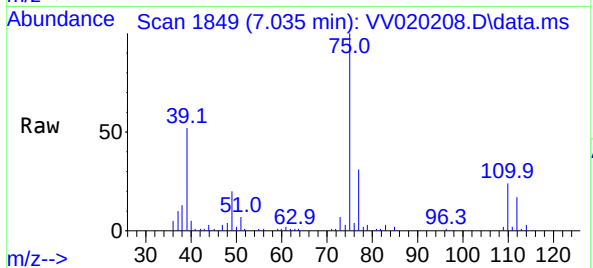




#39
cis-1,3-Dichloropropene
Concen: 0.96 ug/L
RT: 7.035 min Scan# 1849
Delta R.T. 0.003 min
Lab File: VV020208.D
Acq: 28 Jan 2021 10:10

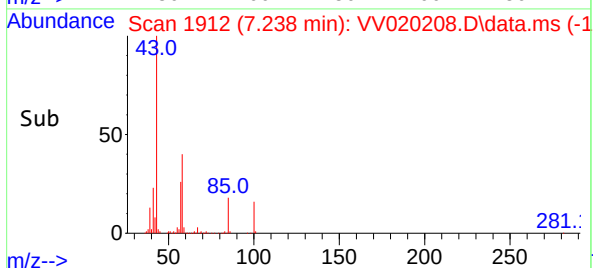
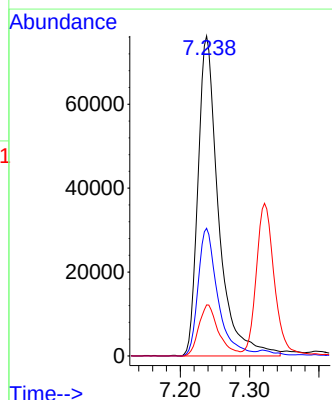
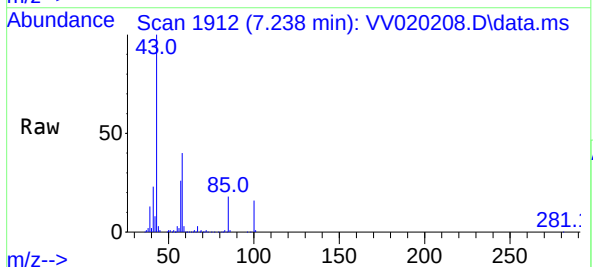
Instrument :
MSVOA_V
ClientSampleId :
VSTD001703

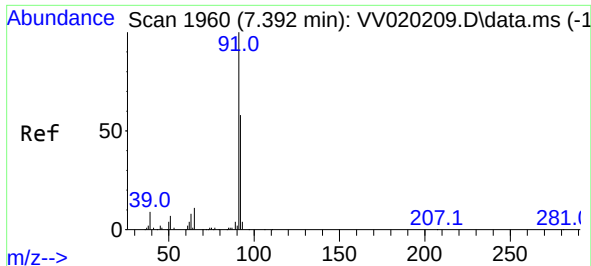
Tgt Ion: 75 Resp: 39007
Ion Ratio Lower Upper
75 100
77 31.5 21.0 39.0



#40
4-Methyl-2-pentanone
Concen: 9.65 ug/L
RT: 7.238 min Scan# 1912
Delta R.T. 0.003 min
Lab File: VV020208.D
Acq: 28 Jan 2021 10:10

Tgt Ion: 43 Resp: 156745
Ion Ratio Lower Upper
43 100
58 38.6 30.0 45.0
100 15.5 11.4 17.0

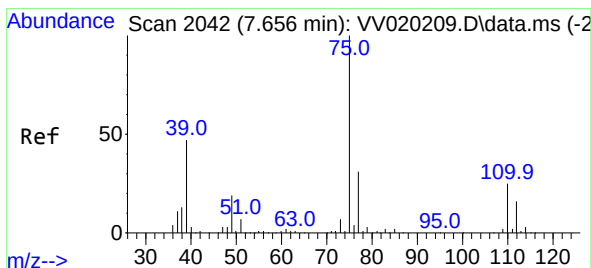
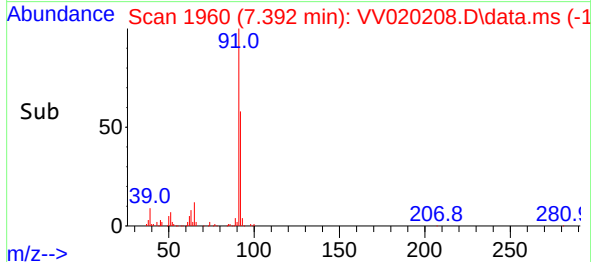
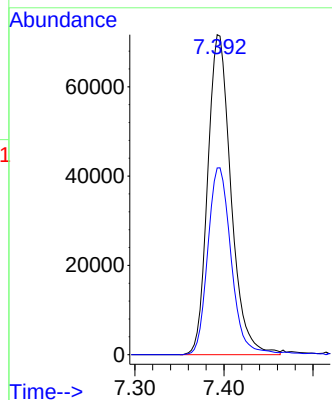
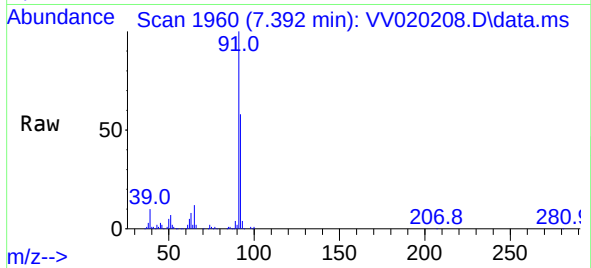




#42
Toluene
Concen: 1.01 ug/L
RT: 7.392 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VV020208.D
Acq: 28 Jan 2021 10:10

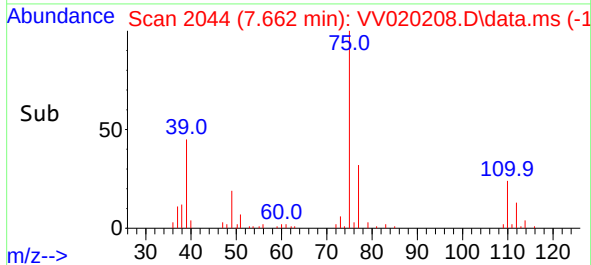
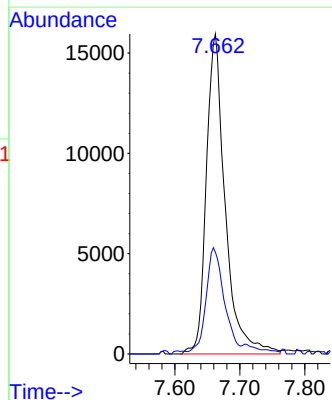
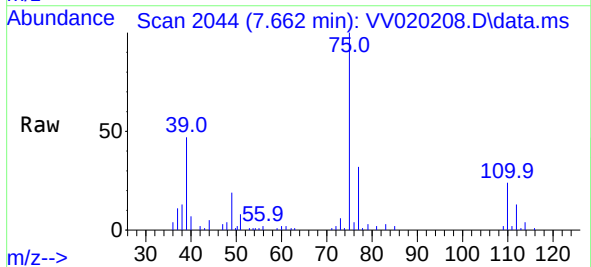
Instrument :
MSVOA_V
ClientSampleId :
VSTD001703

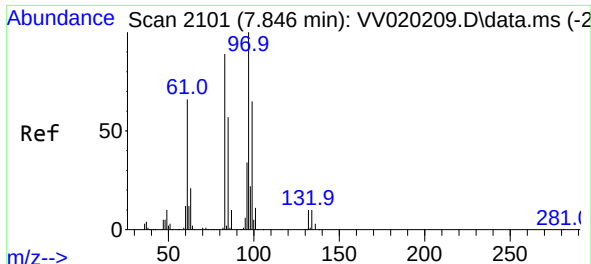
Tgt Ion: 91 Resp: 129957
Ion Ratio Lower Upper
91 100
92 58.4 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 0.94 ug/L
RT: 7.662 min Scan# 2044
Delta R.T. 0.006 min
Lab File: VV020208.D
Acq: 28 Jan 2021 10:10

Tgt Ion: 75 Resp: 32273
Ion Ratio Lower Upper
75 100
77 31.8 21.1 39.3



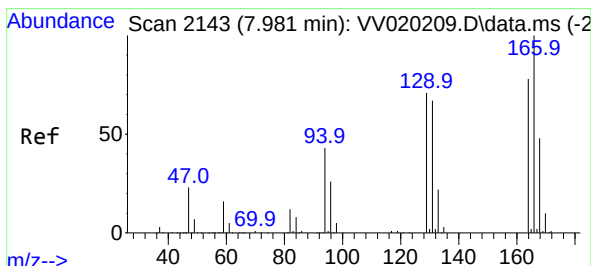
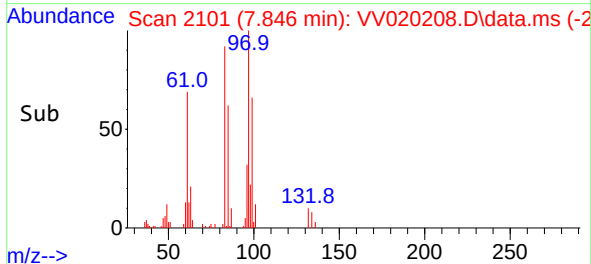
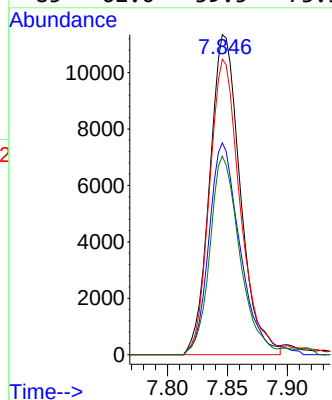
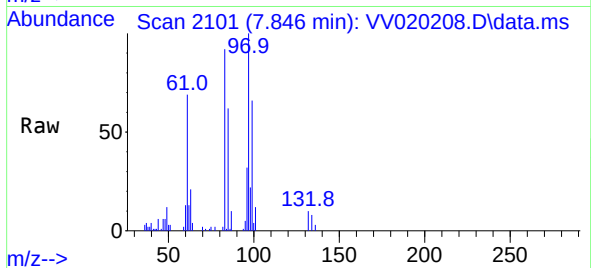


#45
1,1,2-Trichloroethane
Concen: 0.98 ug/L
RT: 7.846 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VV020208.D
Acq: 28 Jan 2021 10:10

Instrument :
MSVOA_V
ClientSampleId :
VSTD001703

Tgt Ion: 97 Resp: 20115

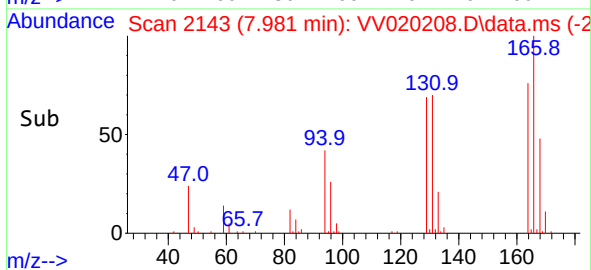
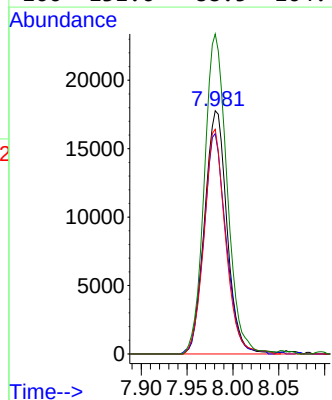
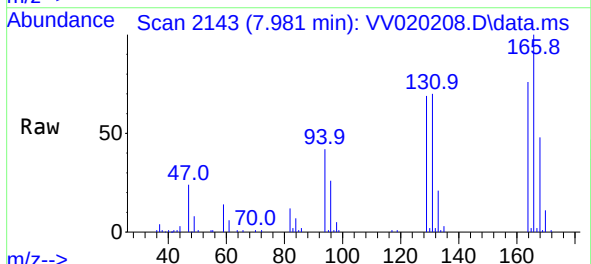
Ion	Ratio	Lower	Upper
97	100		
99	66.2	42.4	78.8
83	92.3	59.4	110.4
85	62.0	39.5	73.3

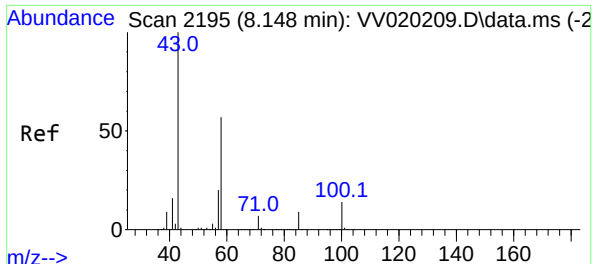


#47
Tetrachloroethene
Concen: 1.06 ug/L
RT: 7.981 min Scan# 2143
Delta R.T. 0.000 min
Lab File: VV020208.D
Acq: 28 Jan 2021 10:10

Tgt Ion: 164 Resp: 30344

Ion	Ratio	Lower	Upper
164	100		
129	90.6	72.1	133.9
131	92.4	68.9	127.9
166	131.6	88.5	164.4



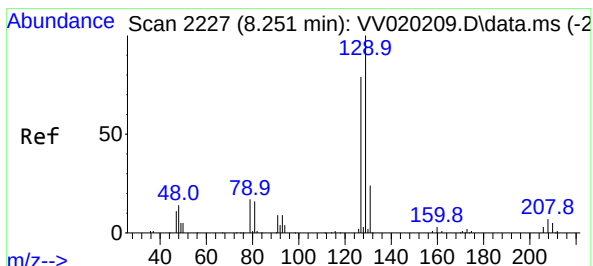
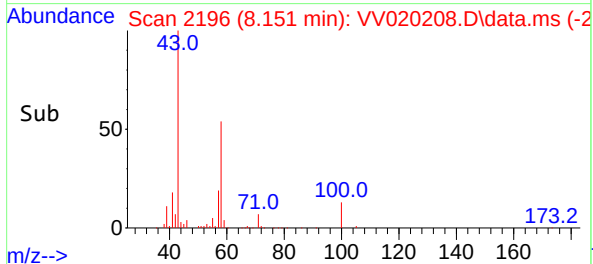
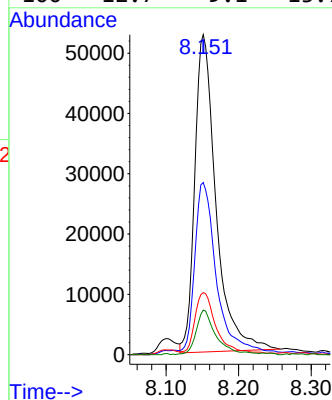
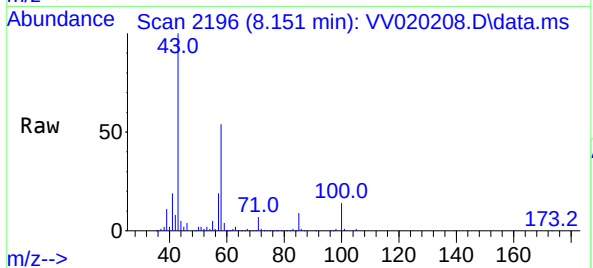


#48
2-Hexanone
Concen: 9.49 ug/L
RT: 8.151 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VV020208.D
Acq: 28 Jan 2021 10:10

Instrument :
MSVOA_V
ClientSampleId :
VSTD001703

Tgt Ion: 43 Resp: 107153

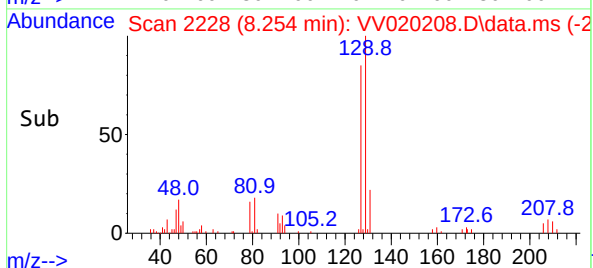
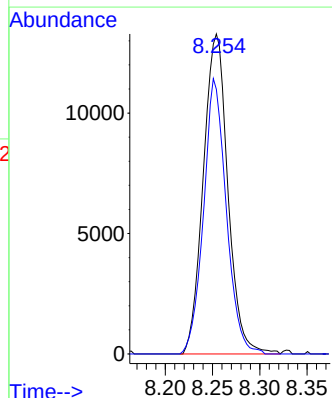
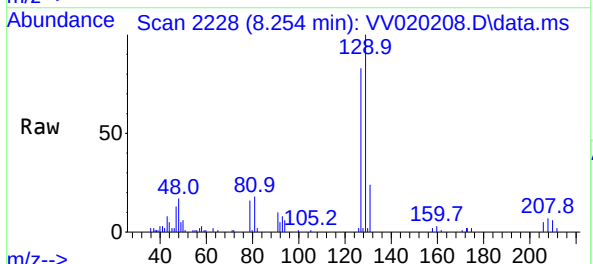
Ion	Ratio	Lower	Upper
43	100		
58	54.6	42.4	63.6
57	18.3	14.8	22.2
100	12.7	9.1	13.7

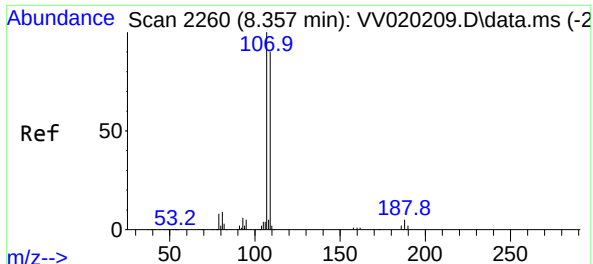


#49
Dibromochloromethane
Concen: 0.98 ug/L
RT: 8.254 min Scan# 2228
Delta R.T. 0.003 min
Lab File: VV020208.D
Acq: 28 Jan 2021 10:10

Tgt Ion: 129 Resp: 24043

Ion	Ratio	Lower	Upper
129	100		
127	82.7	55.0	102.2



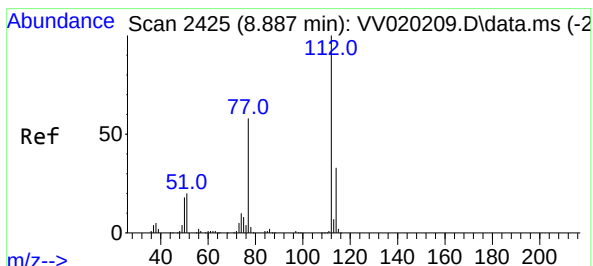
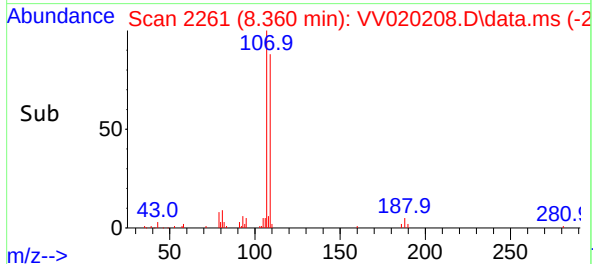
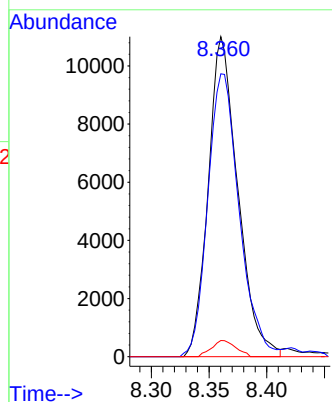
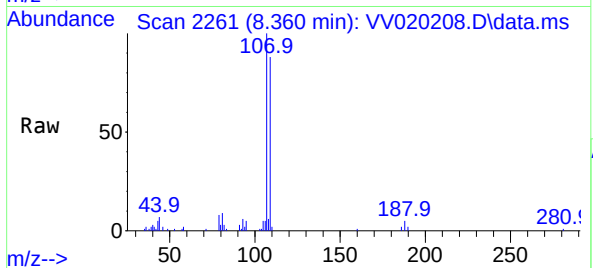


#50
1,2-Dibromoethane
Concen: 1.00 ug/L
RT: 8.360 min Scan# 2261
Delta R.T. 0.003 min
Lab File: VV020208.D
Acq: 28 Jan 2021 10:10

Instrument :
MSVOA_V
ClientSampleId :
VSTD001703

Tgt Ion:107 Resp: 19616

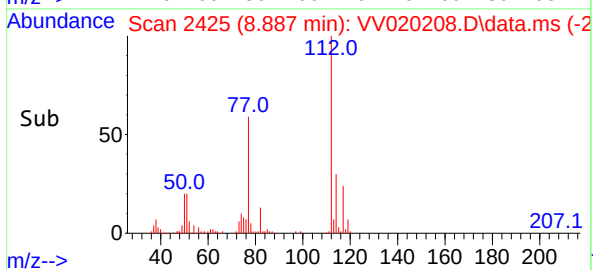
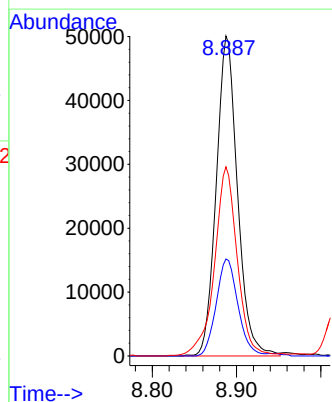
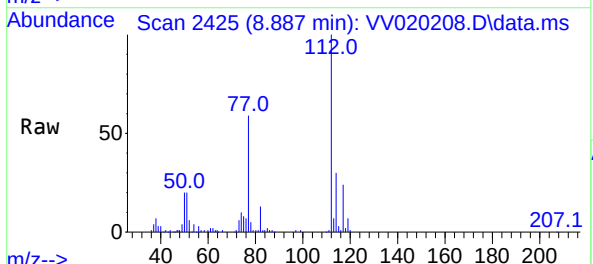
Ion	Ratio	Lower	Upper
107	100		
109	88.4	63.8	118.4
188	5.1	2.5	3.7#

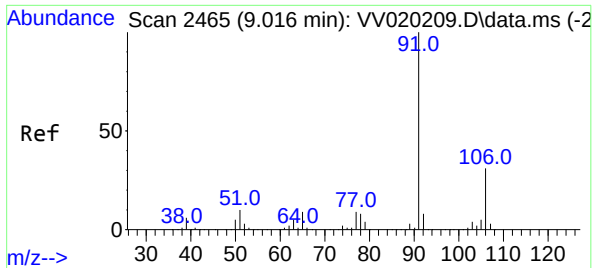


#51
Chlorobenzene
Concen: 1.03 ug/L
RT: 8.887 min Scan# 2425
Delta R.T. 0.000 min
Lab File: VV020208.D
Acq: 28 Jan 2021 10:10

Tgt Ion:112 Resp: 87625

Ion	Ratio	Lower	Upper
112	100		
114	30.3	21.8	40.6
77	59.1	51.0	76.4

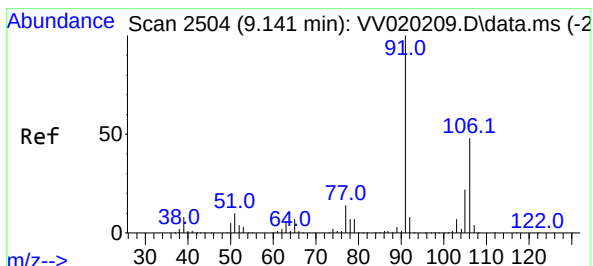
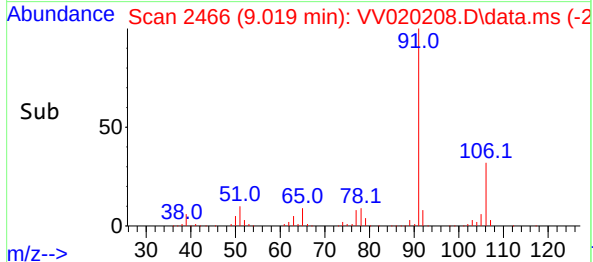
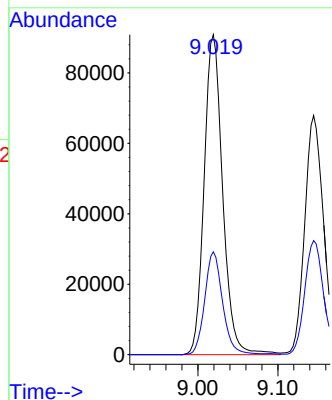
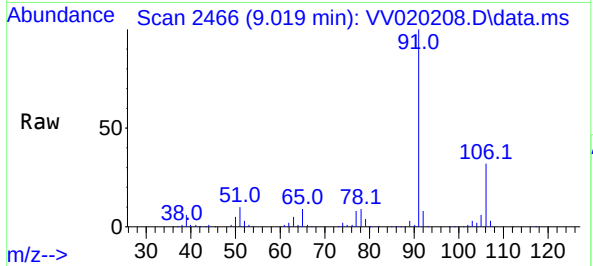




#52
Ethylbenzene
Concen: 1.02 ug/L
RT: 9.019 min Scan# 2466
Delta R.T. 0.003 min
Lab File: VV020208.D
Acq: 28 Jan 2021 10:10

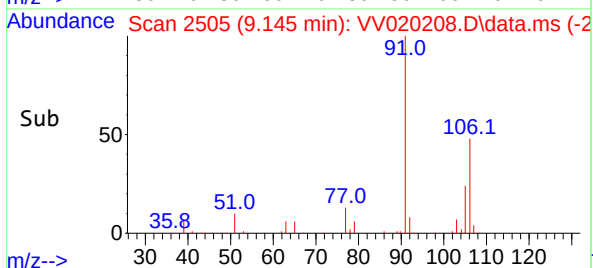
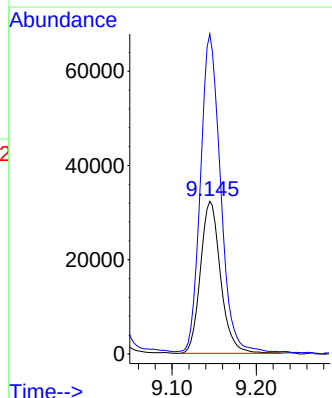
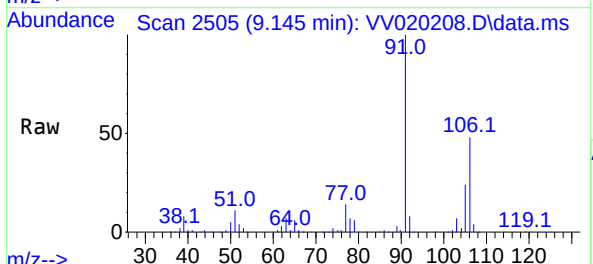
Instrument :
MSVOA_V
ClientSampled :
VSTD001703

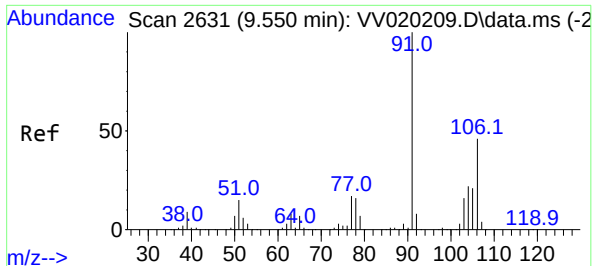
Tgt Ion: 91 Resp: 146484
Ion Ratio Lower Upper
91 100
106 32.1 20.9 38.7



#53
m,p-xylene
Concen: 1.00 ug/L
RT: 9.145 min Scan# 2505
Delta R.T. 0.003 min
Lab File: VV020208.D
Acq: 28 Jan 2021 10:10

Tgt Ion: 106 Resp: 53698
Ion Ratio Lower Upper
106 100
91 209.6 147.1 273.1

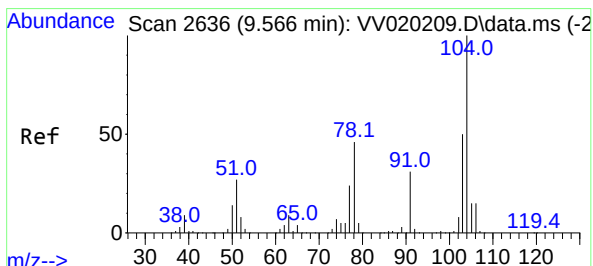
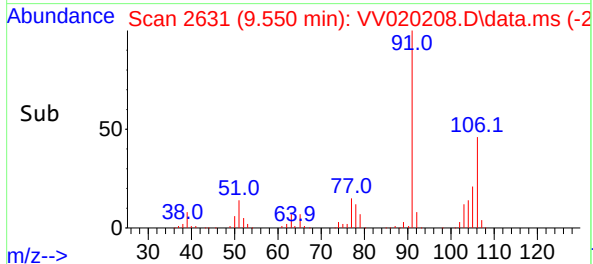
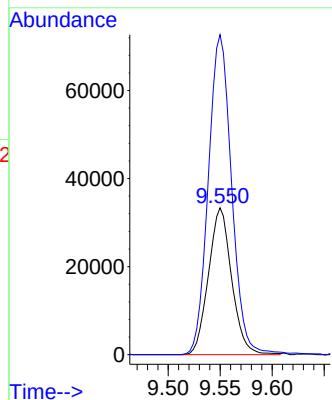
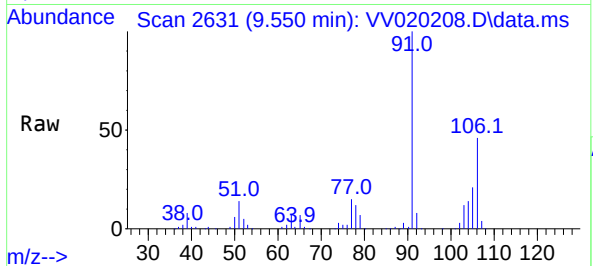




#54
o-xylene
Concen: 1.00 ug/L
RT: 9.550 min Scan# 2631
Delta R.T. 0.000 min
Lab File: VV020208.D
Acq: 28 Jan 2021 10:10

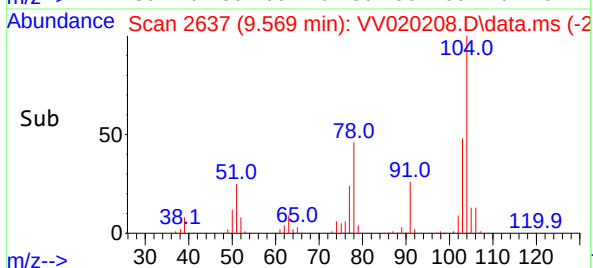
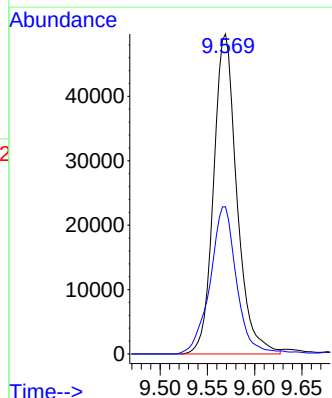
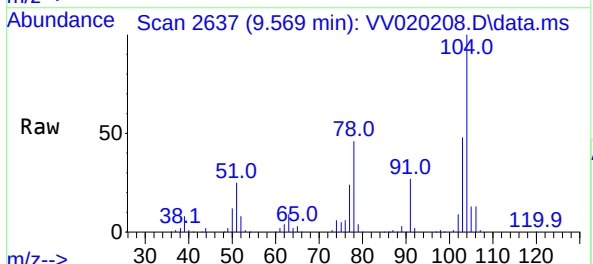
Instrument :
MSVOA_V
ClientSampled :
VSTD001703

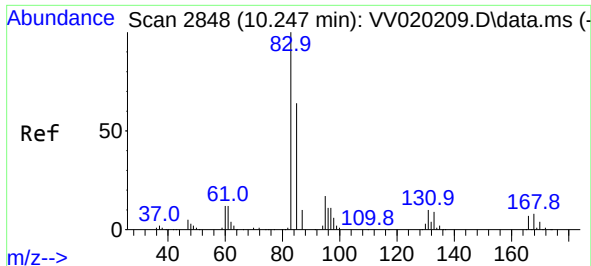
Tgt Ion:106 Resp: 51726
Ion Ratio Lower Upper
106 100
91 217.8 155.8 289.3



#55
Styrene
Concen: 0.97 ug/L
RT: 9.569 min Scan# 2637
Delta R.T. 0.003 min
Lab File: VV020208.D
Acq: 28 Jan 2021 10:10

Tgt Ion:104 Resp: 85154
Ion Ratio Lower Upper
104 100
78 46.0 33.7 62.7

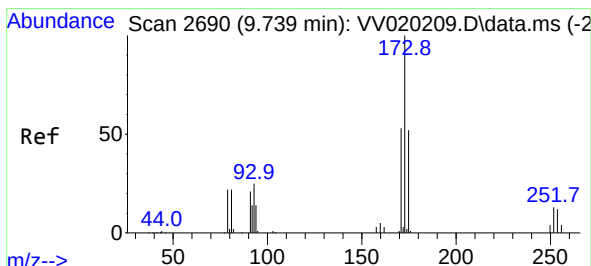
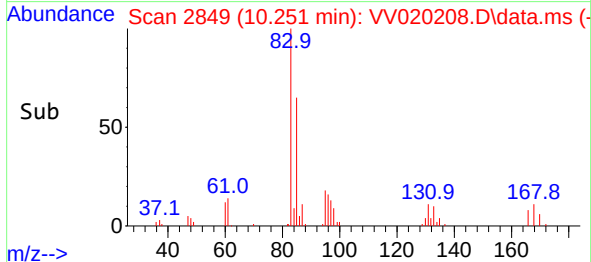
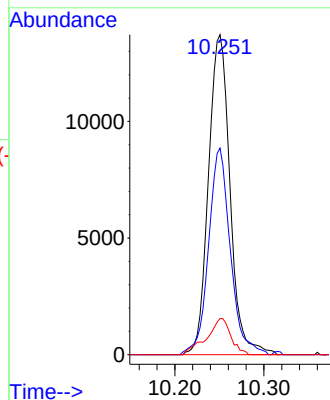
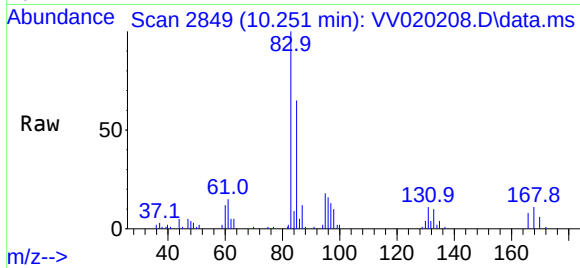




#57
1,1,2,2-Tetrachloroethane
Concen: 1.06 ug/L
RT: 10.251 min Scan# 2849
Delta R.T. 0.003 min
Lab File: VV020208.D
Acq: 28 Jan 2021 10:10

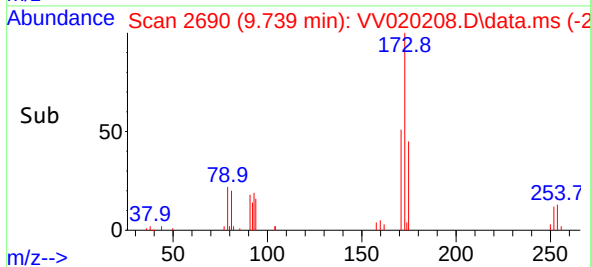
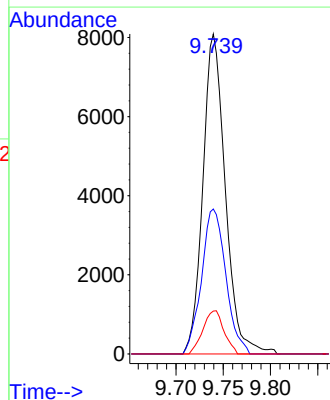
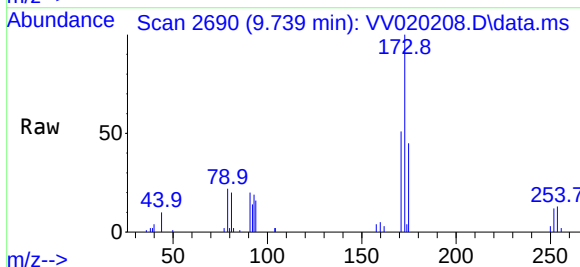
Instrument :
MSVOA_V
ClientSampleId :
VSTD001703

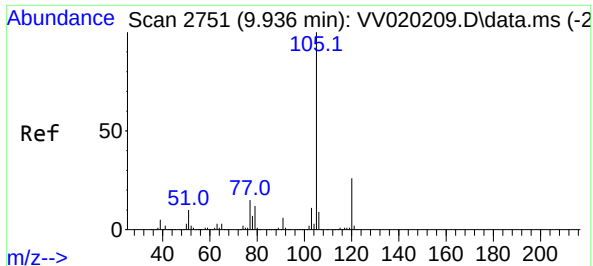
Tgt Ion: 83 Resp: 23054
Ion Ratio Lower Upper
83 100
85 64.5 44.3 82.3
131 11.3 7.4 11.2#



#59
Bromoform
Concen: 0.99 ug/L
RT: 9.739 min Scan# 2690
Delta R.T. 0.000 min
Lab File: VV020208.D
Acq: 28 Jan 2021 10:10

Tgt Ion:173 Resp: 13362
Ion Ratio Lower Upper
173 100
175 48.9 38.3 57.5
254 12.6 6.4 9.6#



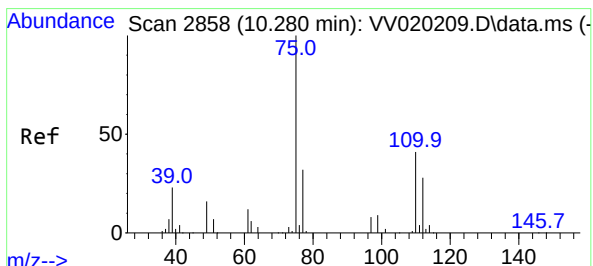
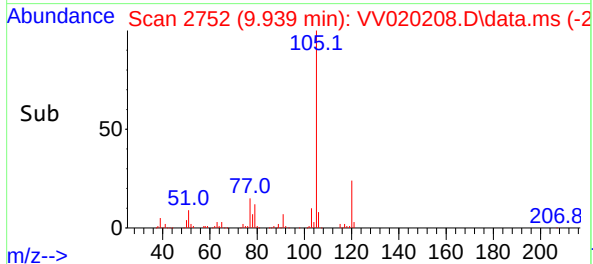
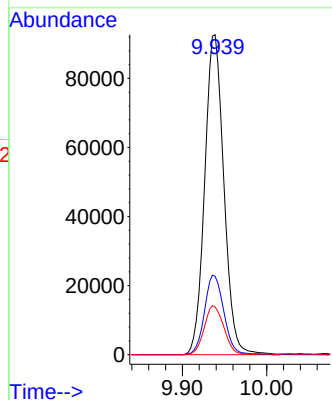
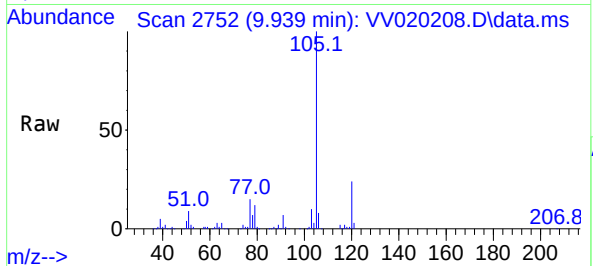


#60
Isopropylbenzene
Concen: 1.06 ug/L
RT: 9.939 min Scan# 2752
Delta R.T. 0.003 min
Lab File: VV020208.D
Acq: 28 Jan 2021 10:10

Instrument :
MSVOA_V
ClientSampleId :
VSTD001703

Tgt Ion:105 Resp: 146911

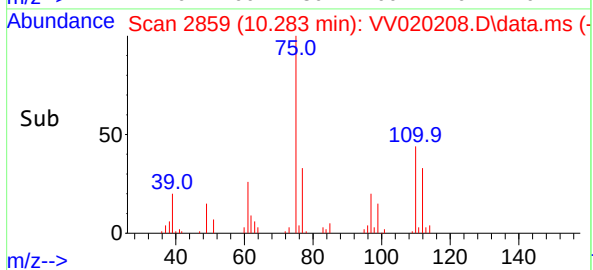
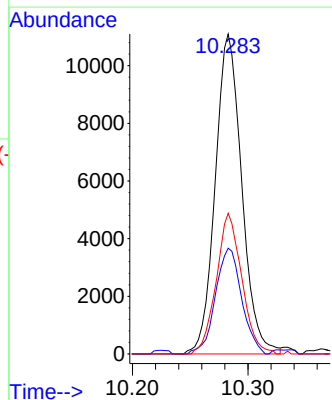
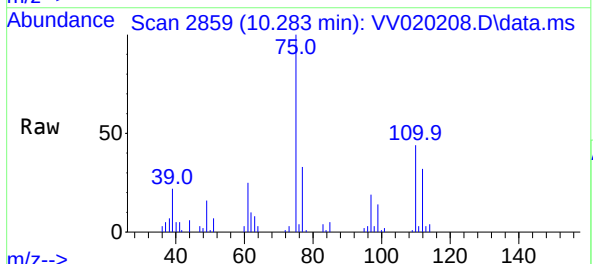
Ion	Ratio	Lower	Upper
105	100		
120	25.1	20.4	30.6
77	15.6	13.7	20.5

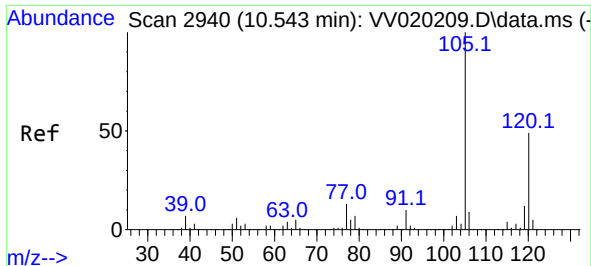


#61
1,2,3-Trichloropropane
Concen: 1.08 ug/L
RT: 10.283 min Scan# 2859
Delta R.T. 0.003 min
Lab File: VV020208.D
Acq: 28 Jan 2021 10:10

Tgt Ion: 75 Resp: 17684

Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.6	38.4
110	42.3	30.5	45.7

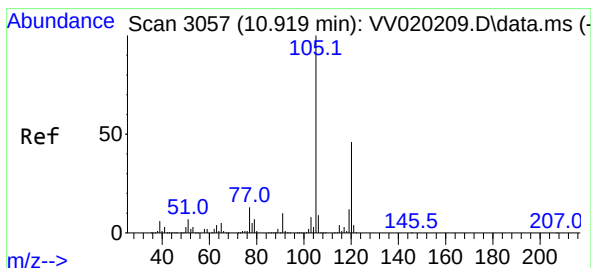
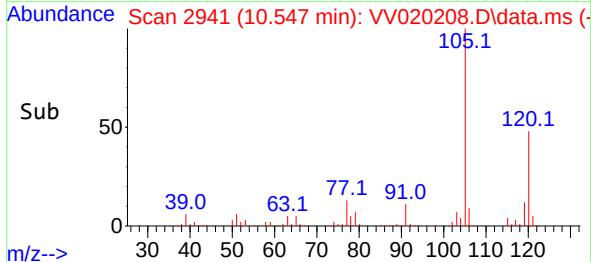
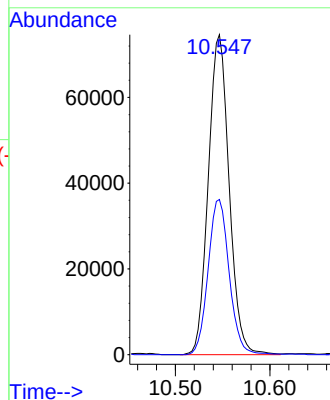
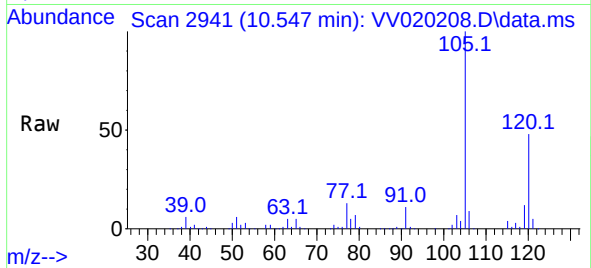




#62
1,3,5-Trimethylbenzene
Concen: 0.99 ug/L
RT: 10.547 min Scan# 2941
Delta R.T. 0.003 min
Lab File: VV020208.D
Acq: 28 Jan 2021 10:10

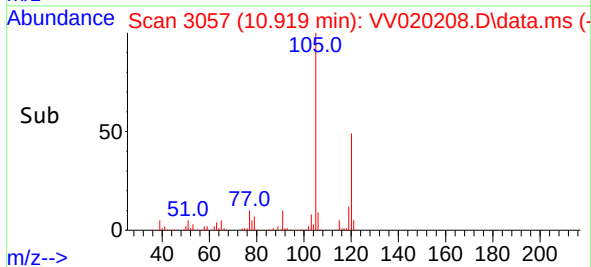
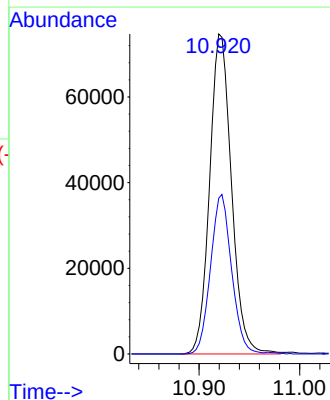
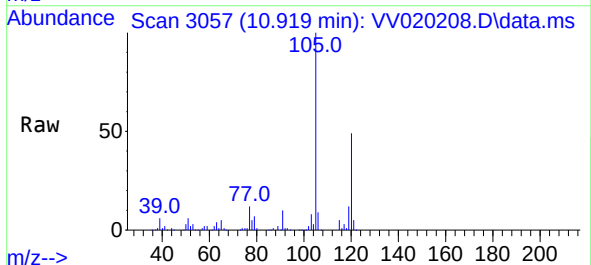
Tgt Ion:105 Resp: 114191
Ion Ratio Lower Upper
105 100
120 49.2 37.8 56.6

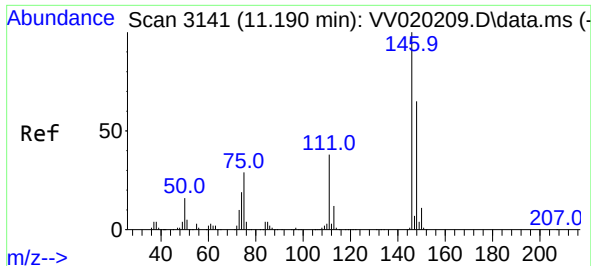
Instrument :
MSVOA_V
ClientSampleId :
VSTD001703



#63
1,2,4-Trimethylbenzene
Concen: 0.96 ug/L
RT: 10.919 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VV020208.D
Acq: 28 Jan 2021 10:10

Tgt Ion:105 Resp: 112717
Ion Ratio Lower Upper
105 100
120 48.0 34.9 52.3

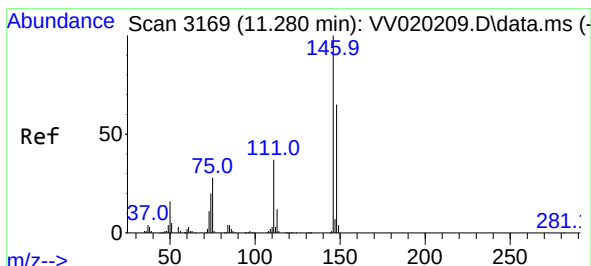
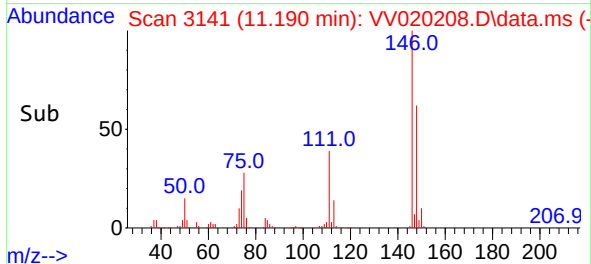
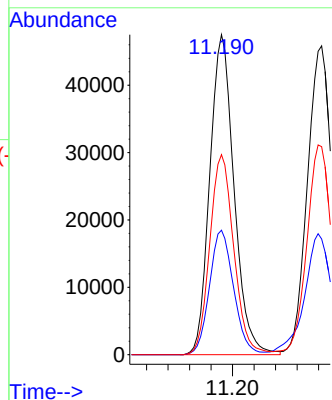
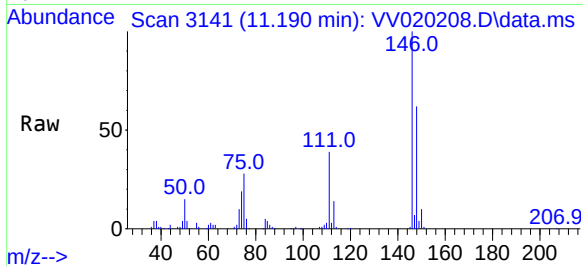




#64
1,3-Dichlorobenzene
Concen: 1.03 ug/L
RT: 11.190 min Scan# 3141
Delta R.T. 0.000 min
Lab File: VV020208.D
Acq: 28 Jan 2021 10:10

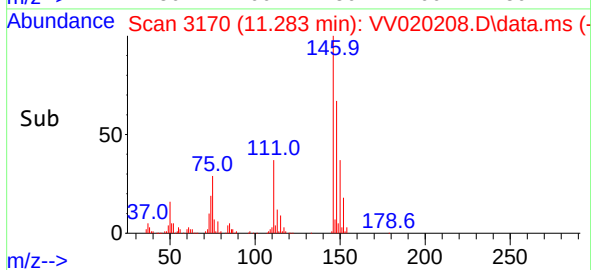
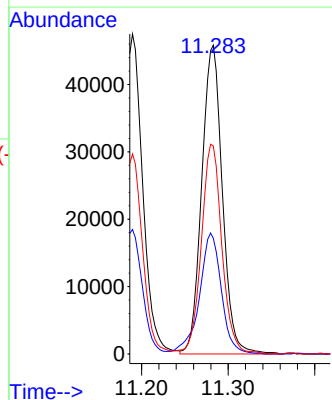
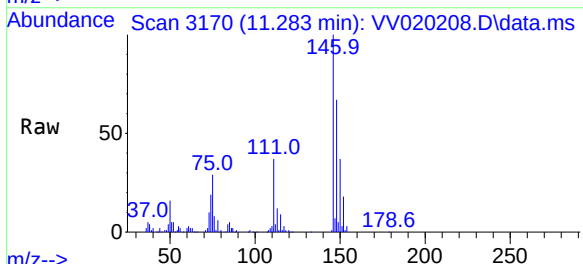
Instrument :
MSVOA_V
ClientSampleId :
VSTD001703

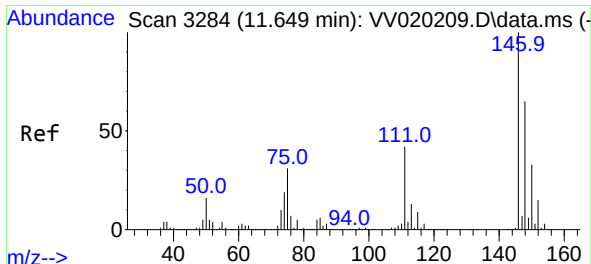
Tgt Ion:	146	Resp:	74452
Ion	Ratio	Lower	Upper
146	100		
111	38.9	30.4	56.5
148	62.5	45.8	85.2



#65
1,4-Dichlorobenzene
Concen: 1.03 ug/L
RT: 11.283 min Scan# 3170
Delta R.T. 0.003 min
Lab File: VV020208.D
Acq: 28 Jan 2021 10:10

Tgt Ion:	146	Resp:	75809
Ion	Ratio	Lower	Upper
146	100		
111	37.5	29.7	55.1
148	67.4	45.1	83.7

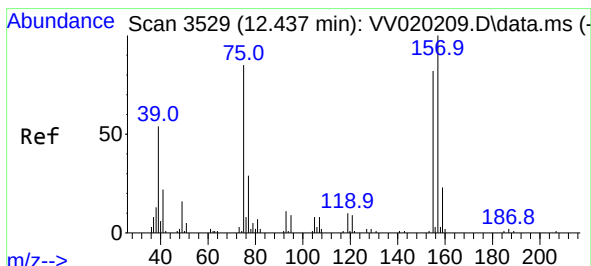
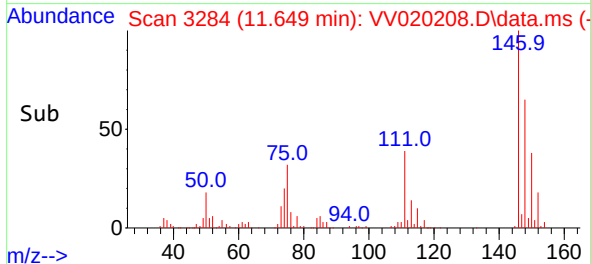
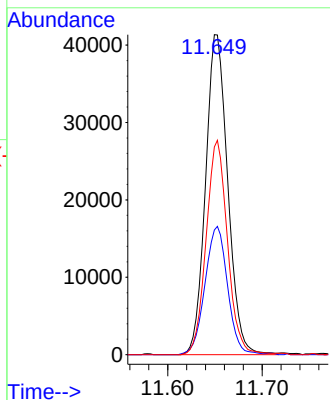
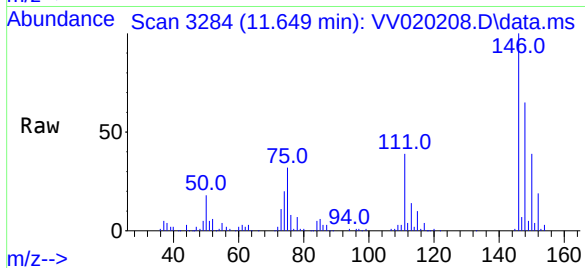




#67
1,2-Dichlorobenzene
Concen: 1.03 ug/L
RT: 11.649 min Scan# 3284
Delta R.T. 0.000 min
Lab File: VV020208.D
Acq: 28 Jan 2021 10:10

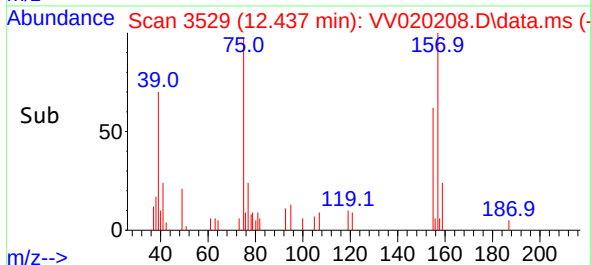
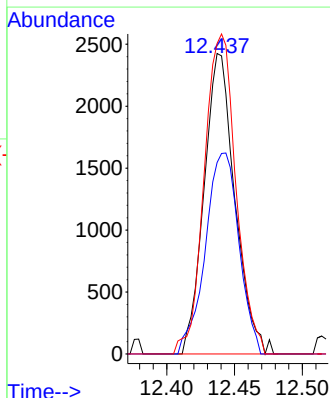
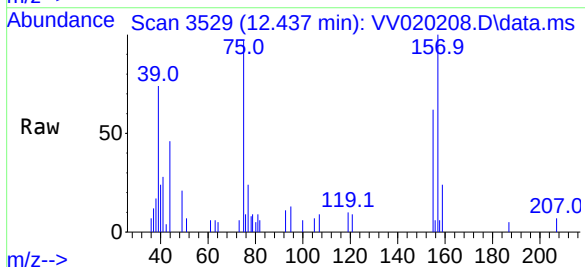
Instrument :
MSVOA_V
ClientSampled :
VSTD001703

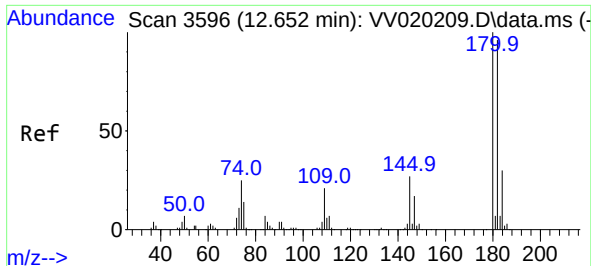
Tgt Ion:146 Resp: 67560
Ion Ratio Lower Upper
146 100
111 38.9 37.7 56.5
148 64.9 50.6 75.8



#68
1,2-Dibromo-3-chloropropane
Concen: 1.00 ug/L
RT: 12.437 min Scan# 3529
Delta R.T. 0.000 min
Lab File: VV020208.D
Acq: 28 Jan 2021 10:10

Tgt Ion: 75 Resp: 3837
Ion Ratio Lower Upper
75 100
155 63.7 56.5 84.7
157 103.3 74.2 111.2

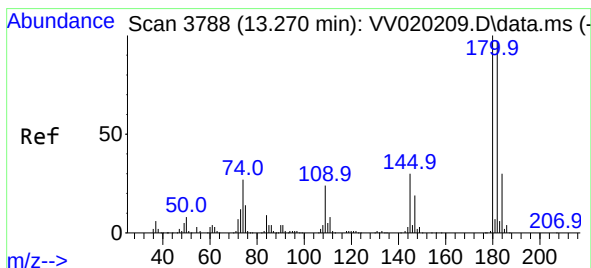
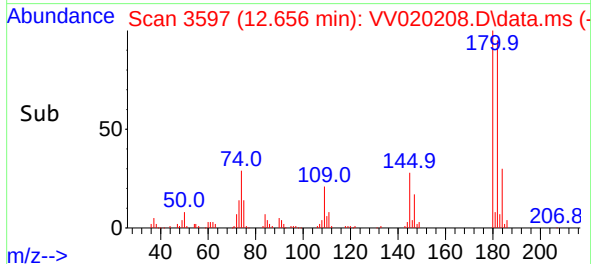
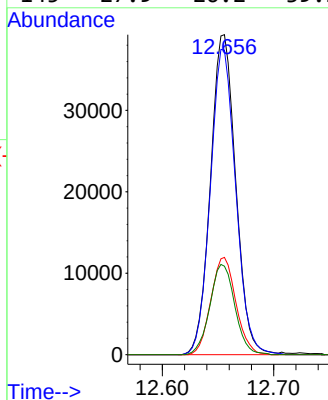
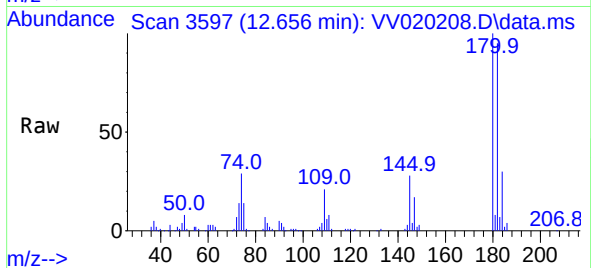




#69
1,3,5-Trichlorobenzene
Concen: 0.99 ug/L
RT: 12.656 min Scan# 3597
Delta R.T. 0.003 min
Lab File: VV020208.D
Acq: 28 Jan 2021 10:10

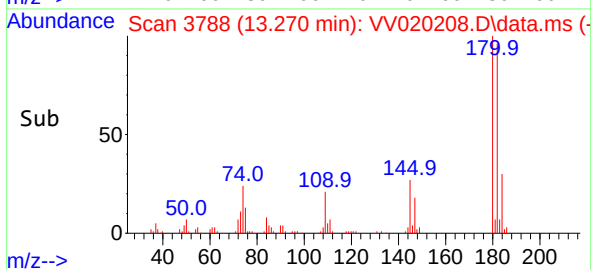
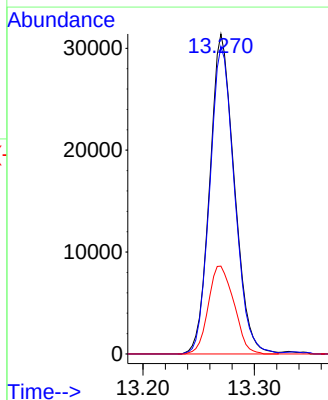
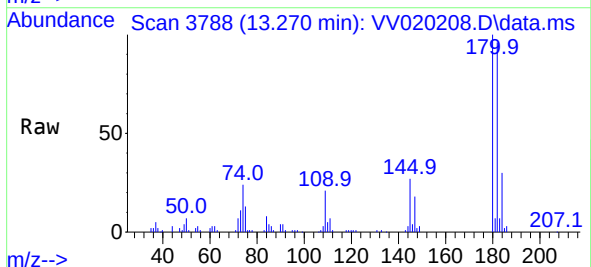
Instrument :
MSVOA_V
ClientSampleId :
VSTD001703

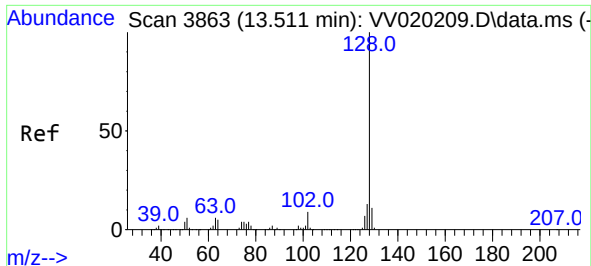
Tgt Ion:	180	Resp:	61936
Ion Ratio	Lower	Upper	
180	100		
182	95.8	75.9	113.9
184	30.2	23.5	35.3
145	27.9	26.2	39.2



#70
1,2,4-trichlorobenzene
Concen: 0.95 ug/L
RT: 13.270 min Scan# 3788
Delta R.T. 0.000 min
Lab File: VV020208.D
Acq: 28 Jan 2021 10:10

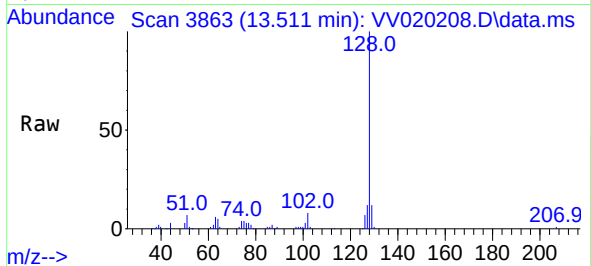
Tgt Ion:	180	Resp:	48142
Ion Ratio	Lower	Upper	
180	100		
182	96.4	75.9	113.9
145	28.5	26.6	39.8



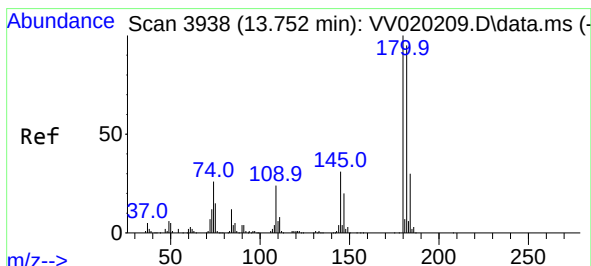
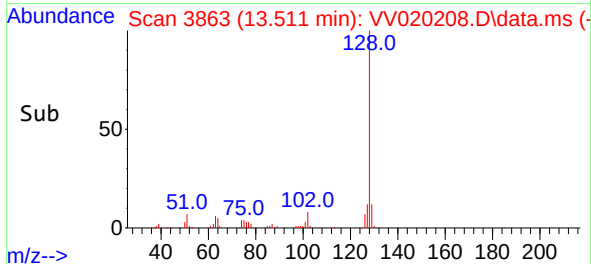
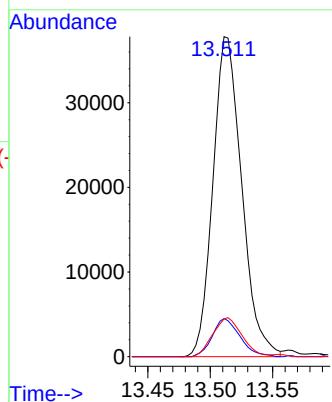


#71
Naphthalene
Concen: 0.88 ug/L
RT: 13.511 min Scan# 3863
Delta R.T. 0.000 min
Lab File: VV020208.D
Acq: 28 Jan 2021 10:10

Instrument :
MSVOA_V
ClientSampleId :
VSTD001703



Tgt Ion:128 Resp: 60686
Ion Ratio Lower Upper
128 100
129 11.4 8.5 12.7
127 12.4 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 1.02 ug/L
RT: 13.752 min Scan# 3938
Delta R.T. 0.000 min
Lab File: VV020208.D
Acq: 28 Jan 2021 10:10

Tgt Ion:180 Resp: 45800
Ion Ratio Lower Upper
180 100
182 94.3 74.6 112.0
145 28.1 28.8 43.2#

