

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012921\
 Data File : VW020215.D
 Acq On : 28 Jan 2021 16:51
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005702

Quant Time: Jan 29 00:53:59 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	463393	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.858	117	447302	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.254	152	253191	5.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.306	65	149336	4.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	1.566	69	125393	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.110	63	196438	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.80%
20) 2-Butanone-d5	3.933	46	274005	40.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.46%
24) Chloroform-d	4.354	84	288430	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.039	65	140830	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
32) Benzene-d6	5.055	84	543864	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.074	67	164430	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.318	98	510631	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloroprop...	7.627	79	57109	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.096	63	243075	44.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.54%
56) 1,1,2,2-Tetrachloroeth...	10.222	84	117680	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
66) 1,2-Dichlorobenzene-d4	11.630	152	202478	4.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.80%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.129	85	205741	4.51	ug/L 100
3) Chloromethane	1.241	50	203353	4.55	ug/L 99
5) Vinyl chloride	1.309	62	199272	4.65	ug/L 99
6) Bromomethane	1.521	94	115909	4.68	ug/L 97
8) Chloroethane	1.585	64	118971	4.72	ug/L 99
9) Trichlorofluoromethane	1.753	101	235757	4.59	ug/L 99
10) 1,1,2-Trichloro-1,2,2-...	2.116	101	114343	4.32	ug/L # 80
12) 1,1-Dichloroethene	2.119	96	113770	4.43	ug/L 73
13) Acetone	2.229	43	38606	10.17	ug/L # 22
14) Carbon disulfide	2.293	76	342506	3.54	ug/L 100
15) Methyl Acetate	2.454	43	40887	3.66	ug/L # 61
16) Methylene chloride	2.508	84	157810	4.59	ug/L 90
17) Methyl tert-butyl Ether	2.775	73	322672	4.55	ug/L 98
18) trans-1,2-Dichloroethene	2.762	96	157521	4.62	ug/L 93
19) 1,1-Dichloroethane	3.193	63	284738	4.66	ug/L 99
21) 2-Butanone	4.019	43	312679	43.05	ug/L # 69
22) cis-1,2-Dichloroethene	3.917	96	163779	4.67	ug/L 91
23) Bromochloromethane	4.254	128	72420	4.74	ug/L 84
25) Chloroform	4.380	83	293928	4.66	ug/L 98
27) 1,2-Dichloroethane	5.138	62	177024	4.71	ug/L 99

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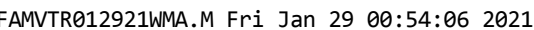
Instrument :
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 ClientSampleId :
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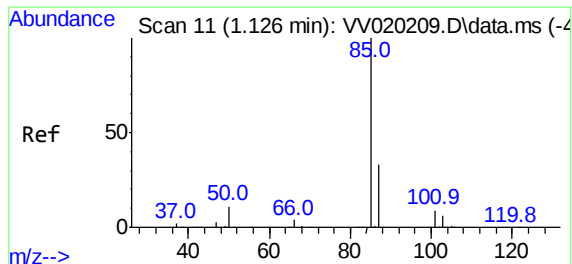
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	4.611	97	265126	4.74	ug/L	97
30) Cyclohexane	4.679	56	247759	4.64	ug/L	95
31) Carbon tetrachloride	4.833	117	230718	4.70	ug/L	100
33) Benzene	5.103	78	636894	4.83	ug/L	100
34) Trichloroethene	5.920	95	170376	4.66	ug/L	90
35) Methylcyclohexane	6.135	83	253971	4.60	ug/L	95
37) 1,2-Dichloropropane	6.180	63	153190	4.79	ug/L	98
38) Bromodichloromethane	6.515	83	193716	4.62	ug/L	98
39) cis-1,3-Dichloropropene	7.032	75	210842	4.73	ug/L	95
40) 4-Methyl-2-pentanone	7.235	43	813203	45.75	ug/L	96
42) Toluene	7.392	91	682169	4.85	ug/L	100
44) trans-1,3-Dichloropropene	7.656	75	176340	4.72	ug/L	99
45) 1,1,2-Trichloroethane	7.846	97	103180	4.61	ug/L	97
47) Tetrachloroethene	7.977	164	145920	4.66	ug/L	93
48) 2-Hexanone	8.148	43	571743	46.28	ug/L	97
49) Dibromochloromethane	8.251	129	126905	4.75	ug/L	99
50) 1,2-Dibromoethane	8.357	107	99238	4.64	ug/L #	94
51) Chlorobenzene	8.884	112	444406	4.79	ug/L	95
52) Ethylbenzene	9.016	91	763462	4.85	ug/L	99
53) m,p-xylene	9.141	106	286034	4.87	ug/L	98
54) o-xylene	9.547	106	274113	4.83	ug/L	97
55) Styrene	9.566	104	468920	4.87	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.247	83	117496	4.92	ug/L	98
59) Bromoform	9.736	173	69418	4.71	ug/L #	97
60) Isopropylbenzene	9.936	105	759181	5.02	ug/L	98
61) 1,2,3-Trichloropropane	10.280	75	86414	4.87	ug/L	97
62) 1,3,5-Trimethylbenzene	10.543	105	620376	4.96	ug/L	97
63) 1,2,4-Trimethylbenzene	10.919	105	637065	4.97	ug/L	97
64) 1,3-Dichlorobenzene	11.186	146	370920	4.71	ug/L	97
65) 1,4-Dichlorobenzene	11.280	146	369520	4.64	ug/L	97
67) 1,2-Dichlorobenzene	11.649	146	333002	4.67	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.437	75	17104	4.09	ug/L #	72
69) 1,3,5-Trichlorobenzene	12.653	180	321089	4.73	ug/L	97
70) 1,2,4-trichlorobenzene	13.270	180	258190	4.69	ug/L	98
71) Naphthalene	13.511	128	349154	4.66	ug/L	100
72) 1,2,3-Trichlorobenzene	13.752	180	223985	4.59	ug/L	96

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

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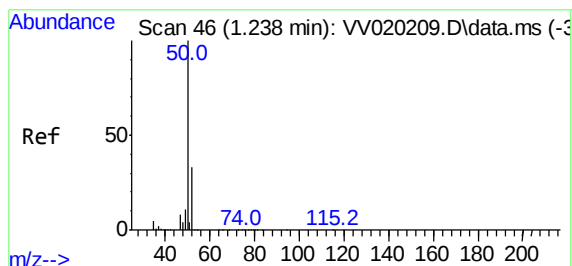
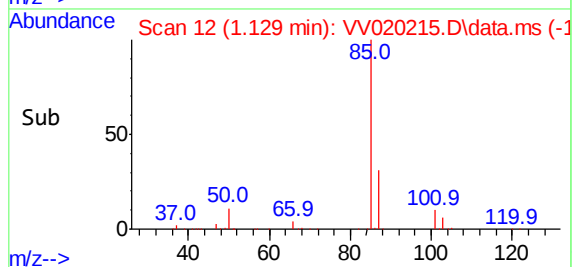
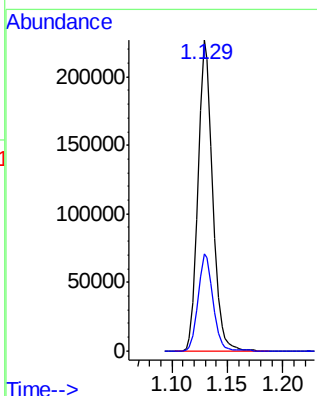
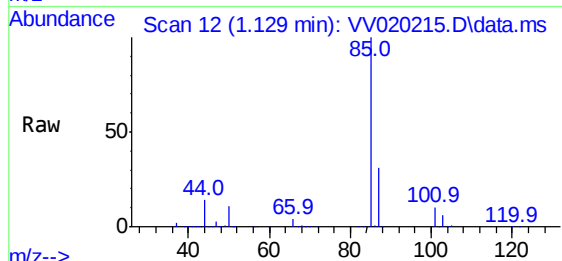




#2
Dichlorodifluoromethane
Concen: 4.51 ug/L
RT: 1.129 min Scan# 12
Delta R.T. 0.003 min
Lab File: VV020215.D
Acq: 28 Jan 2021 16:51

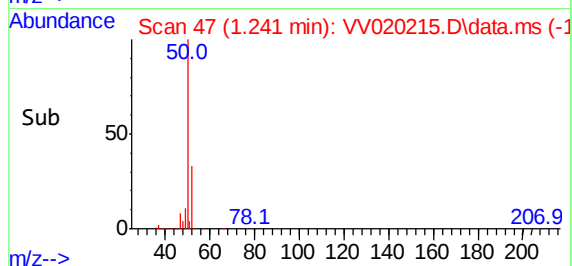
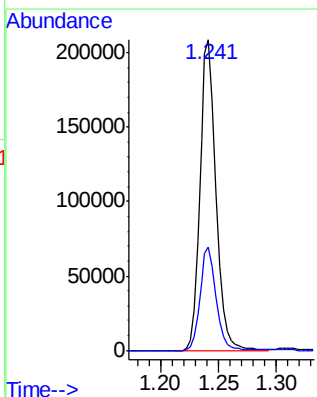
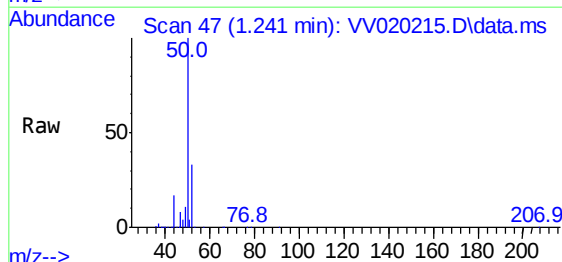
Instrument :
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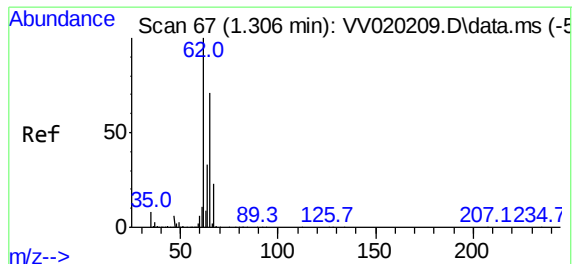
Tgt Ion: 85 Resp: 205741
Ion Ratio Lower Upper
85 100
87 31.9 25.6 38.4



#3
Chloromethane
Concen: 4.55 ug/L
RT: 1.241 min Scan# 47
Delta R.T. 0.003 min
Lab File: VV020215.D
Acq: 28 Jan 2021 16:51

Tgt Ion: 50 Resp: 203353
Ion Ratio Lower Upper
50 100
52 33.4 23.1 42.9

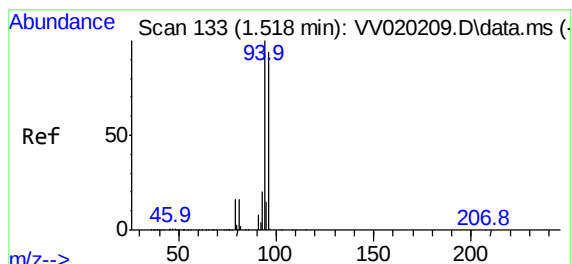
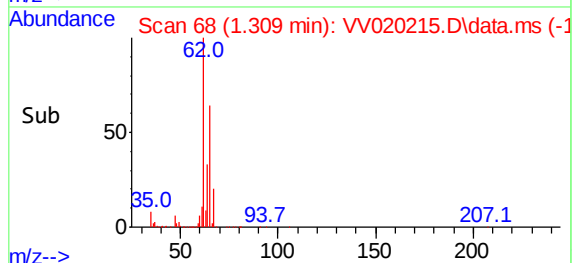
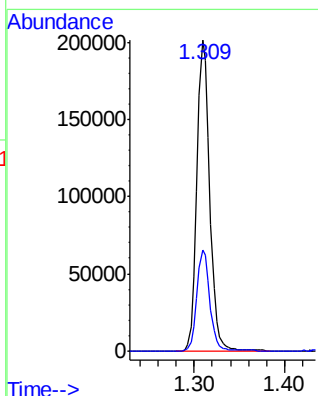
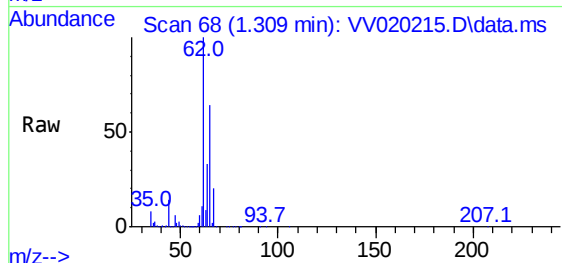




#5
 Vinyl chloride
 Concen: 4.65 ug/L
 RT: 1.309 min Scan# 68
 Delta R.T. 0.003 min
 Lab File: VV020215.D
 Acq: 28 Jan 2021 16:51

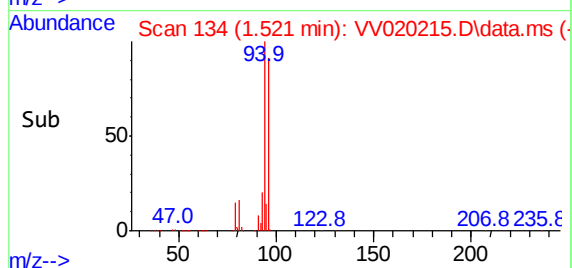
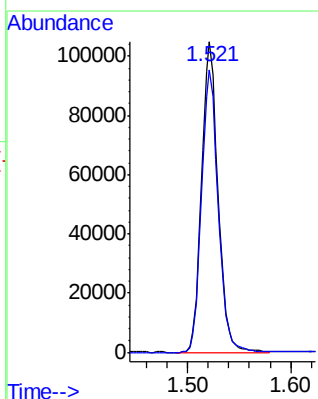
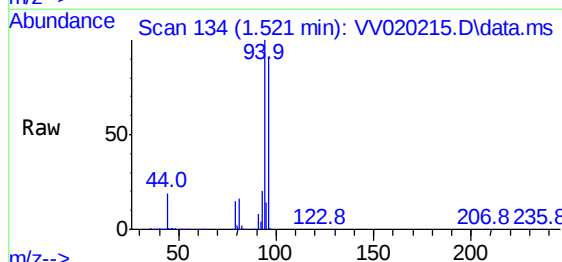
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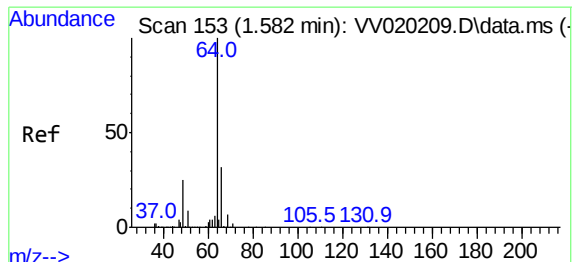
Tgt Ion: 62 Resp: 199272
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.2 43.2



#6
 Bromomethane
 Concen: 4.68 ug/L
 RT: 1.521 min Scan# 134
 Delta R.T. 0.003 min
 Lab File: VV020215.D
 Acq: 28 Jan 2021 16:51

Tgt Ion: 94 Resp: 115909
 Ion Ratio Lower Upper
 94 100
 96 90.9 65.6 121.8

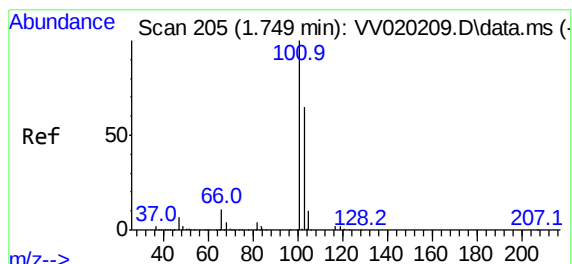
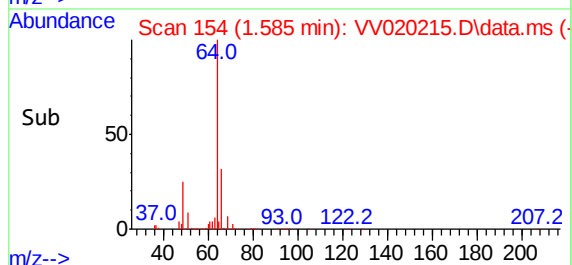
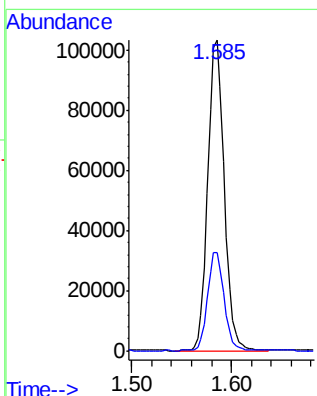
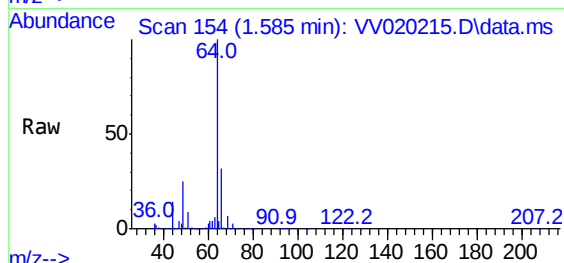




#8
Chloroethane
Concen: 4.72 ug/L
RT: 1.585 min Scan# 154
Delta R.T. 0.003 min
Lab File: VV020215.D
Acq: 28 Jan 2021 16:51

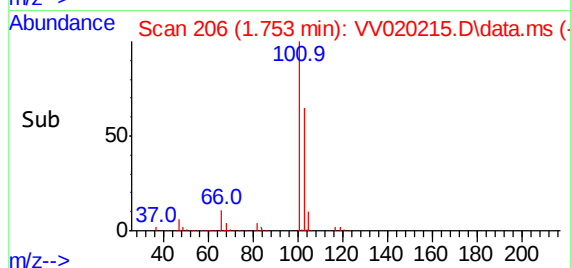
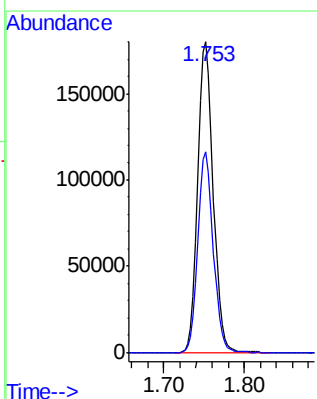
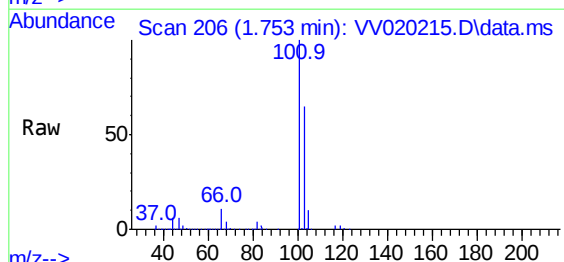
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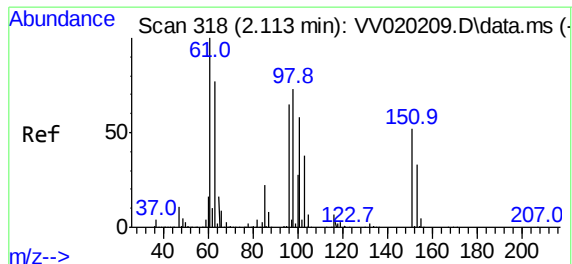
Tgt Ion: 64 Resp: 118971
Ion Ratio Lower Upper
64 100
66 31.7 22.0 40.8



#9
Trichlorofluoromethane
Concen: 4.59 ug/L
RT: 1.753 min Scan# 206
Delta R.T. 0.003 min
Lab File: VV020215.D
Acq: 28 Jan 2021 16:51

Tgt Ion: 101 Resp: 235757
Ion Ratio Lower Upper
101 100
103 64.1 51.8 77.8

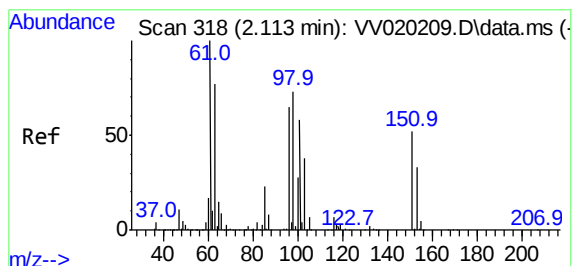
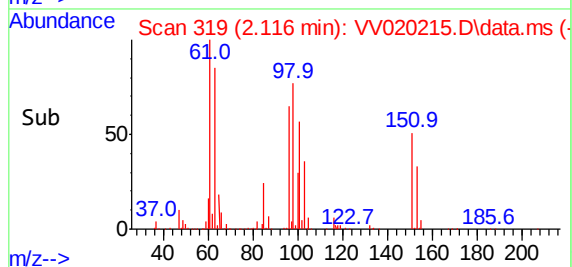
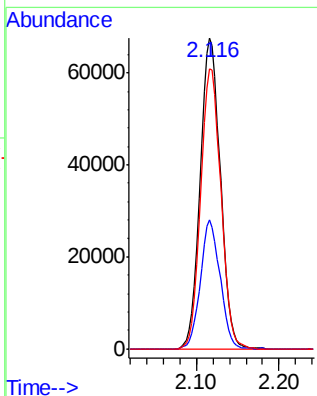
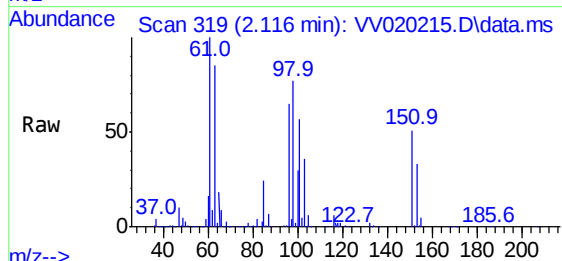




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.32 ug/L
 RT: 2.116 min Scan# 319
 Delta R.T. 0.003 min
 Lab File: VV020215.D
 Acq: 28 Jan 2021 16:51

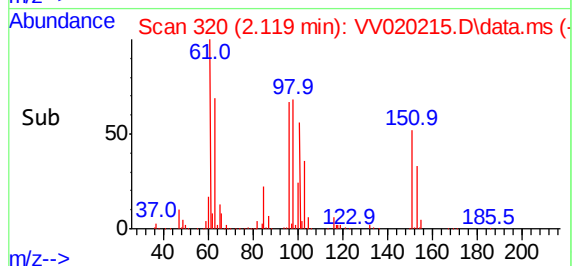
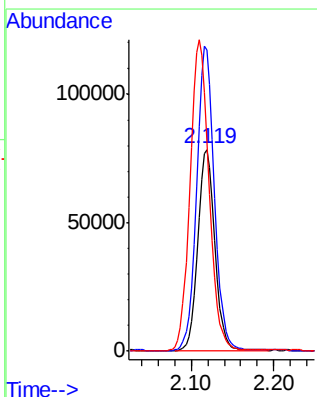
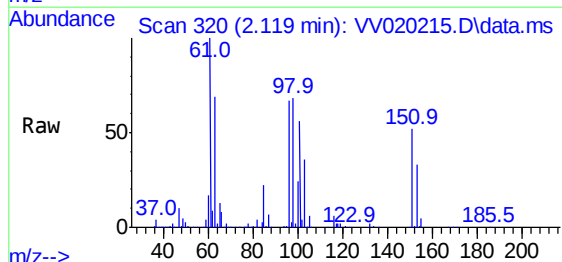
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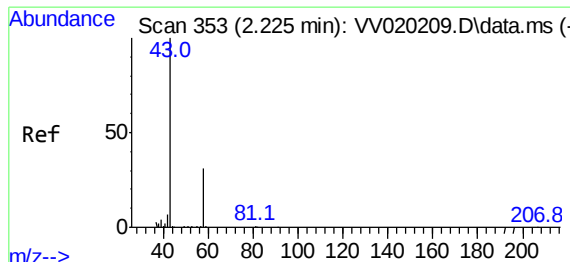
Tgt Ion:101 Resp: 114343
 Ion Ratio Lower Upper
 101 100
 85 40.3 36.4 54.6
 151 90.4 54.1 81.1#



#12
 1,1-Dichloroethene
 Concen: 4.43 ug/L
 RT: 2.119 min Scan# 320
 Delta R.T. 0.006 min
 Lab File: VV020215.D
 Acq: 28 Jan 2021 16:51

Tgt Ion: 96 Resp: 113770
 Ion Ratio Lower Upper
 96 100
 61 149.8 131.5 244.1
 63 103.5 95.2 176.8

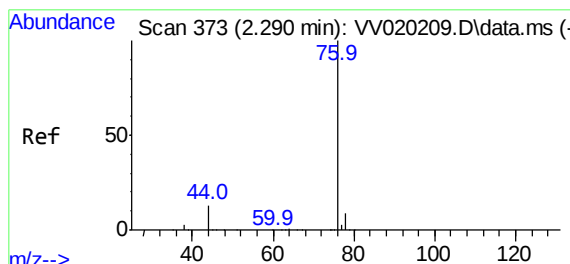
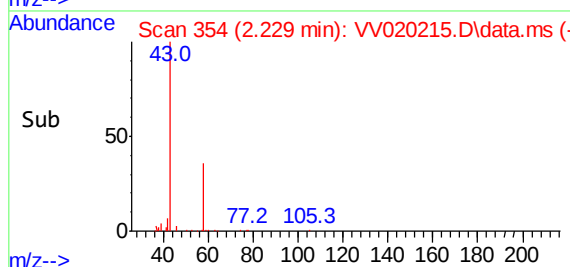
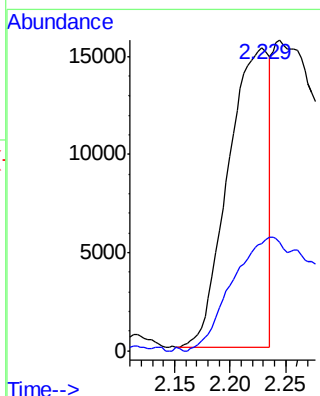
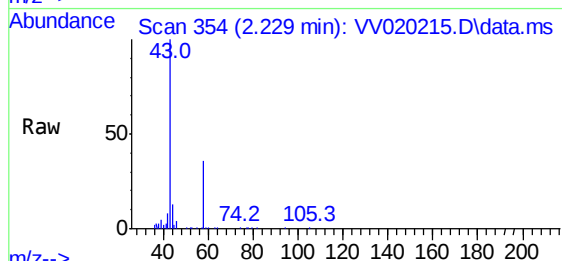




#13
Acetone
Concen: 10.17 ug/L
RT: 2.229 min Scan# 354
Delta R.T. 0.003 min
Lab File: VV020215.D
Acq: 28 Jan 2021 16:51

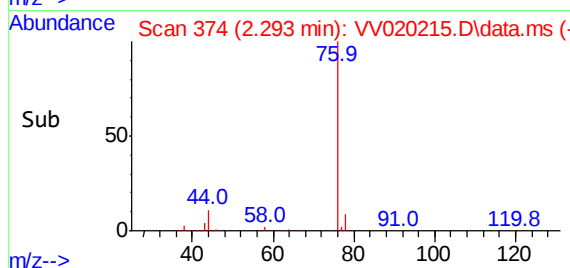
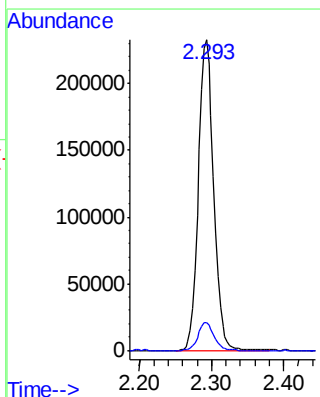
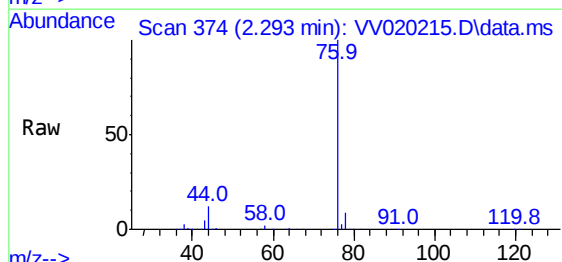
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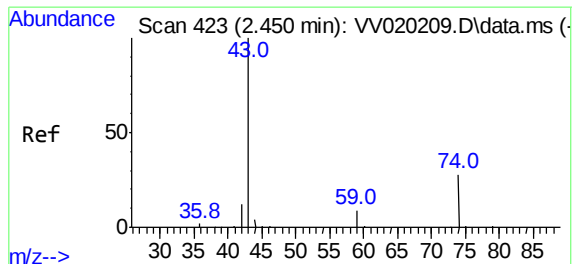
Tgt Ion: 43 Resp: 38606
Ion Ratio Lower Upper
43 100
58 48.8 0.0 31.4#



#14
Carbon disulfide
Concen: 3.54 ug/L
RT: 2.293 min Scan# 374
Delta R.T. 0.003 min
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Tgt Ion: 76 Resp: 342506
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

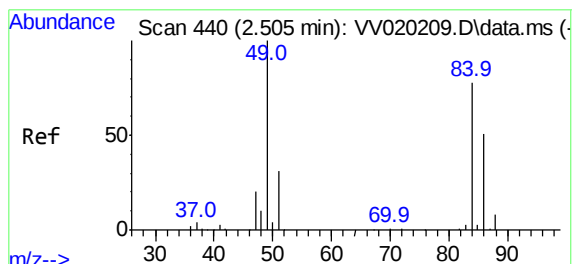
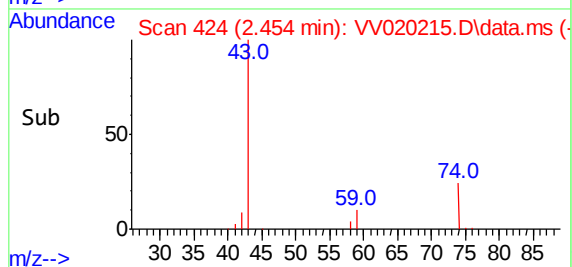
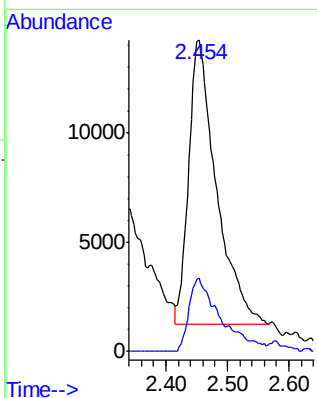
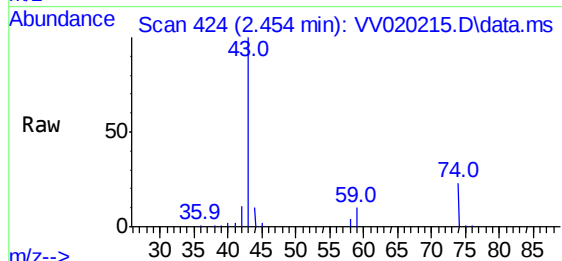




#15
Methyl Acetate
Concen: 3.66 ug/L
RT: 2.454 min Scan# 424
Delta R.T. 0.003 min
Lab File: VV020215.D
Acq: 28 Jan 2021 16:51

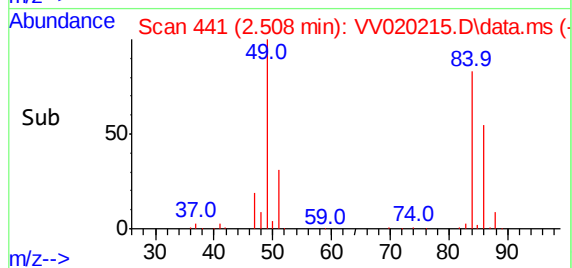
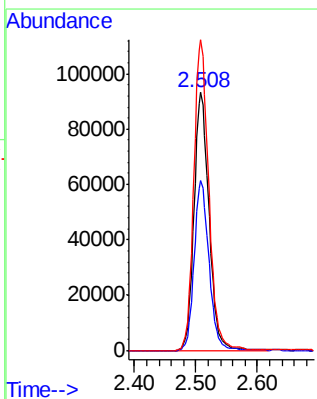
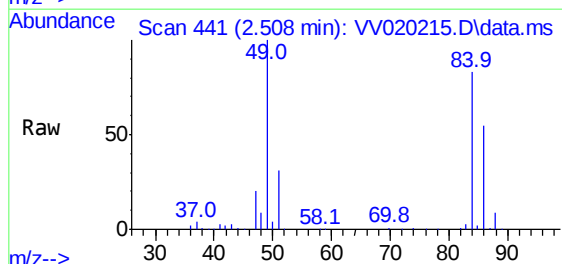
Instrument :
MSVOA_V
ClientSampleId :
VSTD005702

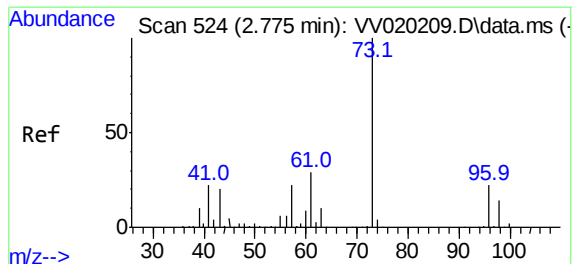
Tgt Ion: 43 Resp: 40887
Ion Ratio Lower Upper
43 100
74 28.9 10.6 16.0#



#16
Methylene chloride
Concen: 4.59 ug/L
RT: 2.508 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV020215.D
Acq: 28 Jan 2021 16:51

Tgt Ion: 84 Resp: 157810
Ion Ratio Lower Upper
84 100
86 65.8 42.8 79.4
49 120.3 93.9 174.3

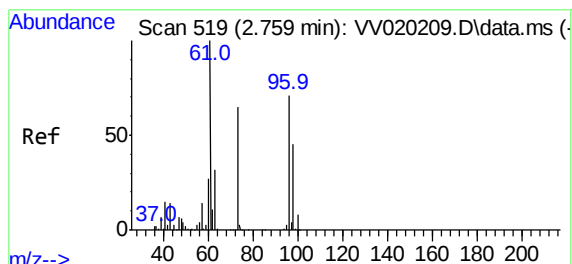
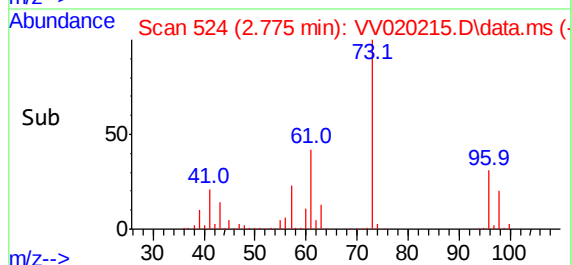
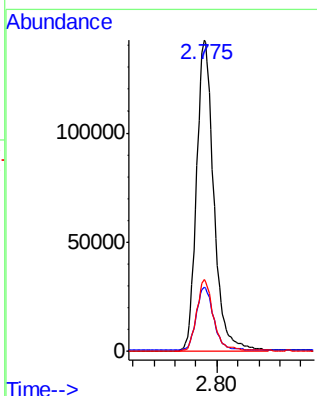
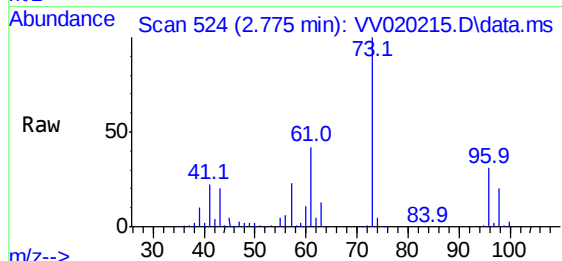




#17
Methyl tert-butyl Ether
Concen: 4.55 ug/L
RT: 2.775 min Scan# 524
Delta R.T. 0.000 min
Lab File: VV020215.D
Acq: 28 Jan 2021 16:51

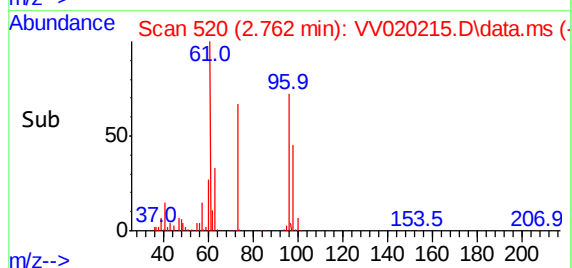
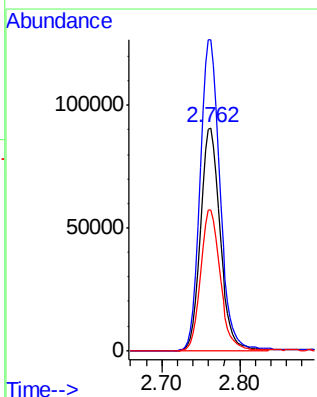
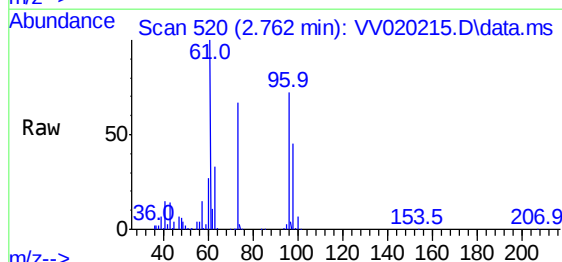
Instrument :
MSVOA_V
ClientSampleId :
VSTD005702

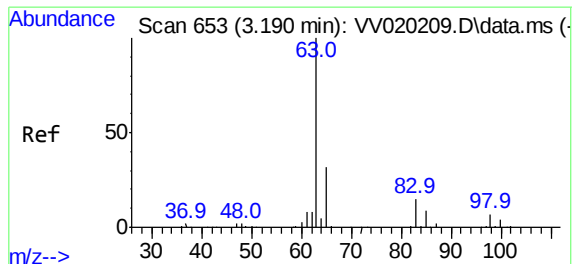
Tgt Ion: 73 Resp: 322672
Ion Ratio Lower Upper
73 100
43 20.2 17.0 25.6
57 21.9 18.2 27.4



#18
trans-1,2-Dichloroethene
Concen: 4.62 ug/L
RT: 2.762 min Scan# 520
Delta R.T. 0.003 min
Lab File: VV020215.D
Acq: 28 Jan 2021 16:51

Tgt Ion: 96 Resp: 157521
Ion Ratio Lower Upper
96 100
61 139.5 106.3 197.3
98 63.2 44.7 82.9

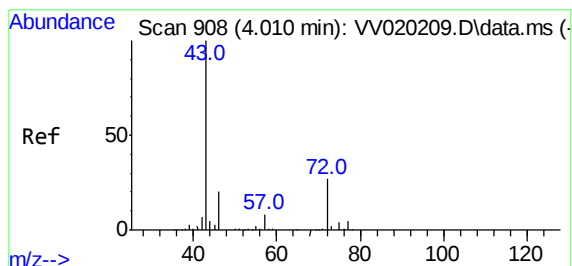
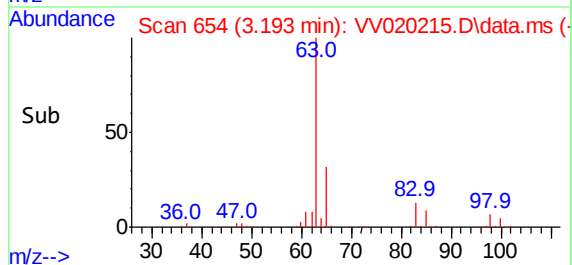
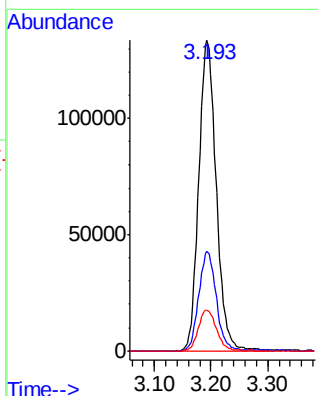
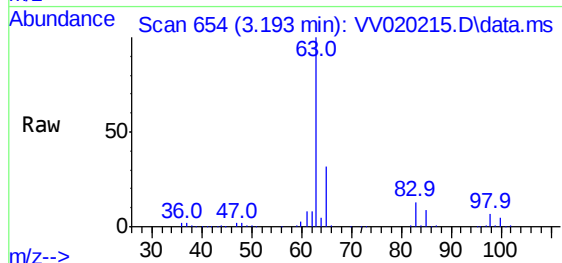




#19
1,1-Dichloroethane
Concen: 4.66 ug/L
RT: 3.193 min Scan# 654
Delta R.T. 0.003 min
Lab File: VV020215.D
Acq: 28 Jan 2021 16:51

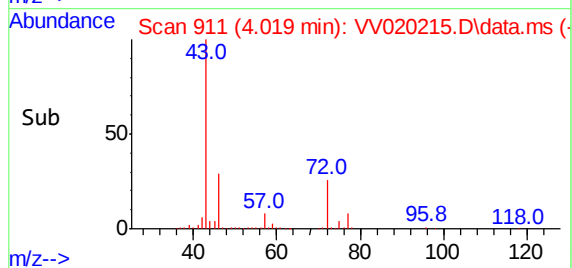
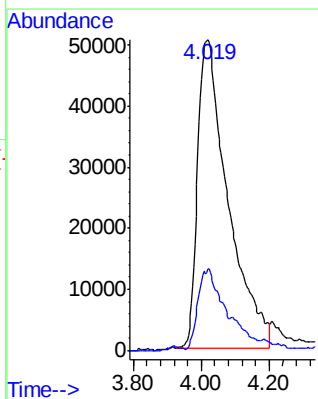
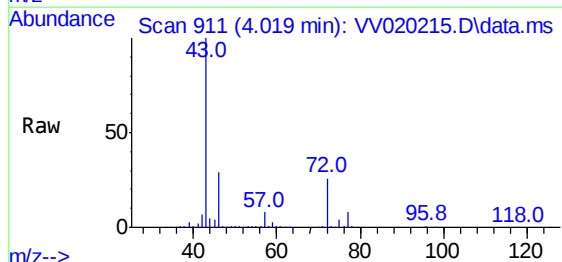
Instrument :
MSVOA_V
ClientSampleId :
VSTD005702

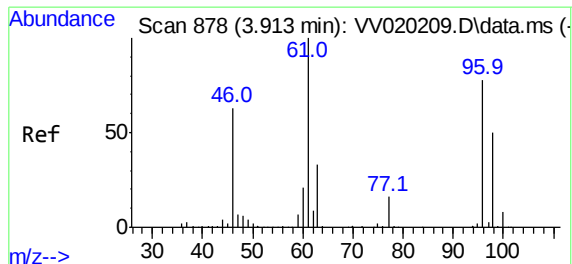
Tgt Ion: 63 Resp: 284738
Ion Ratio Lower Upper
63 100
65 32.2 21.8 40.6
83 13.1 9.0 16.8



#21
2-Butanone
Concen: 43.05 ug/L
RT: 4.019 min Scan# 911
Delta R.T. 0.010 min
Lab File: VV020215.D
Acq: 28 Jan 2021 16:51

Tgt Ion: 43 Resp: 312679
Ion Ratio Lower Upper
43 100
72 7.1 10.9 32.7#

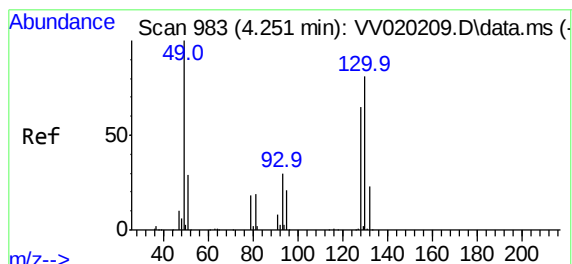
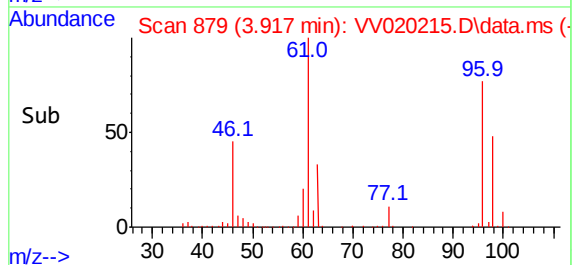
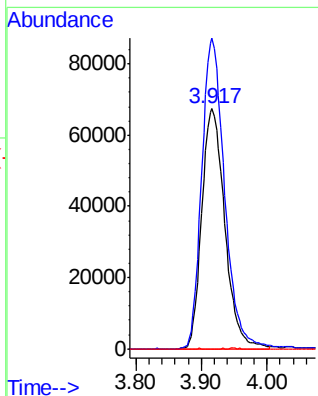
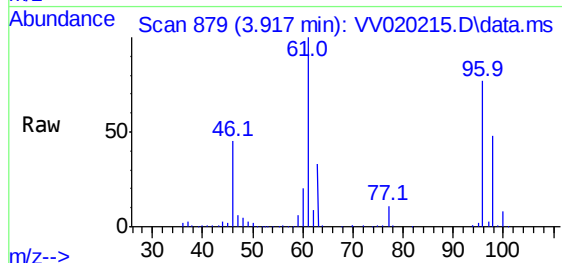




#22
 cis-1,2-Dichloroethene
 Concen: 4.67 ug/L
 RT: 3.917 min Scan# 879
 Delta R.T. 0.003 min
 Lab File: VV020215.D
 Acq: 28 Jan 2021 16:51

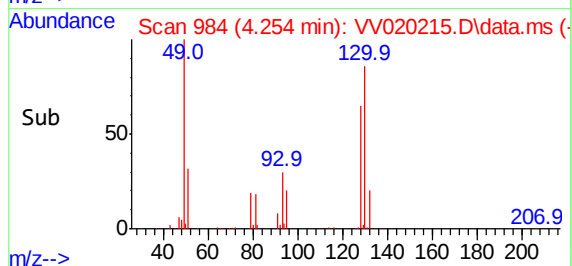
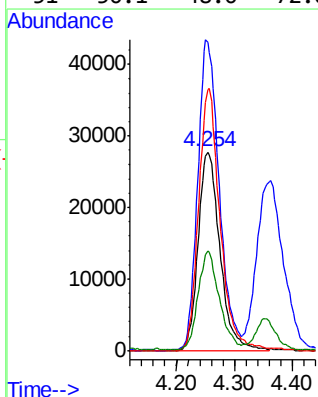
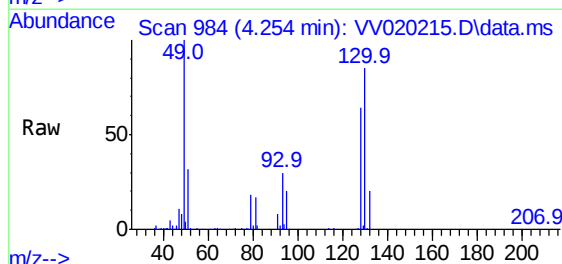
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005702

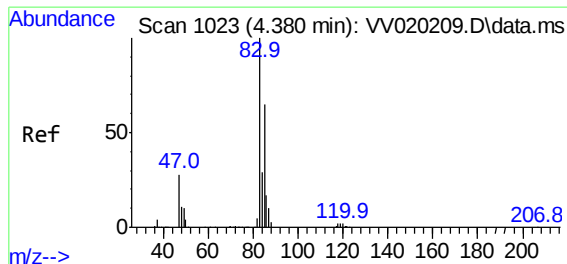
Tgt Ion: 96 Resp: 163779
 Ion Ratio Lower Upper
 96 100
 61 129.3 98.1 182.3
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.74 ug/L
 RT: 4.254 min Scan# 984
 Delta R.T. 0.003 min
 Lab File: VV020215.D
 Acq: 28 Jan 2021 16:51

Tgt Ion:128 Resp: 72420
 Ion Ratio Lower Upper
 128 100
 49 155.4 132.6 246.2
 130 131.4 86.4 160.4
 51 50.1 48.0 72.0

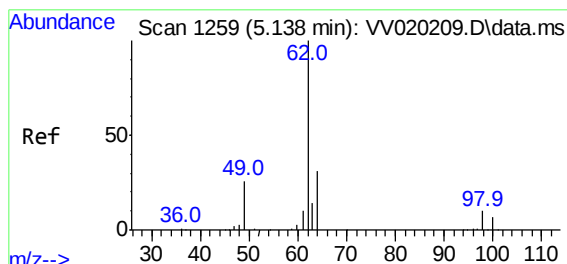
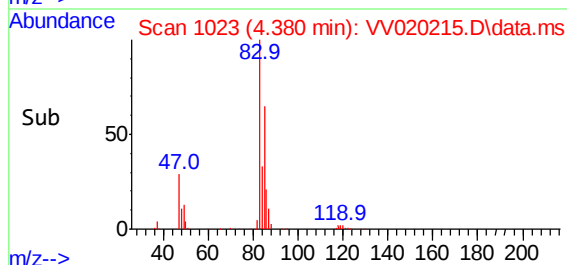
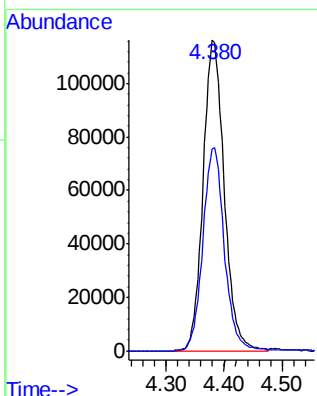
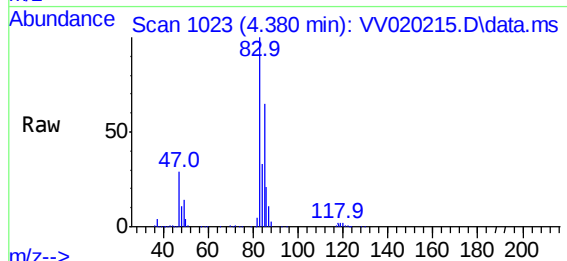




#25
Chloroform
Concen: 4.66 ug/L
RT: 4.380 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VV020215.D
Acq: 28 Jan 2021 16:51

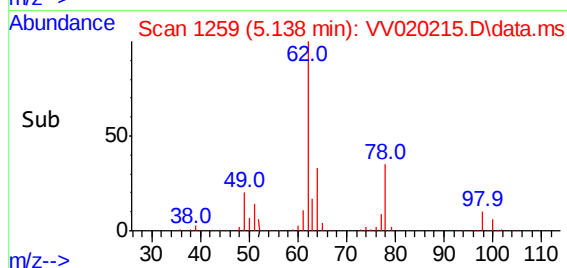
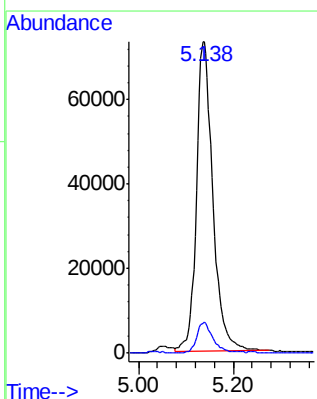
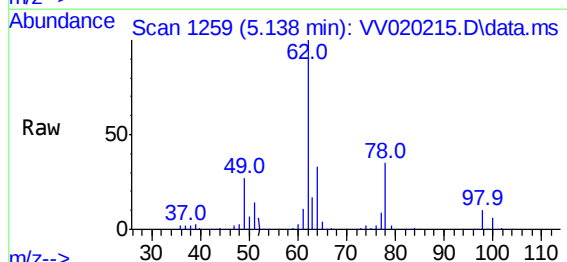
Instrument :
MSVOA_V
ClientSampleId :
VSTD005702

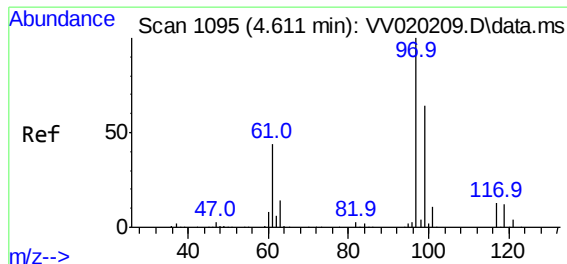
Tgt Ion: 83 Resp: 293928
Ion Ratio Lower Upper
83 100
85 65.0 46.4 86.2



#27
1,2-Dichloroethane
Concen: 4.71 ug/L
RT: 5.138 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VV020215.D
Acq: 28 Jan 2021 16:51

Tgt Ion: 62 Resp: 177024
Ion Ratio Lower Upper
62 100
98 9.7 7.6 11.4

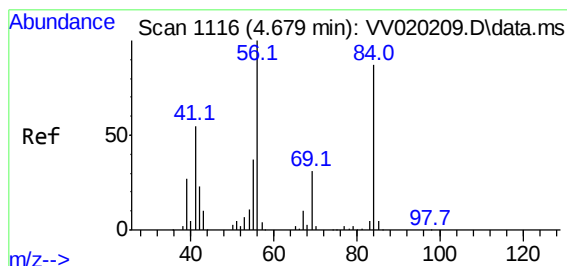
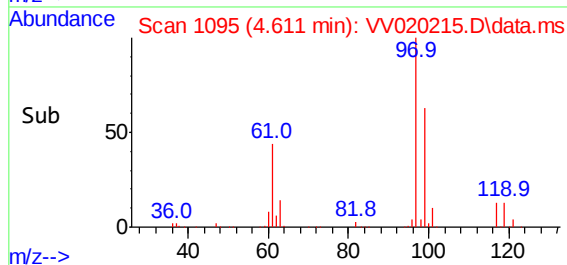
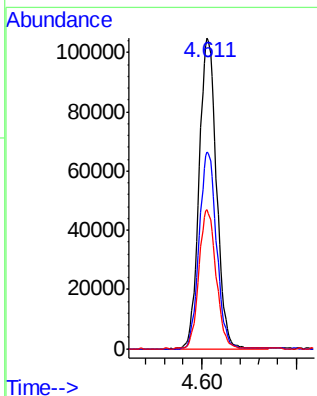
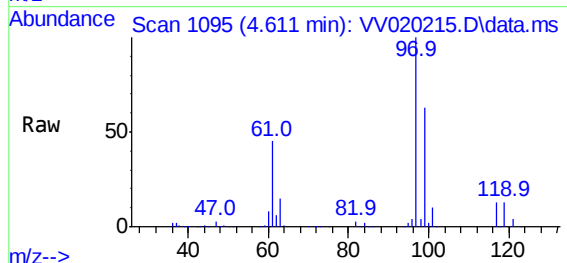




#29
1,1,1-Trichloroethane
Concen: 4.74 ug/L
RT: 4.611 min Scan# 1095
Delta R.T. 0.000 min
Lab File: VV020215.D
Acq: 28 Jan 2021 16:51

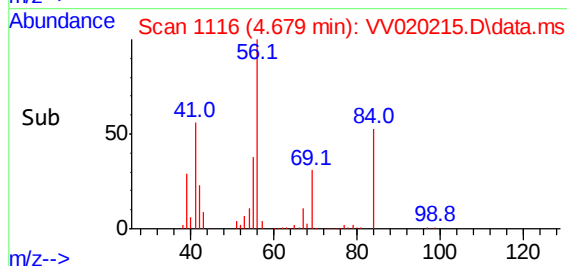
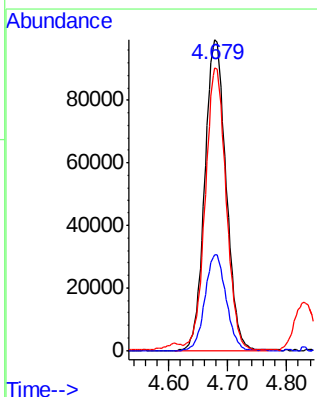
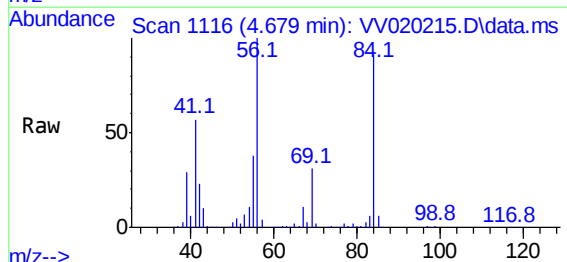
Instrument :
MSVOA_V
ClientSampleId :
VSTD005702

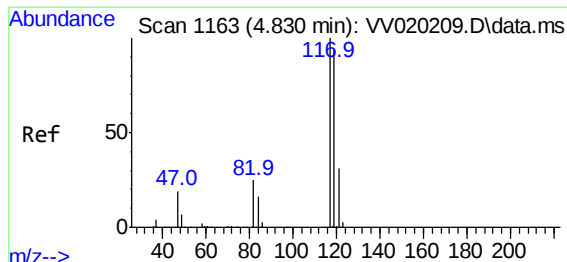
Tgt Ion: 97 Resp: 265126
Ion Ratio Lower Upper
97 100
99 63.5 51.1 76.7
61 44.7 38.6 57.8



#30
Cyclohexane
Concen: 4.64 ug/L
RT: 4.679 min Scan# 1116
Delta R.T. 0.000 min
Lab File: VV020215.D
Acq: 28 Jan 2021 16:51

Tgt Ion: 56 Resp: 247759
Ion Ratio Lower Upper
56 100
69 30.7 24.1 36.1
84 88.8 66.8 100.2

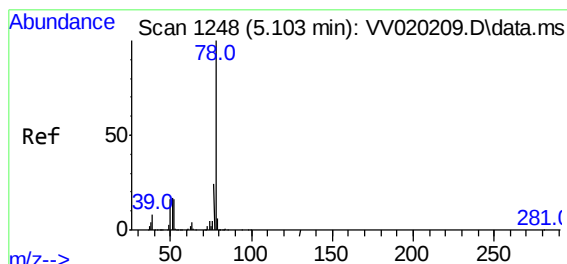
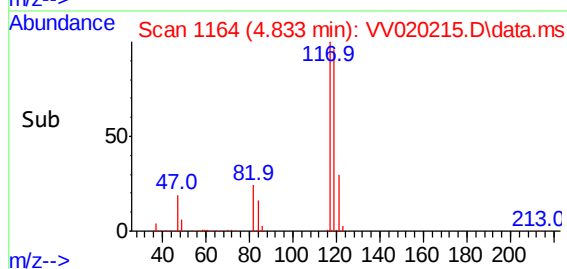
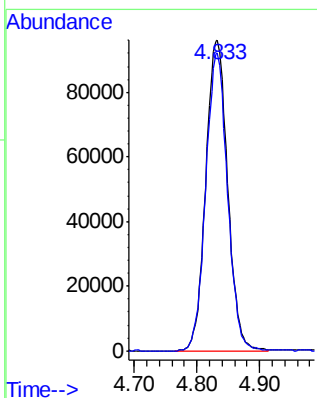
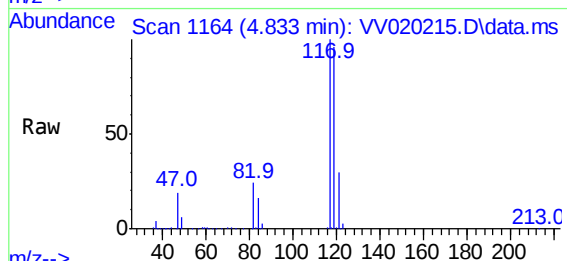




#31
Carbon tetrachloride
Concen: 4.70 ug/L
RT: 4.833 min Scan# 1164
Delta R.T. 0.003 min
Lab File: VV020215.D
Acq: 28 Jan 2021 16:51

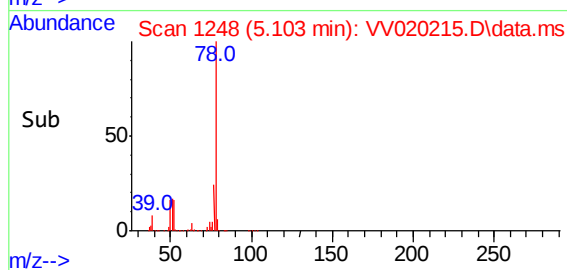
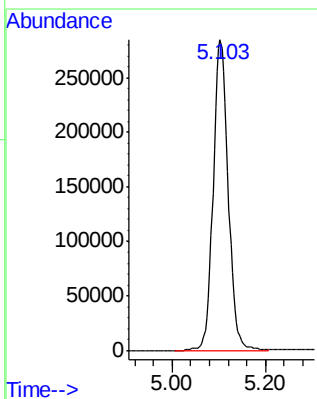
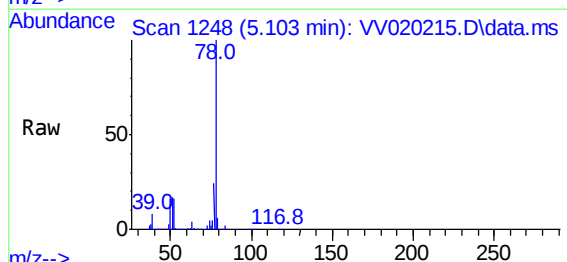
Instrument :
MSVOA_V
ClientSampleId :
VSTD005702

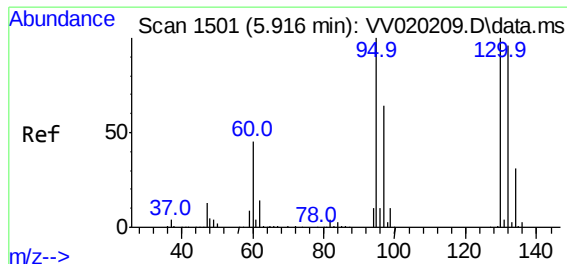
Tgt Ion:117 Resp: 230718
Ion Ratio Lower Upper
117 100
119 95.4 76.0 114.0



#33
Benzene
Concen: 4.83 ug/L
RT: 5.103 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VV020215.D
Acq: 28 Jan 2021 16:51

Tgt Ion: 78 Resp: 636894

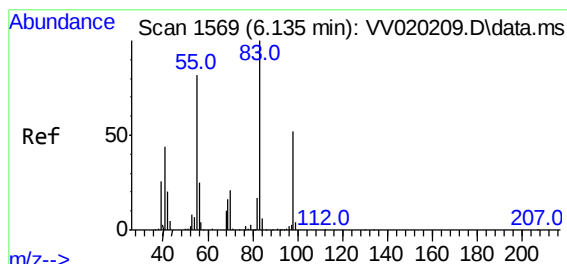
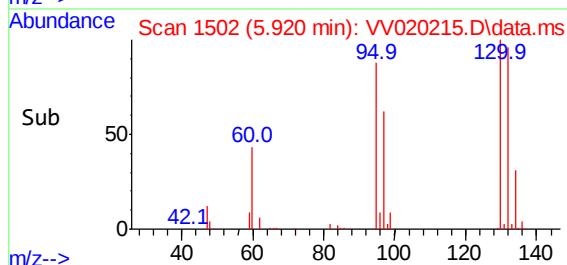
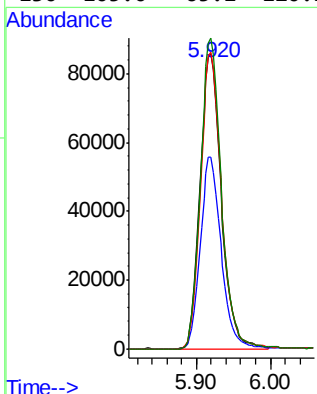
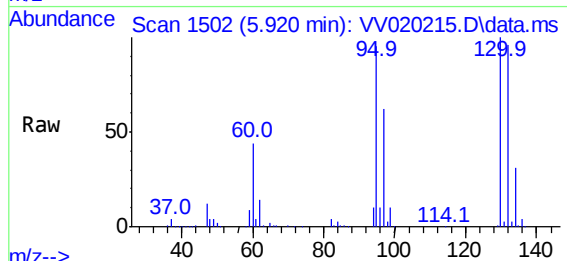




#34
Trichloroethene
Concen: 4.66 ug/L
RT: 5.920 min Scan# 1502
Delta R.T. 0.003 min
Lab File: VV020215.D
Acq: 28 Jan 2021 16:51

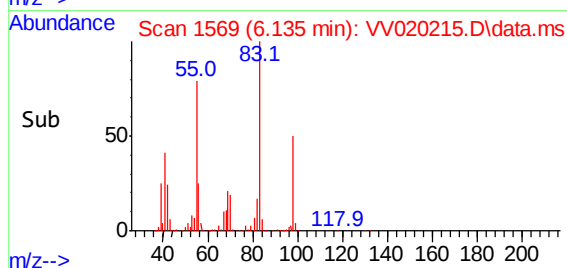
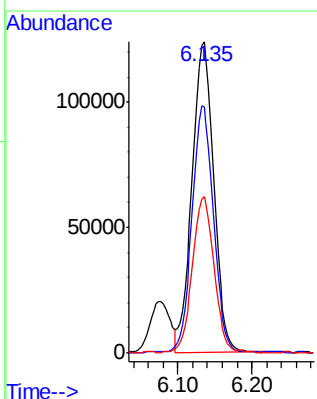
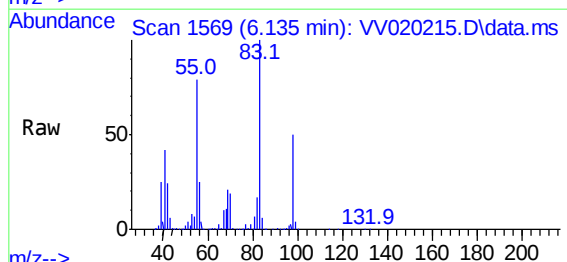
Instrument :
MSVOA_V
ClientSampleId :
VSTD005702

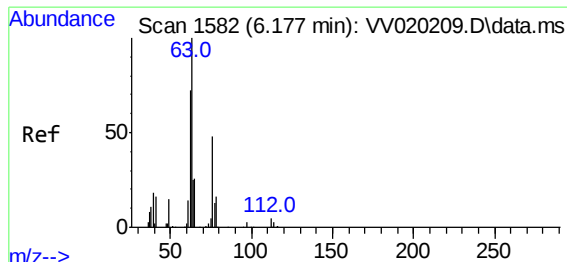
Tgt Ion: 95 Resp: 170376
Ion Ratio Lower Upper
95 100
97 64.6 44.1 81.9
132 100.4 61.2 113.8
130 105.0 65.1 120.9



#35
Methylcyclohexane
Concen: 4.60 ug/L
RT: 6.135 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VV020215.D
Acq: 28 Jan 2021 16:51

Tgt Ion: 83 Resp: 253971
Ion Ratio Lower Upper
83 100
55 78.0 67.5 101.3
98 50.0 38.6 58.0

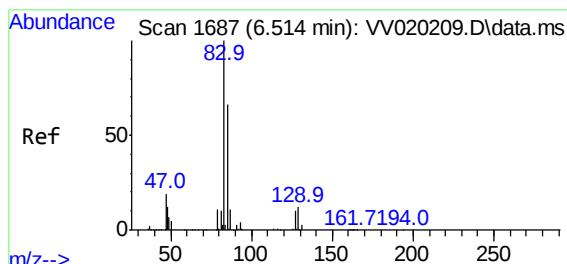
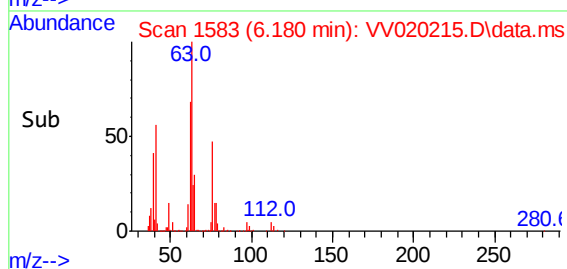
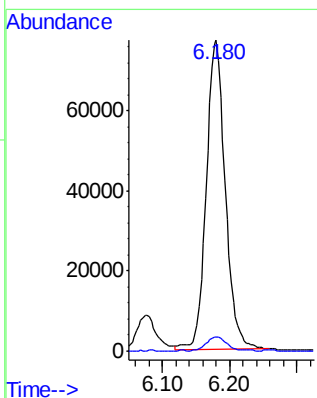
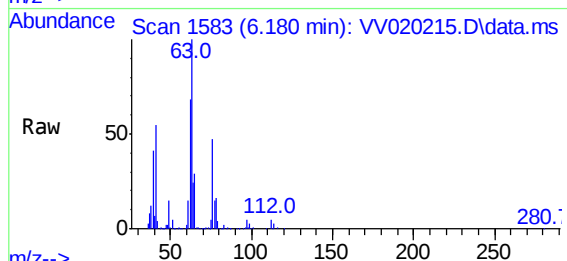




#37
1,2-Dichloropropane
Concen: 4.79 ug/L
RT: 6.180 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV020215.D
Acq: 28 Jan 2021 16:51

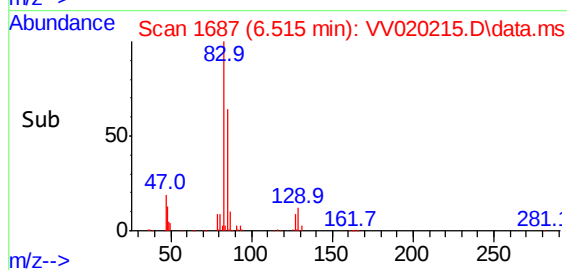
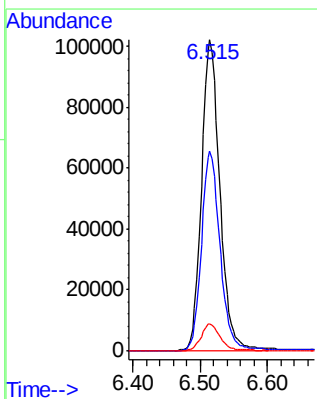
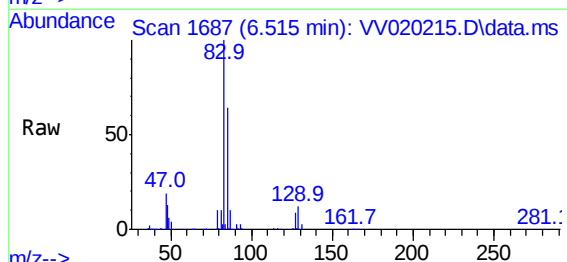
Instrument :
MSVOA_V
ClientSampleId :
VSTD005702

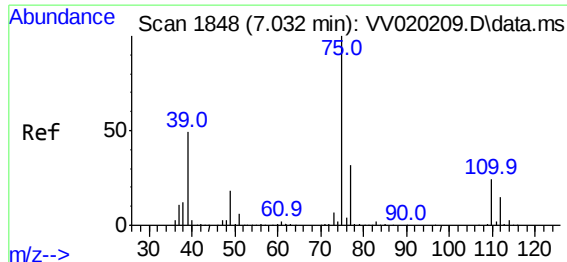
Tgt Ion: 63 Resp: 153190
Ion Ratio Lower Upper
63 100
112 5.0 3.6 5.4



#38
Bromodichloromethane
Concen: 4.62 ug/L
RT: 6.515 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VV020215.D
Acq: 28 Jan 2021 16:51

Tgt Ion: 83 Resp: 193716
Ion Ratio Lower Upper
83 100
85 64.2 45.9 85.3
127 8.7 6.2 9.2

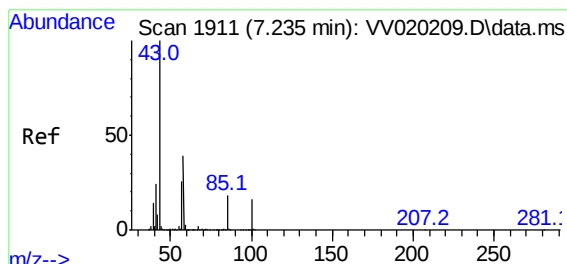
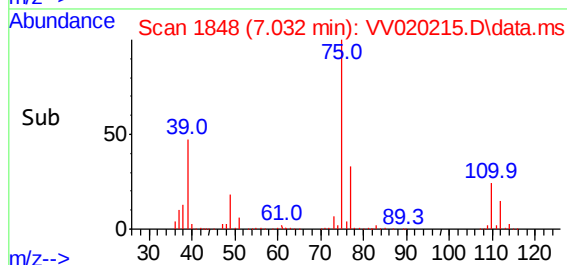
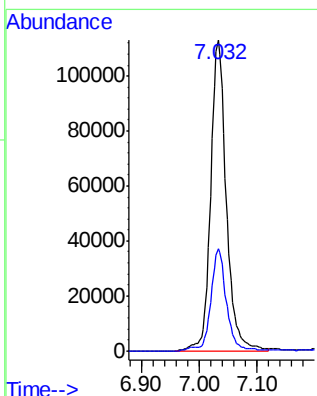
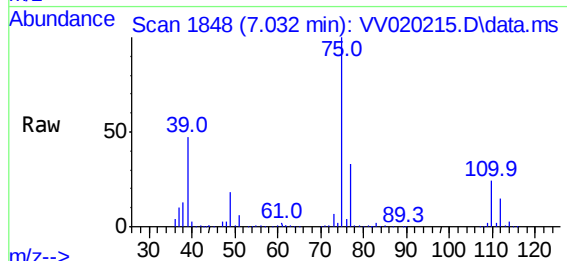




#39
 cis-1,3-Dichloropropene
 Concen: 4.73 ug/L
 RT: 7.032 min Scan# 1848
 Delta R.T. 0.000 min
 Lab File: VV020215.D
 Acq: 28 Jan 2021 16:51

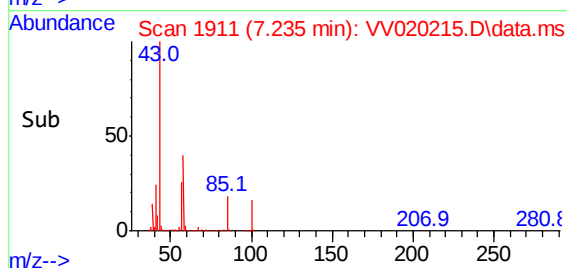
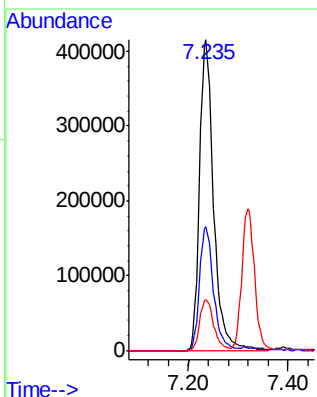
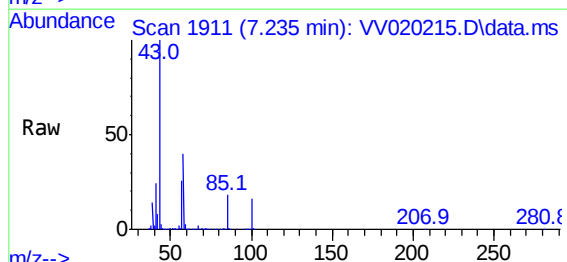
Instrument :
 MSVOA_V
 ClientSampled :
 VSTD005702

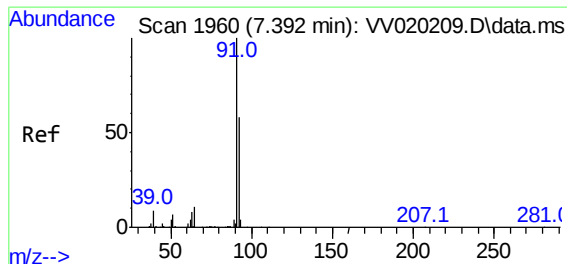
Tgt Ion: 75 Resp: 210842
 Ion Ratio Lower Upper
 75 100
 77 32.9 21.0 39.0



#40
 4-Methyl-2-pentanone
 Concen: 45.75 ug/L
 RT: 7.235 min Scan# 1911
 Delta R.T. 0.000 min
 Lab File: VV020215.D
 Acq: 28 Jan 2021 16:51

Tgt Ion: 43 Resp: 813203
 Ion Ratio Lower Upper
 43 100
 58 39.6 30.0 45.0
 100 16.3 11.4 17.0

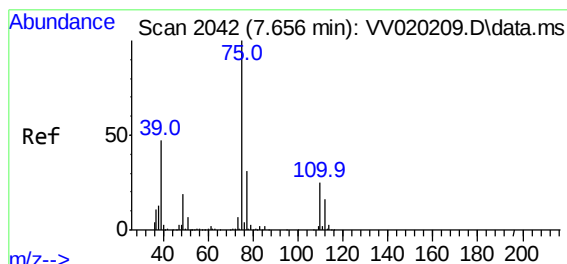
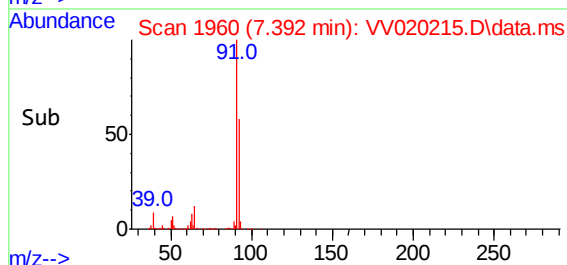
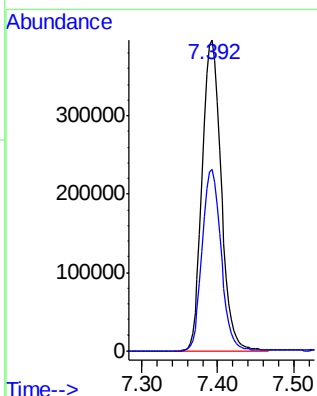
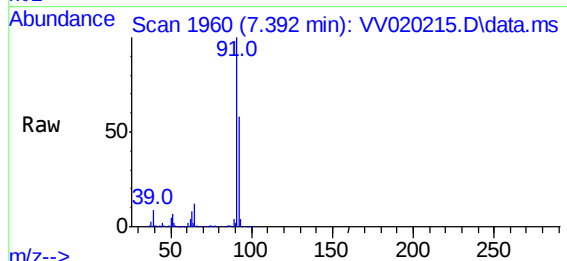




#42
Toluene
Concen: 4.85 ug/L
RT: 7.392 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VV020215.D
Acq: 28 Jan 2021 16:51

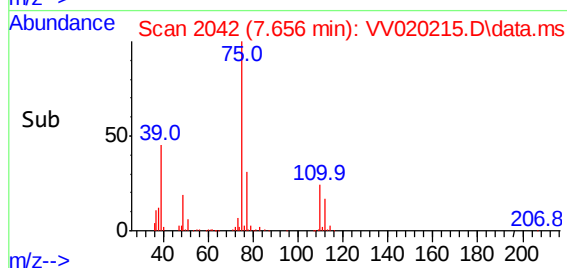
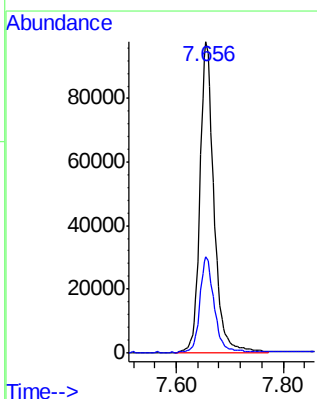
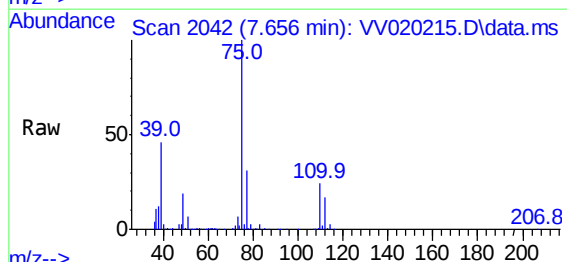
Instrument :
MSVOA_V
ClientSampleId :
VSTD005702

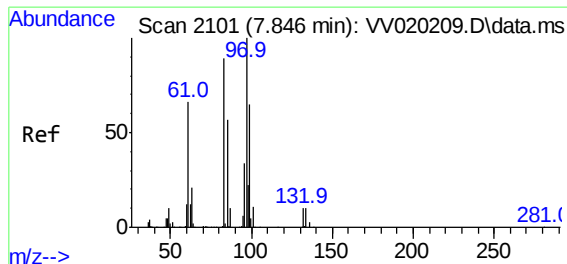
Tgt Ion: 91 Resp: 682169
Ion Ratio Lower Upper
91 100
92 58.4 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 4.72 ug/L
RT: 7.656 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VV020215.D
Acq: 28 Jan 2021 16:51

Tgt Ion: 75 Resp: 176340
Ion Ratio Lower Upper
75 100
77 30.8 21.1 39.3



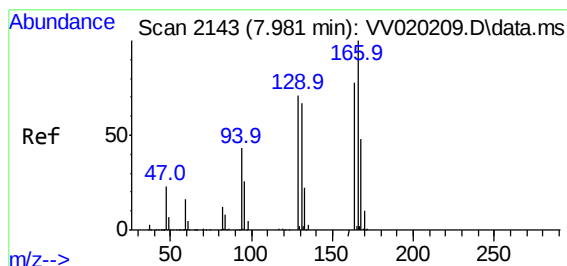
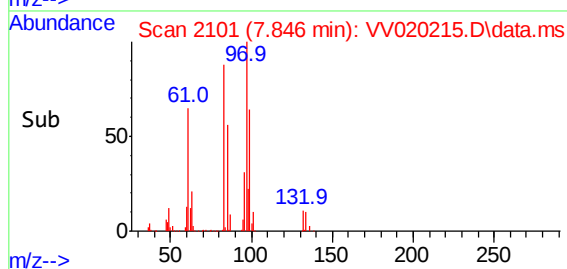
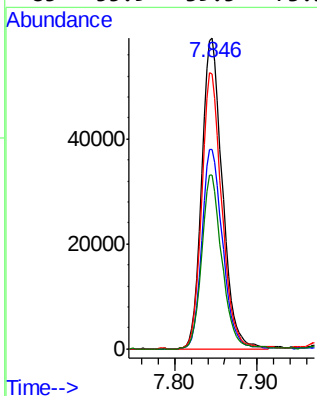
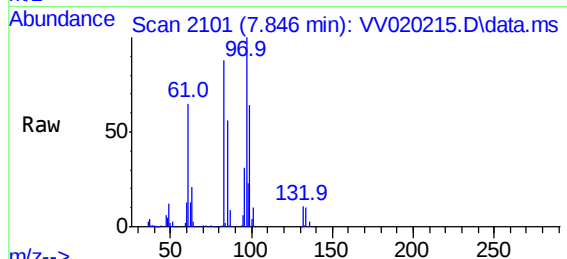


#45
1,1,2-Trichloroethane
Concen: 4.61 ug/L
RT: 7.846 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VV020215.D
Acq: 28 Jan 2021 16:51

Instrument :
MSVOA_V
ClientSampleId :
VSTD005702

Tgt Ion: 97 Resp: 103180

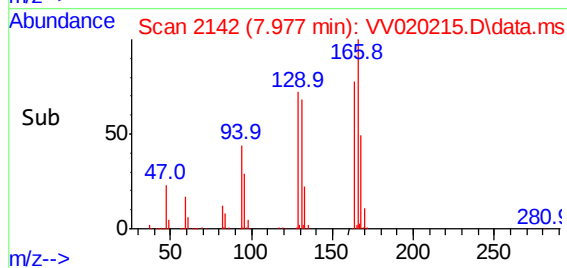
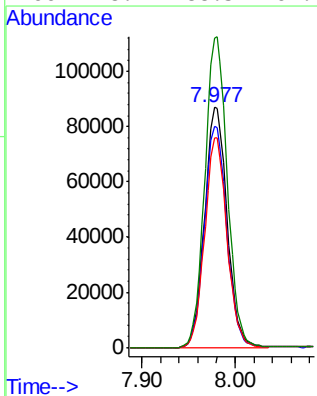
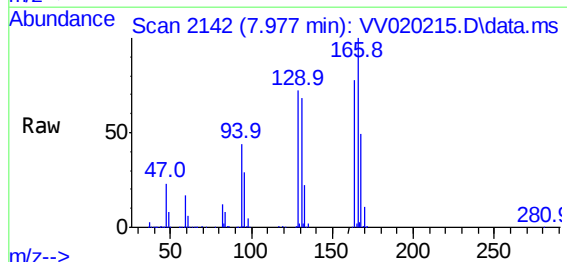
Ion	Ratio	Lower	Upper
97	100		
99	64.1	42.4	78.8
83	88.4	59.4	110.4
85	55.9	39.5	73.3

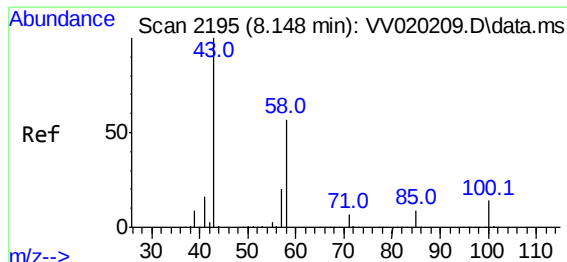


#47
Tetrachloroethene
Concen: 4.66 ug/L
RT: 7.977 min Scan# 2142
Delta R.T. -0.003 min
Lab File: VV020215.D
Acq: 28 Jan 2021 16:51

Tgt Ion: 164 Resp: 145920

Ion	Ratio	Lower	Upper
164	100		
129	92.5	72.1	133.9
131	87.4	68.9	127.9
166	128.9	88.5	164.4

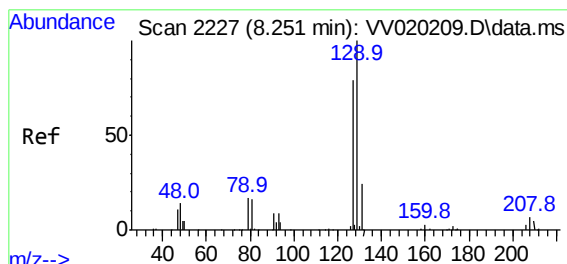
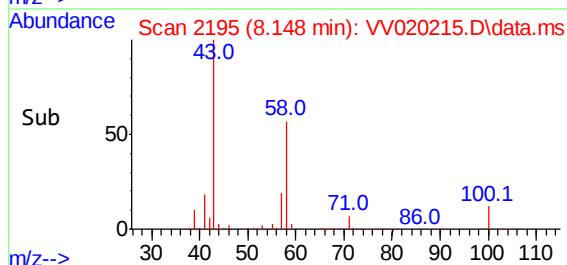
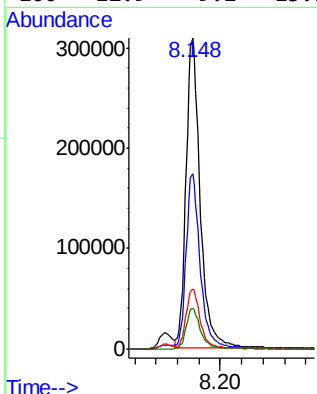
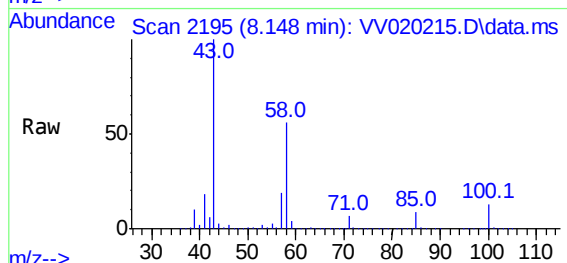




#48
2-Hexanone
Concen: 46.28 ug/L
RT: 8.148 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VV020215.D
Acq: 28 Jan 2021 16:51

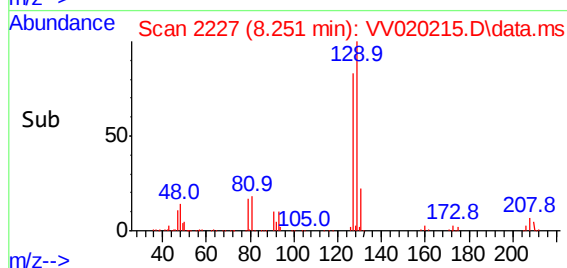
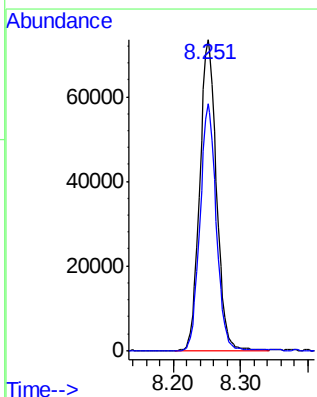
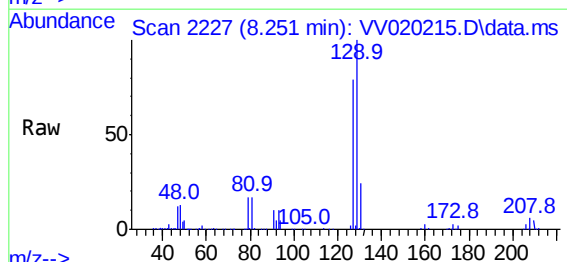
Instrument :
MSVOA_V
ClientSampleId :
VSTD005702

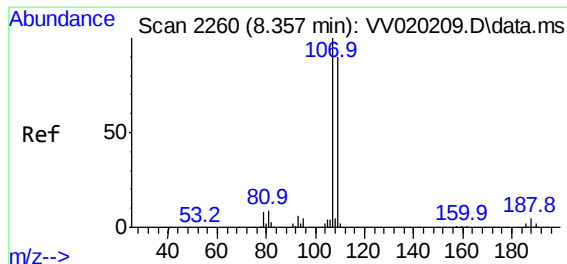
Tgt Ion: 43 Resp: 571743
Ion Ratio Lower Upper
43 100
58 55.8 42.4 63.6
57 19.1 14.8 22.2
100 12.9 9.1 13.7



#49
Dibromochloromethane
Concen: 4.75 ug/L
RT: 8.251 min Scan# 2227
Delta R.T. 0.000 min
Lab File: VV020215.D
Acq: 28 Jan 2021 16:51

Tgt Ion: 129 Resp: 126905
Ion Ratio Lower Upper
129 100
127 79.4 55.0 102.2

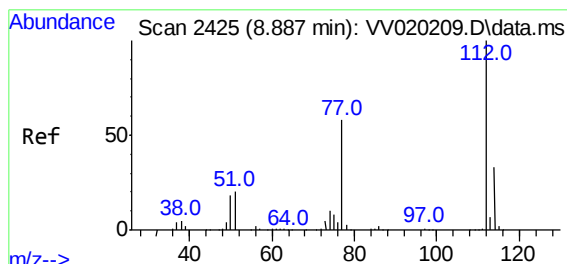
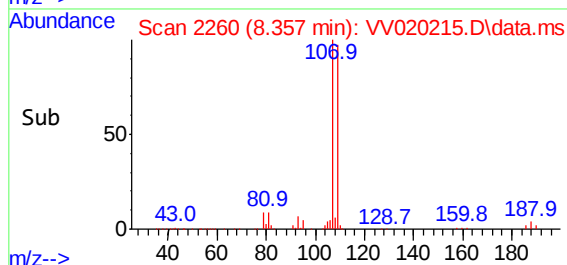
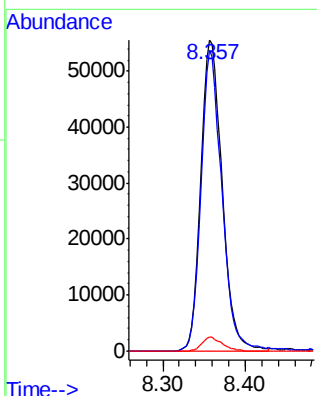
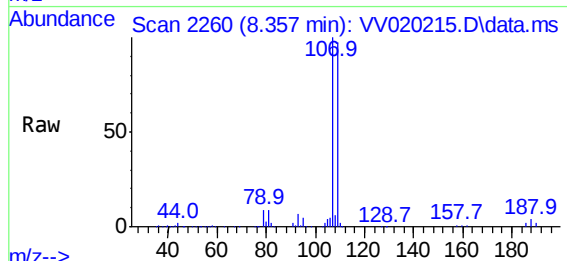




#50
1,2-Dibromoethane
Concen: 4.64 ug/L
RT: 8.357 min Scan# 2260
Delta R.T. 0.000 min
Lab File: VV020215.D
Acq: 28 Jan 2021 16:51

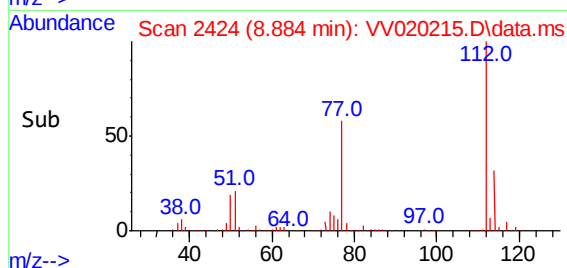
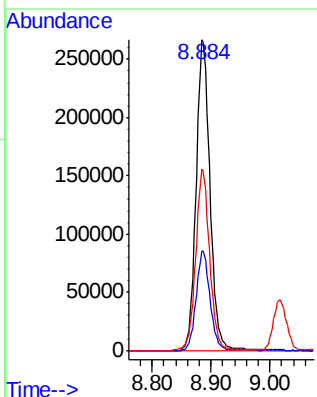
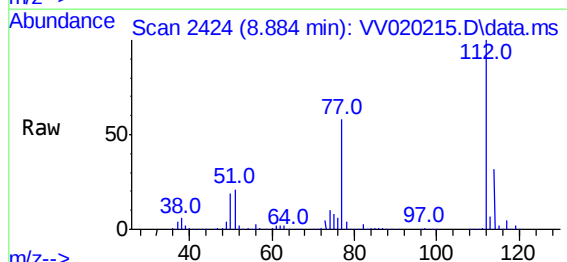
Instrument :
MSVOA_V
ClientSampleId :
VSTD005702

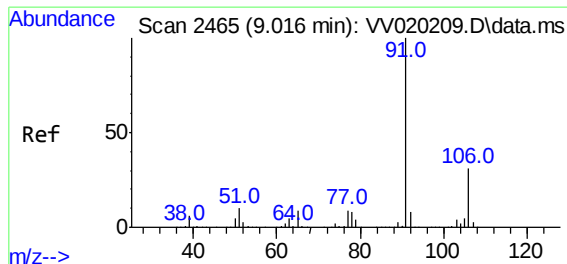
Tgt Ion:107 Resp: 99238
Ion Ratio Lower Upper
107 100
109 96.8 63.8 118.4
188 4.5 2.5 3.7#



#51
Chlorobenzene
Concen: 4.79 ug/L
RT: 8.884 min Scan# 2424
Delta R.T. -0.003 min
Lab File: VV020215.D
Acq: 28 Jan 2021 16:51

Tgt Ion:112 Resp: 444406
Ion Ratio Lower Upper
112 100
114 32.0 21.8 40.6
77 58.5 51.0 76.4

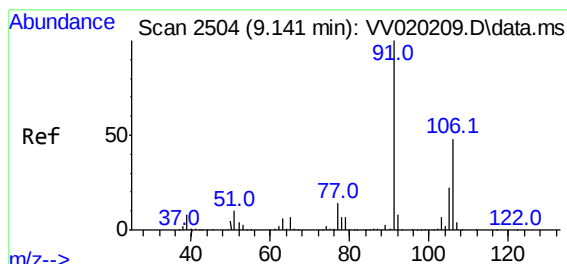
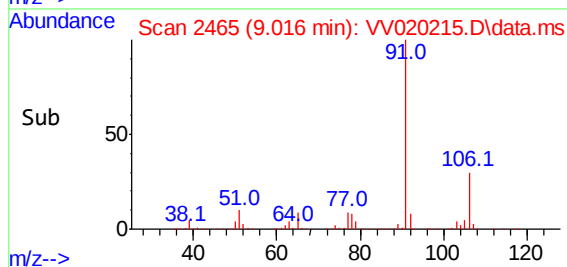
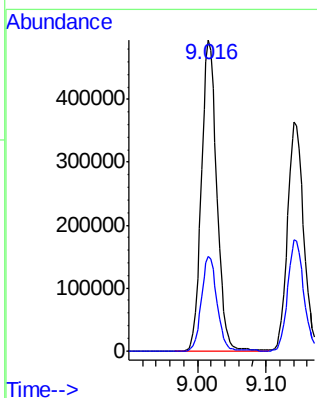
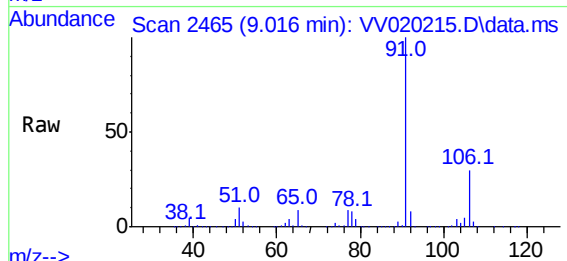




#52
Ethylbenzene
Concen: 4.85 ug/L
RT: 9.016 min Scan# 2465
Delta R.T. 0.000 min
Lab File: VV020215.D
Acq: 28 Jan 2021 16:51

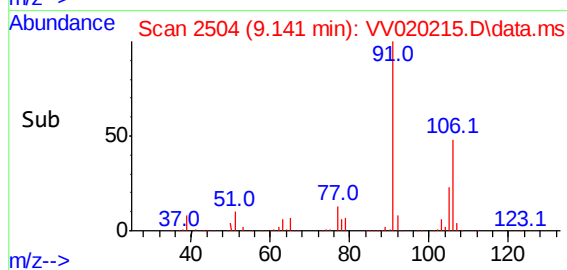
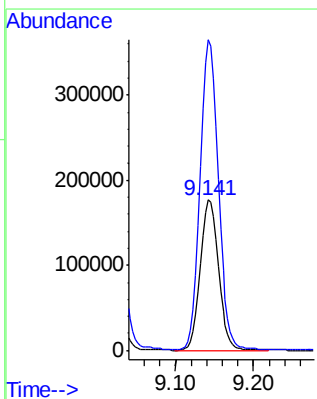
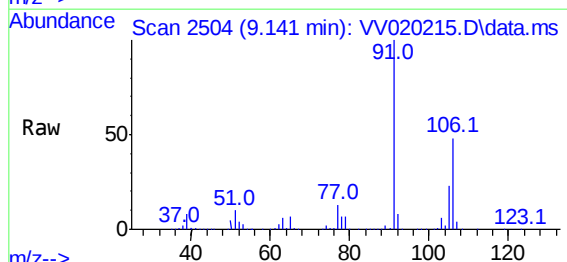
Instrument :
MSVOA_V
ClientSampleId :
VSTD005702

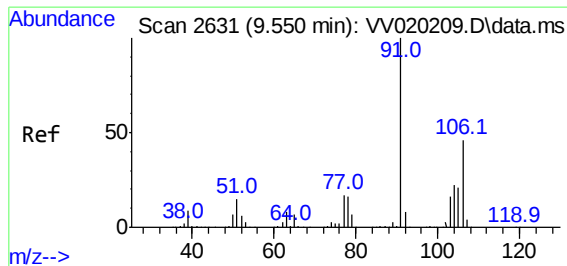
Tgt Ion: 91 Resp: 763462
Ion Ratio Lower Upper
91 100
106 30.3 20.9 38.7



#53
m,p-xylene
Concen: 4.87 ug/L
RT: 9.141 min Scan# 2504
Delta R.T. 0.000 min
Lab File: VV020215.D
Acq: 28 Jan 2021 16:51

Tgt Ion: 106 Resp: 286034
Ion Ratio Lower Upper
106 100
91 206.9 147.1 273.1

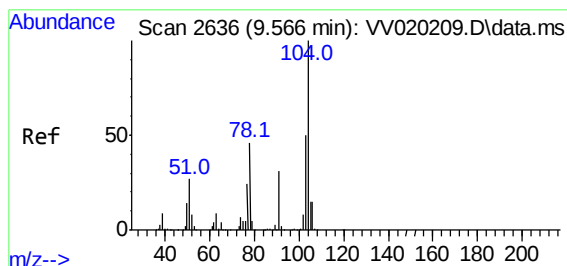
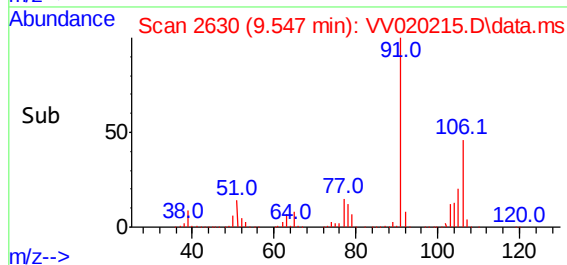
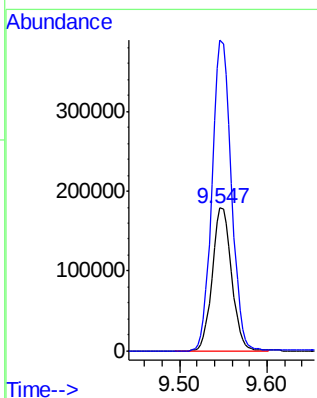
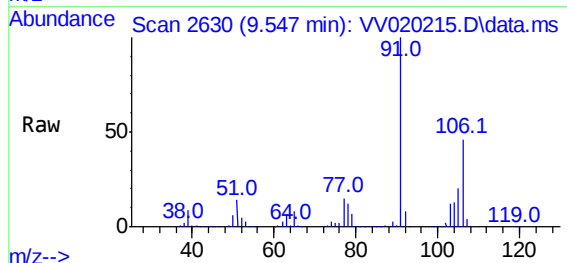




#54
o-xylene
Concen: 4.83 ug/L
RT: 9.547 min Scan# 2630
Delta R.T. -0.003 min
Lab File: VV020215.D
Acq: 28 Jan 2021 16:51

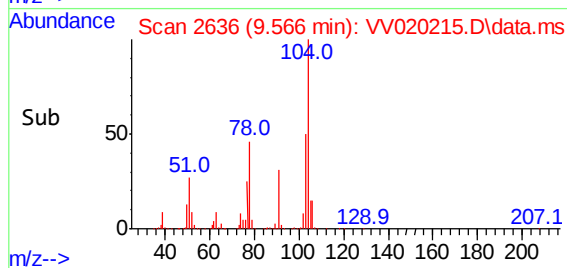
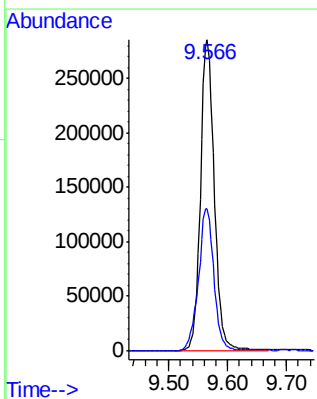
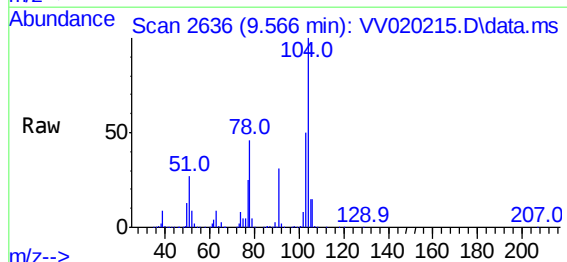
Instrument :
MSVOA_V
ClientSampleId :
VSTD005702

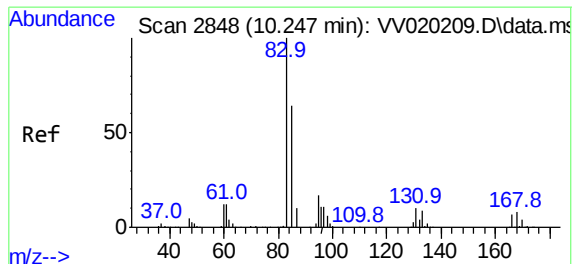
Tgt Ion:106 Resp: 274113
Ion Ratio Lower Upper
106 100
91 217.5 155.8 289.3



#55
Styrene
Concen: 4.87 ug/L
RT: 9.566 min Scan# 2636
Delta R.T. 0.000 min
Lab File: VV020215.D
Acq: 28 Jan 2021 16:51

Tgt Ion:104 Resp: 468920
Ion Ratio Lower Upper
104 100
78 45.5 33.7 62.7

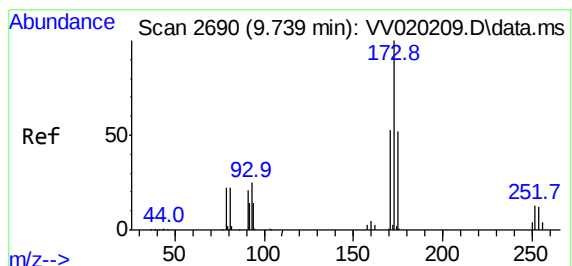
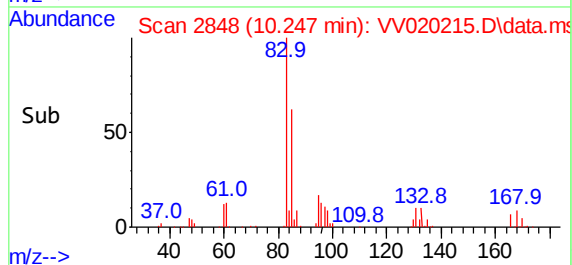
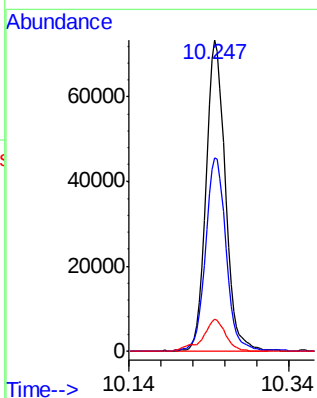
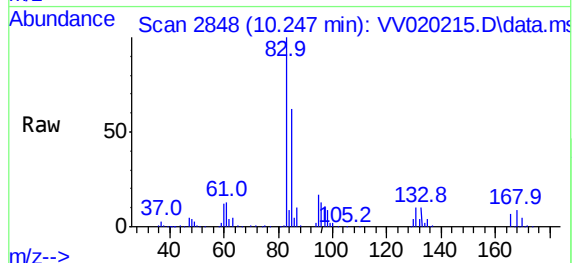




#57
1,1,2,2-Tetrachloroethane
Concen: 4.92 ug/L
RT: 10.247 min Scan# 2848
Delta R.T. 0.000 min
Lab File: VV020215.D
Acq: 28 Jan 2021 16:51

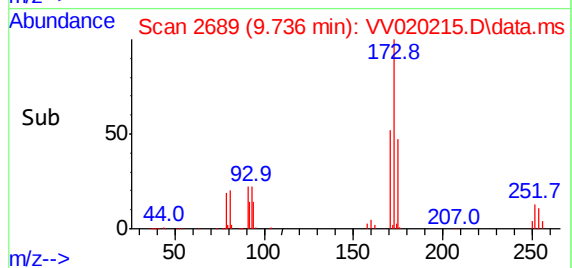
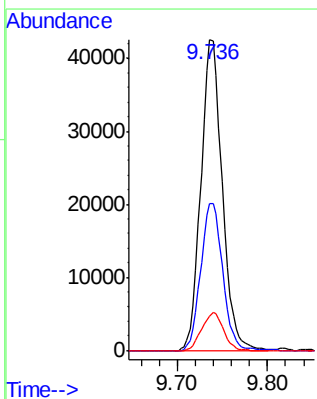
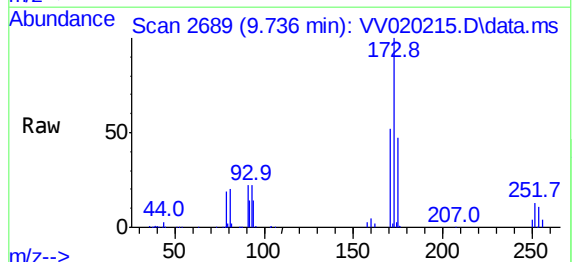
Instrument :
MSVOA_V
ClientSampleId :
VSTD005702

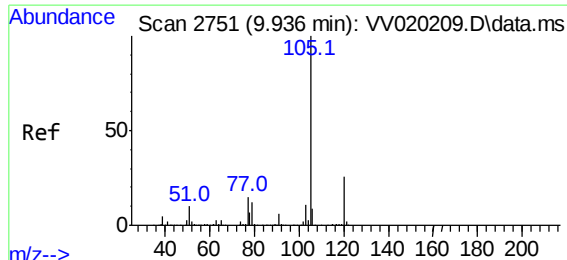
Tgt Ion: 83 Resp: 117496
Ion Ratio Lower Upper
83 100
85 62.2 44.3 82.3
131 10.2 7.4 11.2



#59
Bromoform
Concen: 4.71 ug/L
RT: 9.736 min Scan# 2689
Delta R.T. -0.003 min
Lab File: VV020215.D
Acq: 28 Jan 2021 16:51

Tgt Ion: 173 Resp: 69418
Ion Ratio Lower Upper
173 100
175 48.6 38.3 57.5
254 12.5 6.4 9.6#

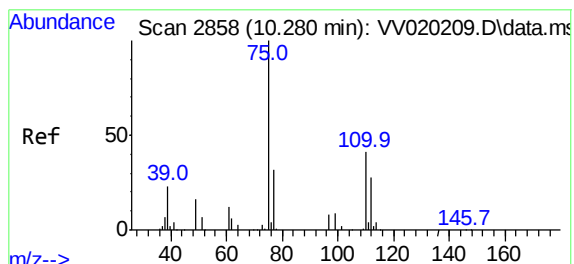
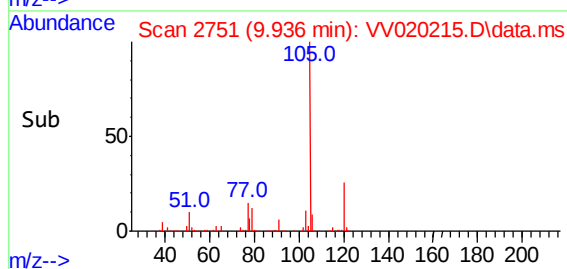
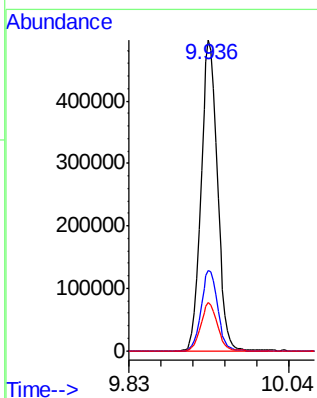
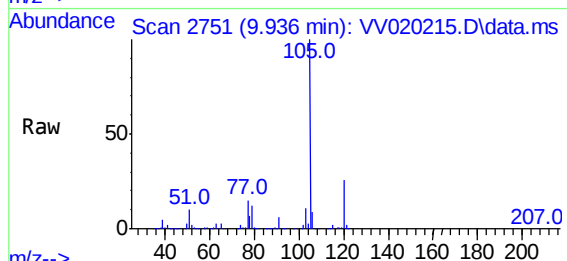




#60
Isopropylbenzene
Concen: 5.02 ug/L
RT: 9.936 min Scan# 2751
Delta R.T. 0.000 min
Lab File: VV020215.D
Acq: 28 Jan 2021 16:51

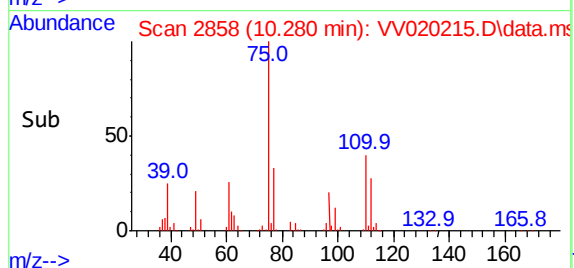
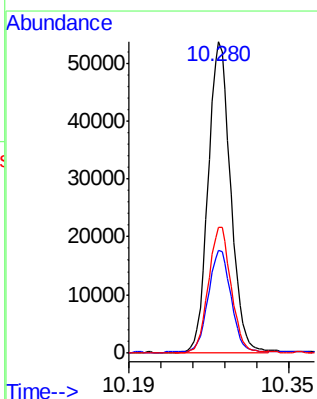
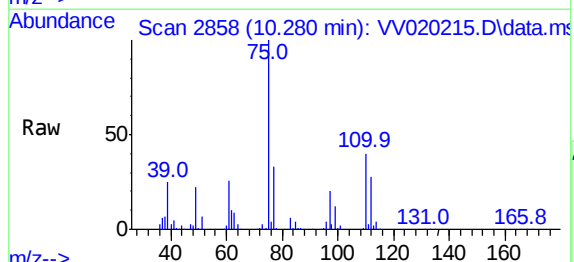
Instrument :
MSVOA_V
ClientSampleId :
VSTD005702

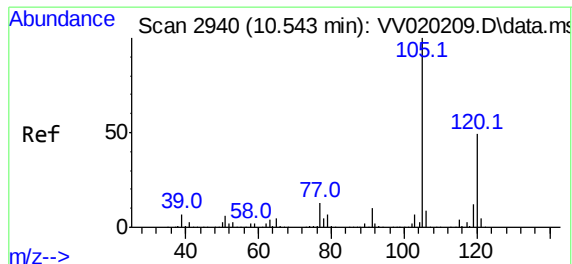
Tgt Ion:105 Resp: 759181
Ion Ratio Lower Upper
105 100
120 26.0 20.4 30.6
77 15.5 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 4.87 ug/L
RT: 10.280 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VV020215.D
Acq: 28 Jan 2021 16:51

Tgt Ion: 75 Resp: 86414
Ion Ratio Lower Upper
75 100
77 32.5 25.6 38.4
110 40.6 30.5 45.7



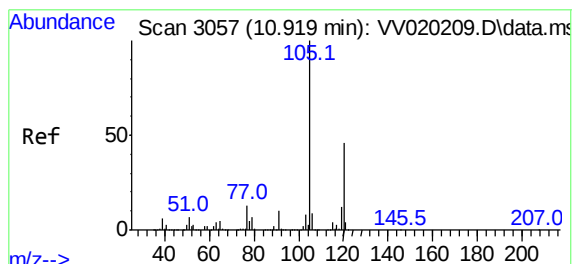
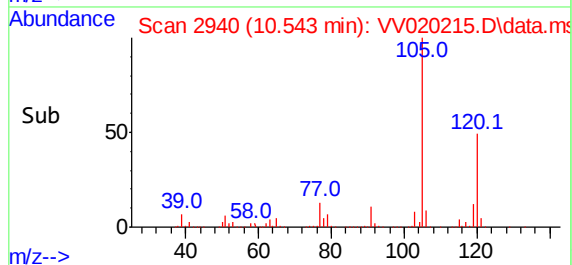
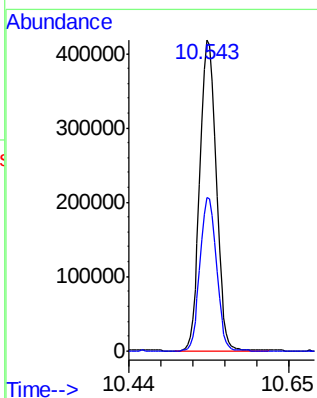
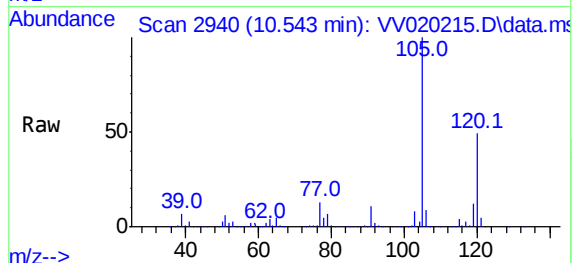


#62
 1,3,5-Trimethylbenzene
 Concen: 4.96 ug/L
 RT: 10.543 min Scan# 2940
 Delta R.T. 0.000 min
 Lab File: VV020215.D
 Acq: 28 Jan 2021 16:51

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005702

Tgt Ion:105 Resp: 620376

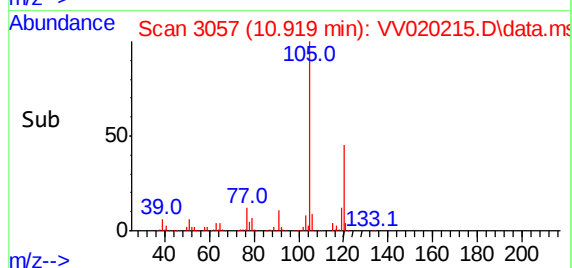
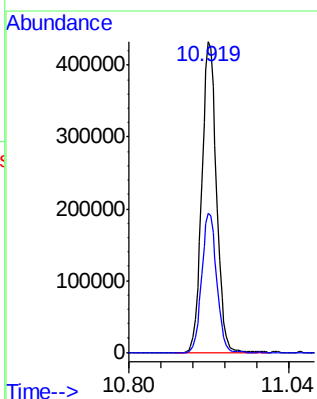
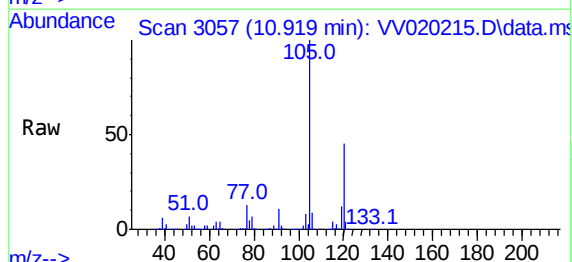
Ion	Ratio	Lower	Upper
105	100		
120	49.5	37.8	56.6

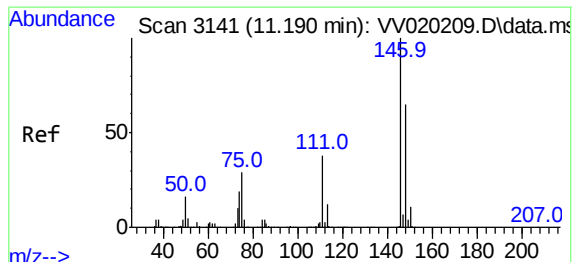


#63
 1,2,4-Trimethylbenzene
 Concen: 4.97 ug/L
 RT: 10.919 min Scan# 3057
 Delta R.T. 0.000 min
 Lab File: VV020215.D
 Acq: 28 Jan 2021 16:51

Tgt Ion:105 Resp: 637065

Ion	Ratio	Lower	Upper
105	100		
120	45.4	34.9	52.3

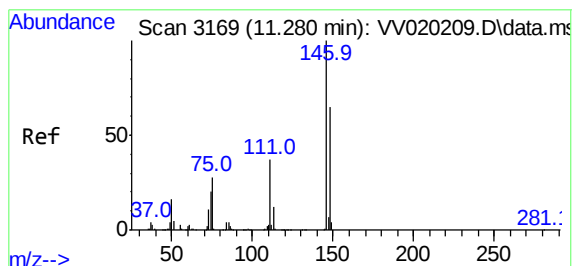
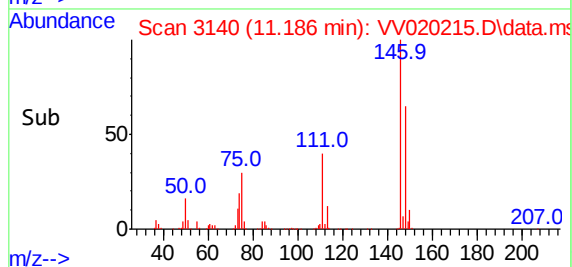
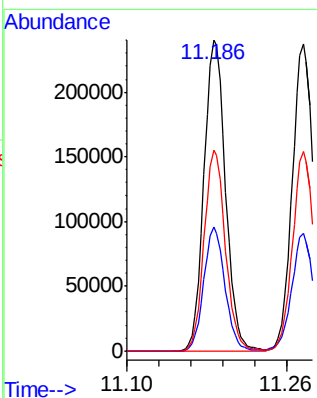
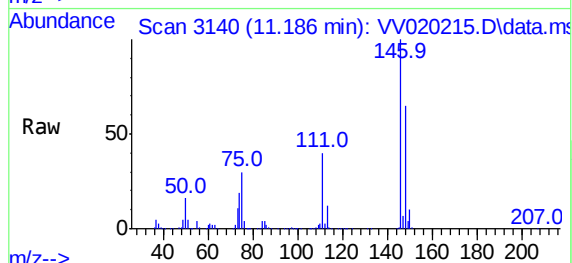




#64
1,3-Dichlorobenzene
Concen: 4.71 ug/L
RT: 11.186 min Scan# 3140
Delta R.T. -0.003 min
Lab File: VV020215.D
Acq: 28 Jan 2021 16:51

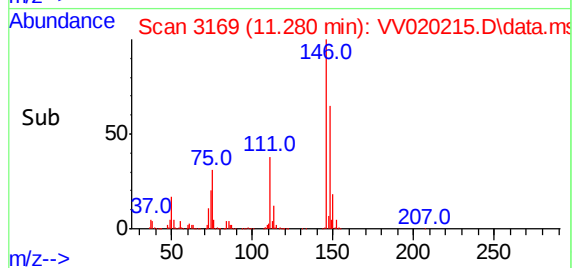
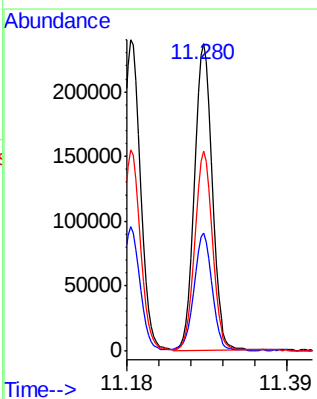
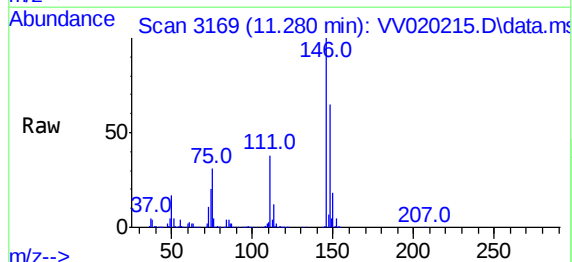
Instrument :
MSVOA_V
ClientSampleId :
VSTD005702

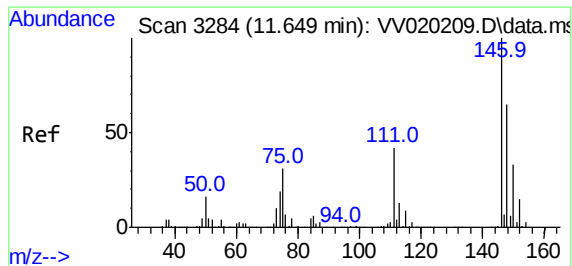
Tgt Ion:146 Resp: 370920
Ion Ratio Lower Upper
146 100
111 39.7 30.4 56.5
148 64.7 45.8 85.2



#65
1,4-Dichlorobenzene
Concen: 4.64 ug/L
RT: 11.280 min Scan# 3169
Delta R.T. 0.000 min
Lab File: VV020215.D
Acq: 28 Jan 2021 16:51

Tgt Ion:146 Resp: 369520
Ion Ratio Lower Upper
146 100
111 38.2 29.7 55.1
148 64.9 45.1 83.7

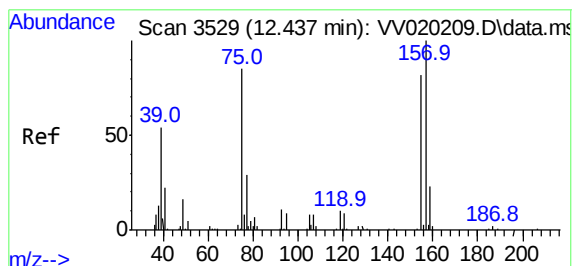
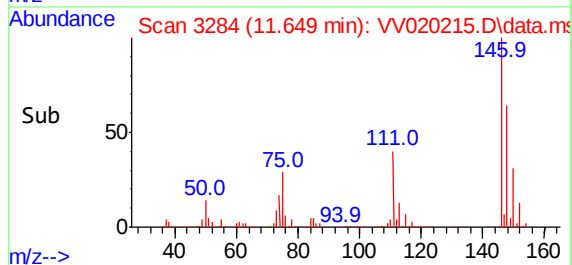
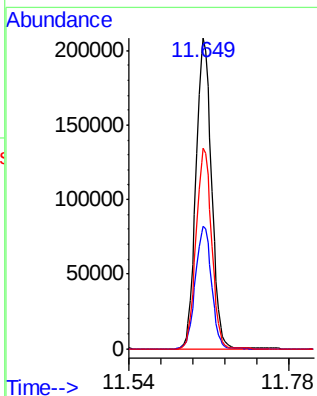
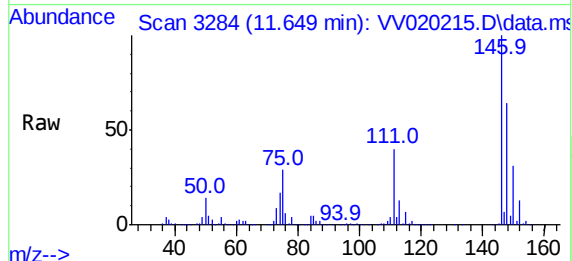




#67
1,2-Dichlorobenzene
Concen: 4.67 ug/L
RT: 11.649 min Scan# 3284
Delta R.T. 0.000 min
Lab File: VV020215.D
Acq: 28 Jan 2021 16:51

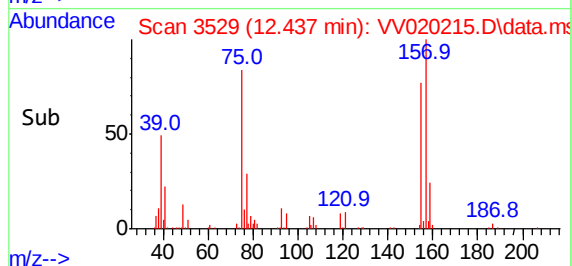
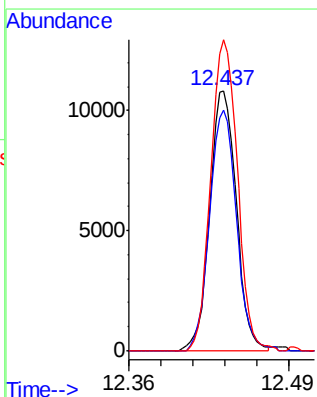
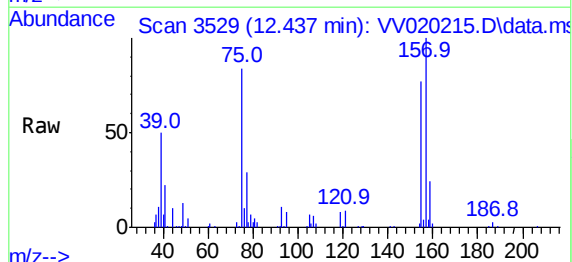
Instrument :
MSVOA_V
ClientSampleId :
VSTD005702

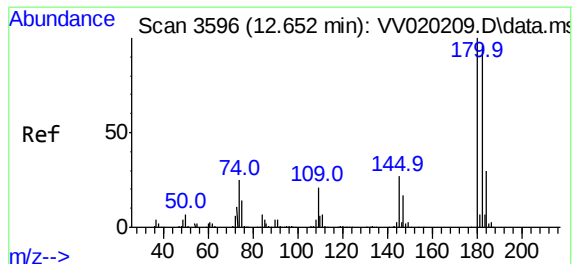
Tgt Ion:146 Resp: 333002
Ion Ratio Lower Upper
146 100
111 39.6 37.7 56.5
148 64.4 50.6 75.8



#68
1,2-Dibromo-3-chloropropane
Concen: 4.09 ug/L
RT: 12.437 min Scan# 3529
Delta R.T. 0.000 min
Lab File: VV020215.D
Acq: 28 Jan 2021 16:51

Tgt Ion: 75 Resp: 17104
Ion Ratio Lower Upper
75 100
155 92.7 56.5 84.7#
157 119.6 74.2 111.2#

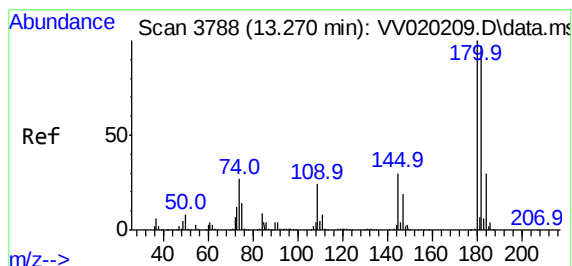
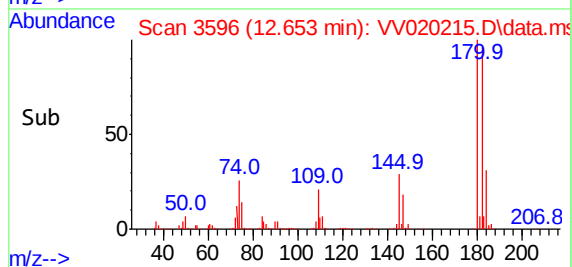
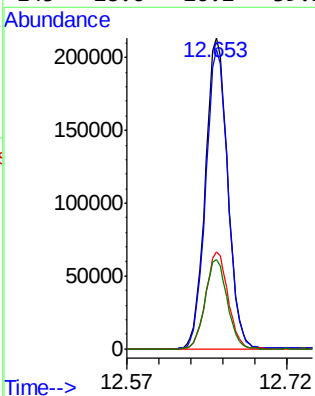
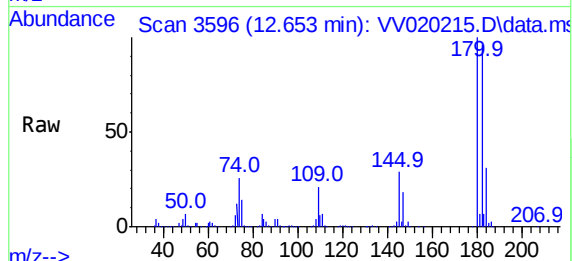




#69
1,3,5-Trichlorobenzene
Concen: 4.73 ug/L
RT: 12.653 min Scan# 3596
Delta R.T. 0.000 min
Lab File: VV020215.D
Acq: 28 Jan 2021 16:51

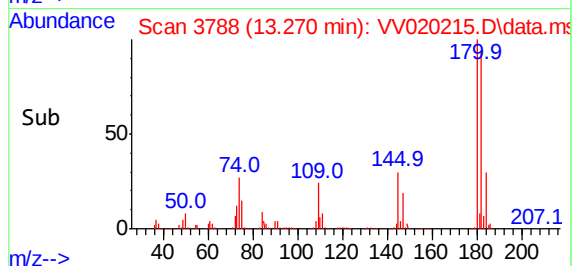
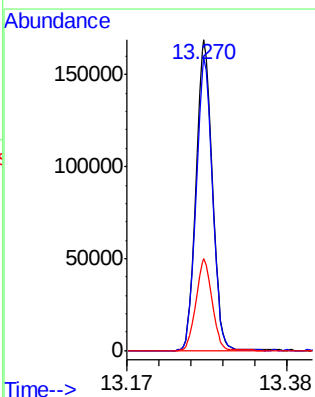
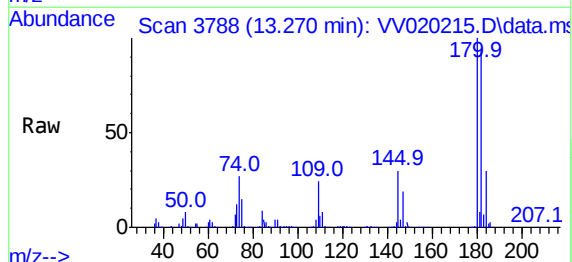
Instrument :
MSVOA_V
ClientSampleId :
VSTD005702

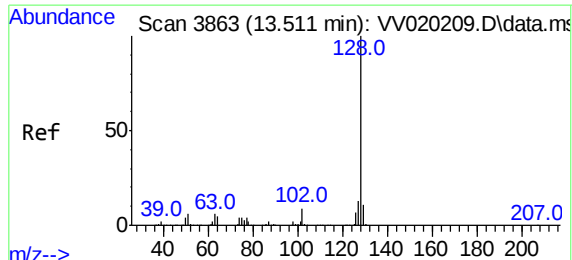
Tgt Ion:180 Resp: 321089
Ion Ratio Lower Upper
180 100
182 95.6 75.9 113.9
184 31.0 23.5 35.3
145 28.6 26.2 39.2



#70
1,2,4-trichlorobenzene
Concen: 4.69 ug/L
RT: 13.270 min Scan# 3788
Delta R.T. 0.000 min
Lab File: VV020215.D
Acq: 28 Jan 2021 16:51

Tgt Ion:180 Resp: 258190
Ion Ratio Lower Upper
180 100
182 94.7 75.9 113.9
145 29.2 26.6 39.8



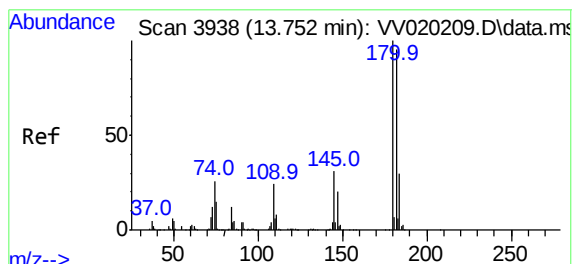
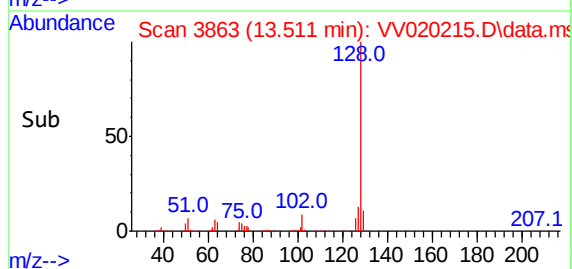
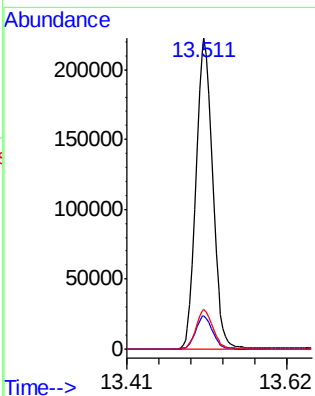
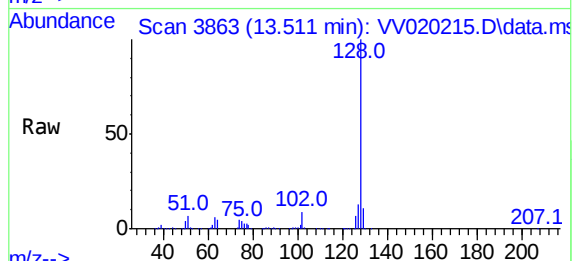


#71
Naphthalene
Concen: 4.66 ug/L
RT: 13.511 min Scan# 3863
Delta R.T. 0.000 min
Lab File: VV020215.D
Acq: 28 Jan 2021 16:51

Instrument :
MSVOA_V
ClientSampleId :
VSTD005702

Tgt Ion:128 Resp: 349154

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.5	12.7
127	12.6	10.2	15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.59 ug/L
RT: 13.752 min Scan# 3938
Delta R.T. 0.000 min
Lab File: VV020215.D
Acq: 28 Jan 2021 16:51

Tgt Ion:180 Resp: 223985

Ion	Ratio	Lower	Upper
180	100		
182	96.1	74.6	112.0
145	30.9	28.8	43.2

