

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
 Data File : VY007980.D
 Acq On : 22 Mar 2022 02:40
 Operator : SY/MD
 Sample : N2031-03
 Misc : 6.67g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CMP-B1-031822-2-5

Quant Time: Mar 22 03:45:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	221837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	420287	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	377305	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	141702	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	150836	59.634	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.260%
35) Dibromofluoromethane	7.716	113	132426	44.865	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.740%
50) Toluene-d8	10.179	98	518716	59.290	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	118.580%
62) 4-Bromofluorobenzene	12.483	95	172535	40.729	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.460%

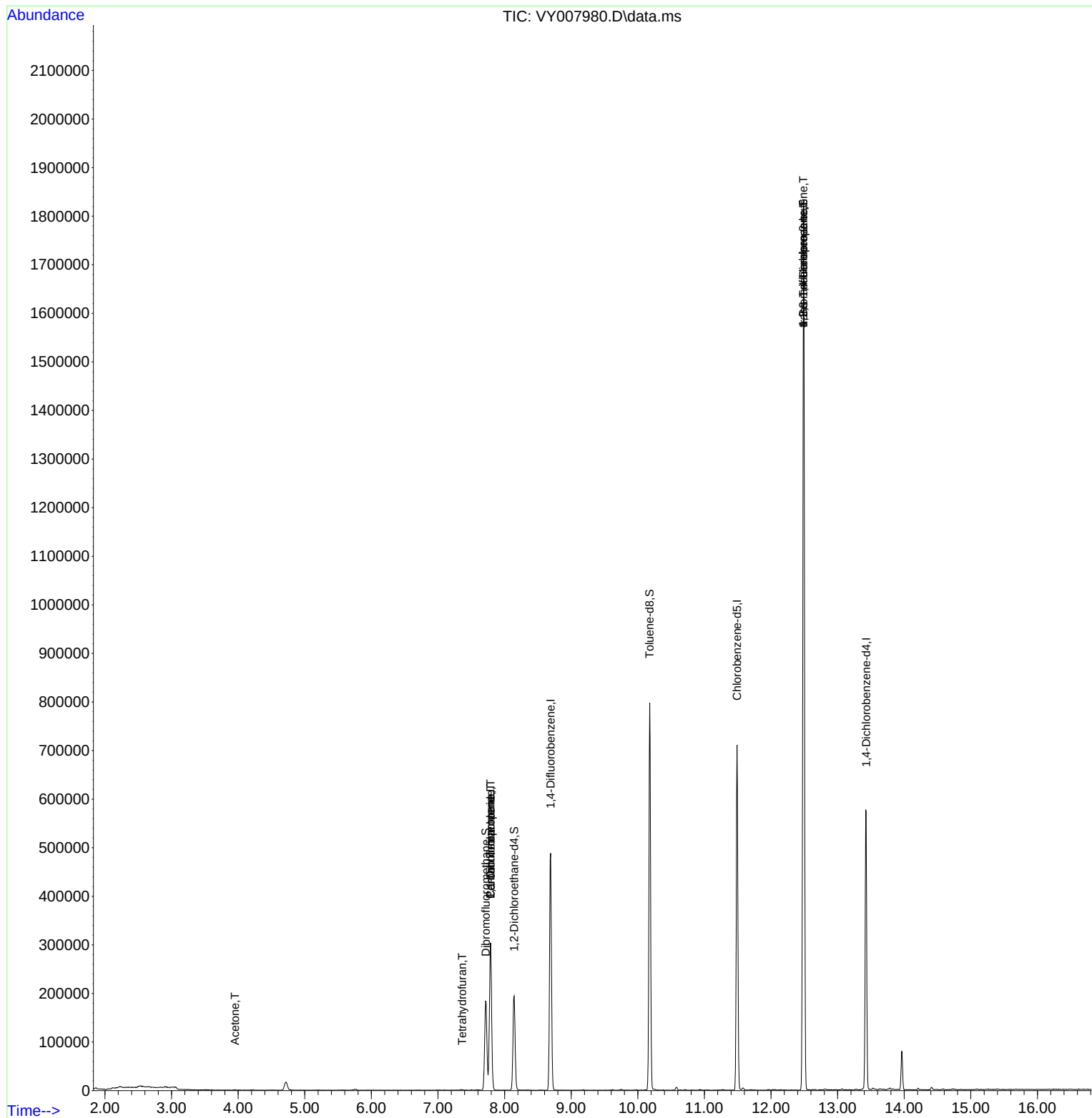
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.900	85	24	Below Cal	# 43
3) Chloromethane	2.107	50	922	Below Cal	# 84
4) Vinyl Chloride	2.235	62	229	Below Cal	# 43
5) Bromomethane	2.668	94	303	Below Cal	# 89
16) Acetone	3.954	43	1197	1.784	ug/l 98
17) Carbon Disulfide	4.186	76	231	Below Cal	# 75
18) Methyl Acetate	4.472	43	368	Below Cal	# 56
29) Tetrahydrofuran	7.362	42	1253	1.819	ug/l # 86
31) Cyclohexane	7.789	56	5466	Below Cal	# 4
36) 1,1-Dichloropropene	7.789	75	19877	4.540	ug/l # 51
38) Carbon Tetrachloride	7.789	117	24181	5.169	ug/l # 15
39) Methylcyclohexane	9.173	83	118	Below Cal	# 58
76) 1,2,3-Trichloropropane	12.483	75	104670	51.824	ug/l # 100
81) trans-1,4-Dichloro-2-b...	12.483	75	104670	108.851	ug/l # 9

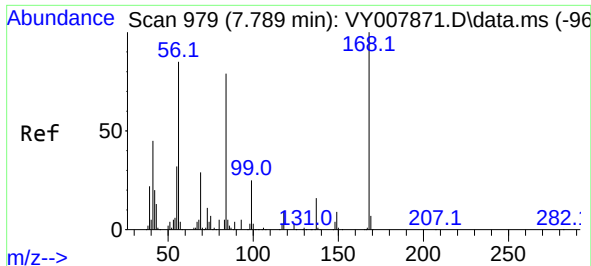
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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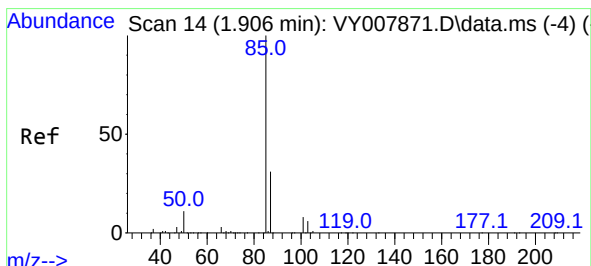
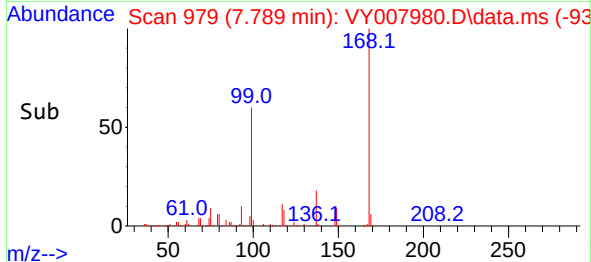
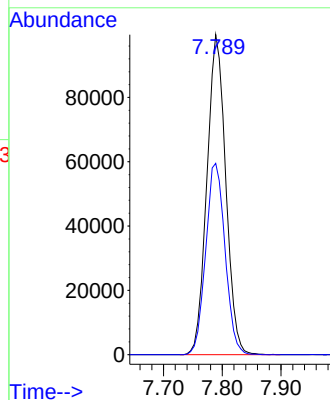
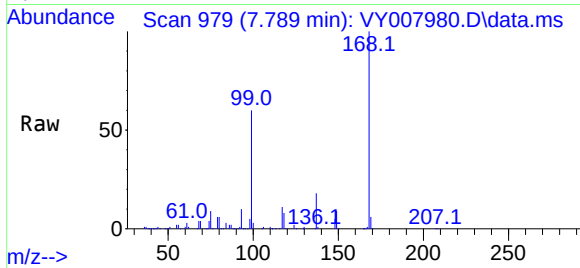




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007980.D
Acq: 22 Mar 2022 02:40

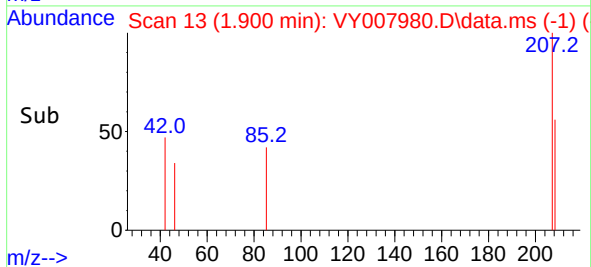
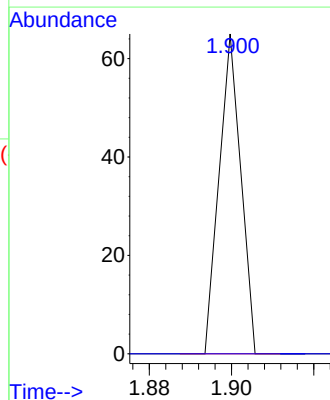
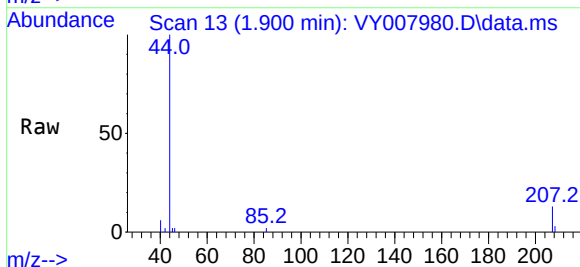
Instrument :
MSVOA_Y
ClientSampleId :
CMP-B1-031822-2-5

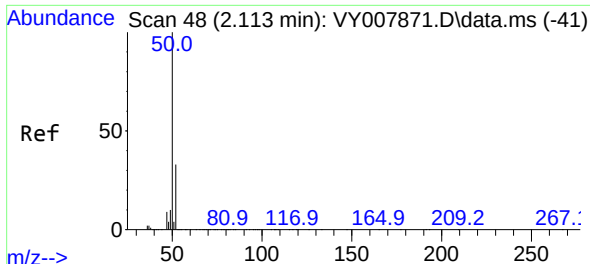
Tgt Ion:168 Resp: 221837
Ion Ratio Lower Upper
168 100
99 59.8 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY007980.D
Acq: 22 Mar 2022 02:40

Tgt Ion: 85 Resp: 24
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

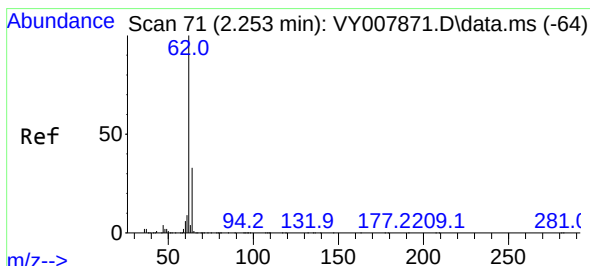
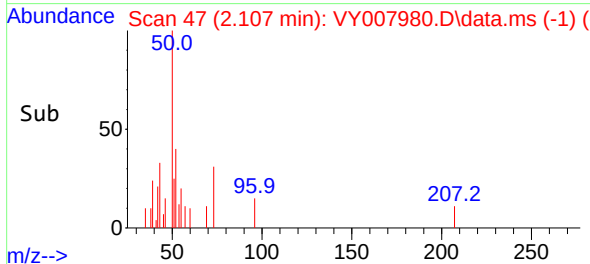
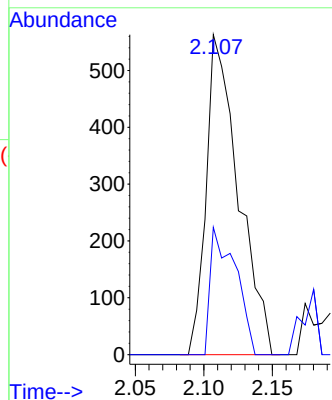
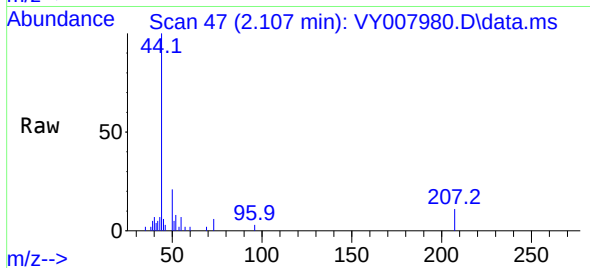




#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY007980.D
Acq: 22 Mar 2022 02:40

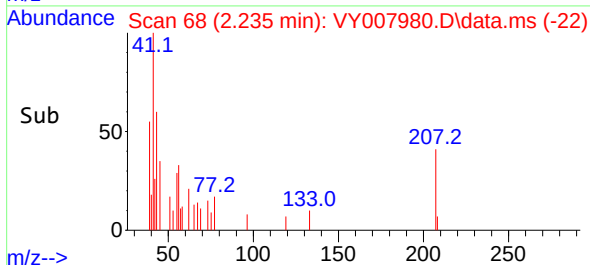
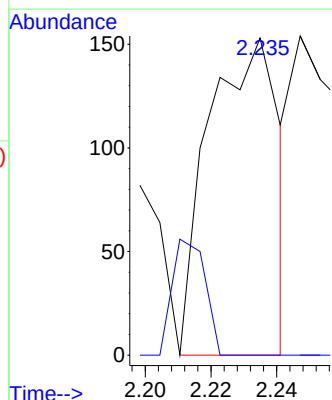
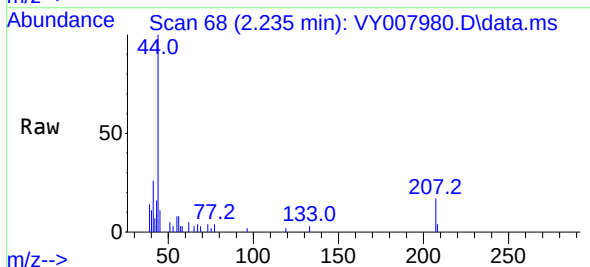
Instrument :
MSVOA_Y
ClientSampleId :
CMP-B1-031822-2-5

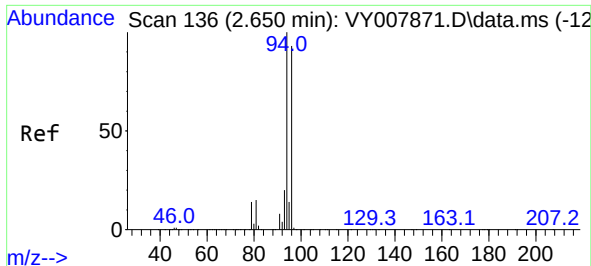
Tgt Ion: 50 Resp: 922
Ion Ratio Lower Upper
50 100
52 39.8 24.6 37.0#



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.235 min Scan# 68
Delta R.T. -0.019 min
Lab File: VY007980.D
Acq: 22 Mar 2022 02:40

Tgt Ion: 62 Resp: 229
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

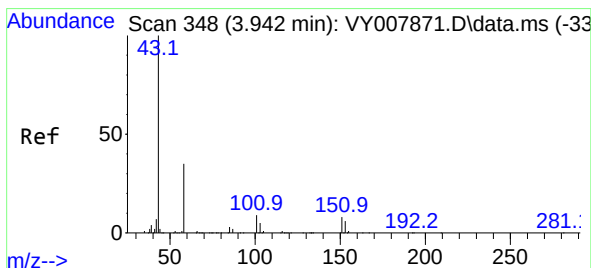
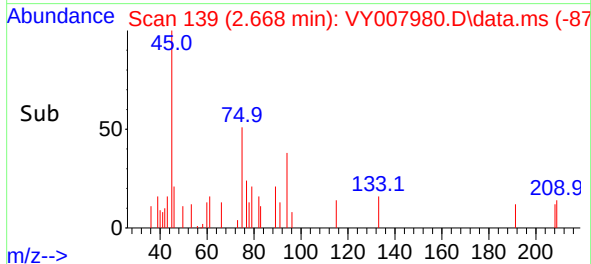
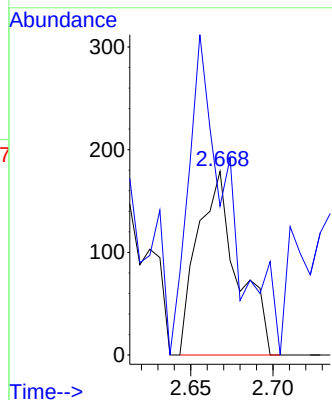
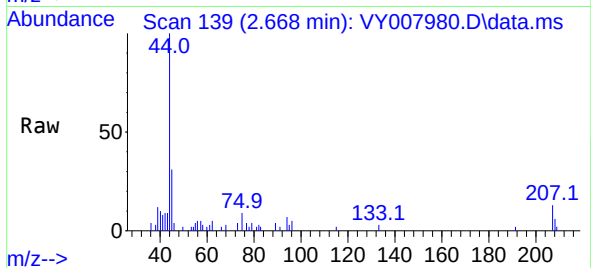




#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY007980.D
Acq: 22 Mar 2022 02:40

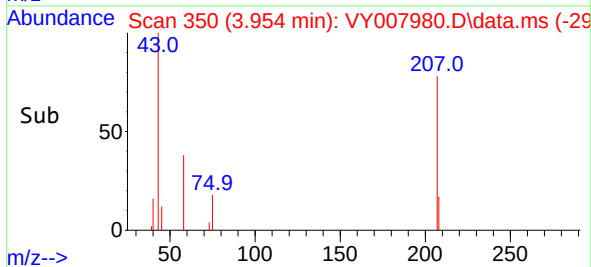
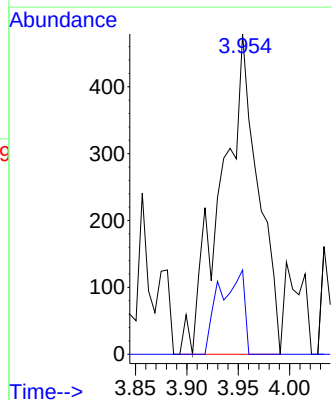
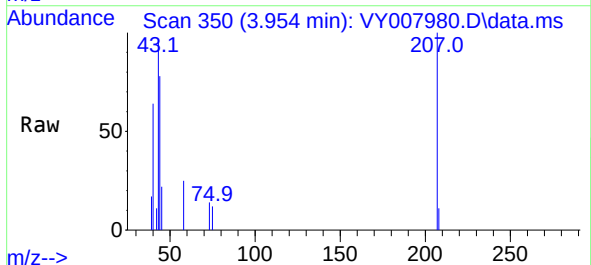
Instrument :
MSVOA_Y
ClientSampleId :
CMP-B1-031822-2-5

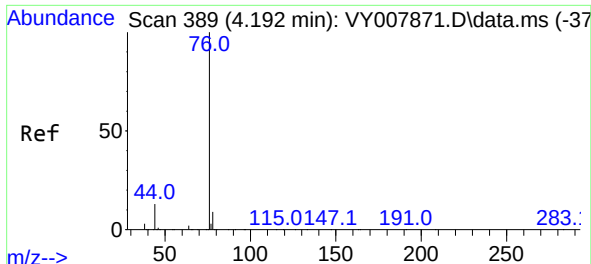
Tgt Ion: 94 Resp: 303
Ion Ratio Lower Upper
94 100
96 81.0 73.5 110.3



#16
Acetone
Concen: 1.784 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY007980.D
Acq: 22 Mar 2022 02:40

Tgt Ion: 43 Resp: 1197
Ion Ratio Lower Upper
43 100
58 26.3 22.0 33.0

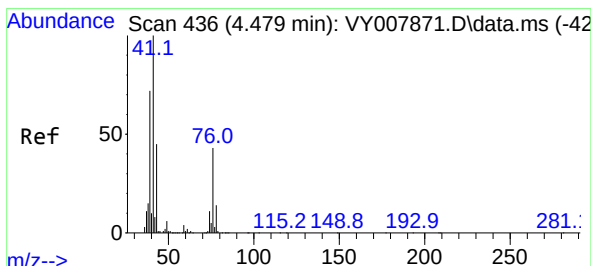
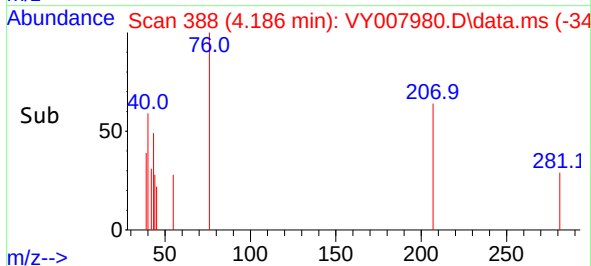
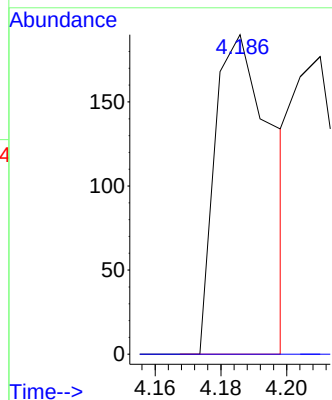
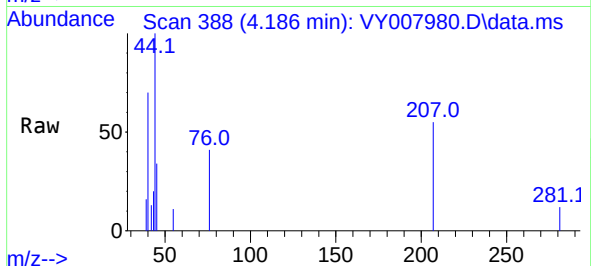




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.186 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY007980.D
Acq: 22 Mar 2022 02:40

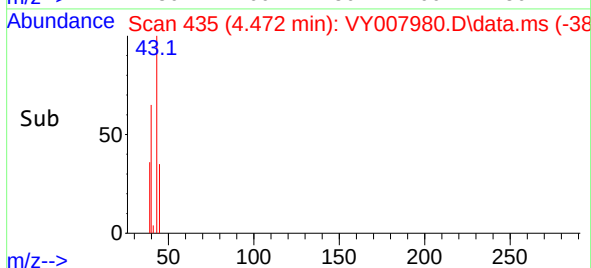
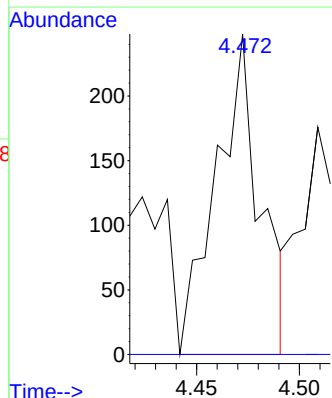
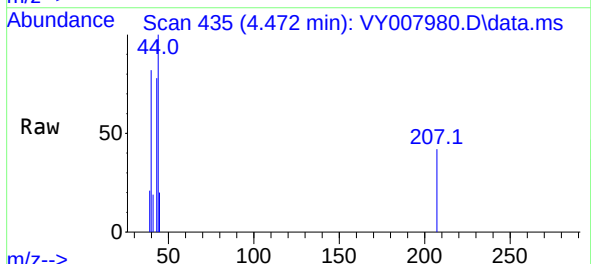
Instrument :
MSVOA_Y
ClientSampleId :
CMP-B1-031822-2-5

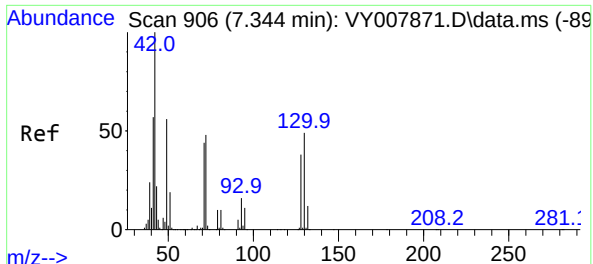
Tgt Ion: 76 Resp: 231
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY007980.D
Acq: 22 Mar 2022 02:40

Tgt Ion: 43 Resp: 368
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

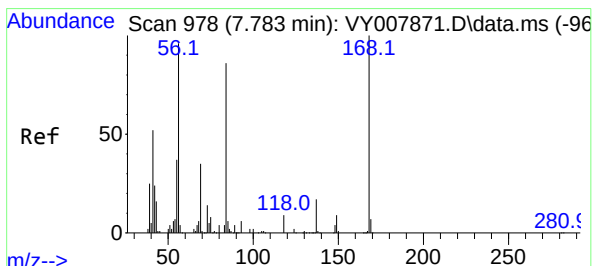
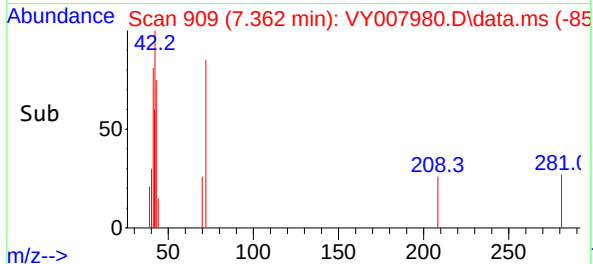
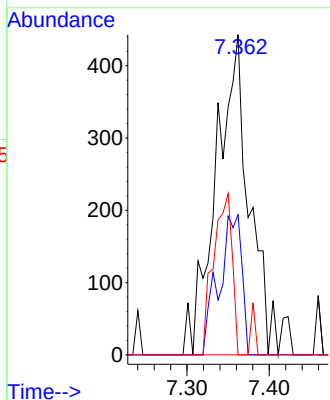
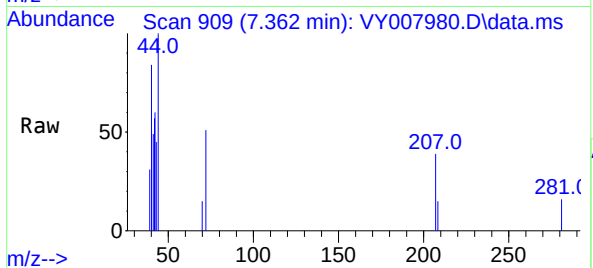




#29
Tetrahydrofuran
Concen: 1.819 ug/l
RT: 7.362 min Scan# 906
Delta R.T. 0.018 min
Lab File: VY007980.D
Acq: 22 Mar 2022 02:40

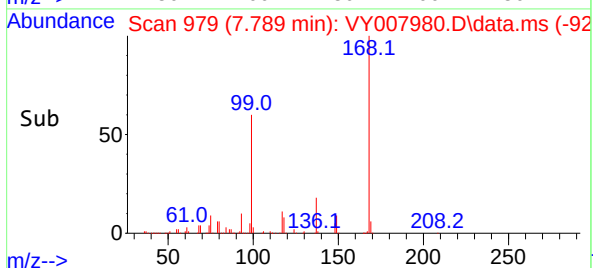
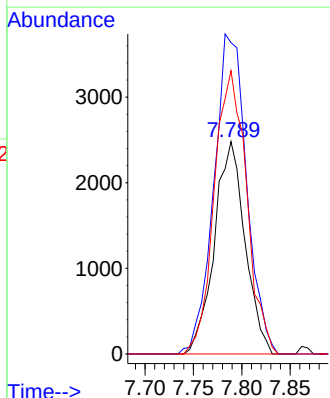
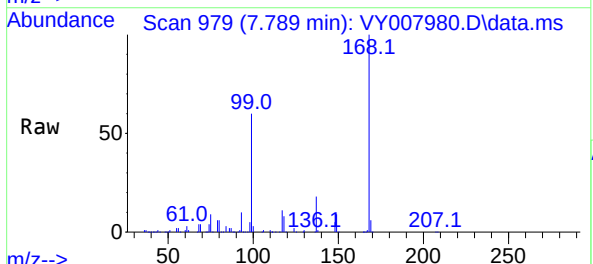
Instrument :
MSVOA_Y
ClientSampleId :
CMP-B1-031822-2-5

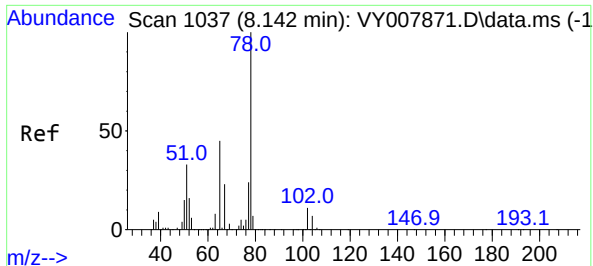
Tgt Ion:	42	Resp:	1253
Ion	Ratio	Lower	Upper
42	100		
72	29.8	30.3	45.5#
71	28.1	29.0	43.4#



#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY007980.D
Acq: 22 Mar 2022 02:40

Tgt Ion:	56	Resp:	5466
Ion	Ratio	Lower	Upper
56	100		
69	146.7	26.7	40.1#
84	133.4	67.2	100.8#

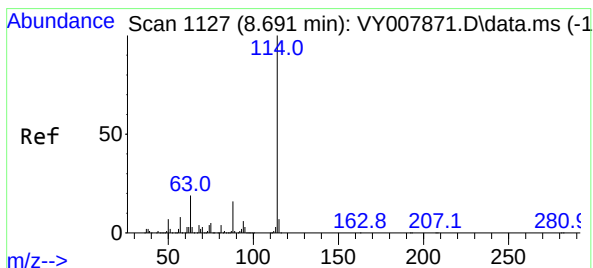
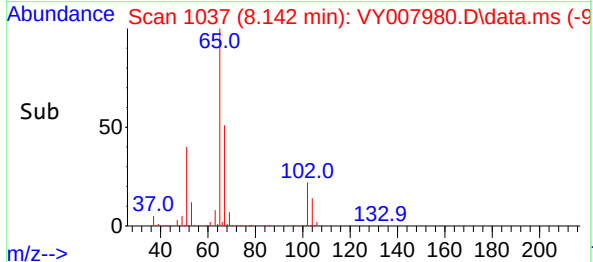
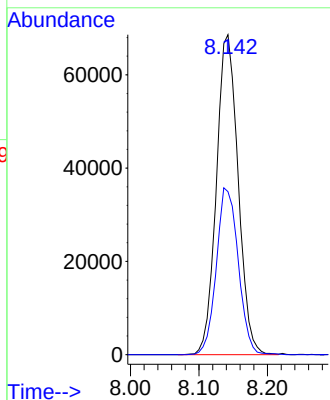
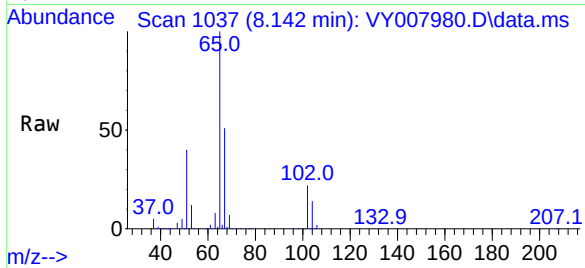




#33
1,2-Dichloroethane-d4
Concen: 59.634 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007980.D
Acq: 22 Mar 2022 02:40

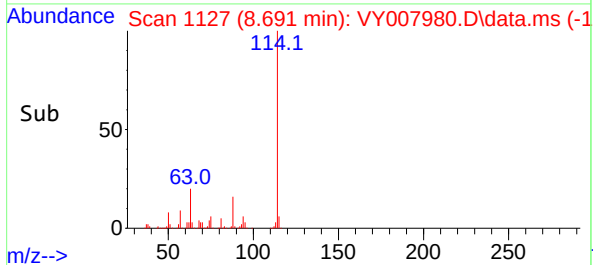
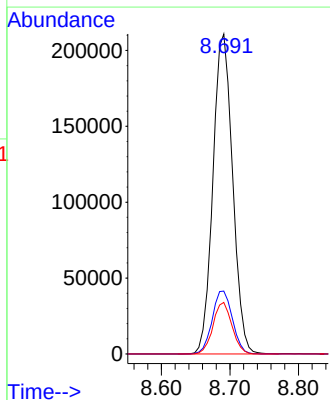
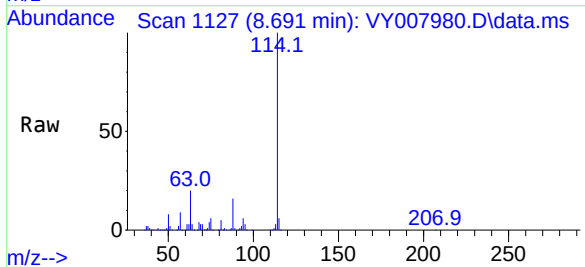
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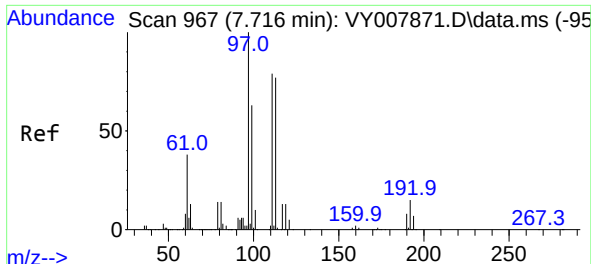
Tgt Ion: 65 Resp: 150836
Ion Ratio Lower Upper
65 100
67 52.6 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY007980.D
Acq: 22 Mar 2022 02:40

Tgt Ion:114 Resp: 420287
Ion Ratio Lower Upper
114 100
63 19.7 0.0 43.2
88 16.1 0.0 31.8

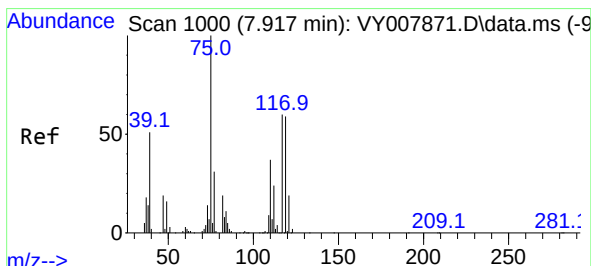
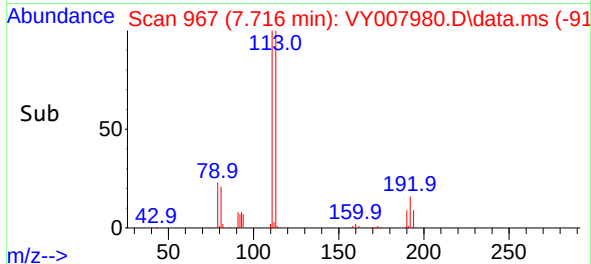
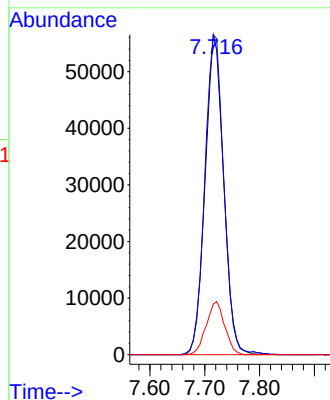
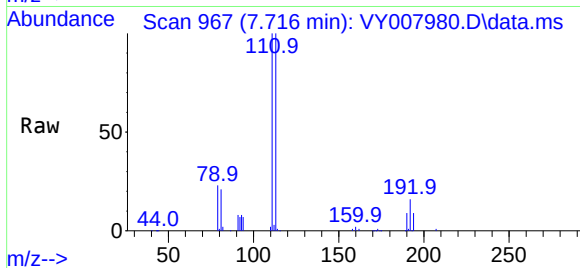




#35
Dibromofluoromethane
Concen: 44.865 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY007980.D
Acq: 22 Mar 2022 02:40

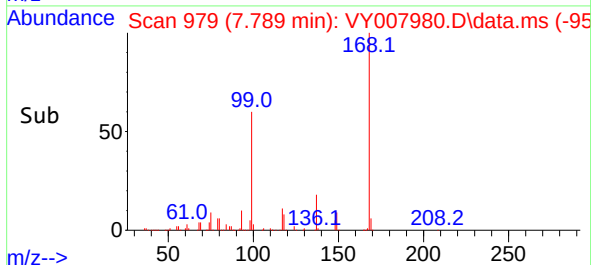
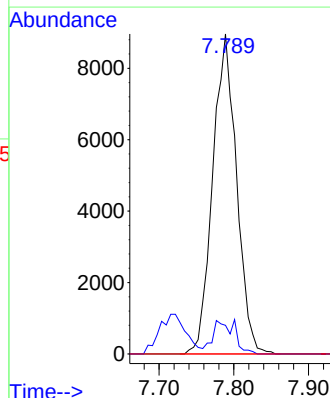
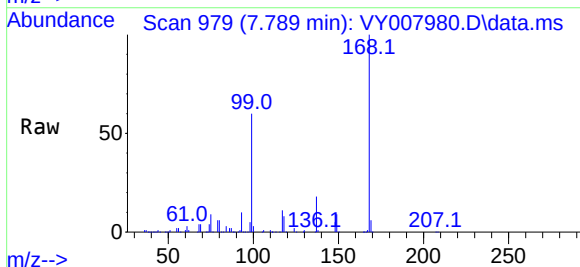
Instrument :
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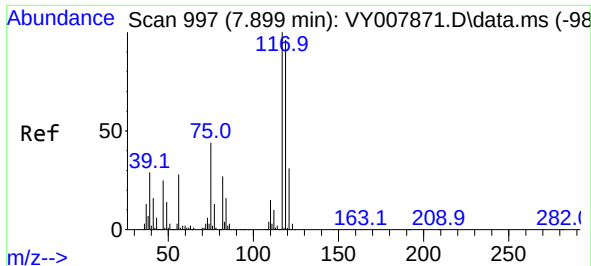
Tgt Ion:113 Resp: 132426
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 16.5 17.6 26.4#



#36
1,1-Dichloropropene
Concen: 4.540 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007980.D
Acq: 22 Mar 2022 02:40

Tgt Ion: 75 Resp: 19877
Ion Ratio Lower Upper
75 100
110 9.6 17.1 51.2#
77 0.0 24.4 36.6#

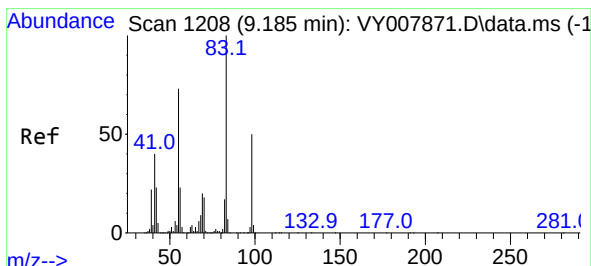
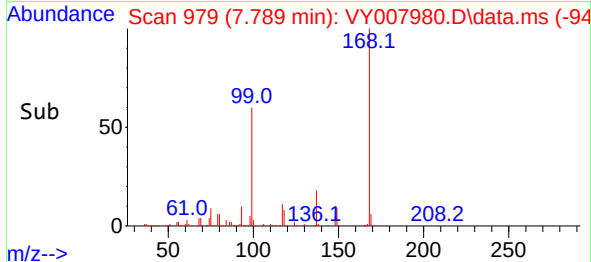
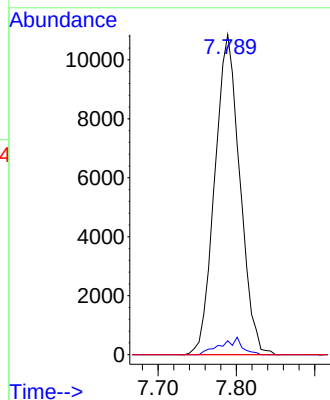
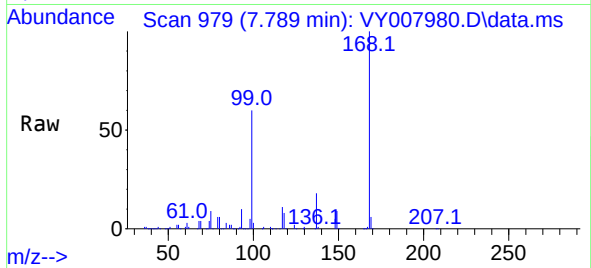




#38
Carbon Tetrachloride
Concen: 5.169 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007980.D
Acq: 22 Mar 2022 02:40

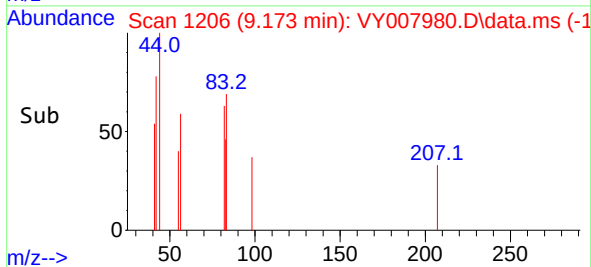
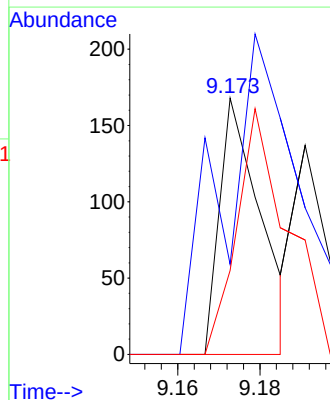
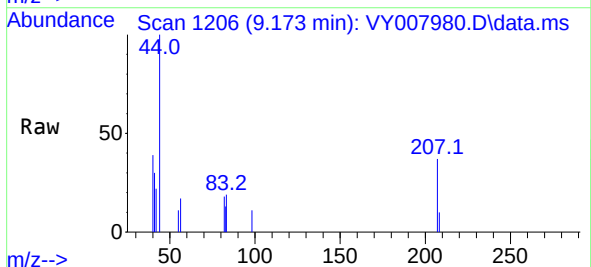
Instrument :
MSVOA_Y
ClientSampleId :
CMP-B1-031822-2-5

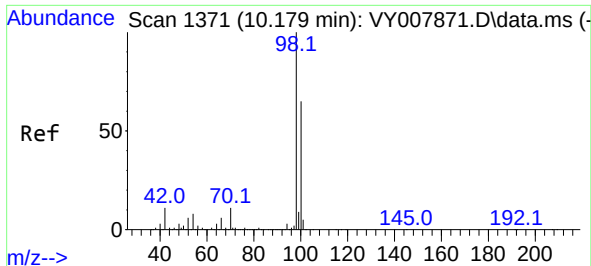
Tgt Ion:117 Resp: 24181
Ion Ratio Lower Upper
117 100
119 4.4 77.9 116.9#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: Below Cal
RT: 9.173 min Scan# 1206
Delta R.T. -0.012 min
Lab File: VY007980.D
Acq: 22 Mar 2022 02:40

Tgt Ion: 83 Resp: 118
Ion Ratio Lower Upper
83 100
55 35.1 66.5 99.7#
98 32.7 37.9 56.9#

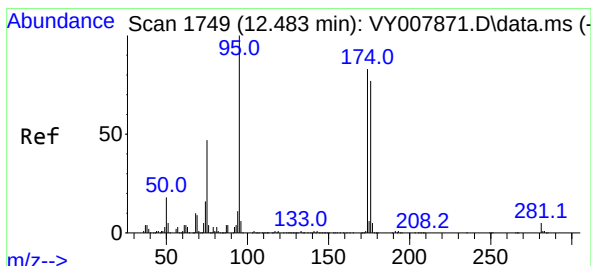
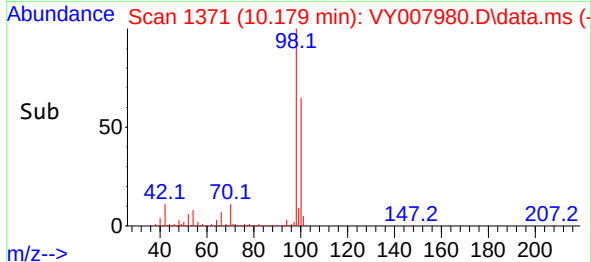
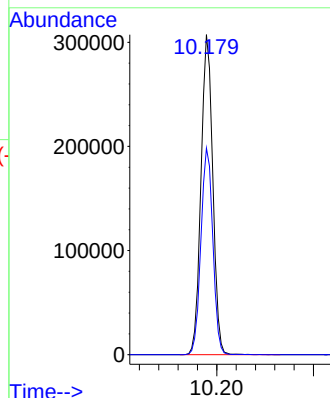
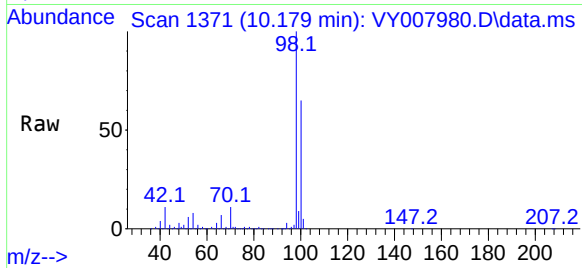




#50
Toluene-d8
Concen: 59.290 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007980.D
Acq: 22 Mar 2022 02:40

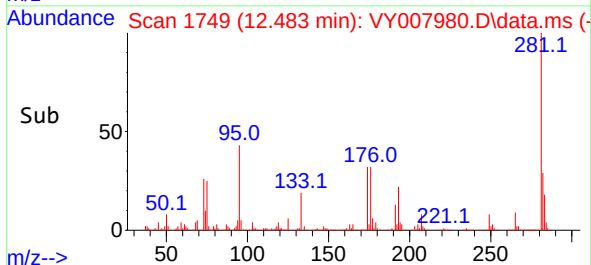
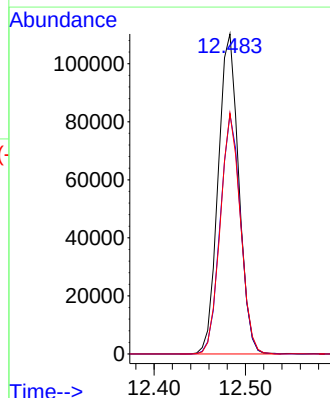
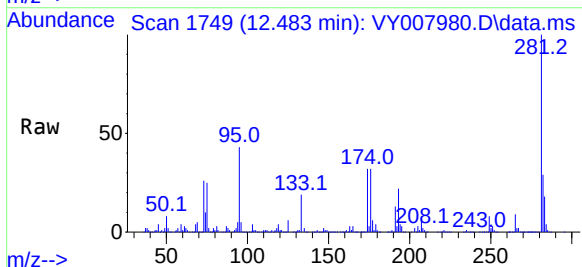
Instrument :
MSVOA_Y
ClientSampleId :
CMP-B1-031822-2-5

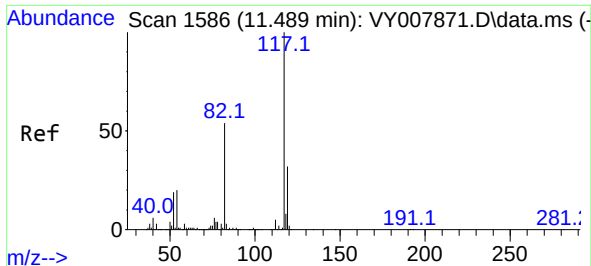
Tgt Ion: 98 Resp: 518716
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.729 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007980.D
Acq: 22 Mar 2022 02:40

Tgt Ion: 95 Resp: 172535
Ion Ratio Lower Upper
95 100
174 74.0 0.0 177.0
176 73.6 0.0 175.8

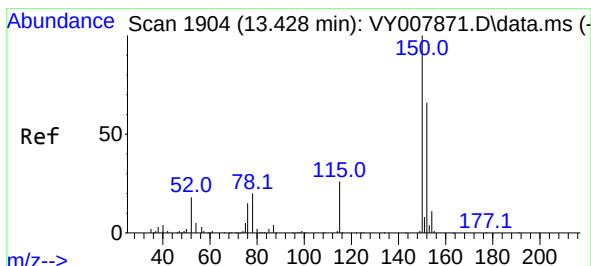
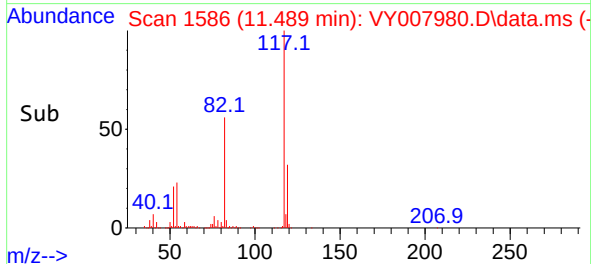
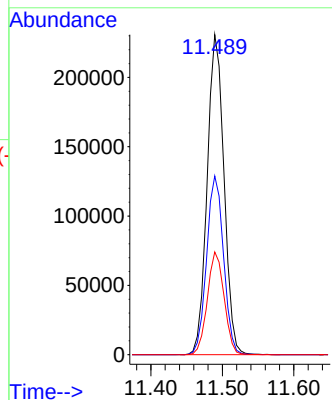
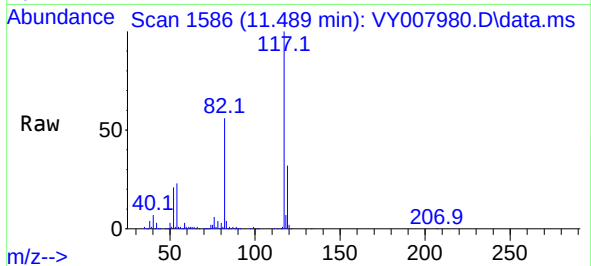




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007980.D
Acq: 22 Mar 2022 02:40

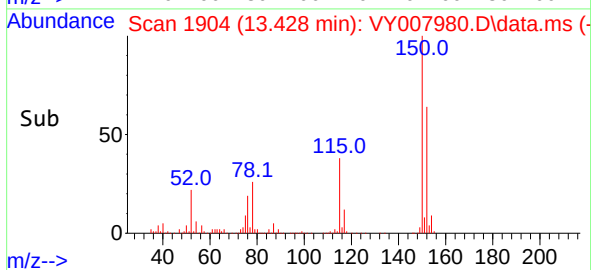
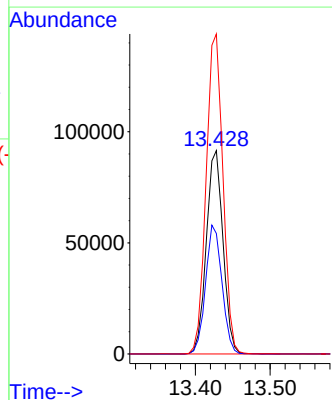
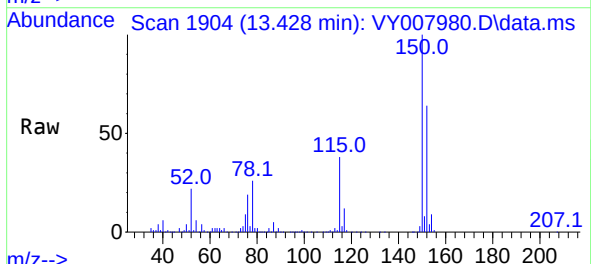
Instrument :
MSVOA_Y
ClientSampleId :
CMP-B1-031822-2-5

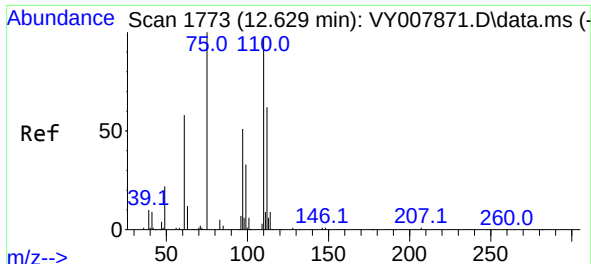
Tgt Ion:	117	Resp:	377305
Ion	Ratio	Lower	Upper
117	100		
82	55.8	43.0	64.4
119	32.1	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY007980.D
Acq: 22 Mar 2022 02:40

Tgt Ion:	152	Resp:	141702
Ion	Ratio	Lower	Upper
152	100		
115	62.4	28.2	84.7
150	158.3	0.0	347.6

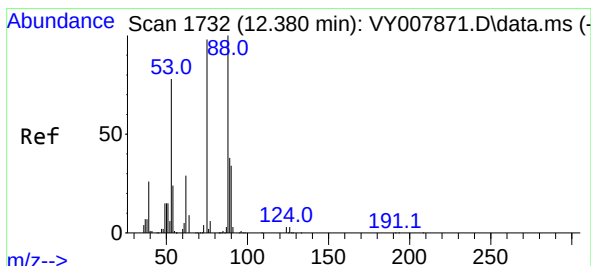
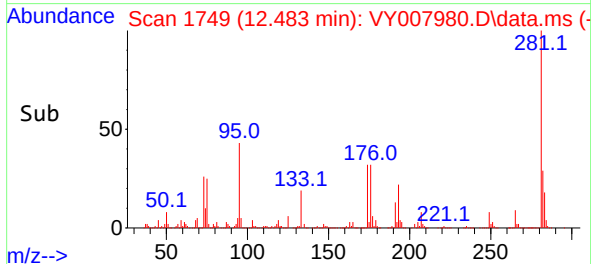
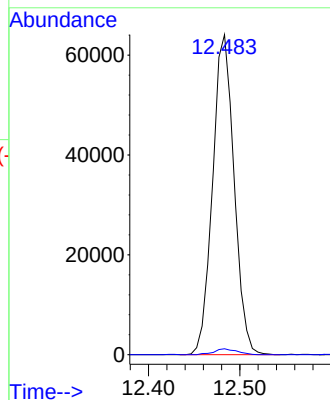
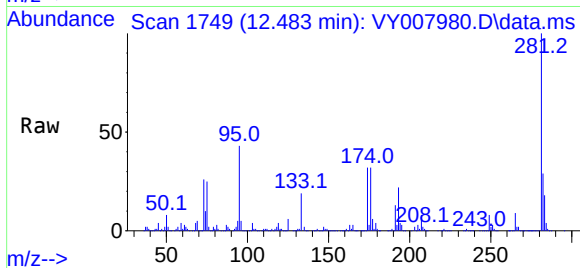




#76
1,2,3-Trichloropropane
Concen: 51.824 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY007980.D
Acq: 22 Mar 2022 02:40

Instrument :
MSVOA_Y
ClientSampleId :
CMP-B1-031822-2-5

Tgt Ion: 75 Resp: 104670
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.851 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY007980.D
Acq: 22 Mar 2022 02:40

Tgt Ion: 75 Resp: 104670
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 4.5 37.0 55.4#

