

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100821\
 Data File : VY006334.D
 Acq On : 07 Oct 2021 16:16
 Operator : SY/MD
 Sample : M4131-03
 Misc : 2.56G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-06(NA)

Quant Time: Oct 08 07:12:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	118529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	192849	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	181933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85406	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	75146	59.235	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.480%	
35) Dibromofluoromethane	7.722	113	58029	56.322	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.640%	
50) Toluene-d8	10.185	98	245199	56.864	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 113.720%	
62) 4-Bromofluorobenzene	12.483	95	75215	51.346	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.700%	

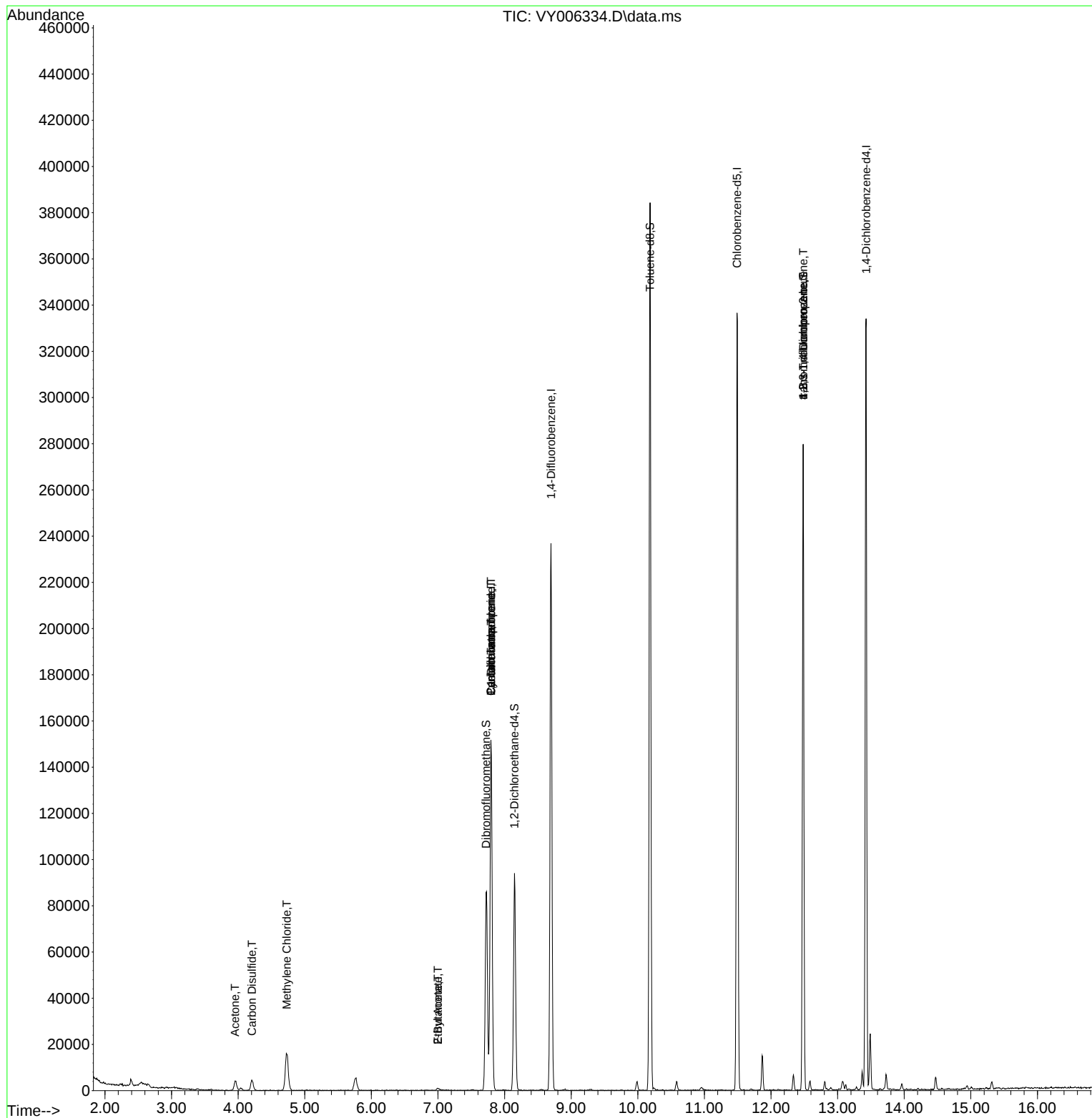
Target Compounds						Qvalue
16) Acetone	3.954	43	7336	20.704	ug/l	90
17) Carbon Disulfide	4.204	76	8264	2.226	ug/l	96
20) Methylene Chloride	4.729	84	12088	6.651	ug/l	94
25) 2-Butanone	6.996	43	1432	2.901	ug/l #	91
31) Cyclohexane	7.795	56	2712	1.128	ug/l #	31
36) 1,1-Dichloropropene	7.795	75	8961	4.670	ug/l #	51
37) Ethyl Acetate	6.996	43	1432	1.281	ug/l #	72
38) Carbon Tetrachloride	7.795	117	11309	5.582	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	42899	51.679	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42899	101.557	ug/l #	7

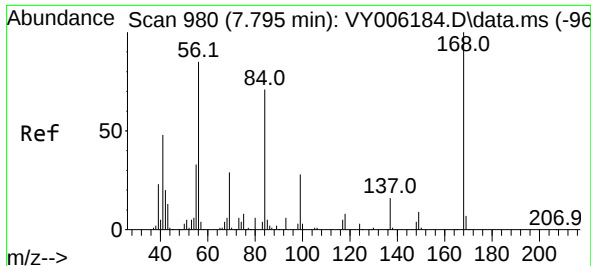
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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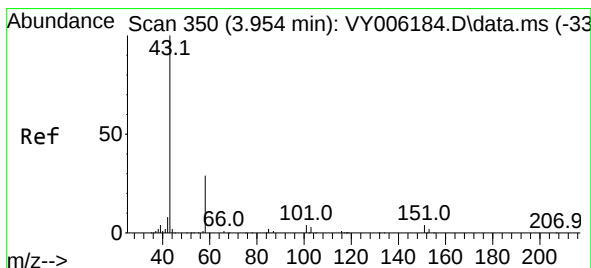
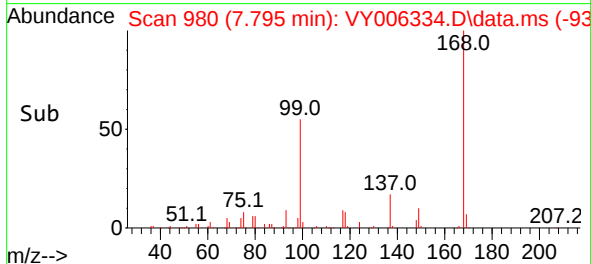
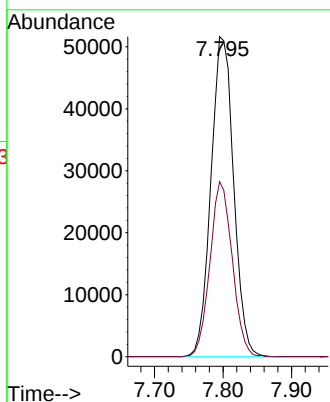
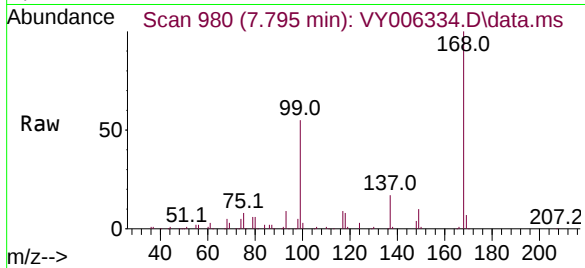




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006334.D
Acq: 07 Oct 2021 16:16

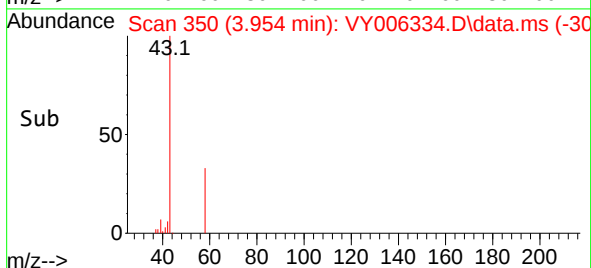
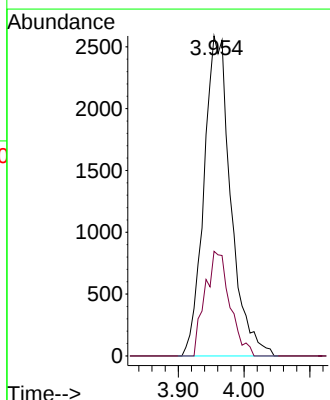
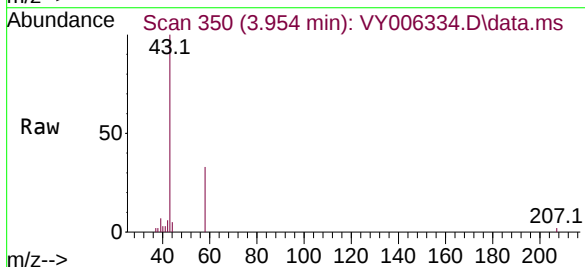
Instrument :
MSVOA_Y
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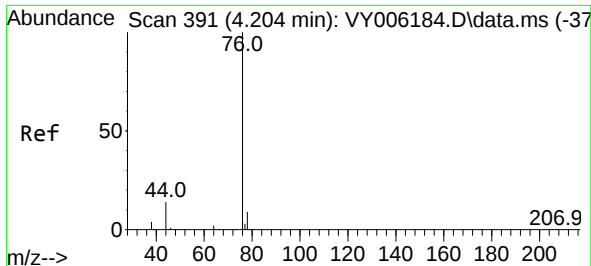
Tgt Ion:168 Resp: 118529
Ion Ratio Lower Upper
168 100
99 54.7 46.9 70.3



#16
Acetone
Concen: 20.704 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006334.D
Acq: 07 Oct 2021 16:16

Tgt Ion: 43 Resp: 7336
Ion Ratio Lower Upper
43 100
58 32.7 22.0 33.0

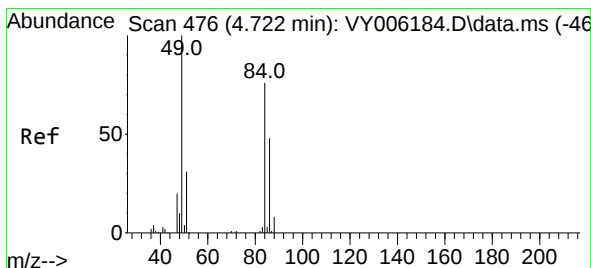
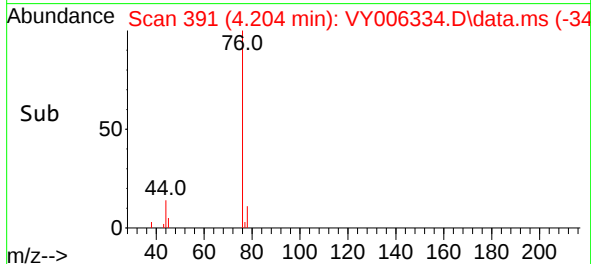
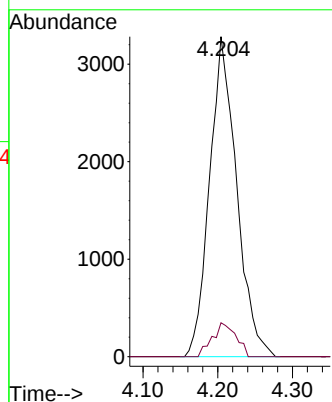
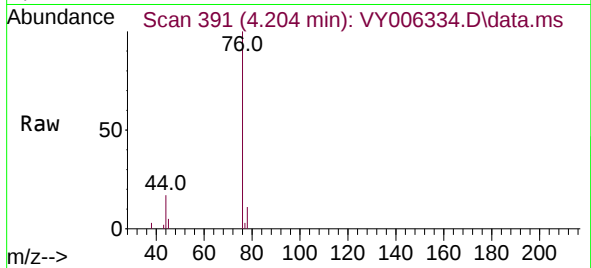




#17
Carbon Disulfide
Concen: 2.226 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY006334.D
Acq: 07 Oct 2021 16:16

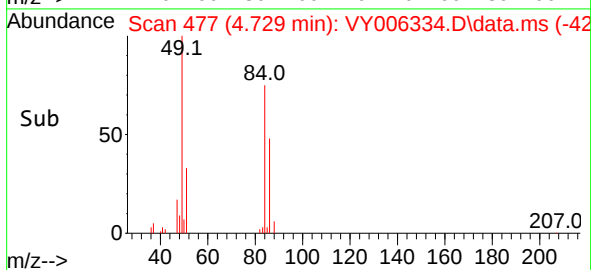
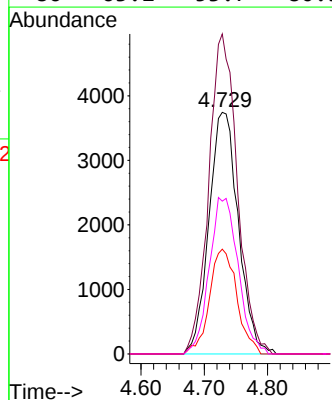
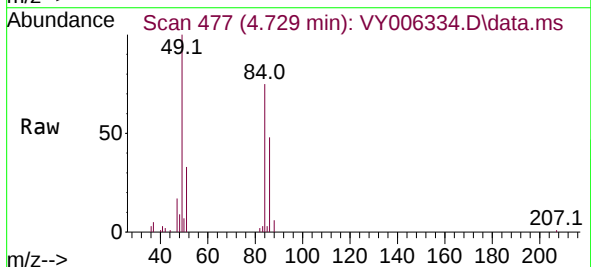
Instrument :
MSVOA_Y
ClientSampleId :
SS-06(NA)

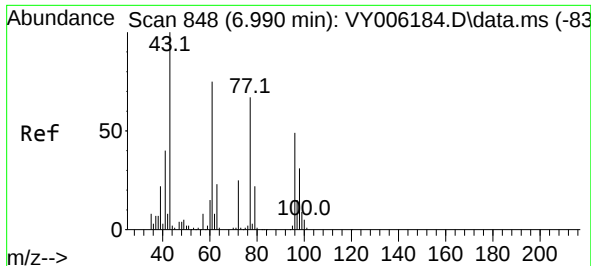
Tgt Ion: 76 Resp: 8264
Ion Ratio Lower Upper
76 100
78 10.6 7.4 11.0



#20
Methylene Chloride
Concen: 6.651 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.007 min
Lab File: VY006334.D
Acq: 07 Oct 2021 16:16

Tgt Ion: 84 Resp: 12088
Ion Ratio Lower Upper
84 100
49 132.5 114.4 171.6
51 43.3 35.3 52.9
86 63.2 53.7 80.5

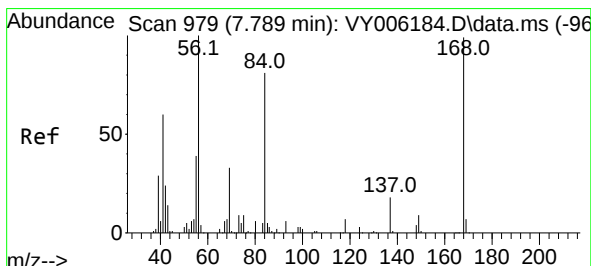
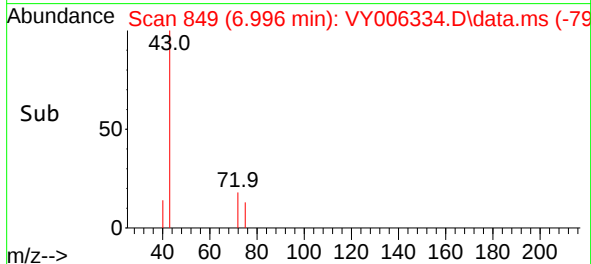
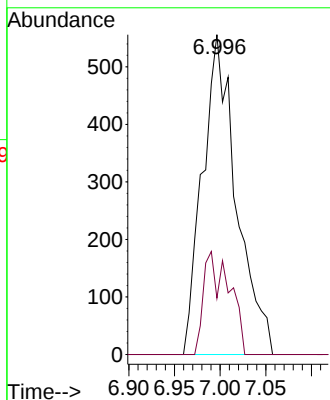
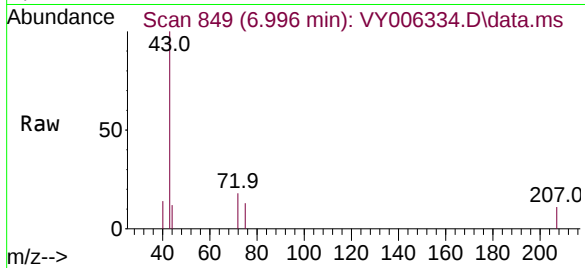




#25
2-Butanone
Concen: 2.901 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY006334.D
Acq: 07 Oct 2021 16:16

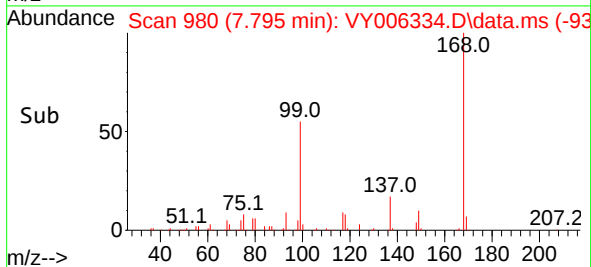
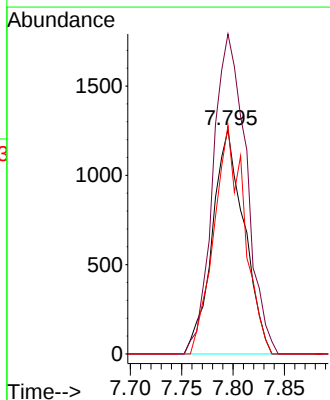
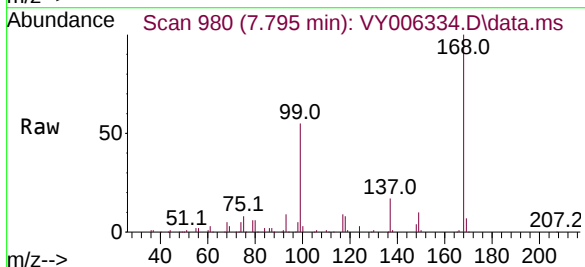
Instrument :
MSVOA_Y
ClientSampleId :
SS-06(NA)

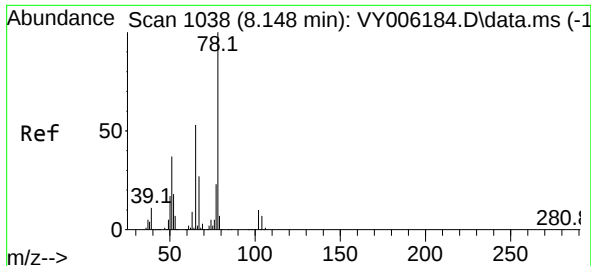
Tgt Ion: 43 Resp: 1432
Ion Ratio Lower Upper
43 100
72 17.6 17.7 26.5#



#31
Cyclohexane
Concen: 1.128 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006334.D
Acq: 07 Oct 2021 16:16

Tgt Ion: 56 Resp: 2712
Ion Ratio Lower Upper
56 100
69 142.7 26.7 40.1#
84 101.8 67.2 100.8#

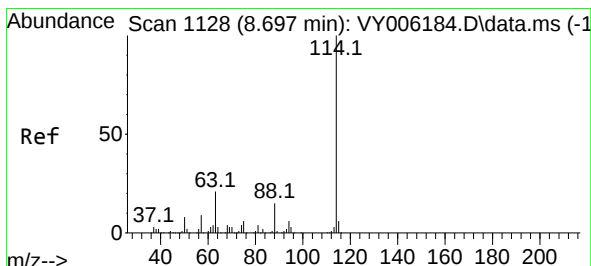
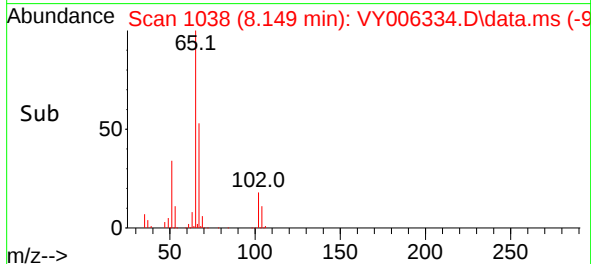
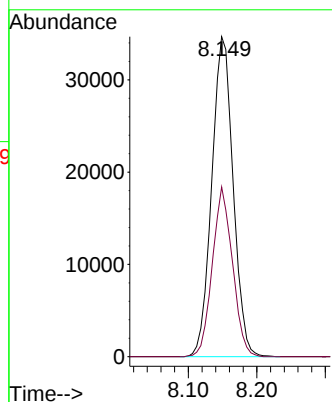
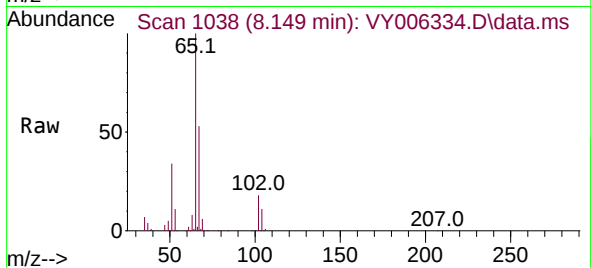




#33
1,2-Dichloroethane-d4
Concen: 59.235 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006334.D
Acq: 07 Oct 2021 16:16

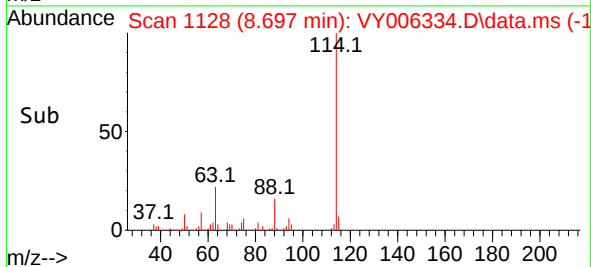
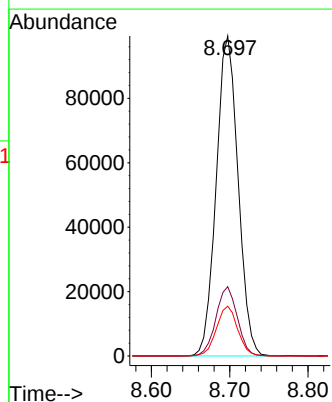
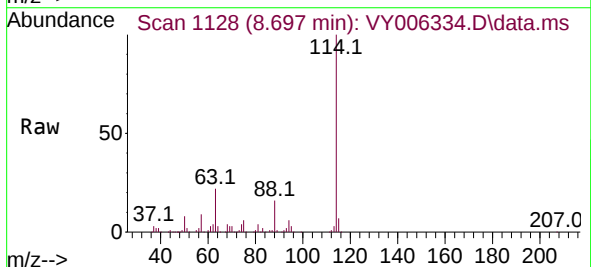
Instrument :
MSVOA_Y
ClientSampleId :
SS-06(NA)

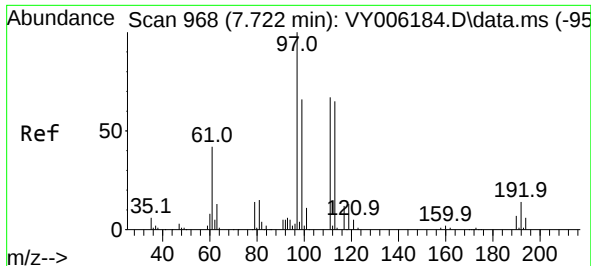
Tgt Ion: 65 Resp: 75146
Ion Ratio Lower Upper
65 100
67 50.0 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006334.D
Acq: 07 Oct 2021 16:16

Tgt Ion: 114 Resp: 192849
Ion Ratio Lower Upper
114 100
63 21.7 0.0 43.2
88 15.6 0.0 31.8

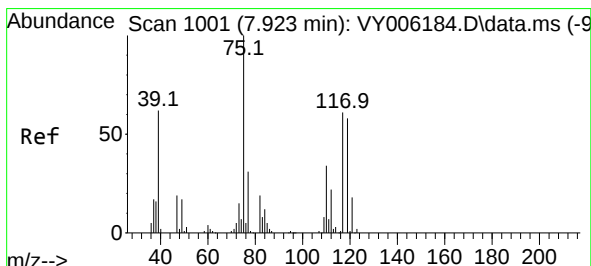
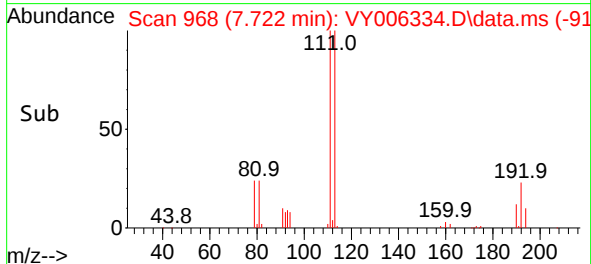
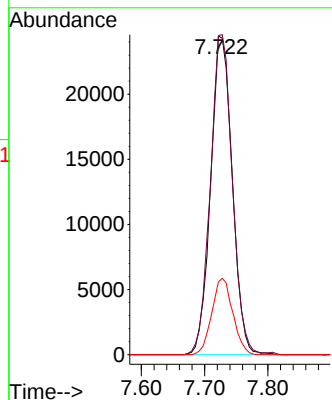
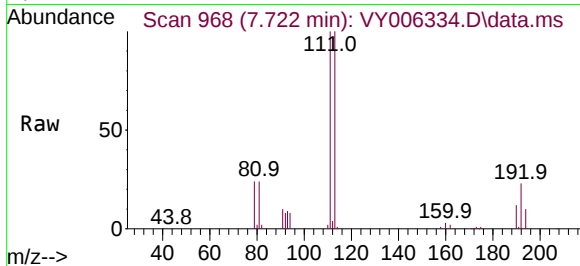




#35
Dibromofluoromethane
Concen: 56.322 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006334.D
Acq: 07 Oct 2021 16:16

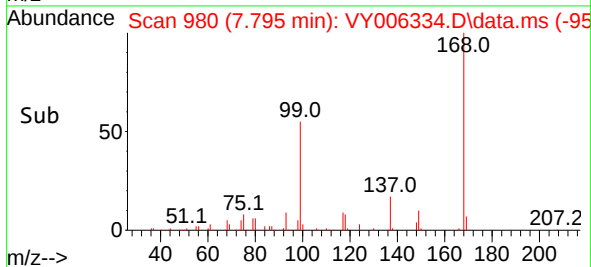
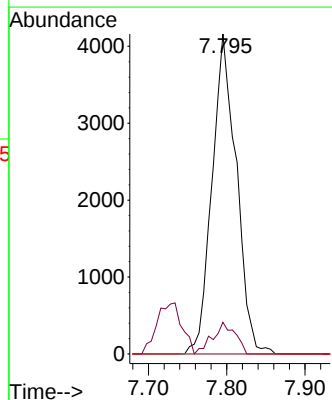
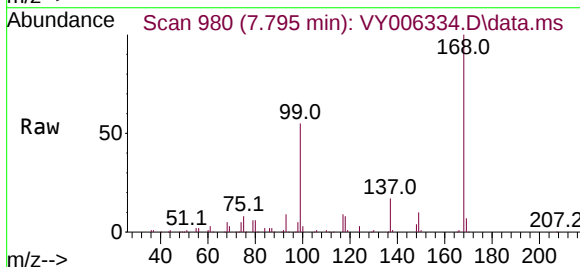
Instrument :
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ClientSampleId :
SS-06(NA)

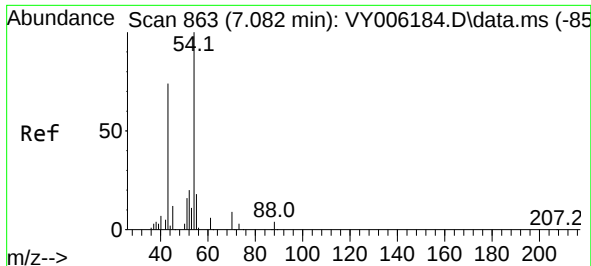
Tgt Ion:113 Resp: 58029
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 23.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.670 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006334.D
Acq: 07 Oct 2021 16:16

Tgt Ion: 75 Resp: 8961
Ion Ratio Lower Upper
75 100
110 9.1 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.281 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.085 min

Lab File: VY006334.D

Acq: 07 Oct 2021 16:16

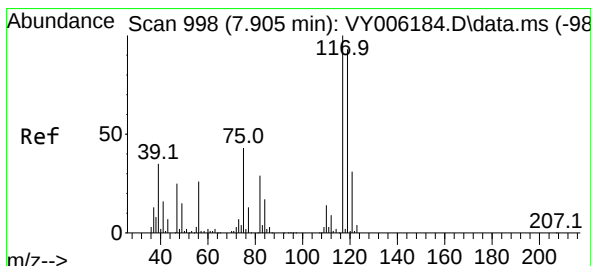
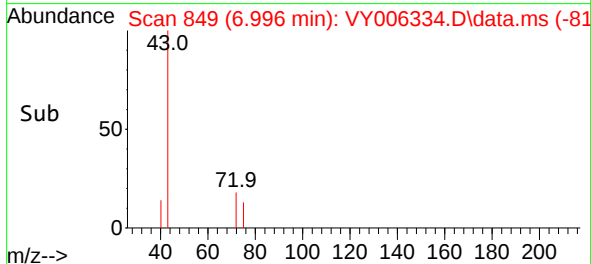
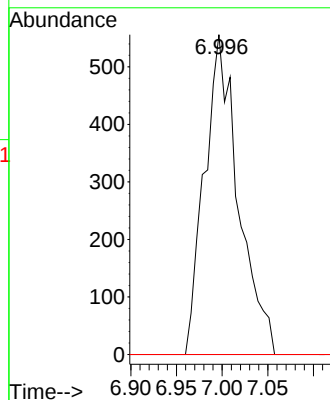
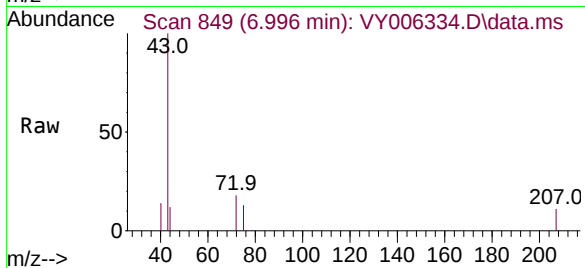
Instrument :

MSVOA_Y

ClientSampleId :

SS-06(NA)

Tgt Ion:	43	Resp:	1432
Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.7	14.5#
70	0.0	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 5.582 ug/l

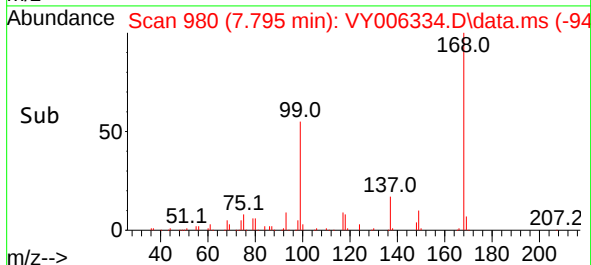
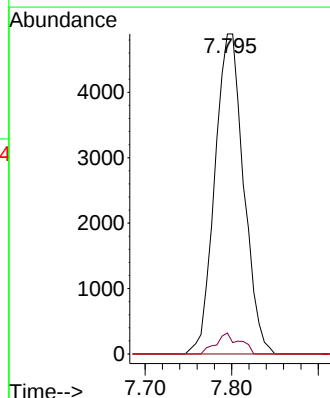
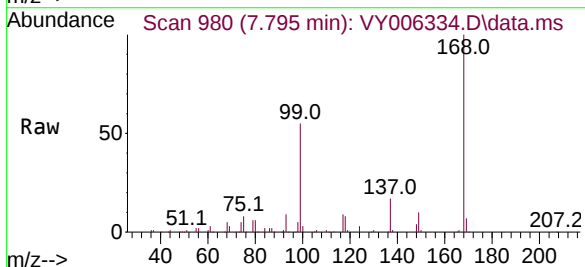
RT: 7.795 min Scan# 980

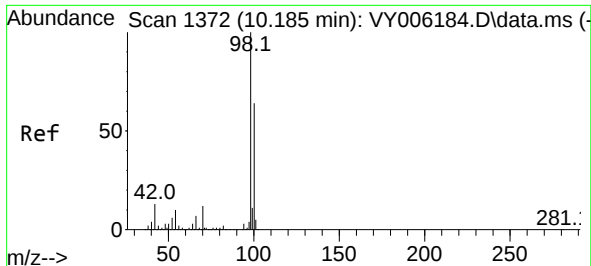
Delta R.T. -0.110 min

Lab File: VY006334.D

Acq: 07 Oct 2021 16:16

Tgt Ion:	117	Resp:	11309
Ion	Ratio	Lower	Upper
117	100		
119	6.6	77.9	116.9#
121	0.0	24.8	37.2#

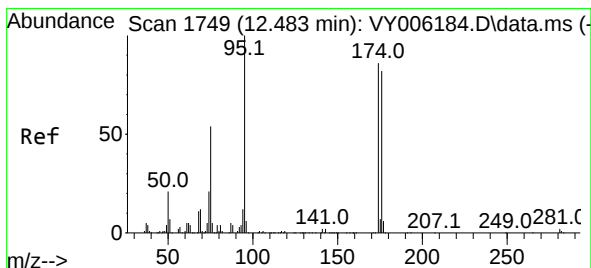
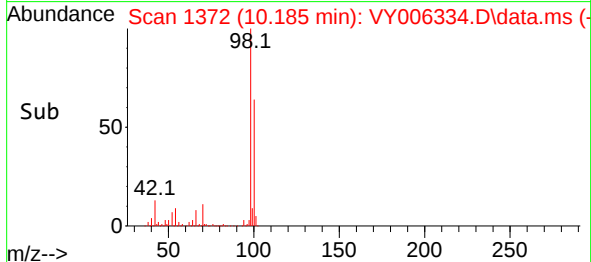
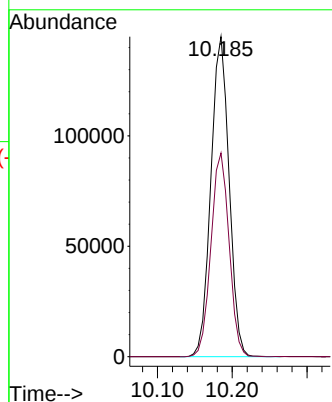
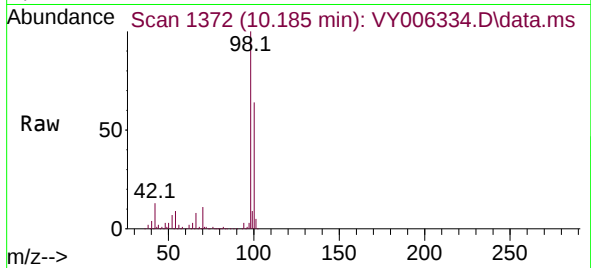




#50
Toluene-d8
Concen: 56.864 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006334.D
Acq: 07 Oct 2021 16:16

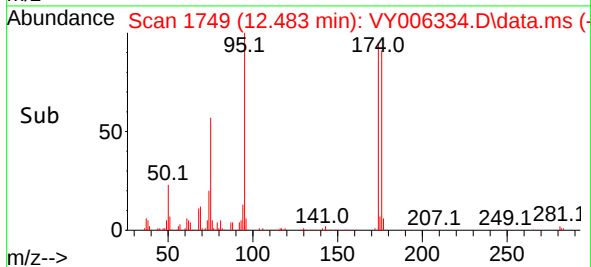
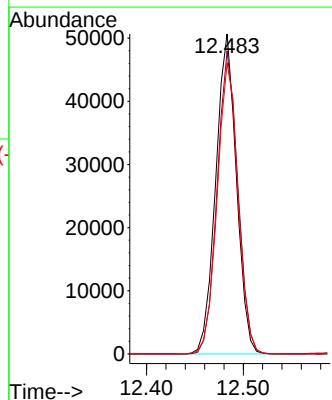
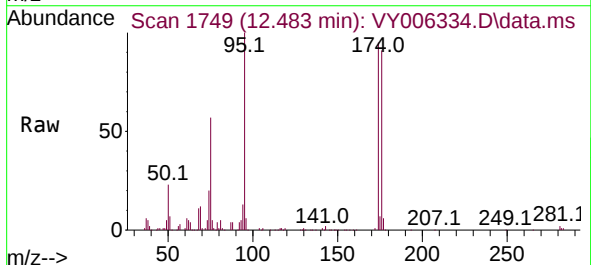
Instrument :
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ClientSampleId :
SS-06(NA)

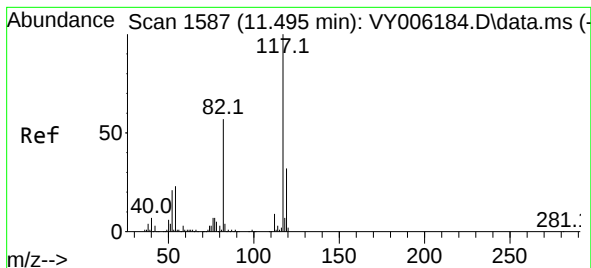
Tgt Ion: 98 Resp: 245199
Ion Ratio Lower Upper
98 100
100 63.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 51.346 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006334.D
Acq: 07 Oct 2021 16:16

Tgt Ion: 95 Resp: 75215
Ion Ratio Lower Upper
95 100
174 94.7 0.0 177.0
176 92.1 0.0 175.8

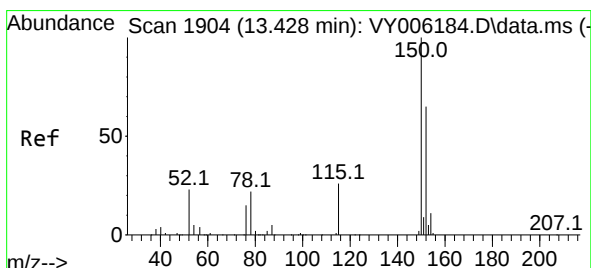
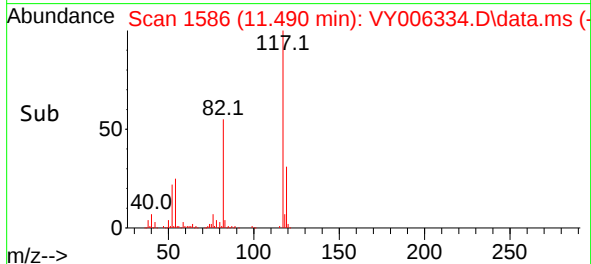
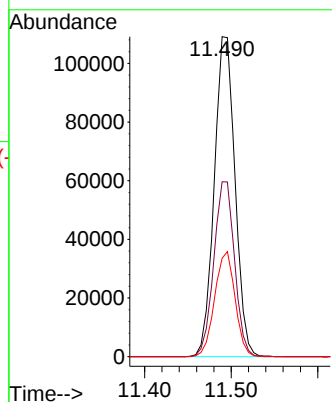
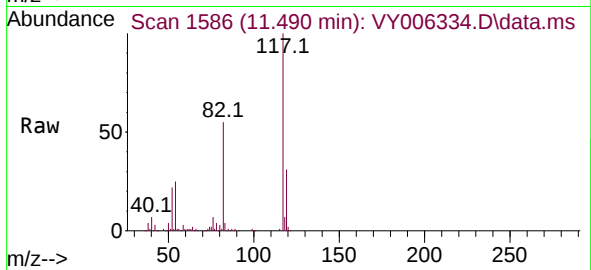




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006334.D
Acq: 07 Oct 2021 16:16

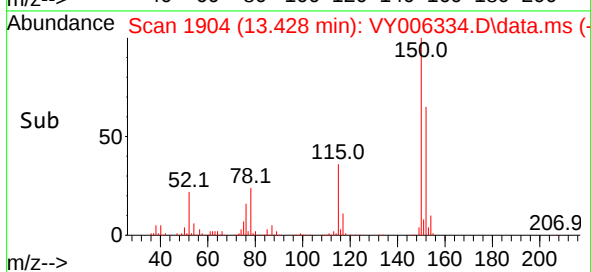
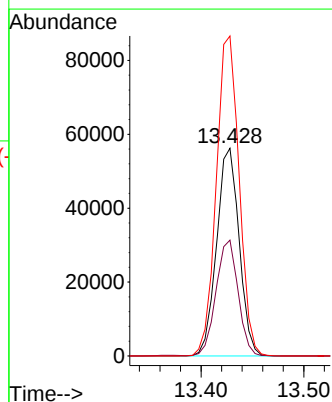
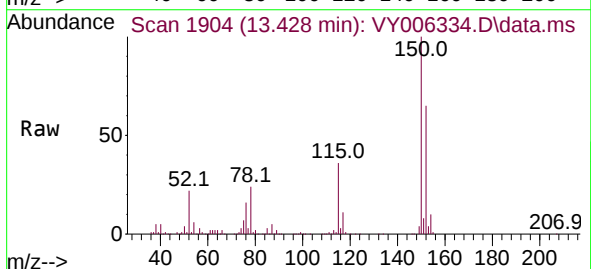
Instrument :
MSVOA_Y
ClientSampleId :
SS-06(NA)

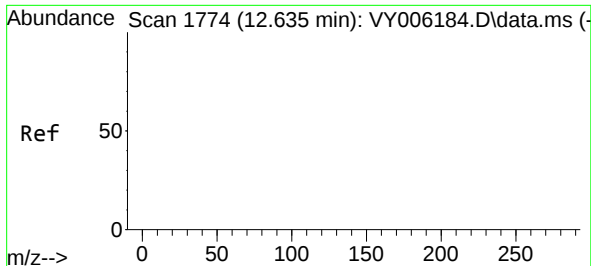
Tgt Ion:117 Resp: 181933
Ion Ratio Lower Upper
117 100
82 54.6 43.0 64.4
119 30.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006334.D
Acq: 07 Oct 2021 16:16

Tgt Ion:152 Resp: 85406
Ion Ratio Lower Upper
152 100
115 54.7 28.2 84.7
150 155.9 0.0 347.6

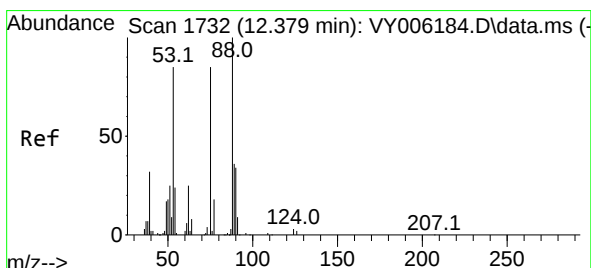
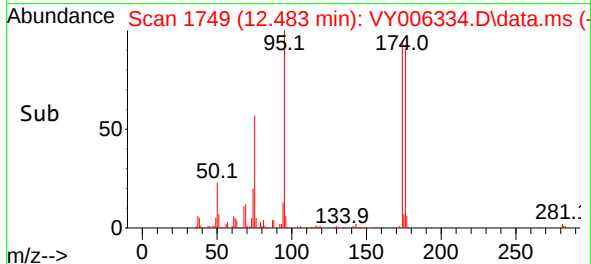
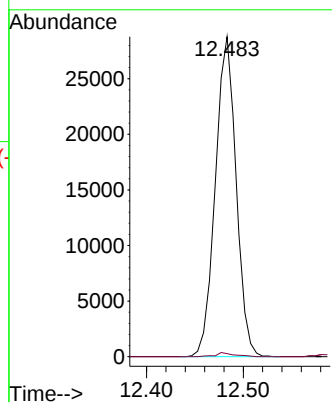
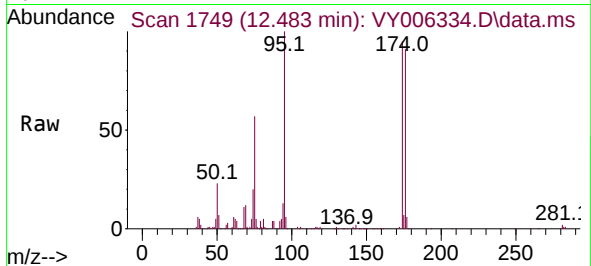




#76
1,2,3-Trichloropropane
Concen: 51.679 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006334.D
Acq: 07 Oct 2021 16:16

Instrument :
MSVOA_Y
ClientSampleId :
SS-06(NA)

Tgt Ion: 75 Resp: 42899
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.557 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006334.D
Acq: 07 Oct 2021 16:16

Tgt Ion: 75 Resp: 42899
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

