

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091721\
 Data File : VY006077.D
 Acq On : 17 Sep 2021 17:56
 Operator : SY/MD
 Sample : M3775-08
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-7

Quant Time: Sep 20 01:43:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	114814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	216573	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	242709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	125162	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	90293	56.616	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.240%
35) Dibromofluoromethane	7.728	113	67069	49.859	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.720%
50) Toluene-d8	10.185	98	285115	49.731	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.460%
62) 4-Bromofluorobenzene	12.483	95	115032	59.096	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	118.200%

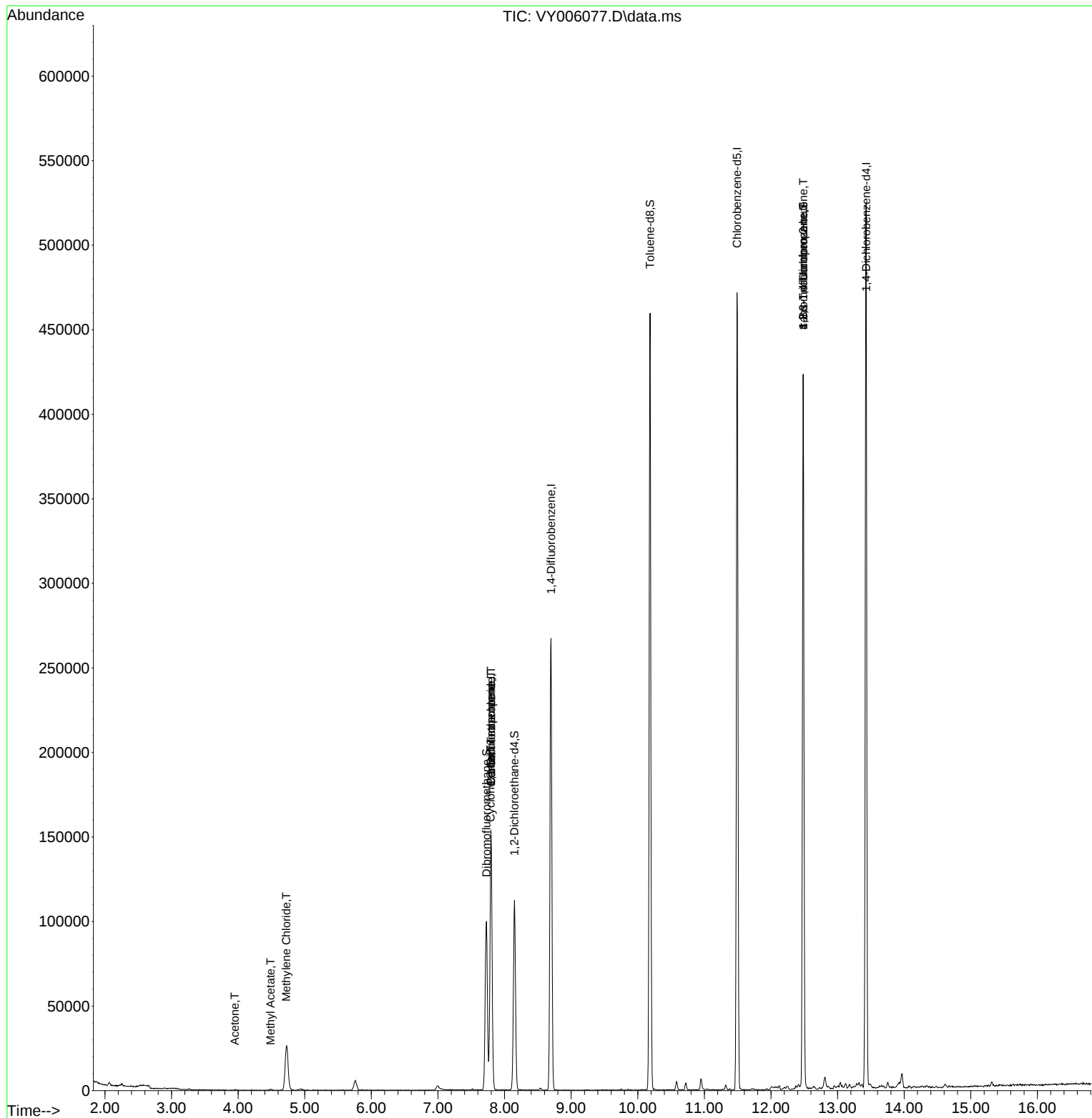
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.954	59	929	Below Cal	#	77
16) Acetone	3.948	43	667	1.525	ug/l #	87
18) Methyl Acetate	4.485	43	1190	1.080	ug/l #	82
20) Methylene Chloride	4.723	84	19195	10.381	ug/l	91
31) Cyclohexane	7.789	56	2844	1.113	ug/l #	53
36) 1,1-Dichloropropene	7.795	75	9049	3.871	ug/l #	52
38) Carbon Tetrachloride	7.795	117	11476	4.510	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	66222	49.624	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	66222	91.235	ug/l #	7

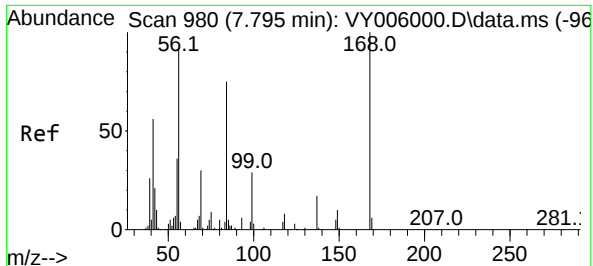
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 15 05:01:47 2021
Response via : Initial Calibration

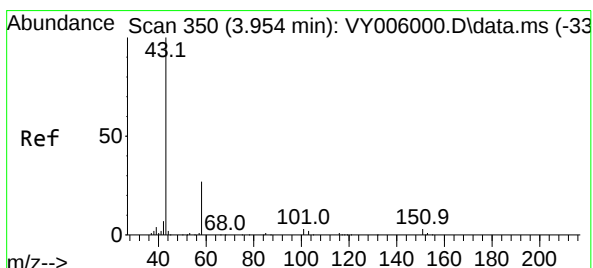
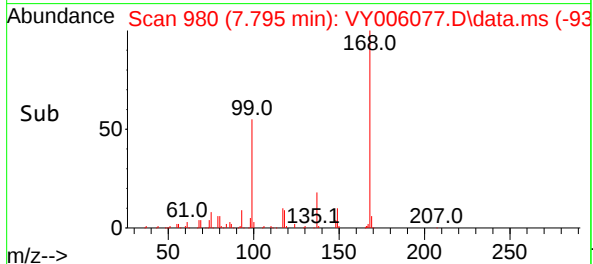
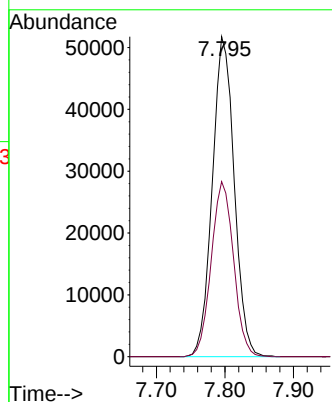
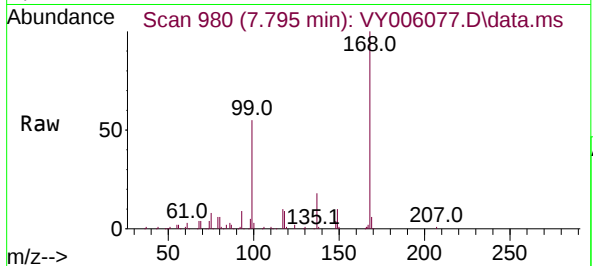




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006077.D
Acq: 17 Sep 2021 17:56

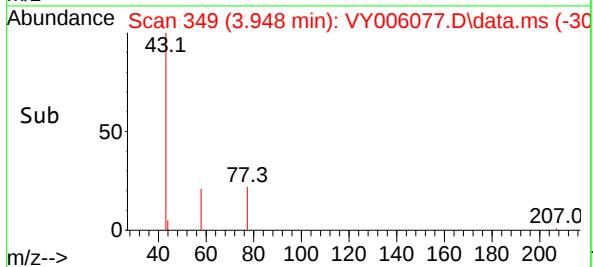
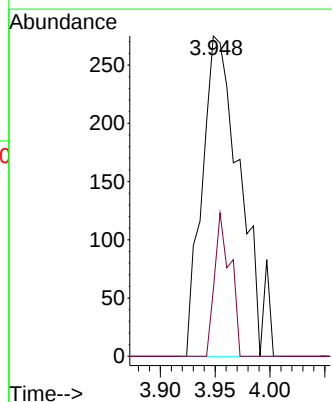
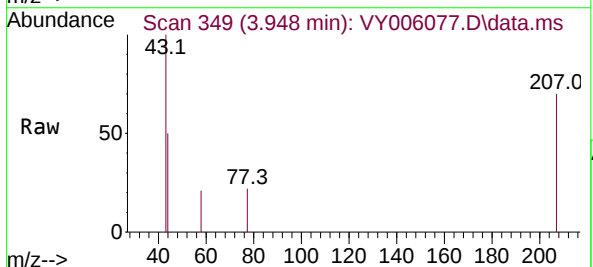
Instrument :
MSVOA_Y
ClientSampled :
PE-7

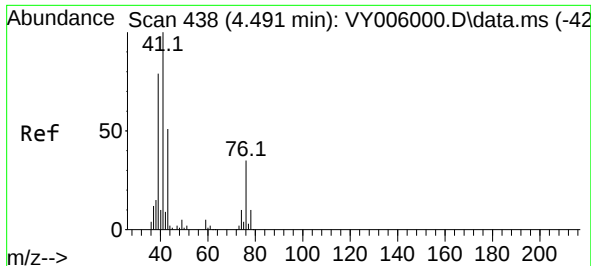
Tgt Ion:168 Resp: 114814
Ion Ratio Lower Upper
168 100
99 54.7 46.9 70.3



#16
Acetone
Concen: 1.525 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006077.D
Acq: 17 Sep 2021 17:56

Tgt Ion: 43 Resp: 667
Ion Ratio Lower Upper
43 100
58 20.7 22.0 33.0#

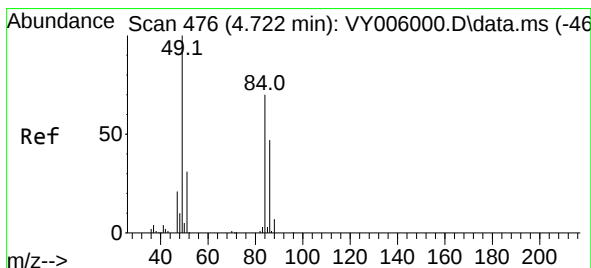
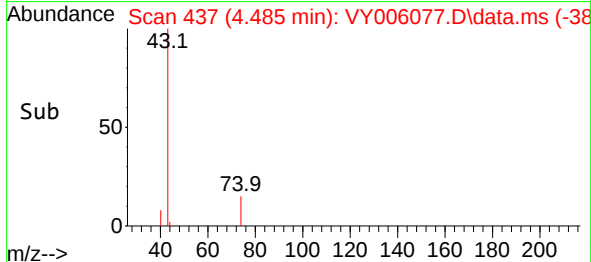
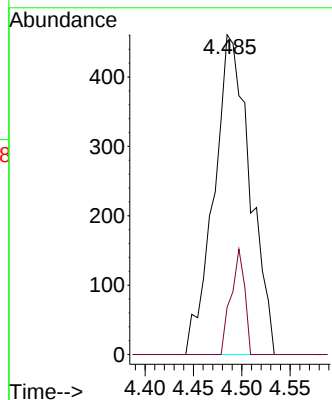
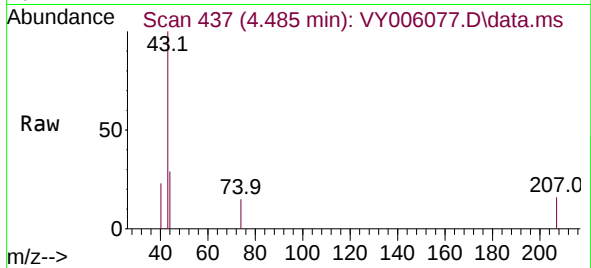




#18
Methyl Acetate
Concen: 1.080 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY006077.D
Acq: 17 Sep 2021 17:56

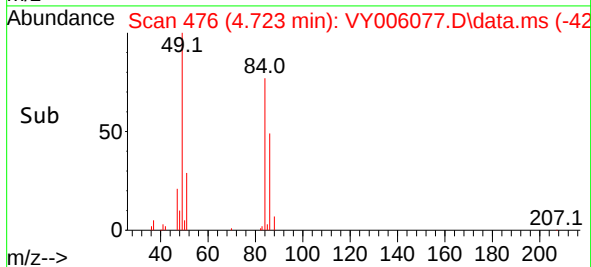
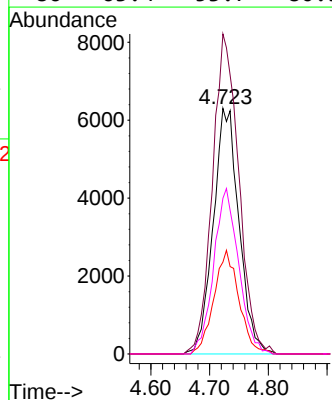
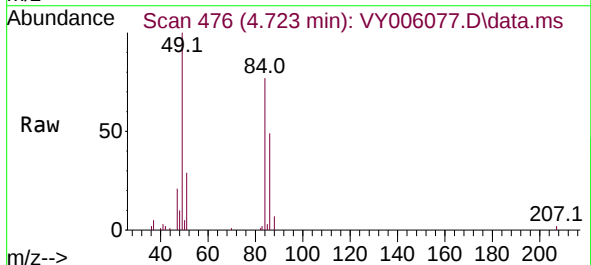
Instrument :
MSVOA_Y
ClientSampled :
PE-7

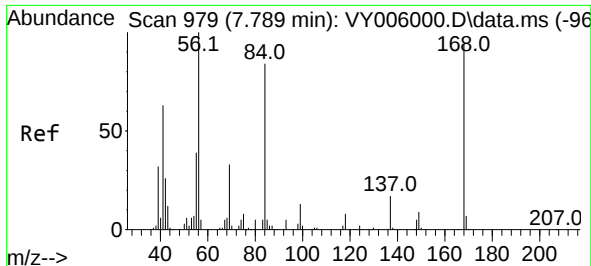
Tgt Ion: 43 Resp: 1190
Ion Ratio Lower Upper
43 100
74 12.5 16.6 24.8#



#20
Methylene Chloride
Concen: 10.381 ug/l
RT: 4.723 min Scan# 476
Delta R.T. 0.001 min
Lab File: VY006077.D
Acq: 17 Sep 2021 17:56

Tgt Ion: 84 Resp: 19195
Ion Ratio Lower Upper
84 100
49 130.3 114.4 171.6
51 37.4 35.3 52.9
86 63.4 53.7 80.5

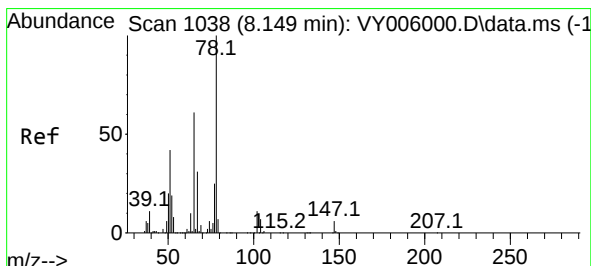
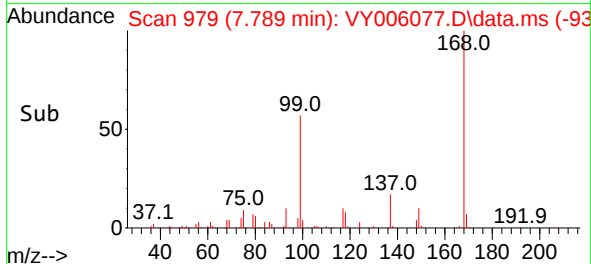
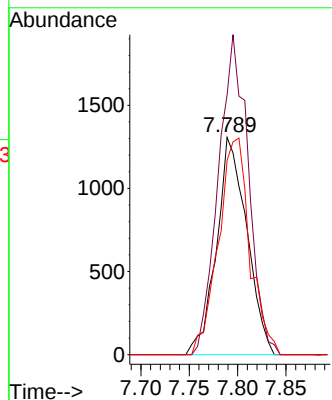
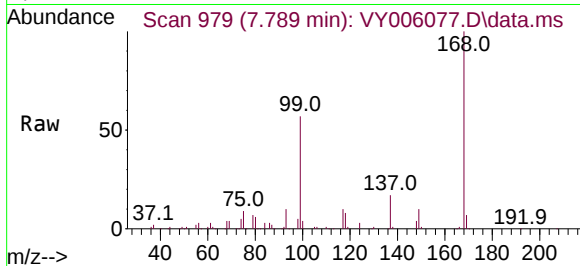




#31
Cyclohexane
Concen: 1.113 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY006077.D
Acq: 17 Sep 2021 17:56

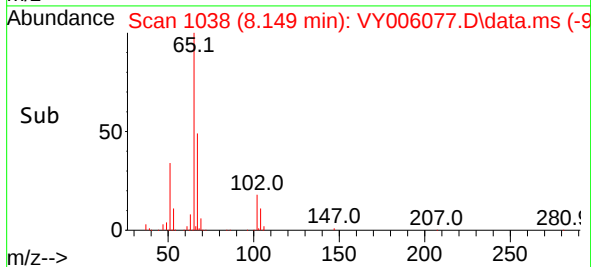
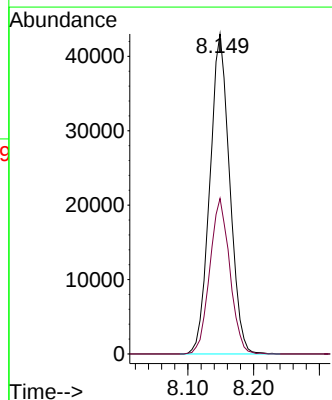
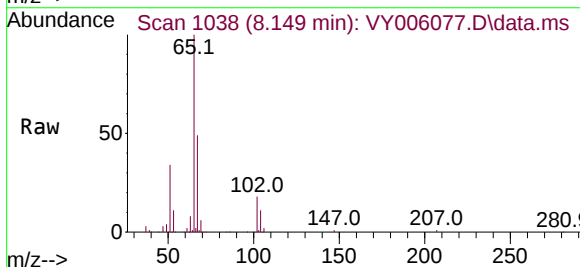
Instrument :
MSVOA_Y
ClientSampleId :
PE-7

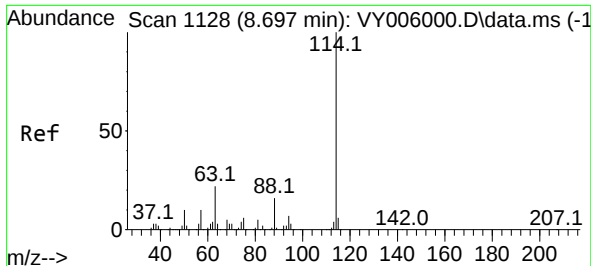
Tgt Ion: 56 Resp: 2844
Ion Ratio Lower Upper
56 100
69 119.5 26.7 40.1#
84 89.4 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 56.616 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006077.D
Acq: 17 Sep 2021 17:56

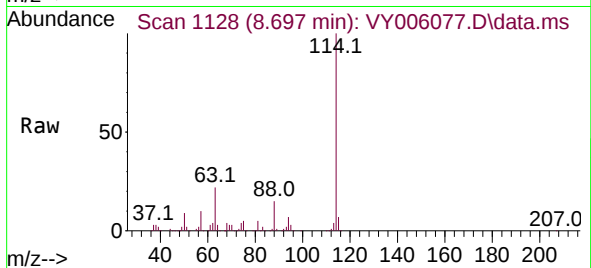
Tgt Ion: 65 Resp: 90293
Ion Ratio Lower Upper
65 100
67 49.0 0.0 99.4



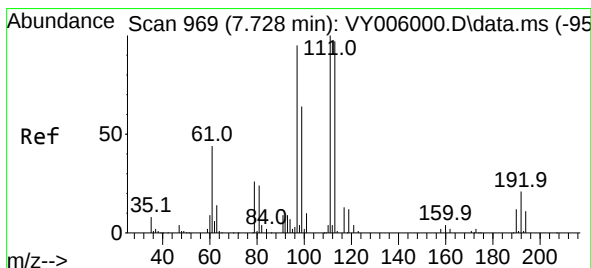
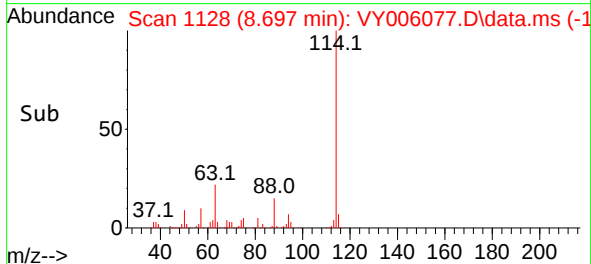
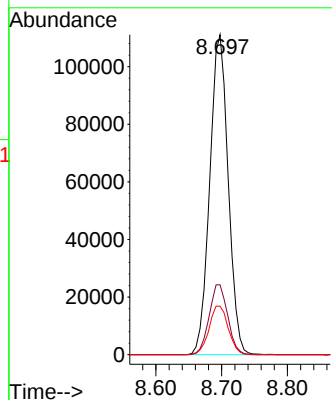


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006077.D
Acq: 17 Sep 2021 17:56

Instrument :
MSVOA_Y
ClientSampleId :
PE-7

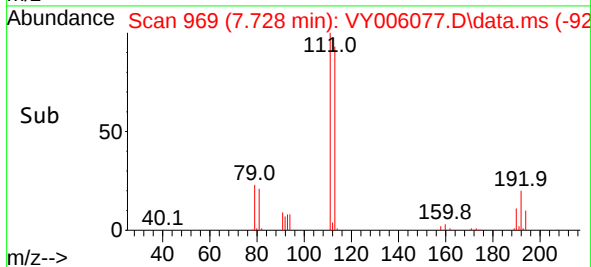
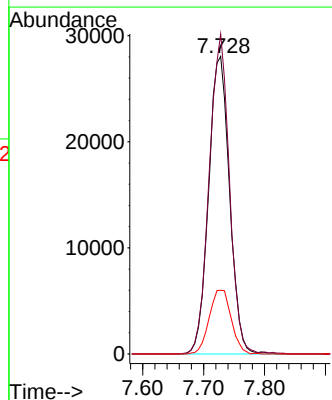
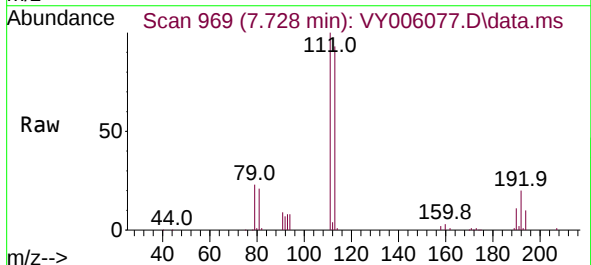


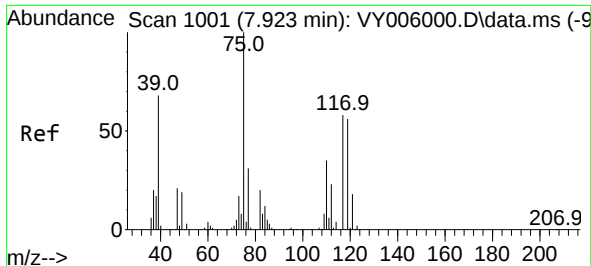
Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	43.2
88	15.1	0.0	31.8



#35
Dibromofluoromethane
Concen: 49.859 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY006077.D
Acq: 17 Sep 2021 17:56

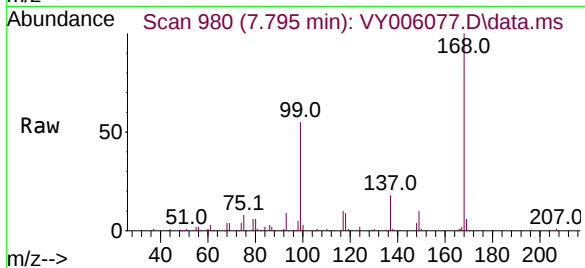
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.6	124.0
192	22.6	17.6	26.4



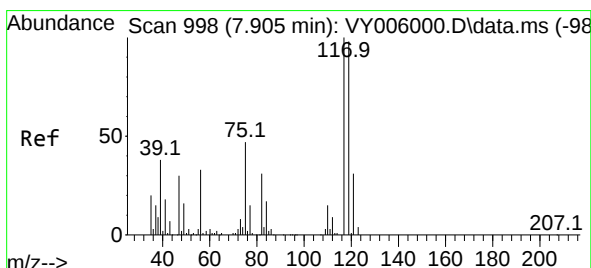
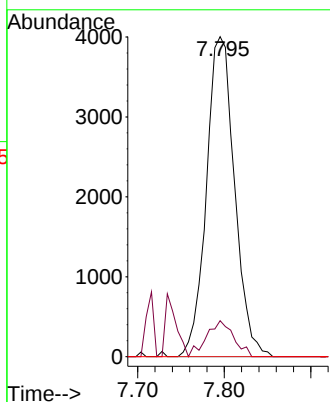
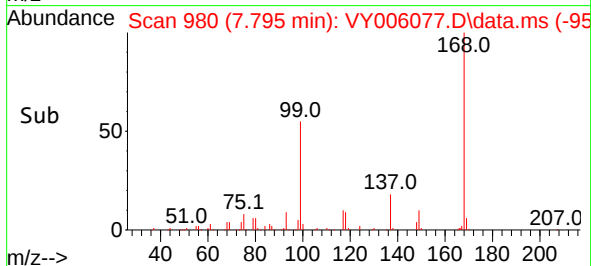


#36
1,1-Dichloropropene
Concen: 3.871 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006077.D
Acq: 17 Sep 2021 17:56

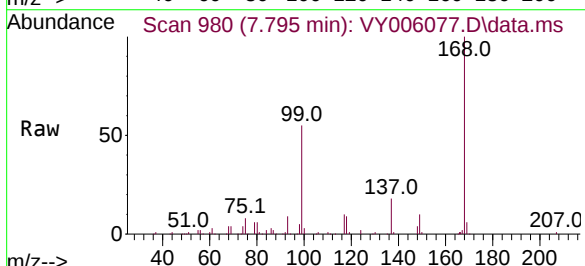
Instrument :
MSVOA_Y
ClientSampled :
PE-7



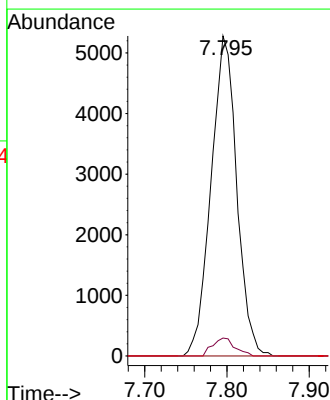
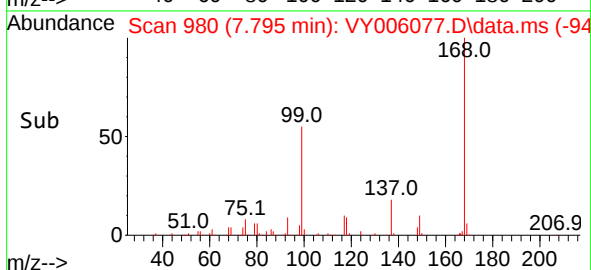
Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.8	17.1	51.2#
77	0.0	24.4	36.6#

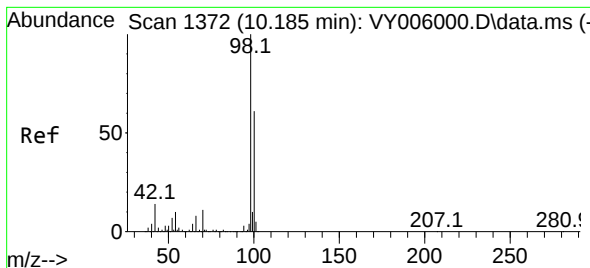


#38
Carbon Tetrachloride
Concen: 4.510 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006077.D
Acq: 17 Sep 2021 17:56



Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.6	77.9	116.9#
121	0.0	24.8	37.2#

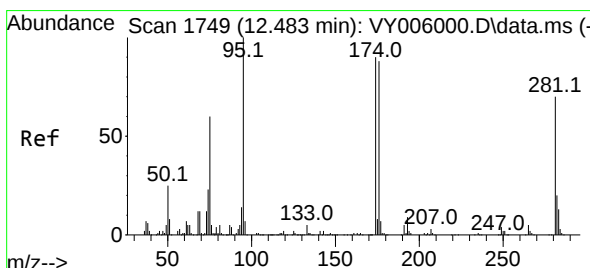
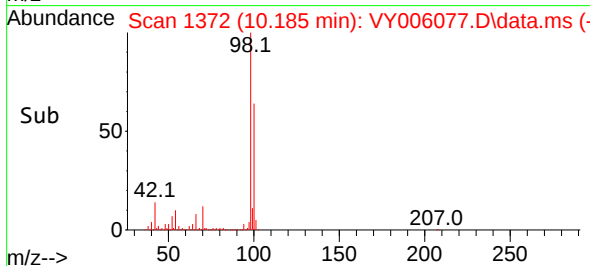
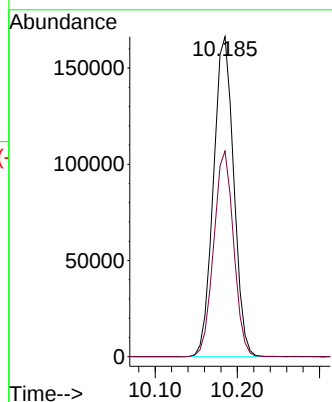
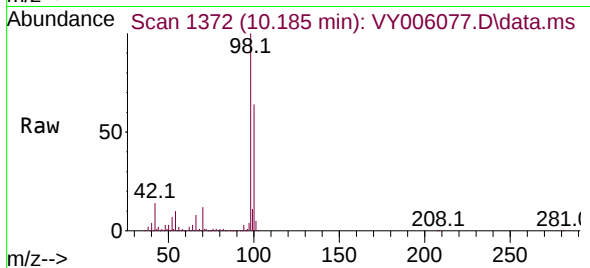




#50
Toluene-d8
Concen: 49.731 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006077.D
Acq: 17 Sep 2021 17:56

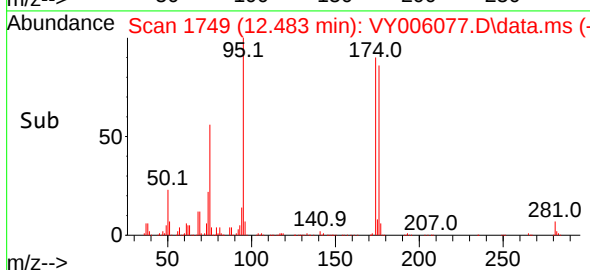
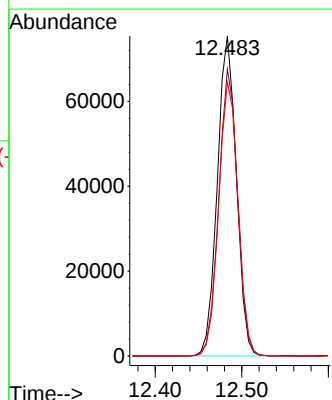
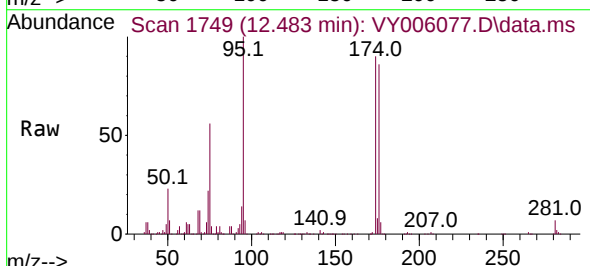
Instrument :
MSVOA_Y
ClientSampled :
PE-7

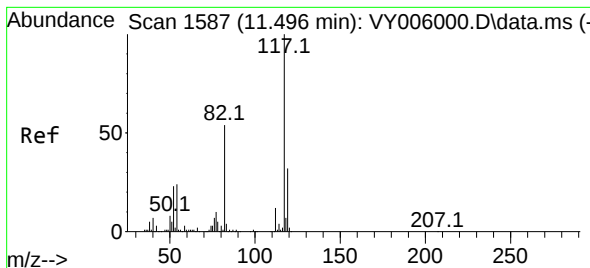
Tgt Ion: 98 Resp: 285115
Ion Ratio Lower Upper
98 100
100 63.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 59.096 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006077.D
Acq: 17 Sep 2021 17:56

Tgt Ion: 95 Resp: 115032
Ion Ratio Lower Upper
95 100
174 89.4 0.0 177.0
176 86.7 0.0 175.8

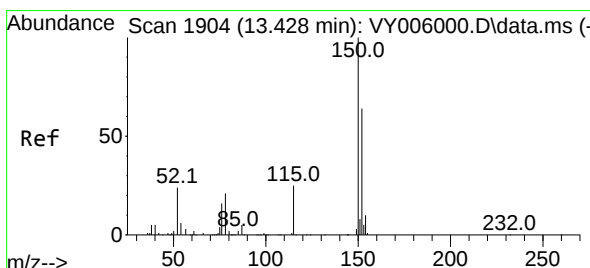
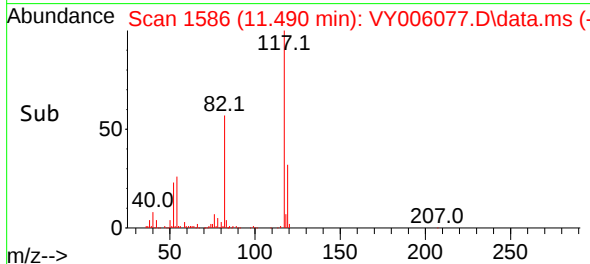
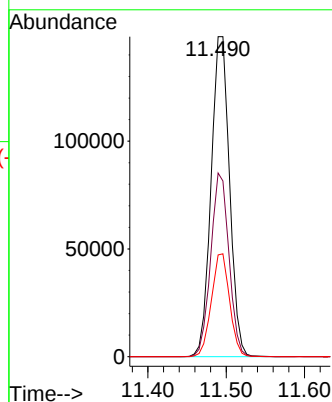
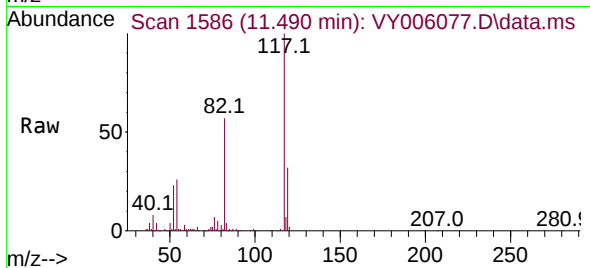




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006077.D
Acq: 17 Sep 2021 17:56

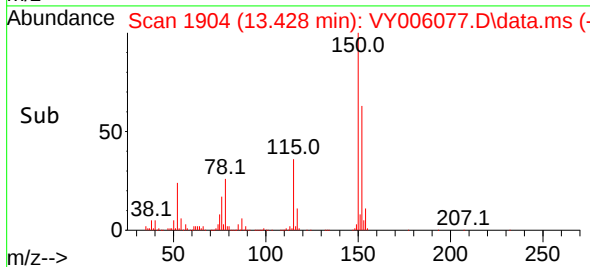
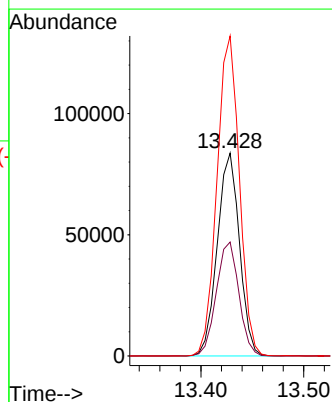
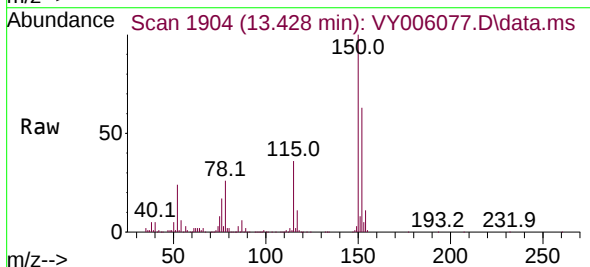
Instrument :
MSVOA_Y
ClientSampleId :
PE-7

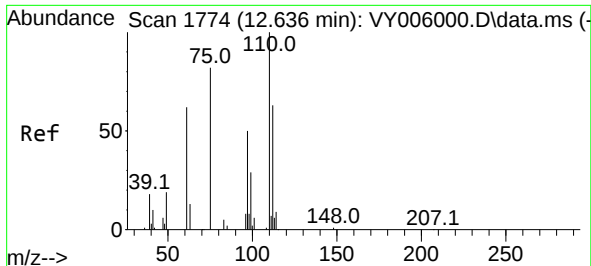
Tgt Ion:117 Resp: 242709
Ion Ratio Lower Upper
117 100
82 57.4 43.0 64.4
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006077.D
Acq: 17 Sep 2021 17:56

Tgt Ion:152 Resp: 125162
Ion Ratio Lower Upper
152 100
115 57.3 28.2 84.7
150 159.2 0.0 347.6

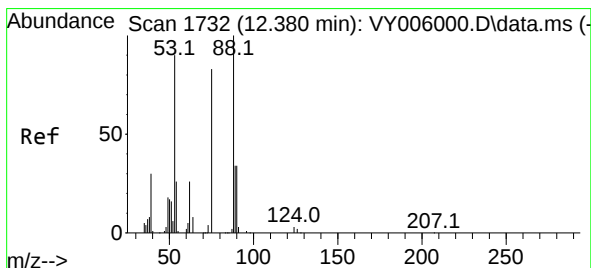
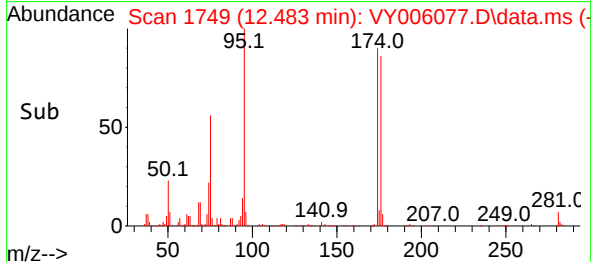
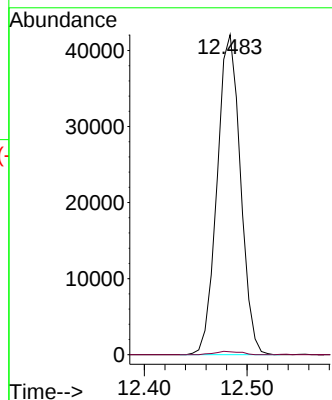
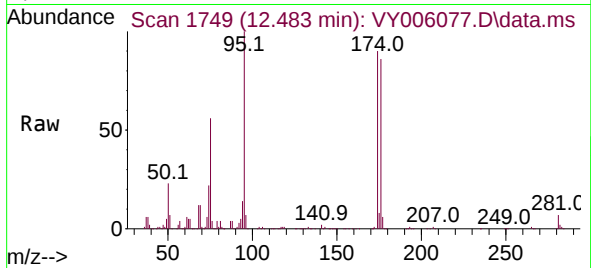




#76
1,2,3-Trichloropropane
Concen: 49.624 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006077.D
Acq: 17 Sep 2021 17:56

Instrument :
MSVOA_Y
ClientSampled :
PE-7

Tgt Ion: 75 Resp: 66222
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.235 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006077.D
Acq: 17 Sep 2021 17:56

Tgt Ion: 75 Resp: 66222
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.2 37.0 55.4#

