

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102121\
 Data File : VY006429.D
 Acq On : 21 Oct 2021 16:52
 Operator : SY/MD
 Sample : M4308-02
 Misc : 3.91G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 22 03:38:08 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)

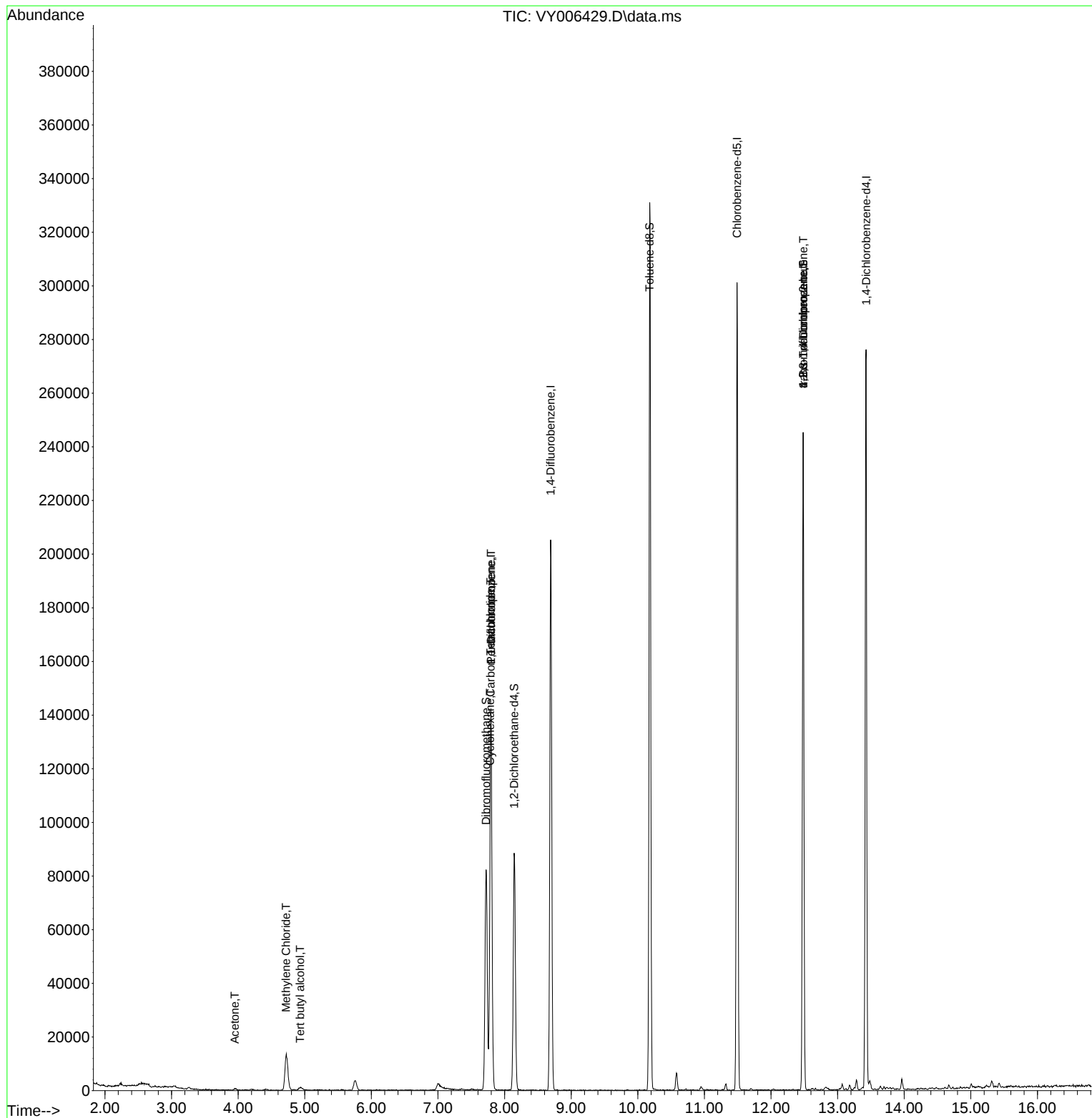
Internal Standards						
1) Pentafluorobenzene	7.795	168	109180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	164626	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	154847	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	69412	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	71785	61.431	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.860%	
35) Dibromofluoromethane	7.722	113	55379	62.964	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 125.920%	
50) Toluene-d8	10.179	98	208597	56.669	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 113.340%	
62) 4-Bromofluorobenzene	12.483	95	63706	50.945	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.900%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.930	59	1366	13.364	ug/l #	77
16) Acetone	3.948	43	636	1.949	ug/l	91
20) Methylene Chloride	4.716	84	9342	4.929	ug/l	95
31) Cyclohexane	7.783	56	2578	1.164	ug/l #	64
36) 1,1-Dichloropropene	7.795	75	8924	5.448	ug/l #	51
38) Carbon Tetrachloride	7.789	117	10600	6.129	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	37267	55.239	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	37267	108.553	ug/l #	7

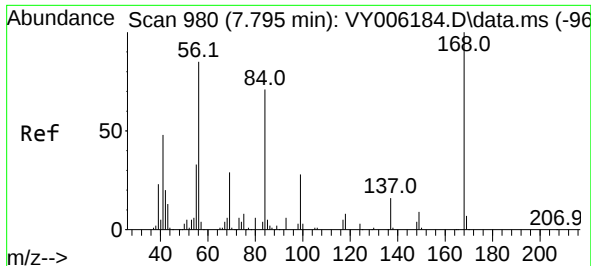
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102121\
Data File : VY006429.D
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Misc : 3.91G/5ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

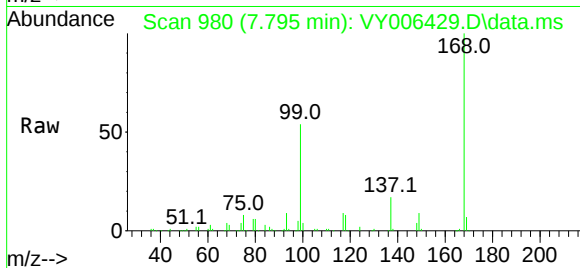
Quant Time: Oct 22 03:38:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 28 17:44:36 2021
Response via : Initial Calibration



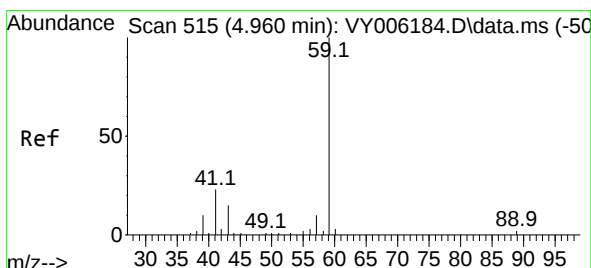
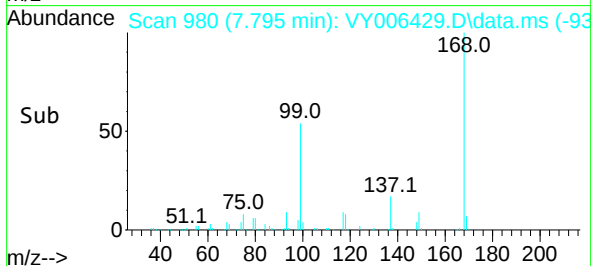
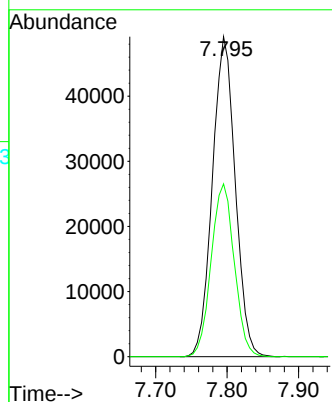


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006429.D
Acq: 21 Oct 2021 16:52

Instrument :
MSVOA_Y
ClientSampled :

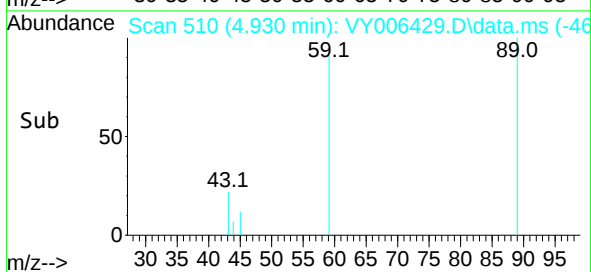
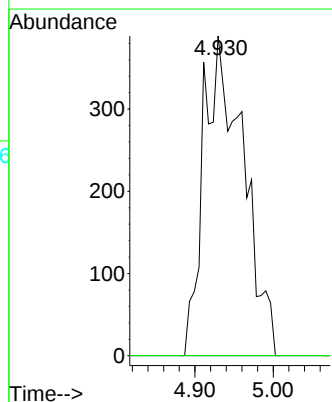
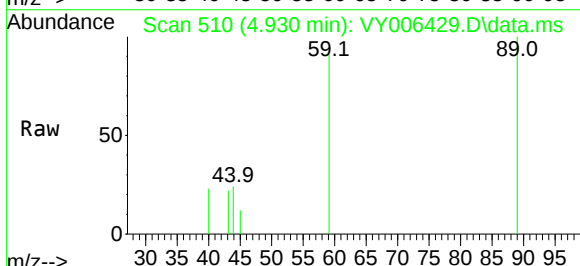


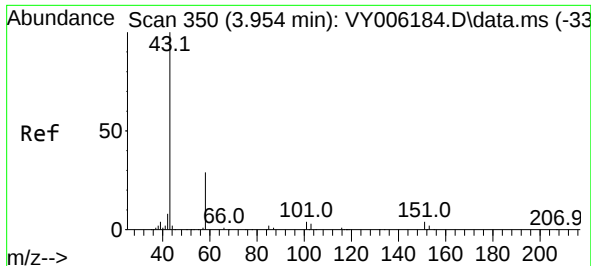
Tgt Ion:168 Resp: 109180
Ion Ratio Lower Upper
168 100
99 54.0 46.9 70.3



#11
Tert butyl alcohol
Concen: 13.364 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.030 min
Lab File: VY006429.D
Acq: 21 Oct 2021 16:52

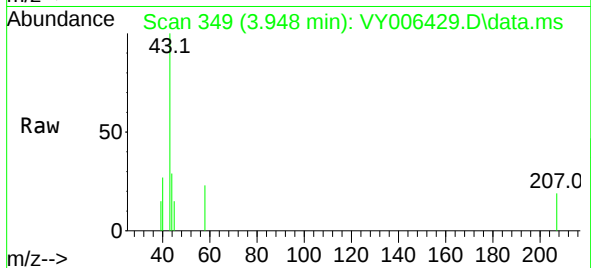
Tgt Ion: 59 Resp: 1366
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



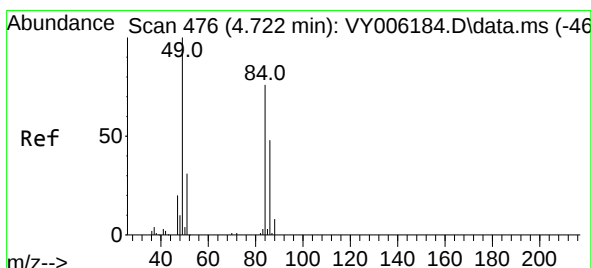
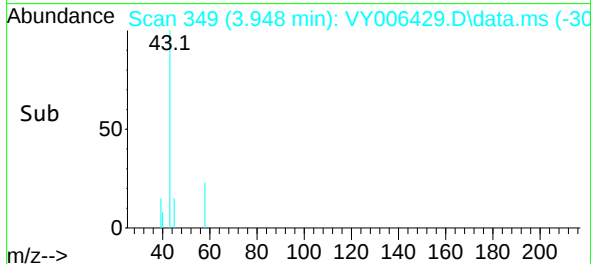
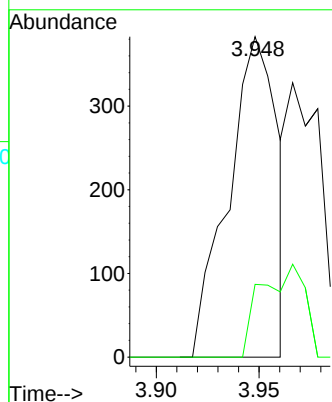


#16
Acetone
Concen: 1.949 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006429.D
Acq: 21 Oct 2021 16:52

Instrument :
MSVOA_Y
ClientSampled :

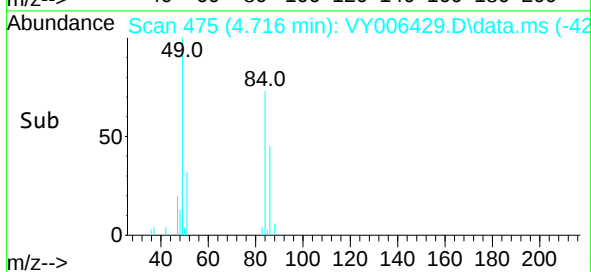
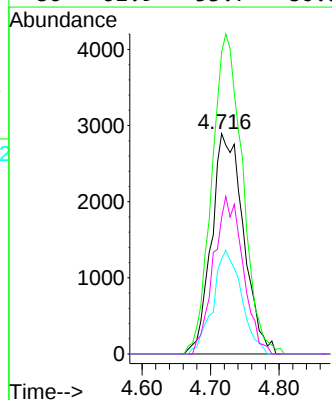
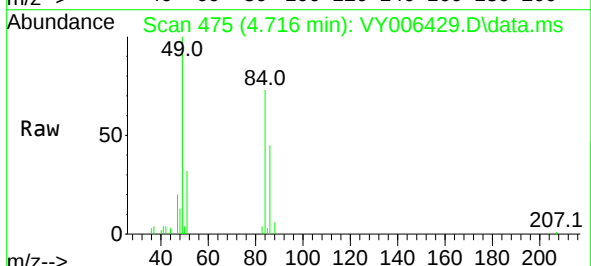


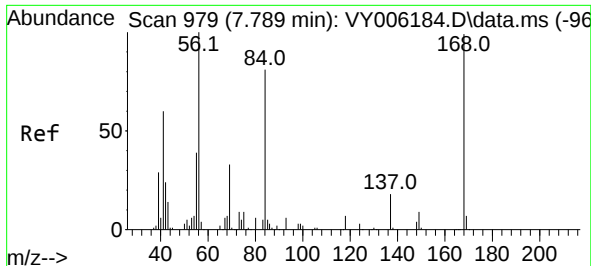
Tgt Ion: 43 Resp: 636
Ion Ratio Lower Upper
43 100
58 22.7 22.0 33.0



#20
Methylene Chloride
Concen: 4.929 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY006429.D
Acq: 21 Oct 2021 16:52

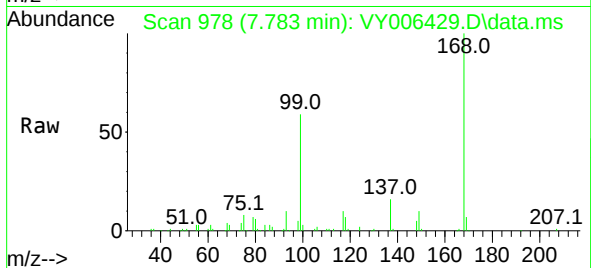
Tgt Ion: 84 Resp: 9342
Ion Ratio Lower Upper
84 100
49 136.9 114.4 171.6
51 43.2 35.3 52.9
86 61.9 53.7 80.5



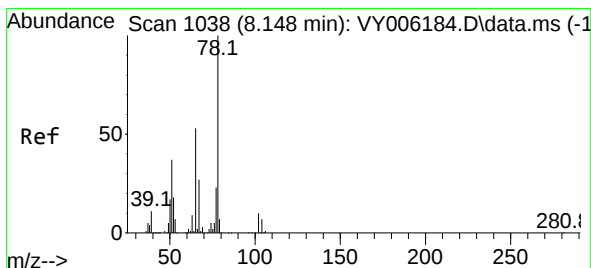
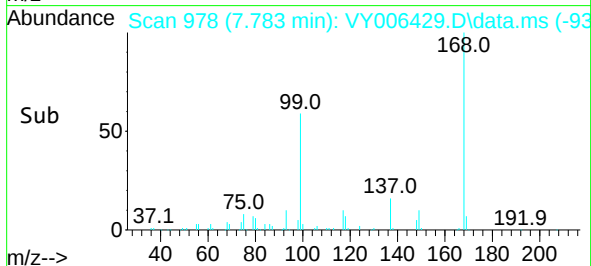
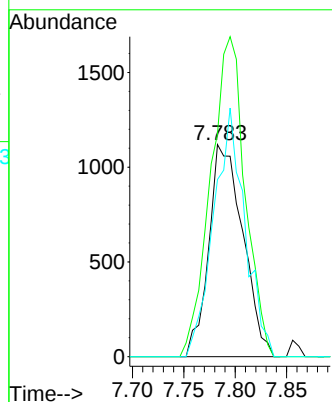


#31
Cyclohexane
Concen: 1.164 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY006429.D
Acq: 21 Oct 2021 16:52

Instrument :
MSVOA_Y
ClientSampleId :

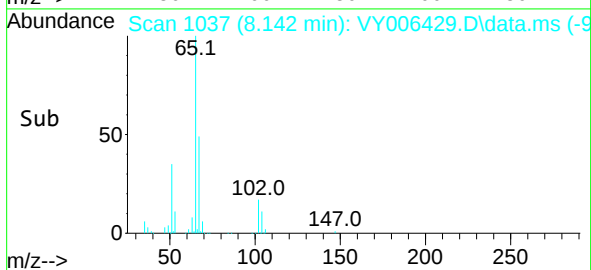
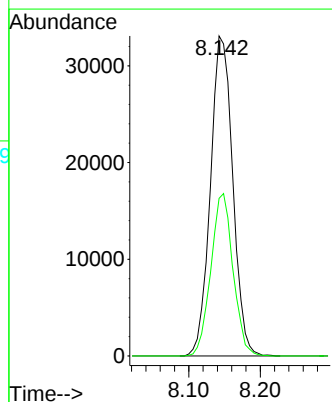
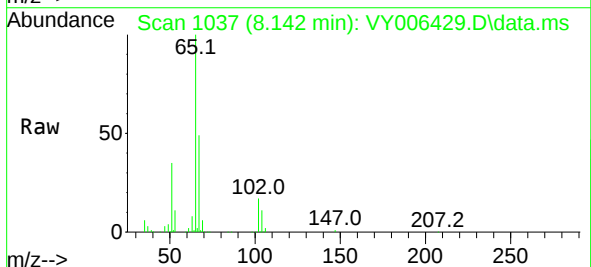


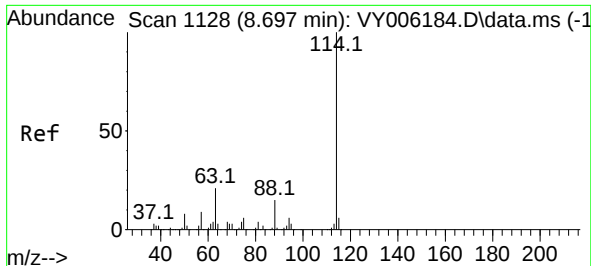
Tgt Ion: 56 Resp: 2578
Ion Ratio Lower Upper
56 100
69 104.8 26.7 40.1#
84 83.5 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 61.431 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY006429.D
Acq: 21 Oct 2021 16:52

Tgt Ion: 65 Resp: 71785
Ion Ratio Lower Upper
65 100
67 50.3 0.0 99.4

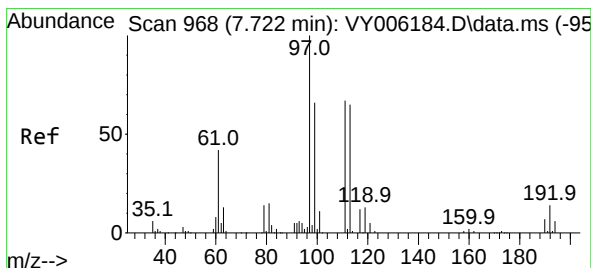
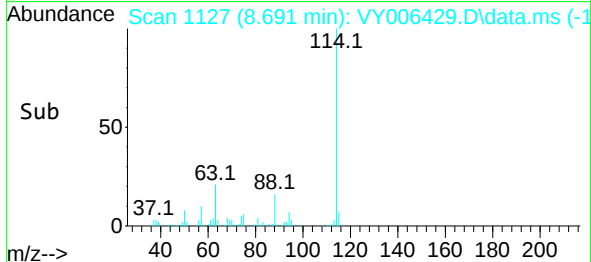
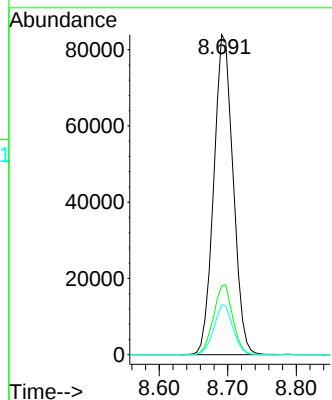
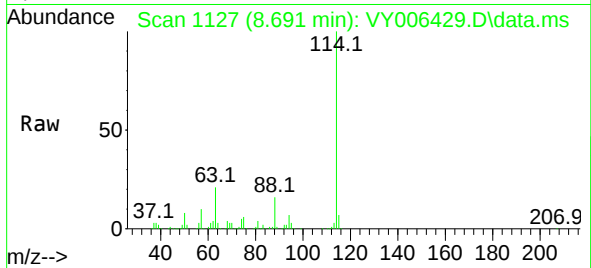




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006429.D
Acq: 21 Oct 2021 16:52

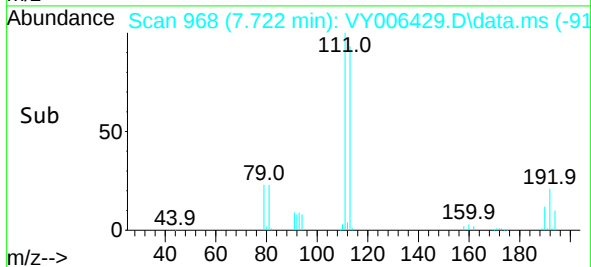
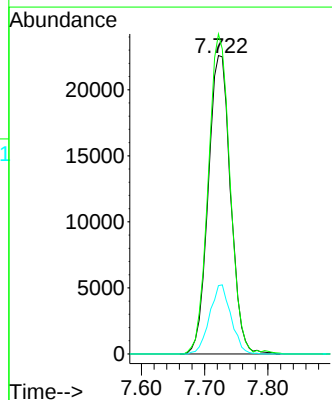
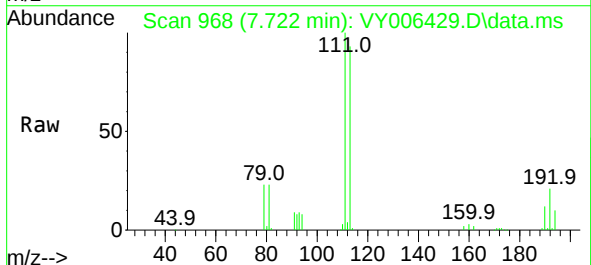
Instrument :
MSVOA_Y
ClientSampleId :

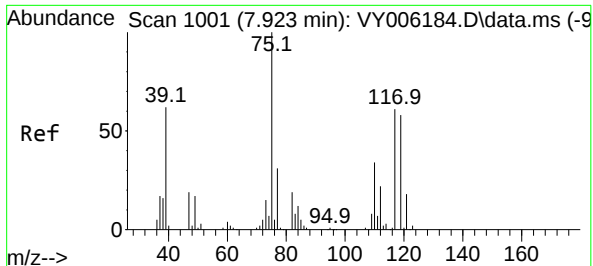
Tgt Ion:114 Resp: 164626
Ion Ratio Lower Upper
114 100
63 21.4 0.0 43.2
88 15.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 62.964 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006429.D
Acq: 21 Oct 2021 16:52

Tgt Ion:113 Resp: 55379
Ion Ratio Lower Upper
113 100
111 104.9 82.6 124.0
192 22.1 17.6 26.4





#36

1,1-Dichloropropene

Concen: 5.448 ug/l

RT: 7.795 min Scan# 980

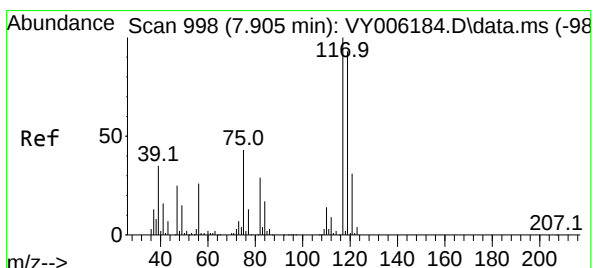
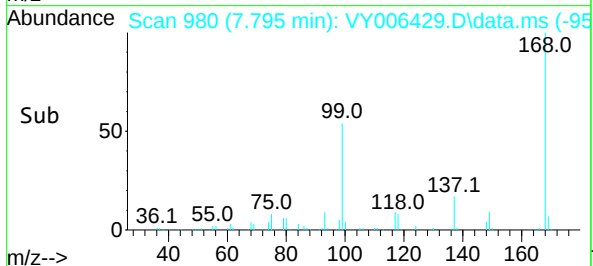
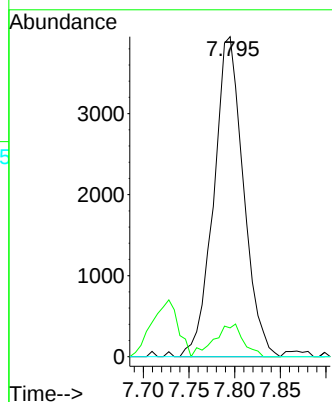
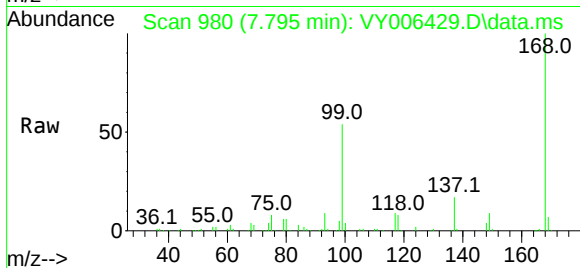
Delta R.T. -0.128 min

Lab File: VY006429.D

Acq: 21 Oct 2021 16:52

Tgt Ion:	75	Resp:	8924
Ion	Ratio	Lower	Upper
75	100		
110	9.2	17.1	51.2#
77	0.0	24.4	36.6#

Instrument :
MSVOA_Y
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 6.129 ug/l

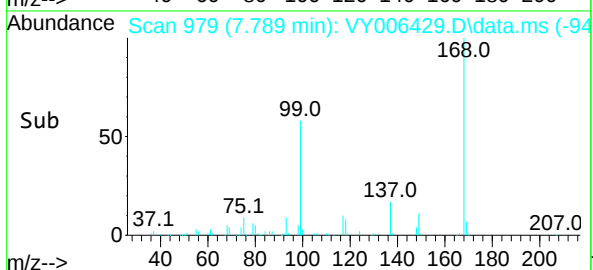
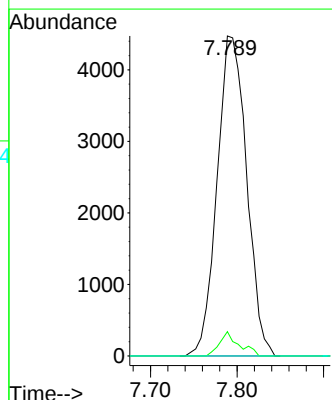
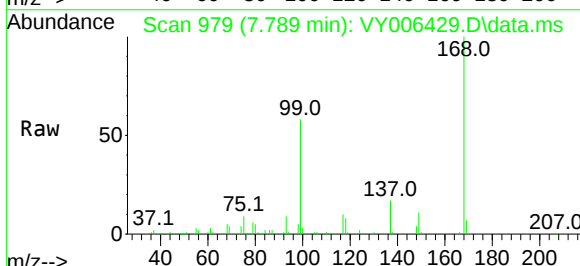
RT: 7.789 min Scan# 979

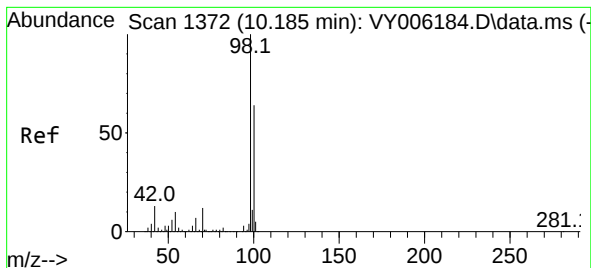
Delta R.T. -0.116 min

Lab File: VY006429.D

Acq: 21 Oct 2021 16:52

Tgt Ion:	117	Resp:	10600
Ion	Ratio	Lower	Upper
117	100		
119	7.6	77.9	116.9#
121	0.0	24.8	37.2#

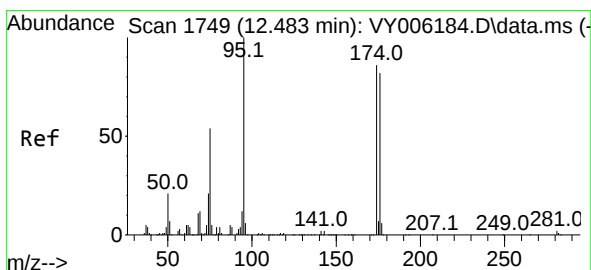
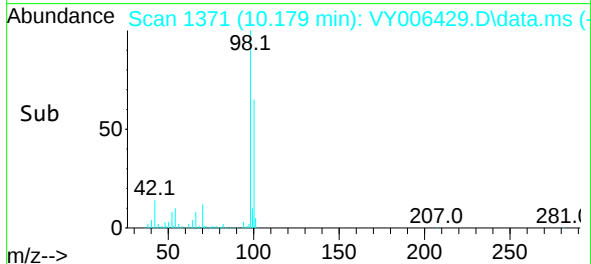
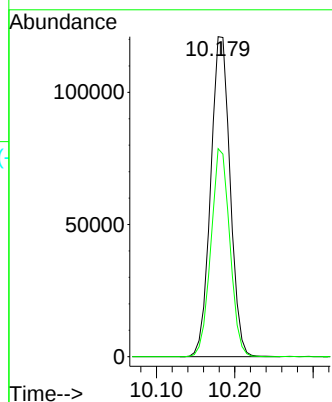
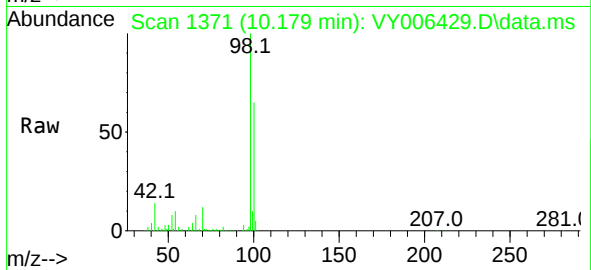




#50
Toluene-d8
Concen: 56.669 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY006429.D
Acq: 21 Oct 2021 16:52

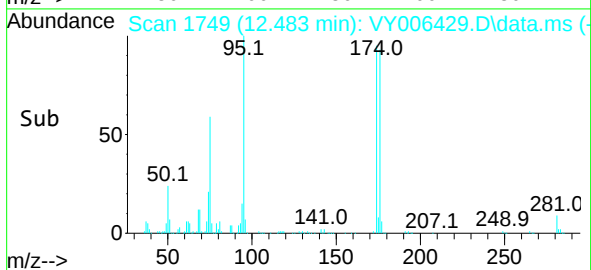
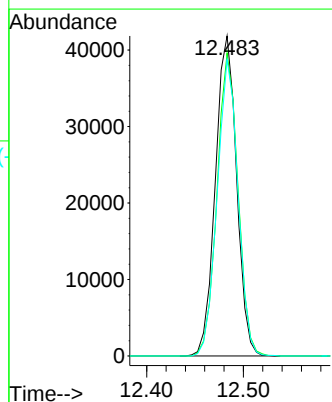
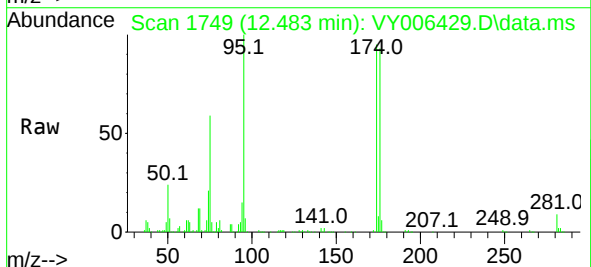
Instrument :
MSVOA_Y
ClientSampled :

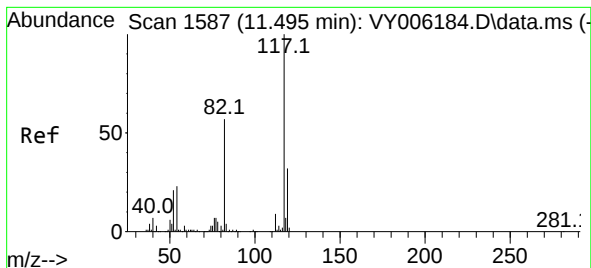
Tgt Ion: 98 Resp: 208597
Ion Ratio Lower Upper
98 100
100 63.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.945 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006429.D
Acq: 21 Oct 2021 16:52

Tgt Ion: 95 Resp: 63706
Ion Ratio Lower Upper
95 100
174 93.3 0.0 177.0
176 90.8 0.0 175.8

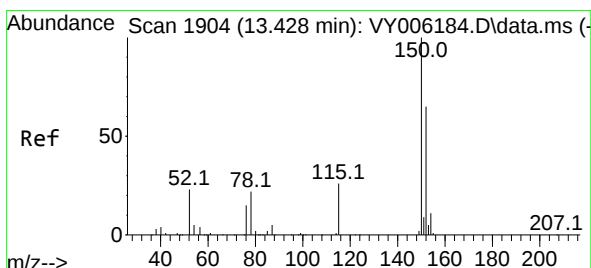
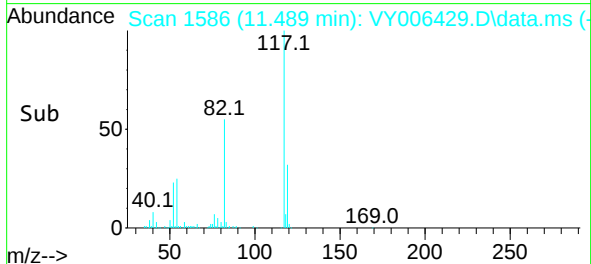
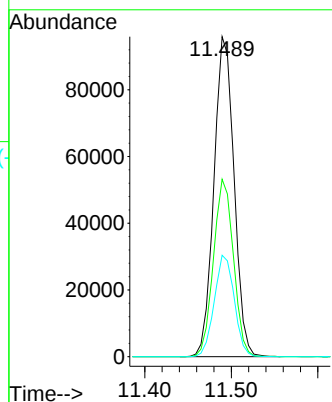
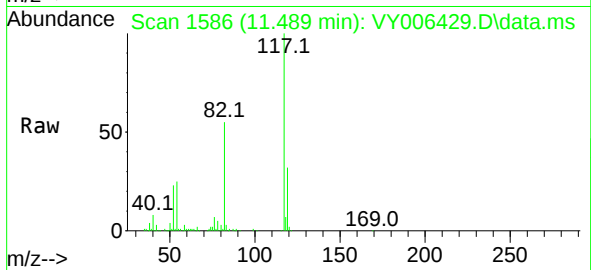




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006429.D
Acq: 21 Oct 2021 16:52

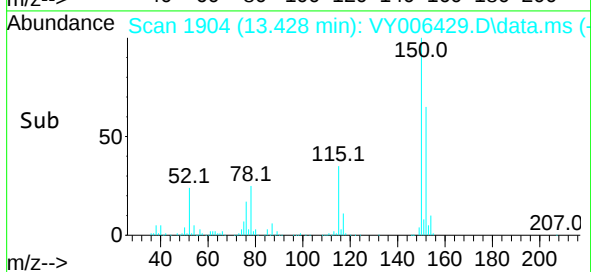
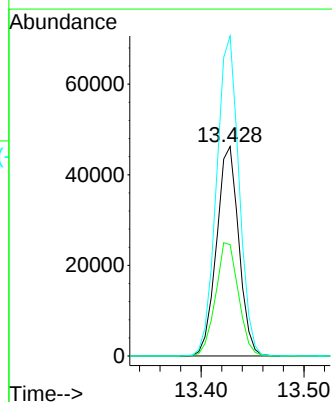
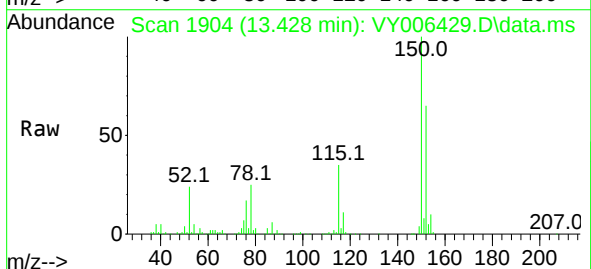
Instrument :
MSVOA_Y
ClientSampled :

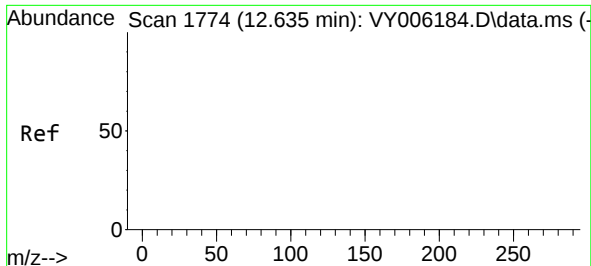
Tgt Ion:117 Resp: 154847
Ion Ratio Lower Upper
117 100
82 55.5 43.0 64.4
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006429.D
Acq: 21 Oct 2021 16:52

Tgt Ion:152 Resp: 69412
Ion Ratio Lower Upper
152 100
115 55.5 28.2 84.7
150 154.1 0.0 347.6

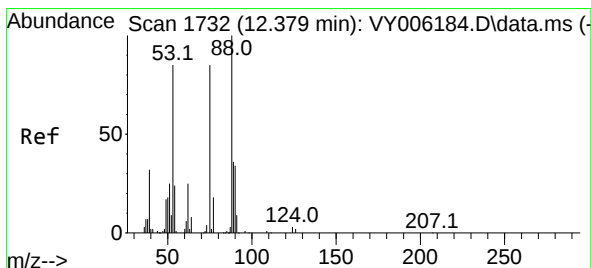
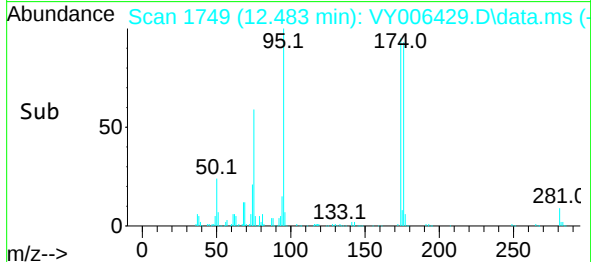
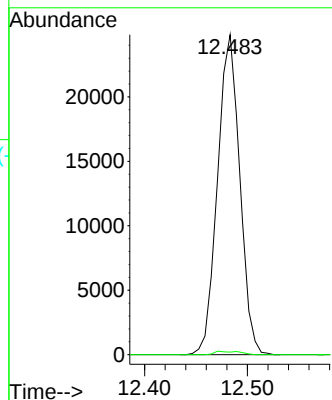
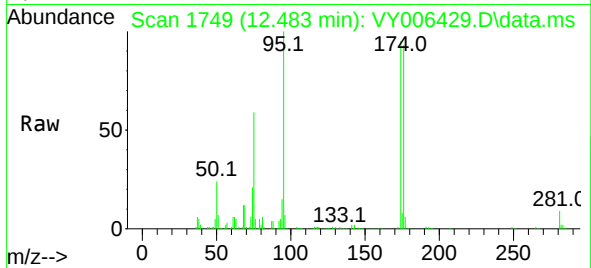




#76
1,2,3-Trichloropropane
Concen: 55.239 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006429.D
Acq: 21 Oct 2021 16:52

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 37267
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.553 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006429.D
Acq: 21 Oct 2021 16:52

Tgt Ion: 75 Resp: 37267
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 0.1 37.0 55.4#

