

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101021\
 Data File : VY006361.D
 Acq On : 08 Oct 2021 17:46
 Operator : SY/MD
 Sample : M4117-06RE
 Misc : 5.60G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 11 03:19:58 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)

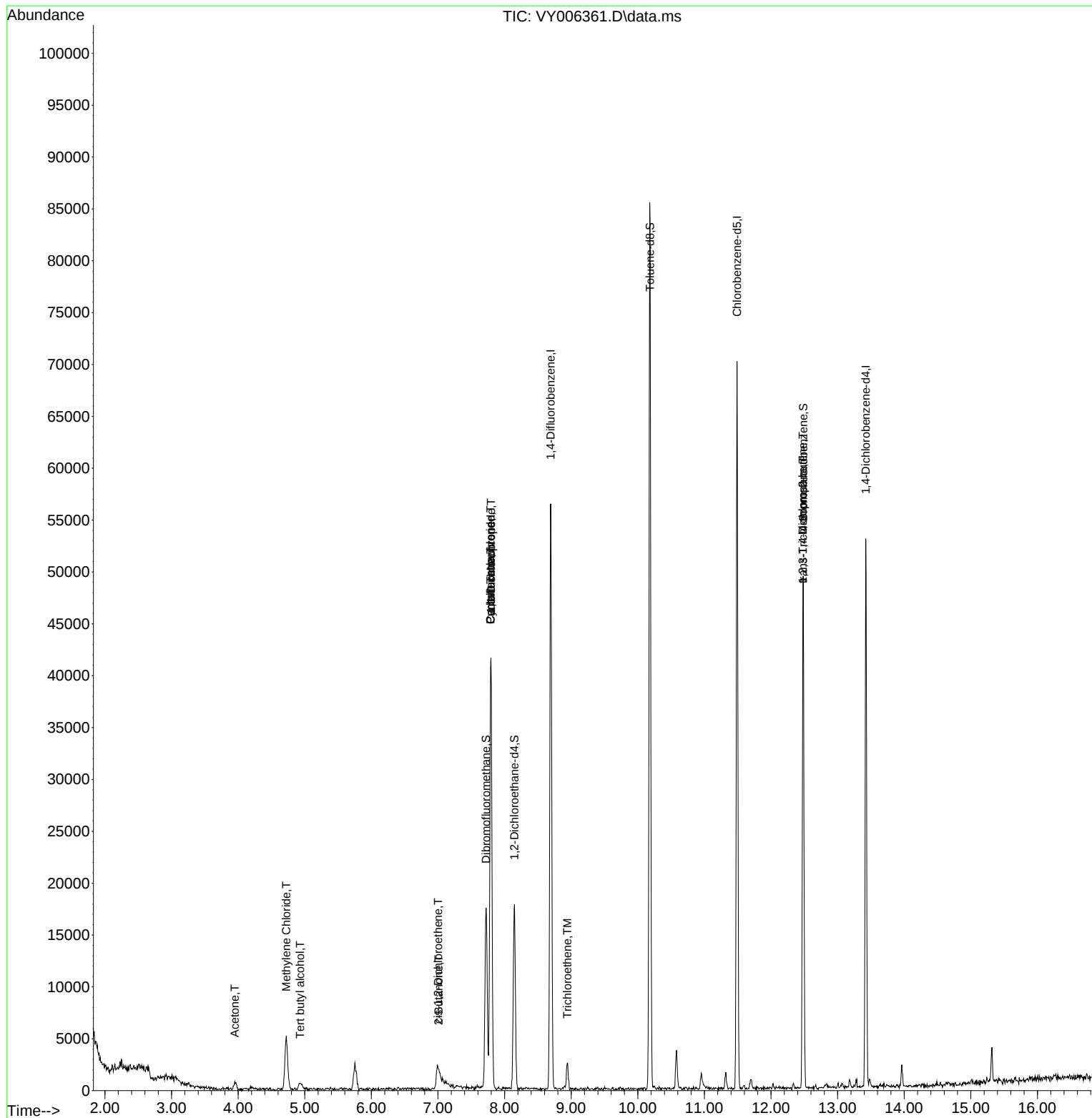
Internal Standards						
1) Pentafluorobenzene	7.789	168	32877	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	46006	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	35513	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	12822	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	14745	41.903	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	83.800%		
35) Dibromofluoromethane	7.722	113	11672	47.487	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.980%		
50) Toluene-d8	10.185	98	55262	53.721	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	107.440%		
62) 4-Bromofluorobenzene	12.483	95	11938	34.162	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	68.320%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.930	59	381	12.378	ug/l #	77
16) Acetone	3.948	43	1160	11.803	ug/l #	84
20) Methylene Chloride	4.722	84	3633	7.545	ug/l #	84
25) 2-Butanone	7.009	43	188	1.373	ug/l #	54
27) cis-1,2-Dichloroethene	7.002	96	593	1.551	ug/l	79
31) Cyclohexane	7.789	56	781	1.172	ug/l #	32
36) 1,1-Dichloropropene	7.795	75	2991	6.534	ug/l #	48
38) Carbon Tetrachloride	7.789	117	3227	6.676	ug/l #	15
44) Trichloroethene	8.941	130	989	2.949	ug/l	100
76) 1,2,3-Trichloropropane	12.477	75	7266	58.304	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	7266	114.575	ug/l #	7

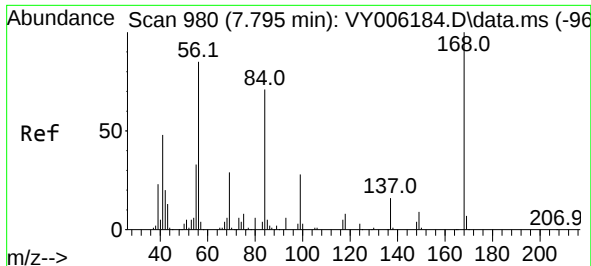
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101021\
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Quant Time: Oct 11 03:19:58 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

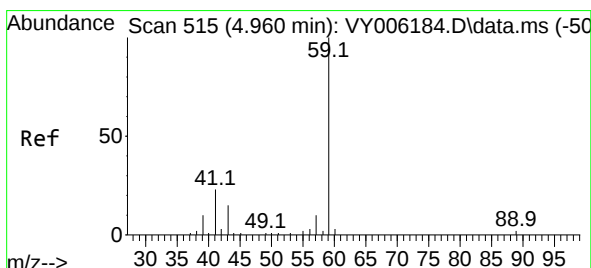
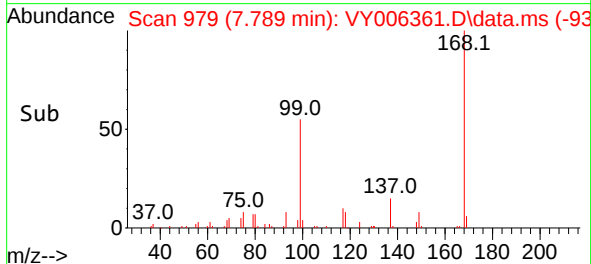
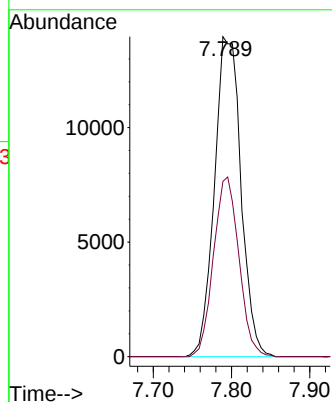
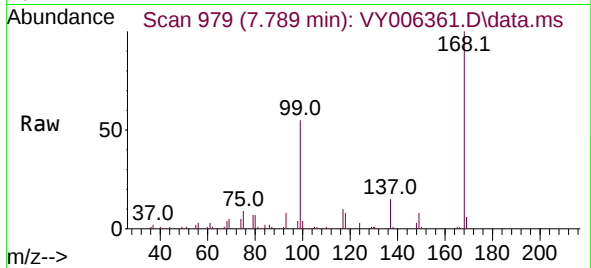




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY006361.D
Acq: 08 Oct 2021 17:46

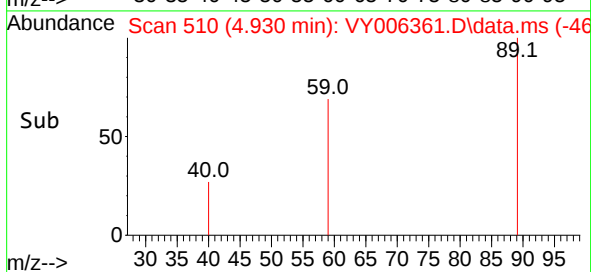
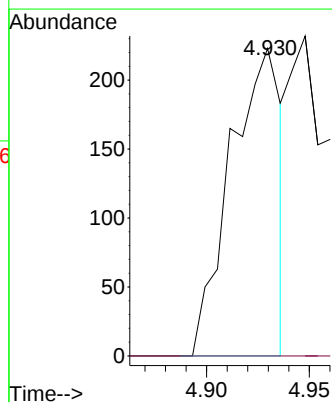
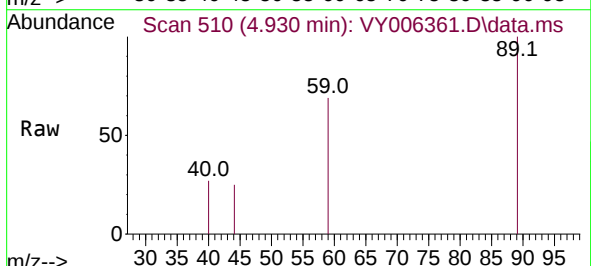
Instrument :
MSVOA_Y
ClientSampled :

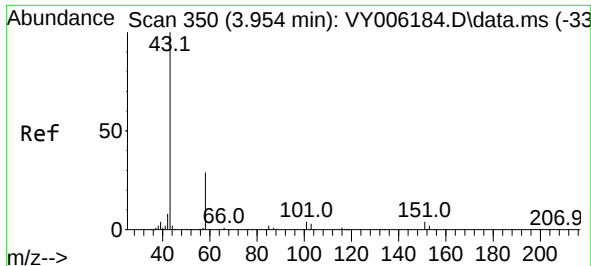
Tgt Ion:168 Resp: 32877
Ion Ratio Lower Upper
168 100
99 54.8 46.9 70.3



#11
Tert butyl alcohol
Concen: 12.378 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.030 min
Lab File: VY006361.D
Acq: 08 Oct 2021 17:46

Tgt Ion: 59 Resp: 381
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

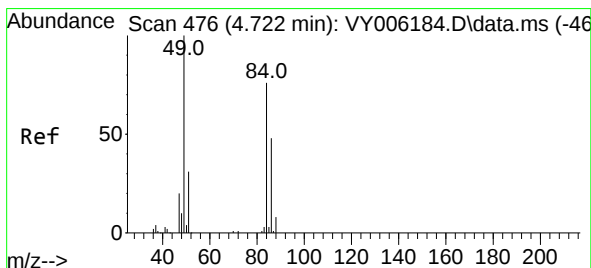
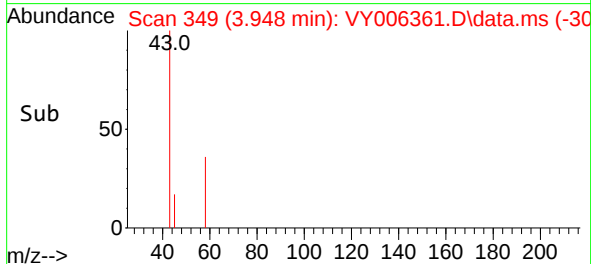
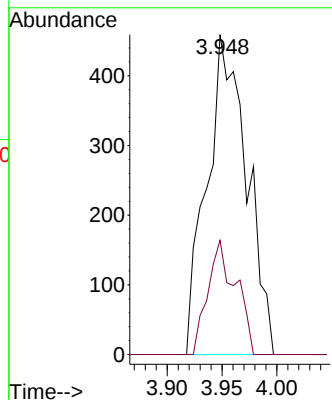
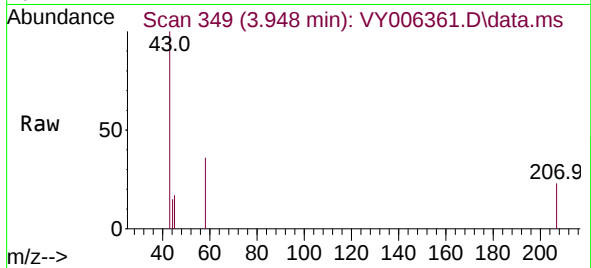




#16
Acetone
Concen: 11.803 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006361.D
Acq: 08 Oct 2021 17:46

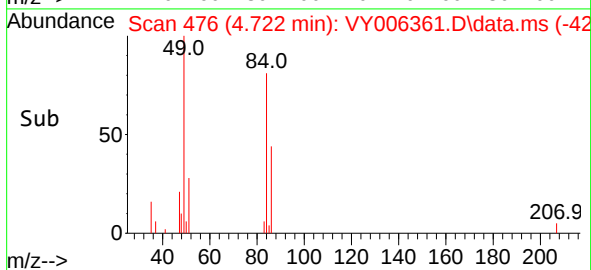
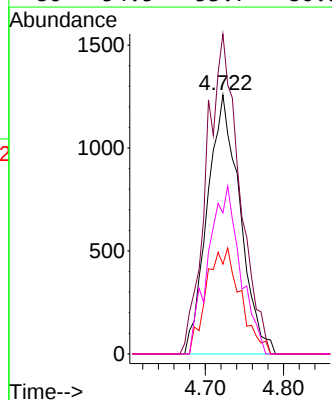
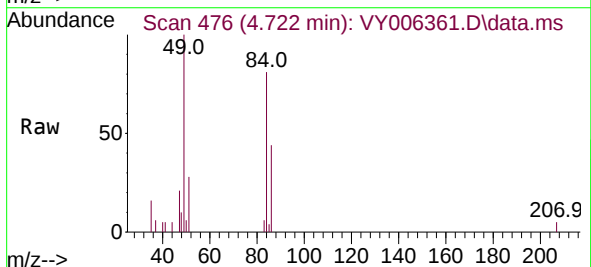
Instrument :
MSVOA_Y
ClientSampled :

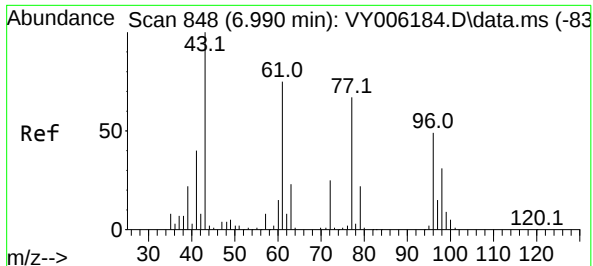
Tgt Ion: 43 Resp: 1160
Ion Ratio Lower Upper
43 100
58 35.7 22.0 33.0#



#20
Methylene Chloride
Concen: 7.545 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY006361.D
Acq: 08 Oct 2021 17:46

Tgt Ion: 84 Resp: 3633
Ion Ratio Lower Upper
84 100
49 123.5 114.4 171.6
51 34.7 35.3 52.9#
86 54.5 53.7 80.5





#25

2-Butanone

Concen: 1.373 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.018 min

Lab File: VY006361.D

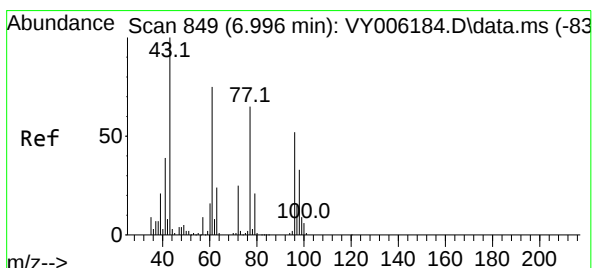
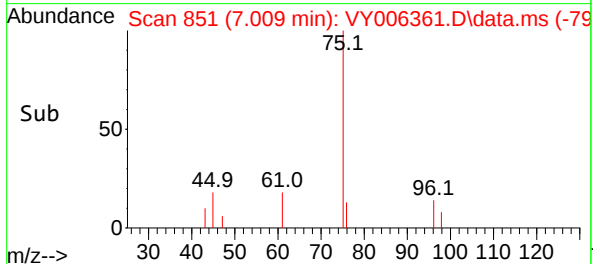
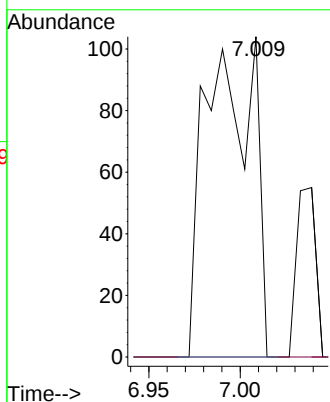
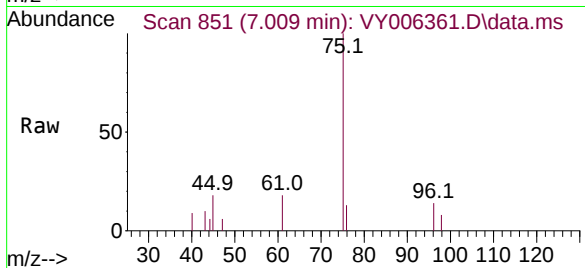
Acq: 08 Oct 2021 17:46

Tgt Ion: 43 Resp: 188

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#



#27

cis-1,2-Dichloroethene

Concen: 1.551 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY006361.D

Acq: 08 Oct 2021 17:46

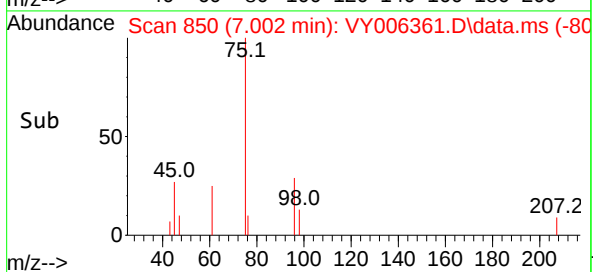
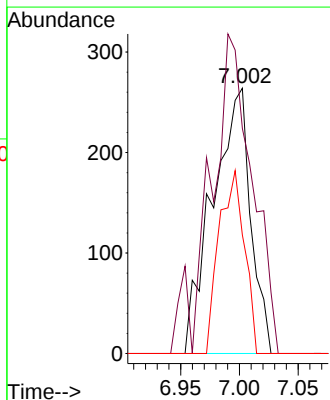
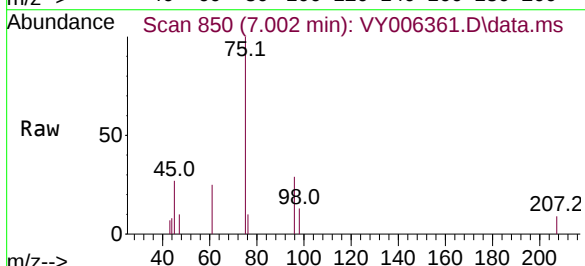
Tgt Ion: 96 Resp: 593

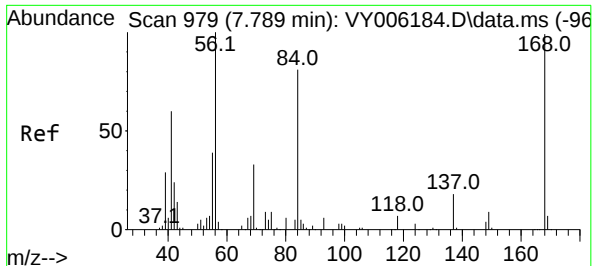
Ion Ratio Lower Upper

96 100

61 132.7 0.0 319.8

98 46.0 0.0 127.0

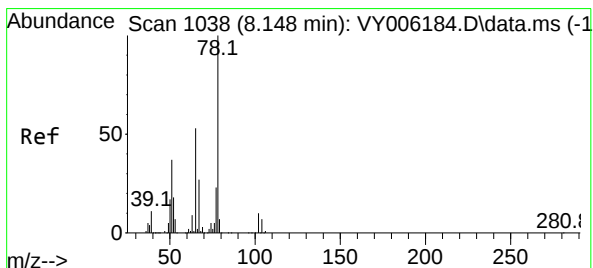
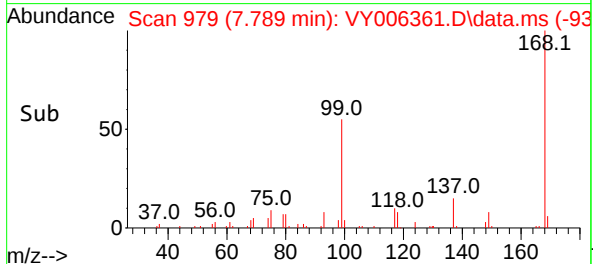
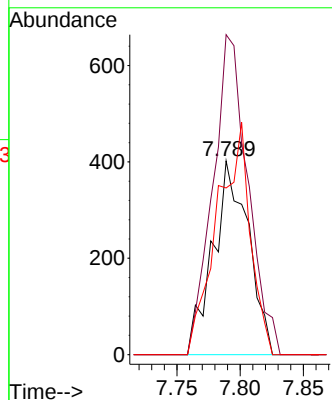
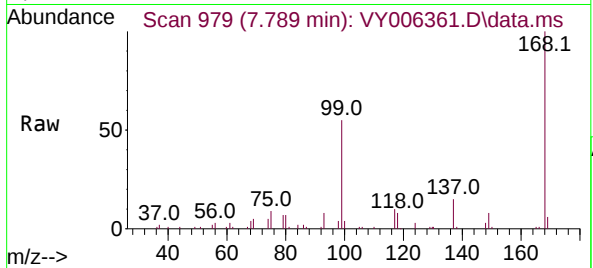




#31
Cyclohexane
Concen: 1.172 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY006361.D
Acq: 08 Oct 2021 17:46

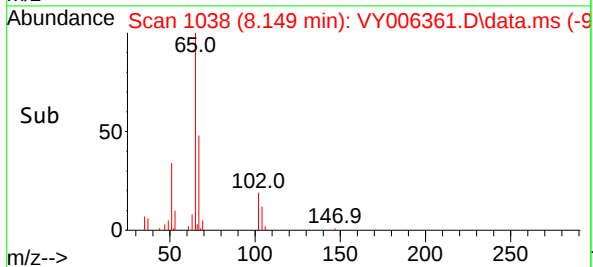
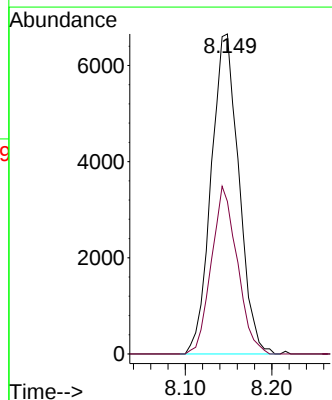
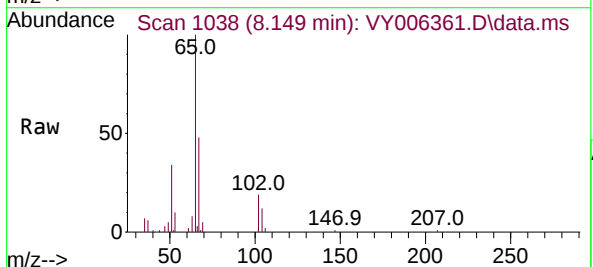
Instrument :
MSVOA_Y
ClientSampled :

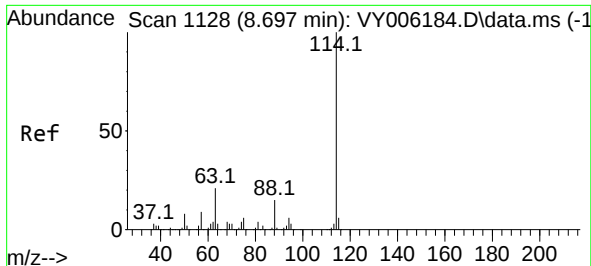
Tgt Ion: 56 Resp: 781
Ion Ratio Lower Upper
56 100
69 165.2 26.7 40.1#
84 86.1 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 41.903 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006361.D
Acq: 08 Oct 2021 17:46

Tgt Ion: 65 Resp: 14745
Ion Ratio Lower Upper
65 100
67 49.0 0.0 99.4

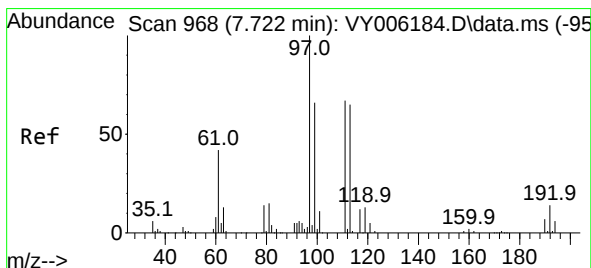
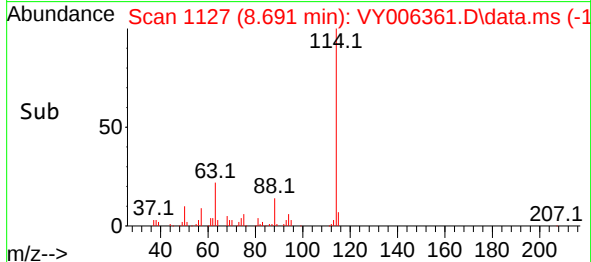
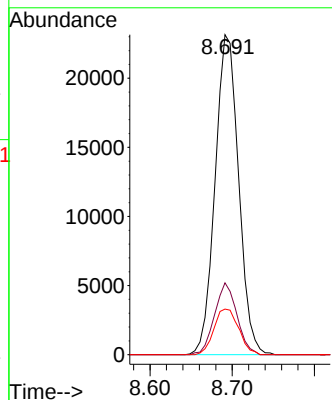
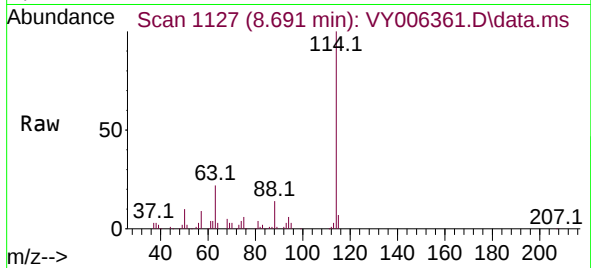




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006361.D
Acq: 08 Oct 2021 17:46

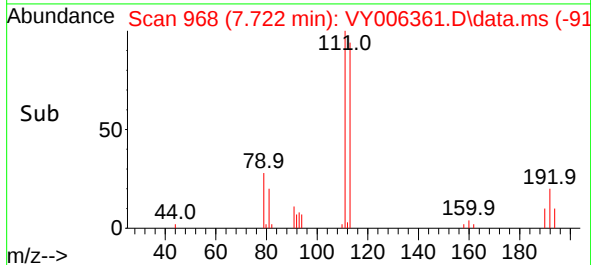
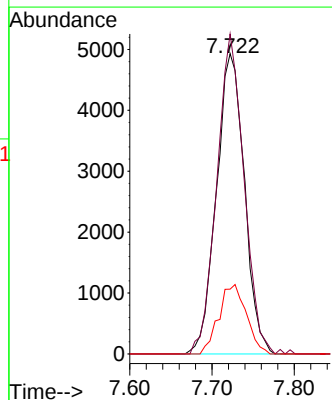
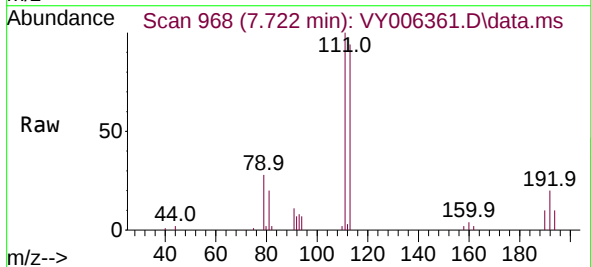
Instrument :
MSVOA_Y
ClientSampled :

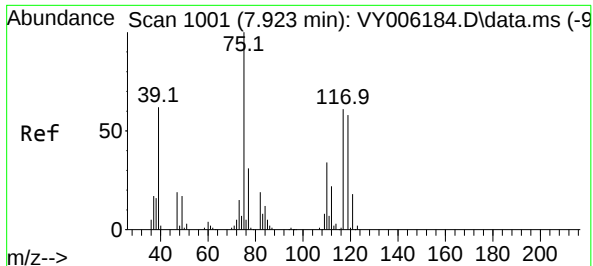
Tgt Ion:	114	Resp:	46006
Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	43.2
88	14.3	0.0	31.8



#35
Dibromofluoromethane
Concen: 47.487 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006361.D
Acq: 08 Oct 2021 17:46

Tgt Ion:	113	Resp:	11672
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.6	124.0
192	22.7	17.6	26.4





#36

1,1-Dichloropropene

Concen: 6.534 ug/l

RT: 7.795 min Scan# 980

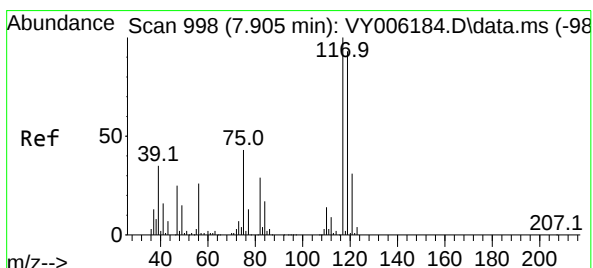
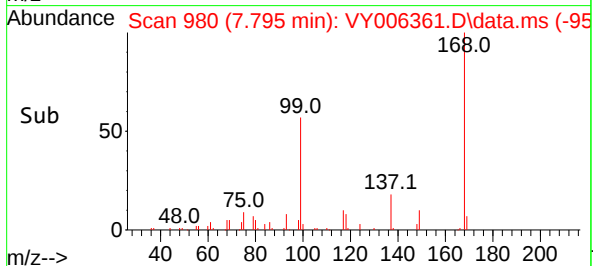
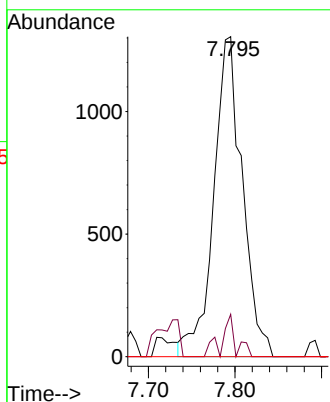
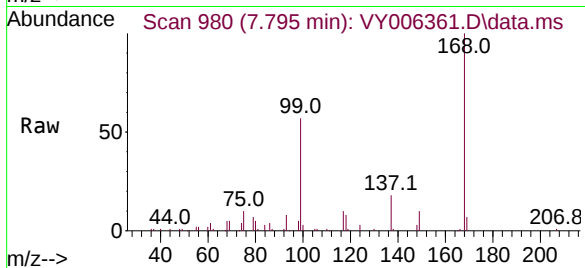
Delta R.T. -0.128 min

Lab File: VY006361.D

Acq: 08 Oct 2021 17:46

Tgt Ion:	75	Resp:	2991
Ion	Ratio	Lower	Upper
75	100		
110	6.7	17.1	51.2#
77	0.0	24.4	36.6#

Instrument :
MSVOA_Y
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.676 ug/l

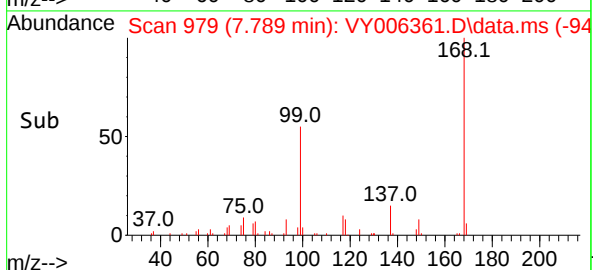
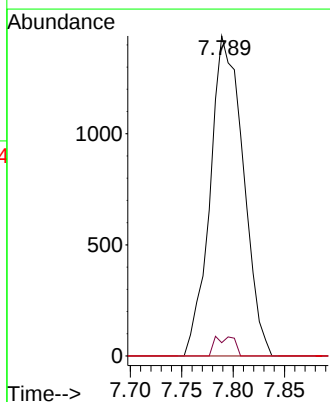
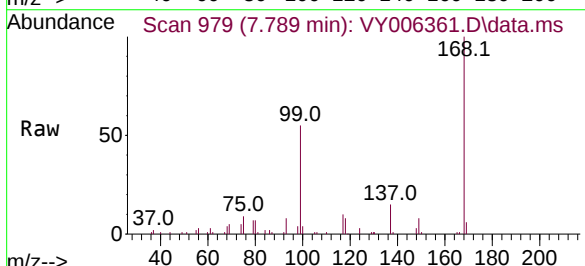
RT: 7.789 min Scan# 979

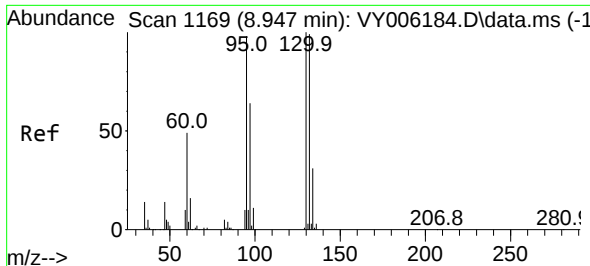
Delta R.T. -0.116 min

Lab File: VY006361.D

Acq: 08 Oct 2021 17:46

Tgt Ion:	117	Resp:	3227
Ion	Ratio	Lower	Upper
117	100		
119	4.2	77.9	116.9#
121	0.0	24.8	37.2#

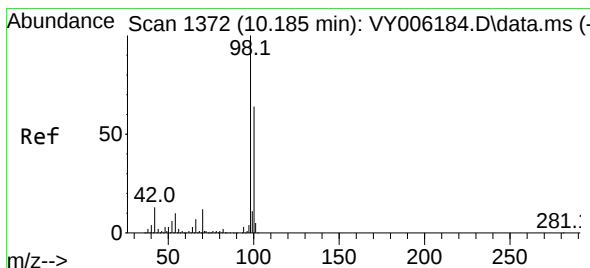
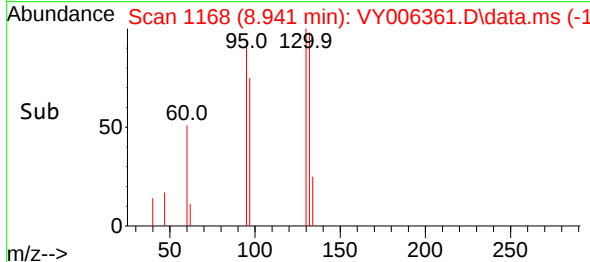
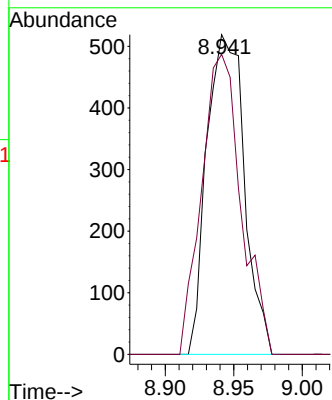
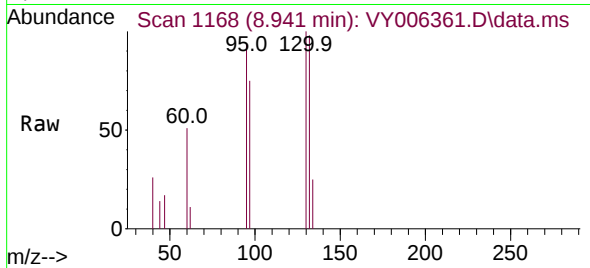




#44
Trichloroethene
Concen: 2.949 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY006361.D
Acq: 08 Oct 2021 17:46

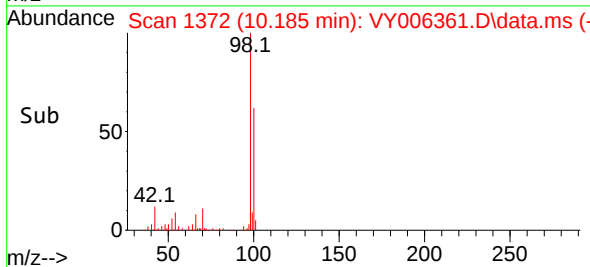
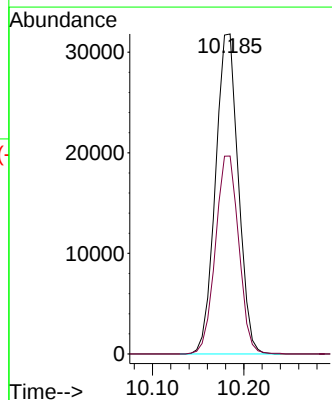
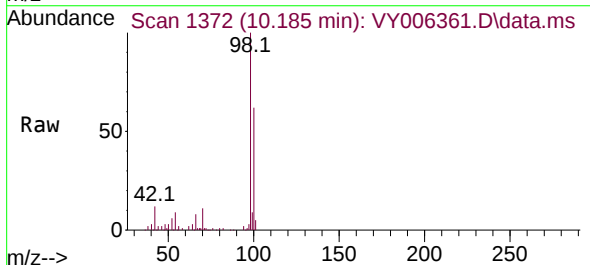
Instrument :
MSVOA_Y
ClientSampled :

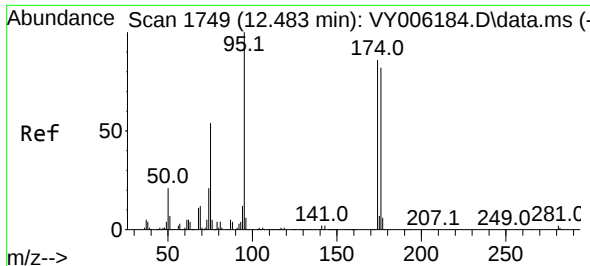
Tgt Ion:130 Resp: 989
Ion Ratio Lower Upper
130 100
95 93.8 0.0 188.2



#50
Toluene-d8
Concen: 53.721 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006361.D
Acq: 08 Oct 2021 17:46

Tgt Ion: 98 Resp: 55262
Ion Ratio Lower Upper
98 100
100 63.2 50.2 75.2

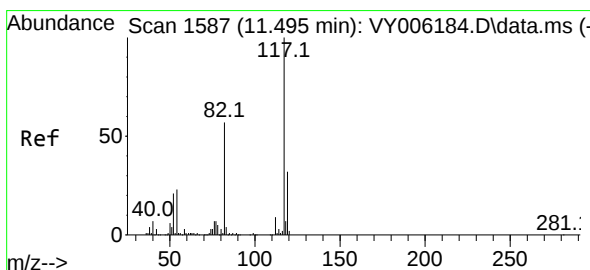
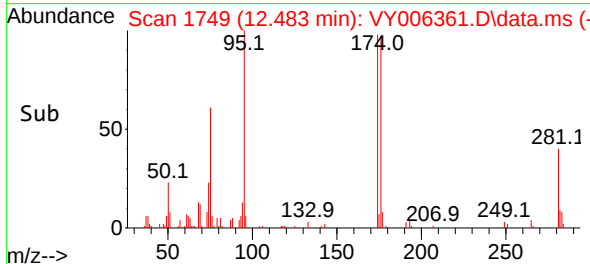
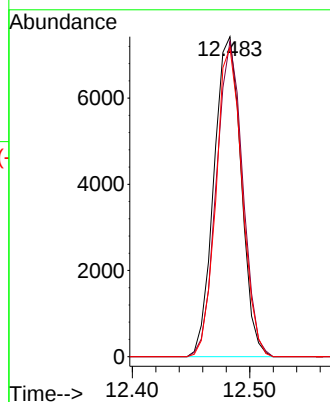
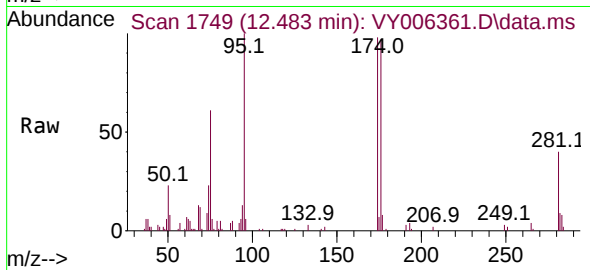




#62
4-Bromofluorobenzene
Concen: 34.162 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006361.D
Acq: 08 Oct 2021 17:46

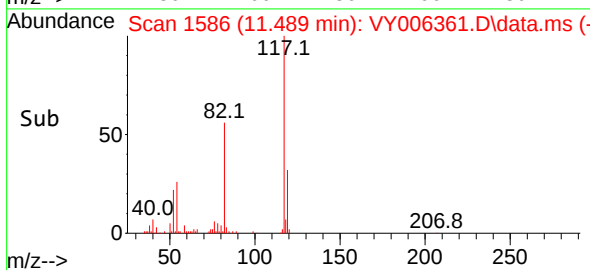
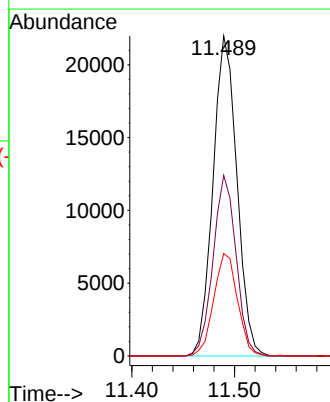
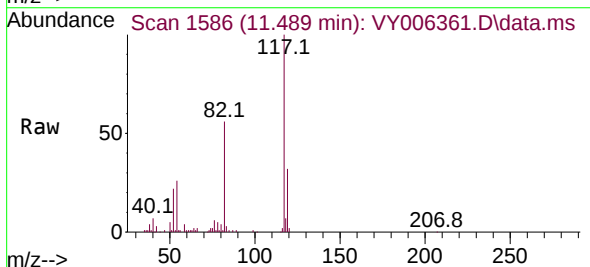
Instrument :
MSVOA_Y
ClientSampleId :

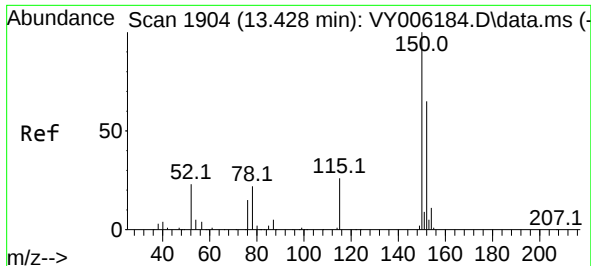
Tgt Ion: 95 Resp: 11938
Ion Ratio Lower Upper
95 100
174 95.4 0.0 177.0
176 92.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006361.D
Acq: 08 Oct 2021 17:46

Tgt Ion: 117 Resp: 35513
Ion Ratio Lower Upper
117 100
82 56.5 43.0 64.4
119 32.0 25.4 38.0

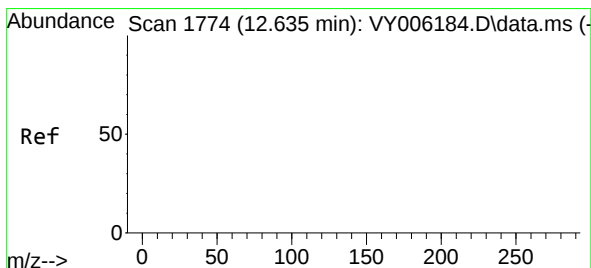
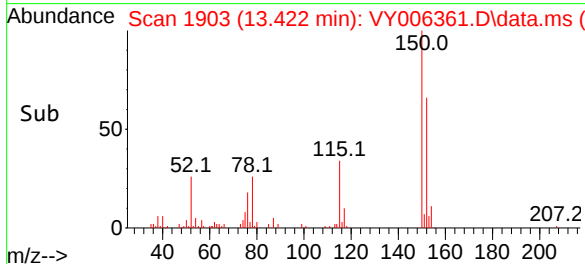
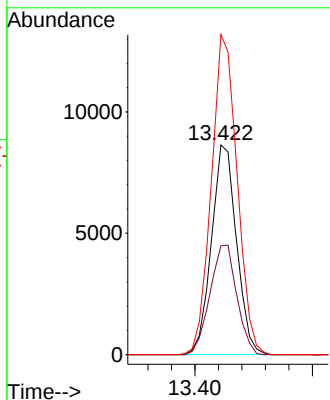
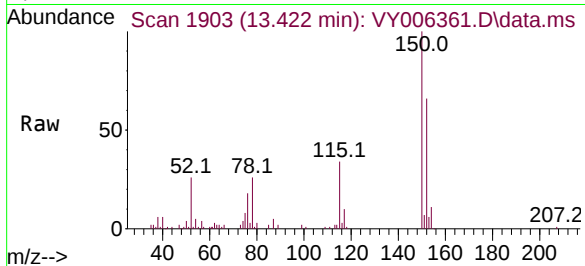




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY006361.D
 Acq: 08 Oct 2021 17:46

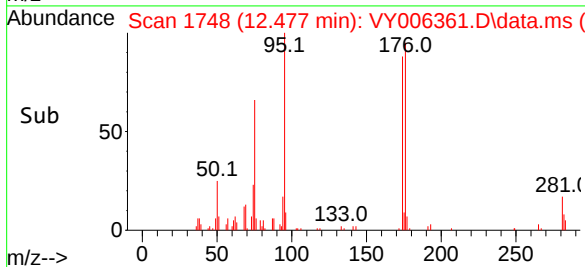
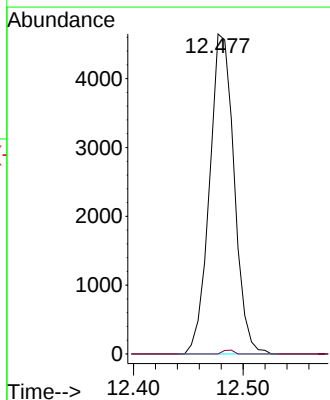
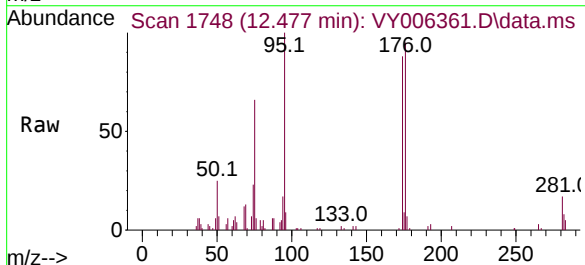
Instrument :
 MSVOA_Y
 ClientSampled :

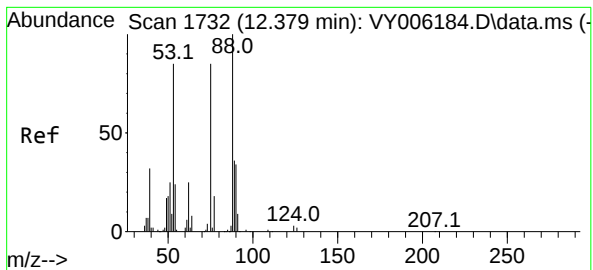
Tgt Ion:152 Resp: 12822
 Ion Ratio Lower Upper
 152 100
 115 55.8 28.2 84.7
 150 156.9 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 58.304 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.158 min
 Lab File: VY006361.D
 Acq: 08 Oct 2021 17:46

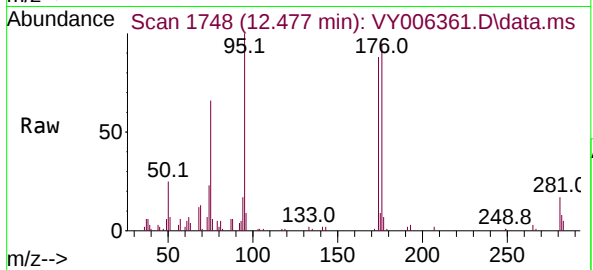
Tgt Ion: 75 Resp: 7266
 Ion Ratio Lower Upper
 75 100
 77 0.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 114.575 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. 0.098 min
 Lab File: VY006361.D
 Acq: 08 Oct 2021 17:46

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 7266
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

