

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101021\
 Data File : VY006365.D
 Acq On : 08 Oct 2021 19:19
 Operator : SY/MD
 Sample : M4041-02
 Misc : 5.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 11 03:20:59 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)

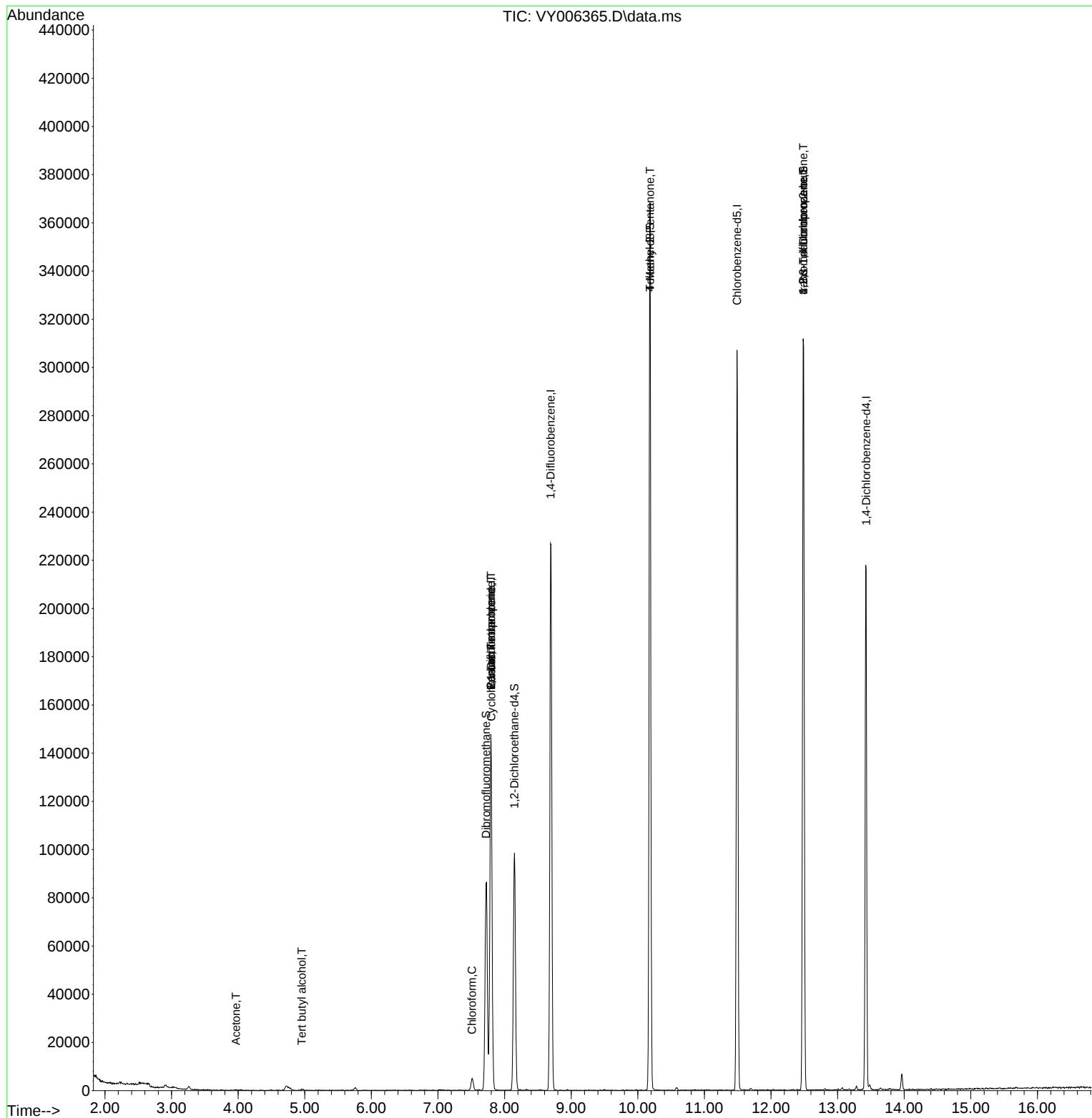
Internal Standards						
1) Pentafluorobenzene	7.795	168	113595	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	188279	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	161578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	55500	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	81518	67.049	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.100%	
35) Dibromofluoromethane	7.722	113	58289	57.947	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.900%	
50) Toluene-d8	10.185	98	234611	55.729	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.460%	
62) 4-Bromofluorobenzene	12.483	95	59709	41.750	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 83.500%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	782	7.353	ug/l #	77
16) Acetone	3.966	43	453	1.334	ug/l	90
20) Methylene Chloride	4.722	84	1107	Below Cal	#	76
30) Chloroform	7.508	83	4790	2.210	ug/l	92
31) Cyclohexane	7.801	56	2666	1.157	ug/l #	29
36) 1,1-Dichloropropene	7.795	75	8963	4.785	ug/l #	51
38) Carbon Tetrachloride	7.795	117	11250	5.687	ug/l #	15
51) 4-Methyl-2-Pentanone	10.185	43	1145	1.054	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	35360	65.550	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	35360	128.816	ug/l #	8

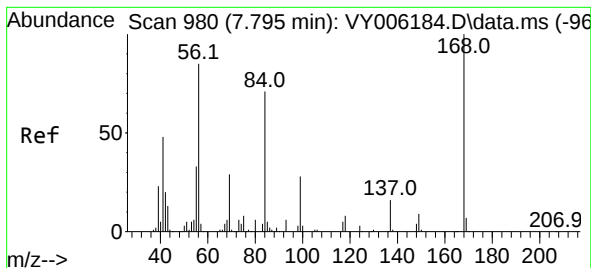
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101021\
Data File : VY006365.D
Acq On : 08 Oct 2021 19:19
Operator : SY/MD
Sample : M4041-02
Misc : 5.06G/5ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 11 03:20:59 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

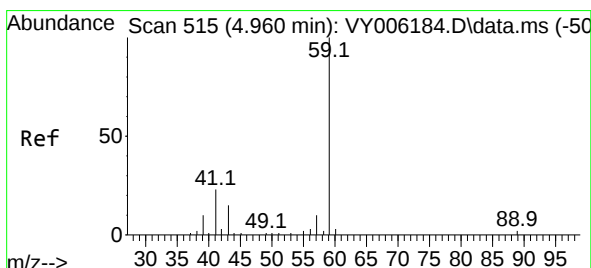
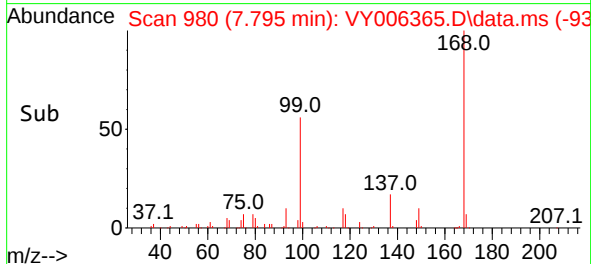
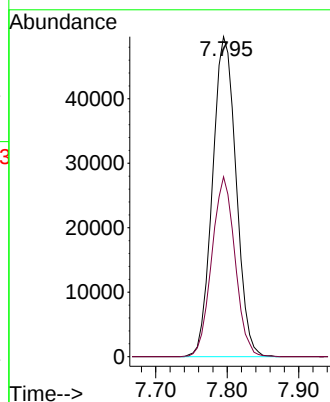
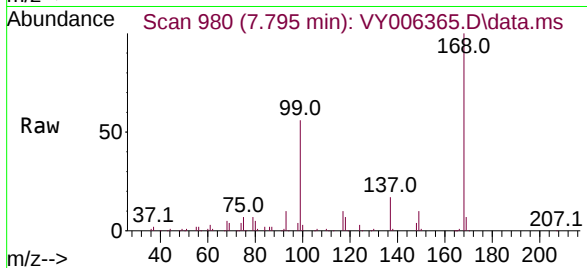
Lab File: VY006365.D

Acq: 08 Oct 2021 19:19

Tgt Ion:168 Resp: 113595

Ion Ratio Lower Upper

168	100		
99	56.2	46.9	70.3



#11

Tert butyl alcohol

Concen: 7.353 ug/l

RT: 4.954 min Scan# 514

Delta R.T. -0.006 min

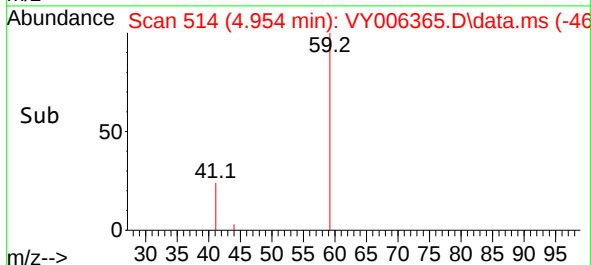
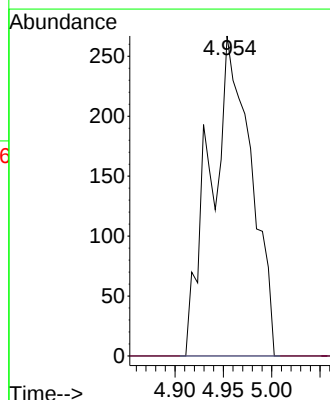
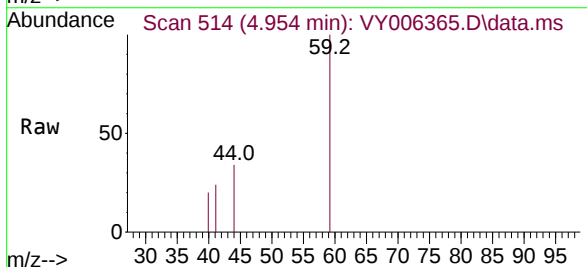
Lab File: VY006365.D

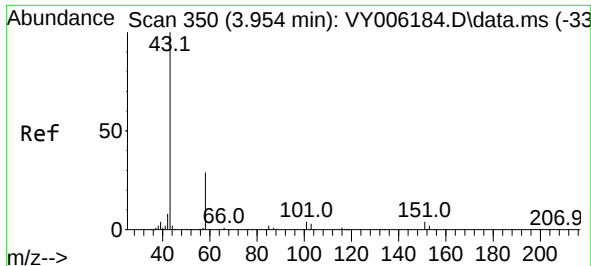
Acq: 08 Oct 2021 19:19

Tgt Ion: 59 Resp: 782

Ion Ratio Lower Upper

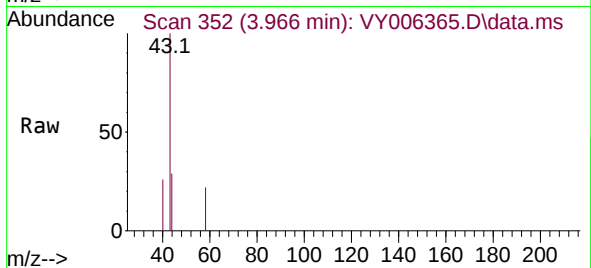
59	100		
57	0.0	6.4	9.6#



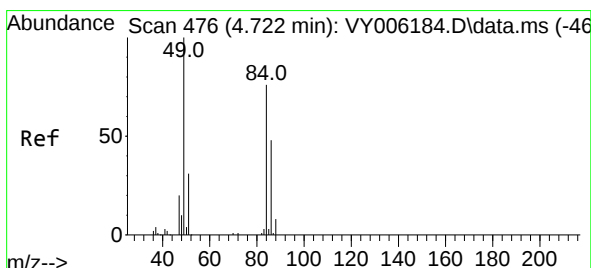
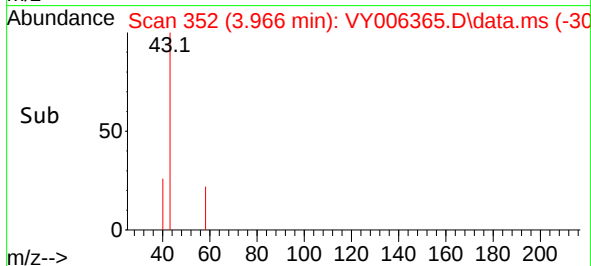
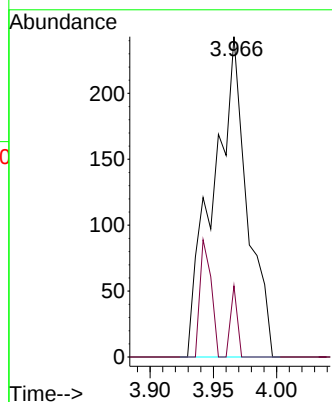


#16
Acetone
Concen: 1.334 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY006365.D
Acq: 08 Oct 2021 19:19

Instrument :
MSVOA_Y
ClientSampled :

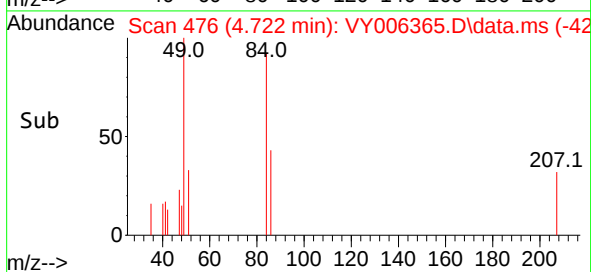
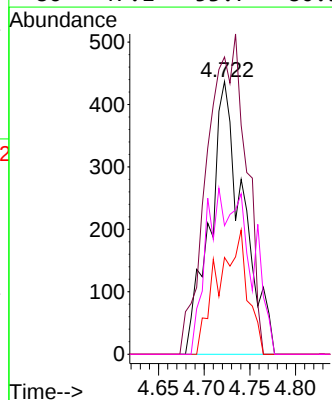
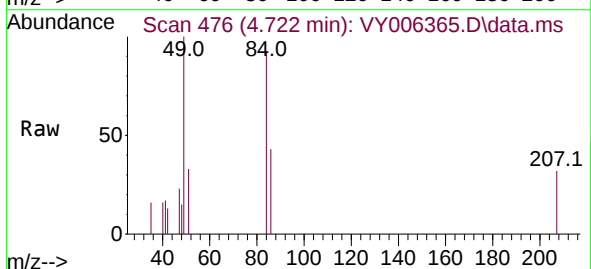


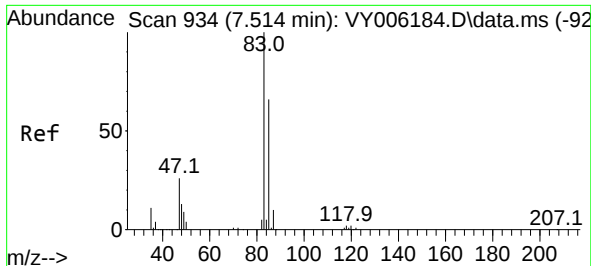
Tgt Ion: 43 Resp: 453
Ion Ratio Lower Upper
43 100
58 22.2 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY006365.D
Acq: 08 Oct 2021 19:19

Tgt Ion: 84 Resp: 1107
Ion Ratio Lower Upper
84 100
49 108.9 114.4 171.6#
51 35.5 35.3 52.9
86 47.1 53.7 80.5#

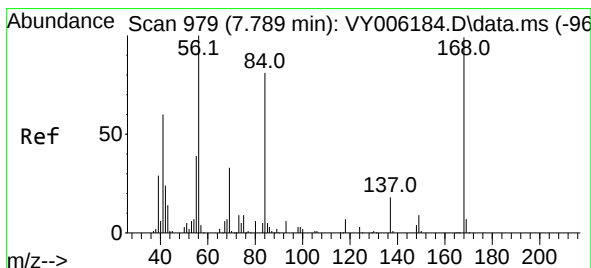
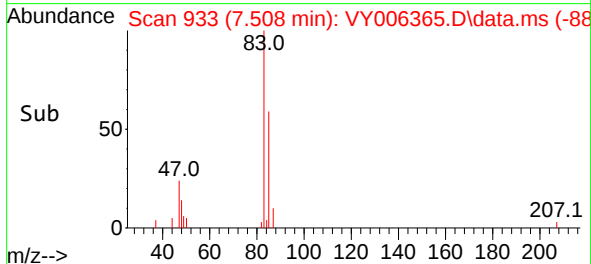
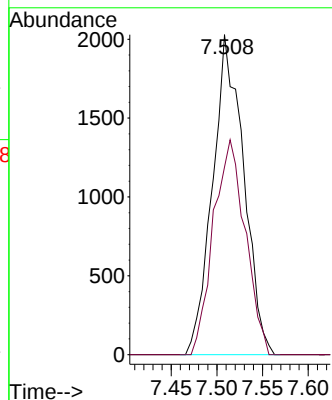
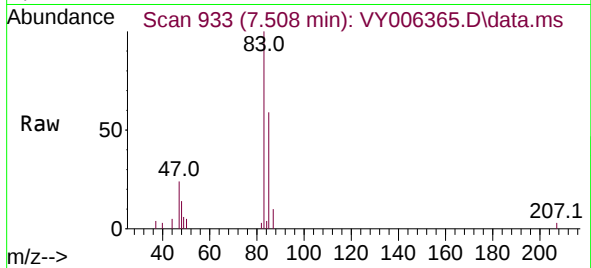




#30
Chloroform
Concen: 2.210 ug/l
RT: 7.508 min Scan# 933
Delta R.T. -0.006 min
Lab File: VY006365.D
Acq: 08 Oct 2021 19:19

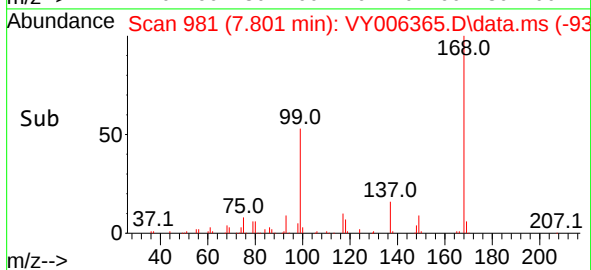
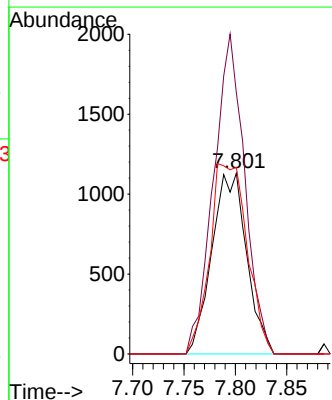
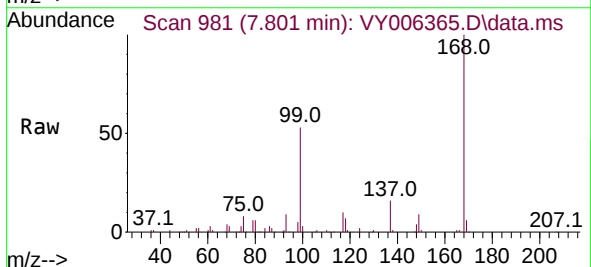
Instrument :
MSVOA_Y
ClientSampleId :

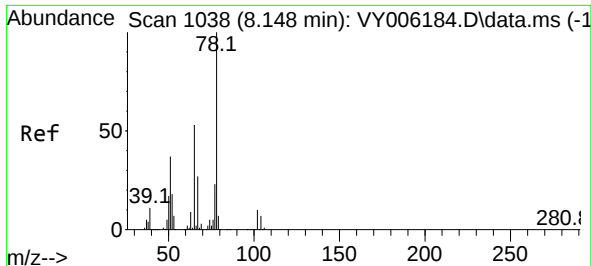
Tgt Ion: 83 Resp: 4790
Ion Ratio Lower Upper
83 100
85 58.6 51.8 77.6



#31
Cyclohexane
Concen: 1.157 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY006365.D
Acq: 08 Oct 2021 19:19

Tgt Ion: 56 Resp: 2666
Ion Ratio Lower Upper
56 100
69 144.4 26.7 40.1#
84 103.3 67.2 100.8#

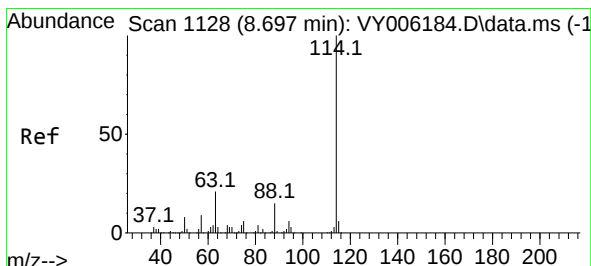
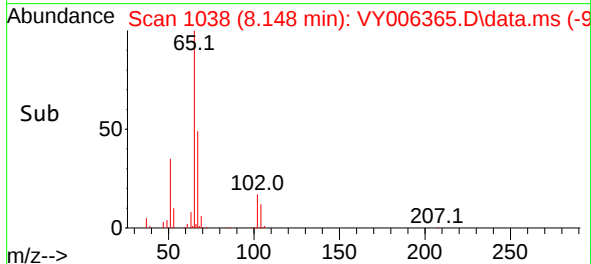
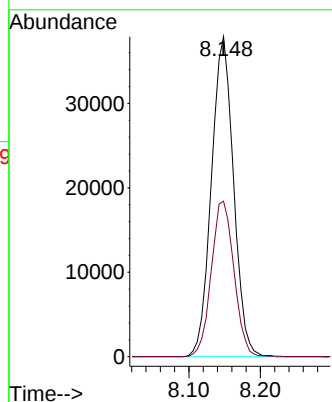
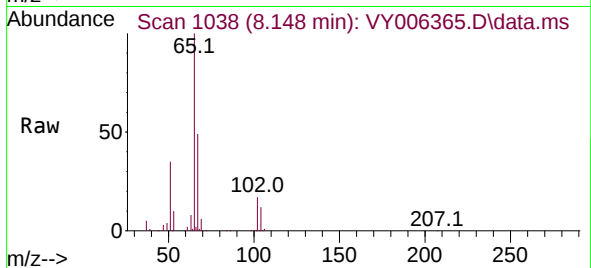




#33
1,2-Dichloroethane-d4
Concen: 67.049 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006365.D
Acq: 08 Oct 2021 19:19

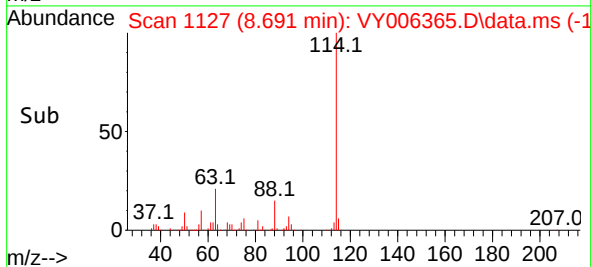
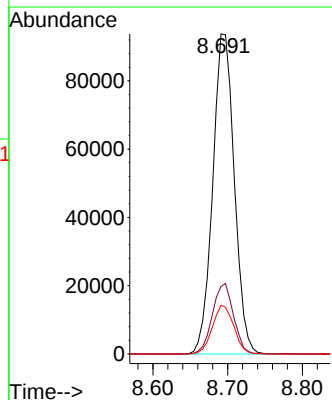
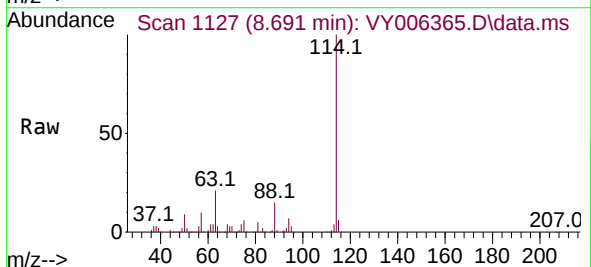
Instrument :
MSVOA_Y
ClientSampled :

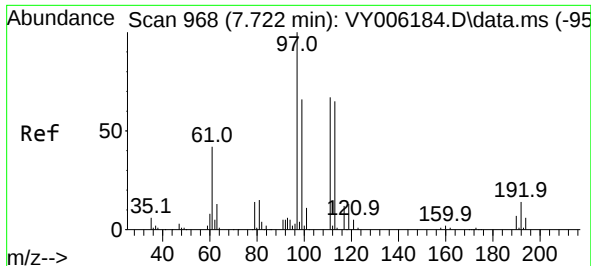
Tgt Ion: 65 Resp: 81518
Ion Ratio Lower Upper
65 100
67 49.8 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006365.D
Acq: 08 Oct 2021 19:19

Tgt Ion:114 Resp: 188279
Ion Ratio Lower Upper
114 100
63 21.1 0.0 43.2
88 15.2 0.0 31.8

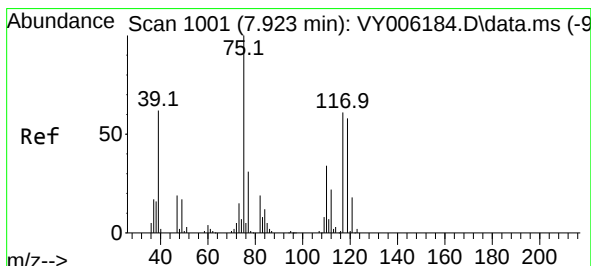
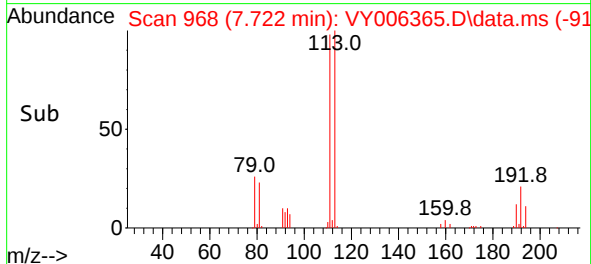
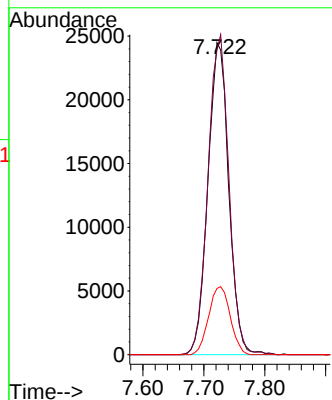
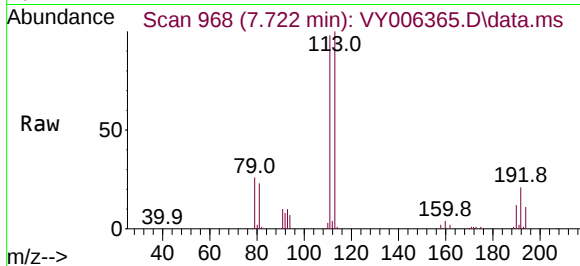




#35
Dibromofluoromethane
Concen: 57.947 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY006365.D
Acq: 08 Oct 2021 19:19

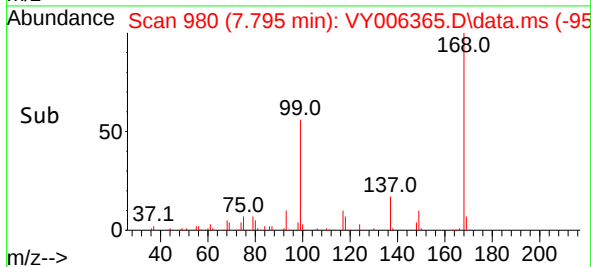
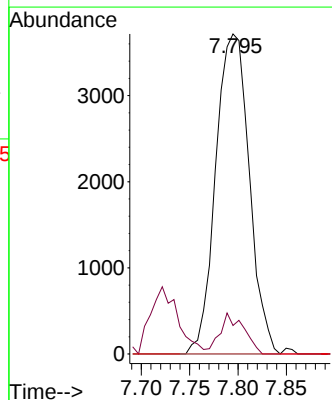
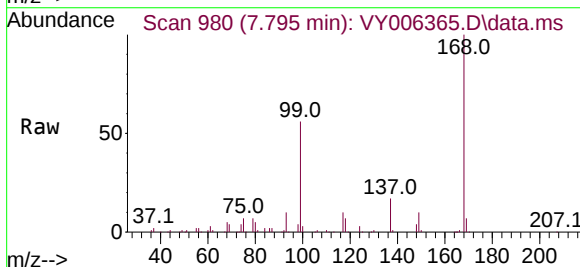
Instrument :
MSVOA_Y
ClientSampleId :

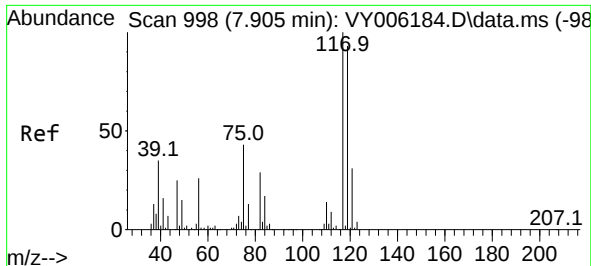
Tgt Ion:	113	Resp:	58289
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.6	124.0
192	22.5	17.6	26.4



#36
1,1-Dichloropropene
Concen: 4.785 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006365.D
Acq: 08 Oct 2021 19:19

Tgt Ion:	75	Resp:	8963
Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.1	51.2#
77	0.0	24.4	36.6#

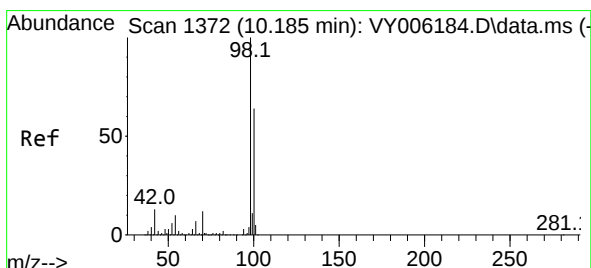
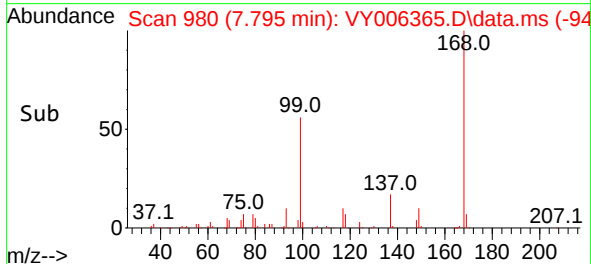
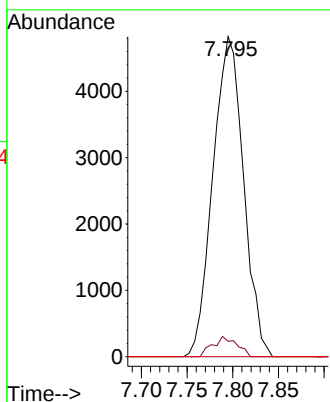
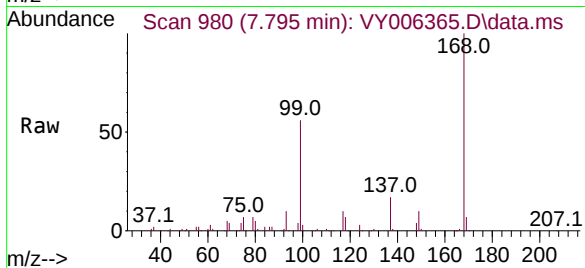




#38
Carbon Tetrachloride
Concen: 5.687 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006365.D
Acq: 08 Oct 2021 19:19

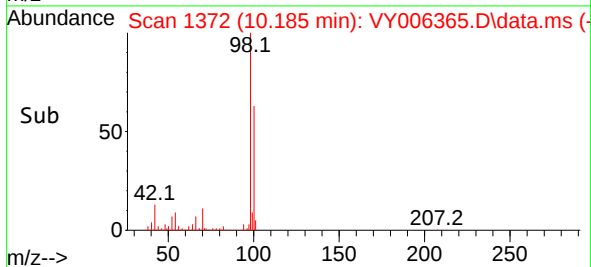
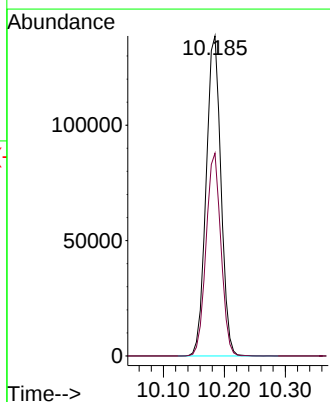
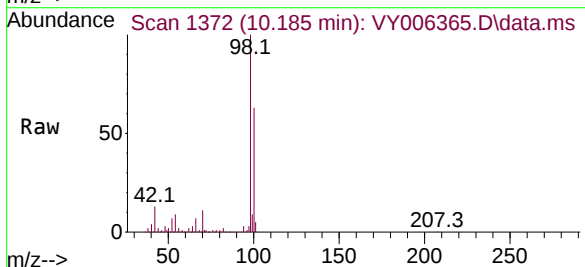
Instrument :
MSVOA_Y
ClientSampleId :

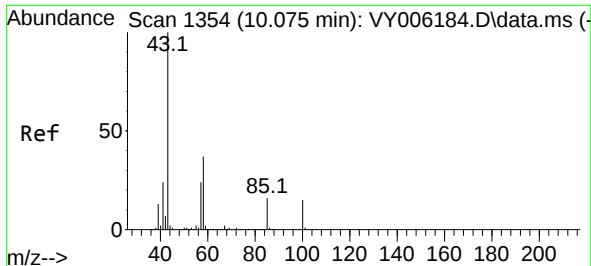
Tgt Ion:117 Resp: 11250
Ion Ratio Lower Upper
117 100
119 4.8 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 55.729 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006365.D
Acq: 08 Oct 2021 19:19

Tgt Ion: 98 Resp: 234611
Ion Ratio Lower Upper
98 100
100 63.6 50.2 75.2

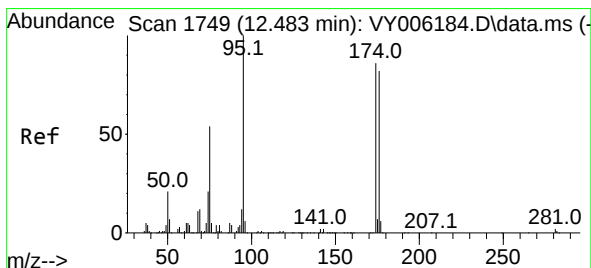
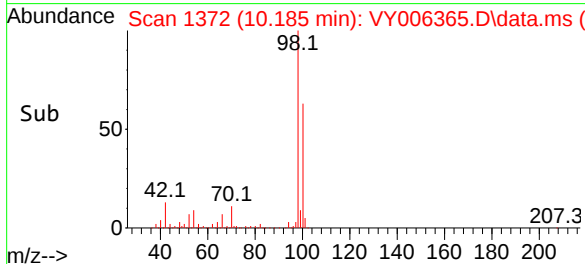
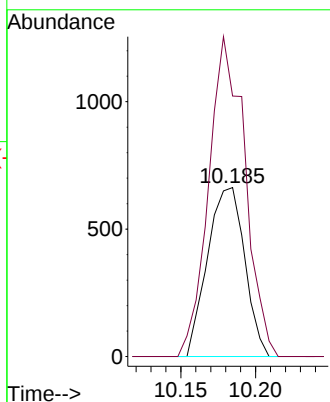
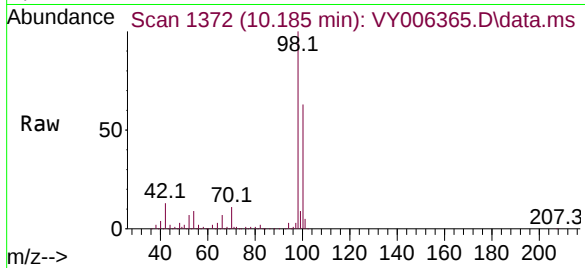




#51
4-Methyl-2-Pentanone
Concen: 1.054 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY006365.D
Acq: 08 Oct 2021 19:19

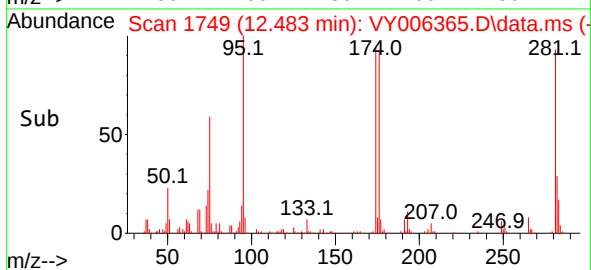
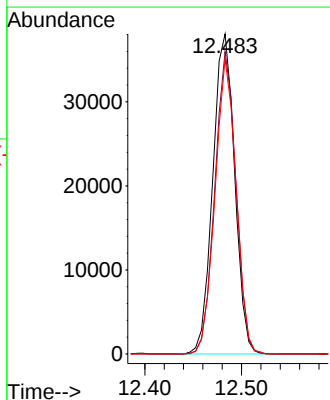
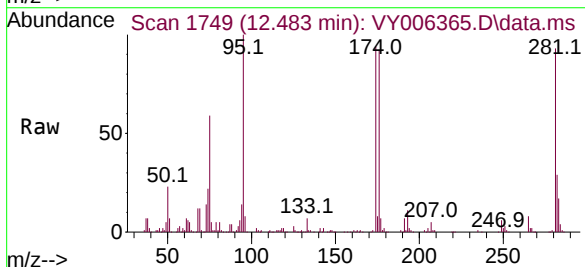
Instrument :
MSVOA_Y
ClientSampled :

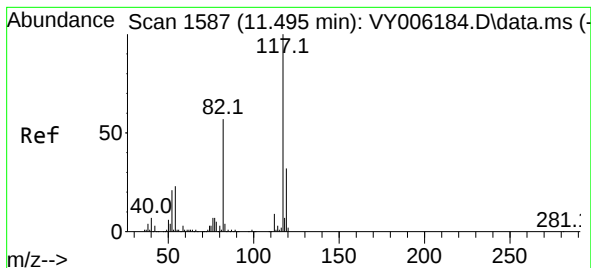
Tgt Ion: 43 Resp: 1145
Ion Ratio Lower Upper
43 100
58 184.9 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 41.750 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006365.D
Acq: 08 Oct 2021 19:19

Tgt Ion: 95 Resp: 59709
Ion Ratio Lower Upper
95 100
174 91.3 0.0 177.0
176 88.9 0.0 175.8

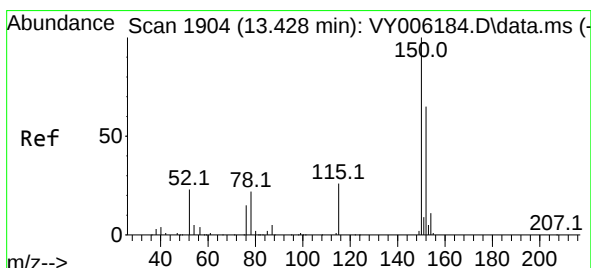
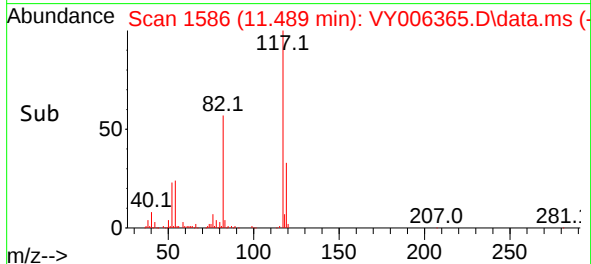
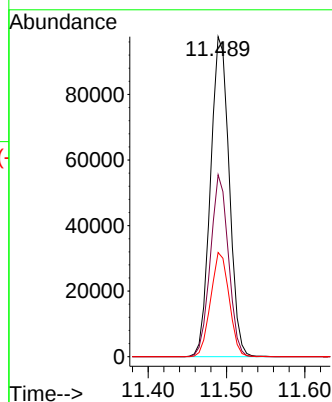
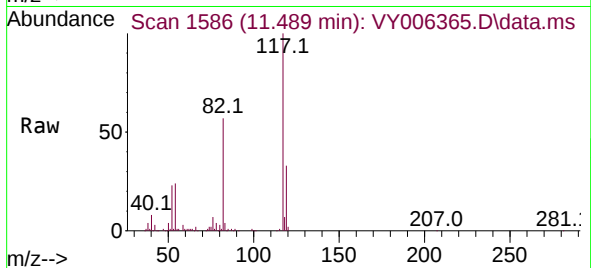




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006365.D
Acq: 08 Oct 2021 19:19

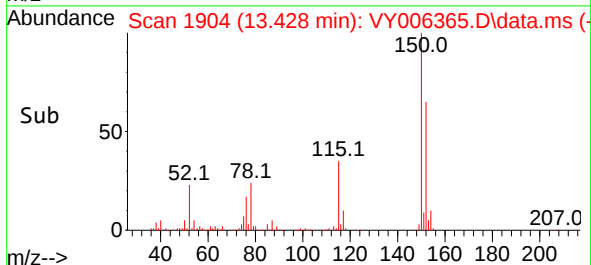
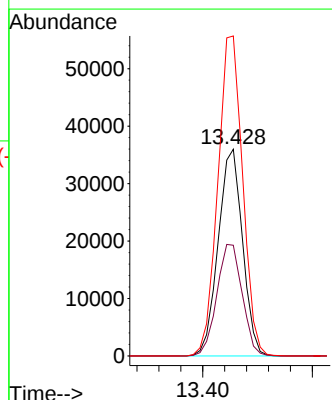
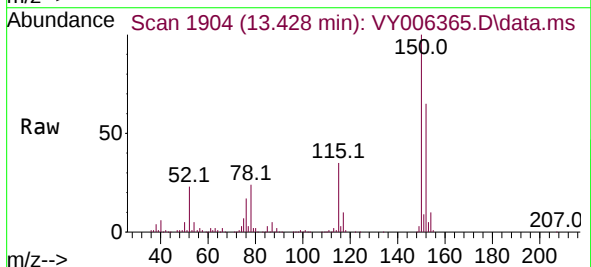
Instrument :
MSVOA_Y
ClientSampleId :

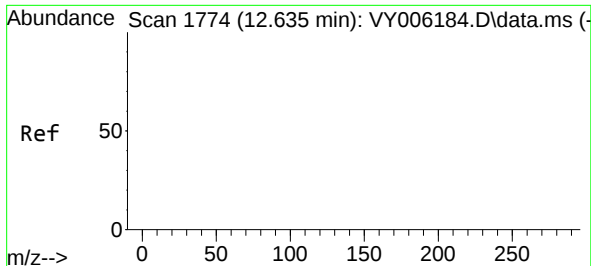
Tgt Ion:117 Resp: 161578
Ion Ratio Lower Upper
117 100
82 56.9 43.0 64.4
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006365.D
Acq: 08 Oct 2021 19:19

Tgt Ion:152 Resp: 55500
Ion Ratio Lower Upper
152 100
115 56.1 28.2 84.7
150 157.8 0.0 347.6

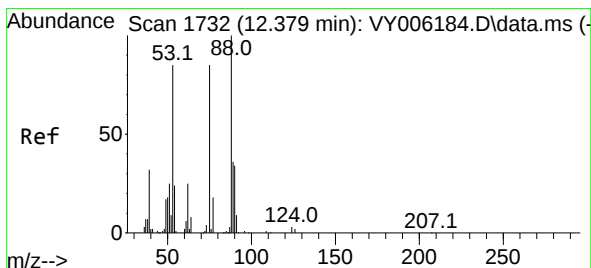
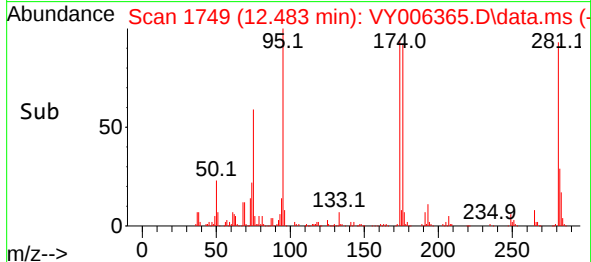
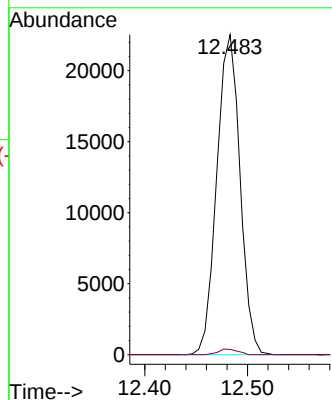
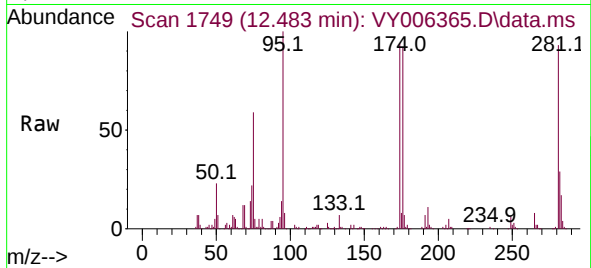




#76
1,2,3-Trichloropropane
Concen: 65.550 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006365.D
Acq: 08 Oct 2021 19:19

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 35360
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 128.816 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006365.D
Acq: 08 Oct 2021 19:19

Tgt Ion: 75 Resp: 35360
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.8 37.0 55.4#

