

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101021\
 Data File : VY006367.D
 Acq On : 08 Oct 2021 20:05
 Operator : SY/MD
 Sample : M4142-01
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 11 03:21:32 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)

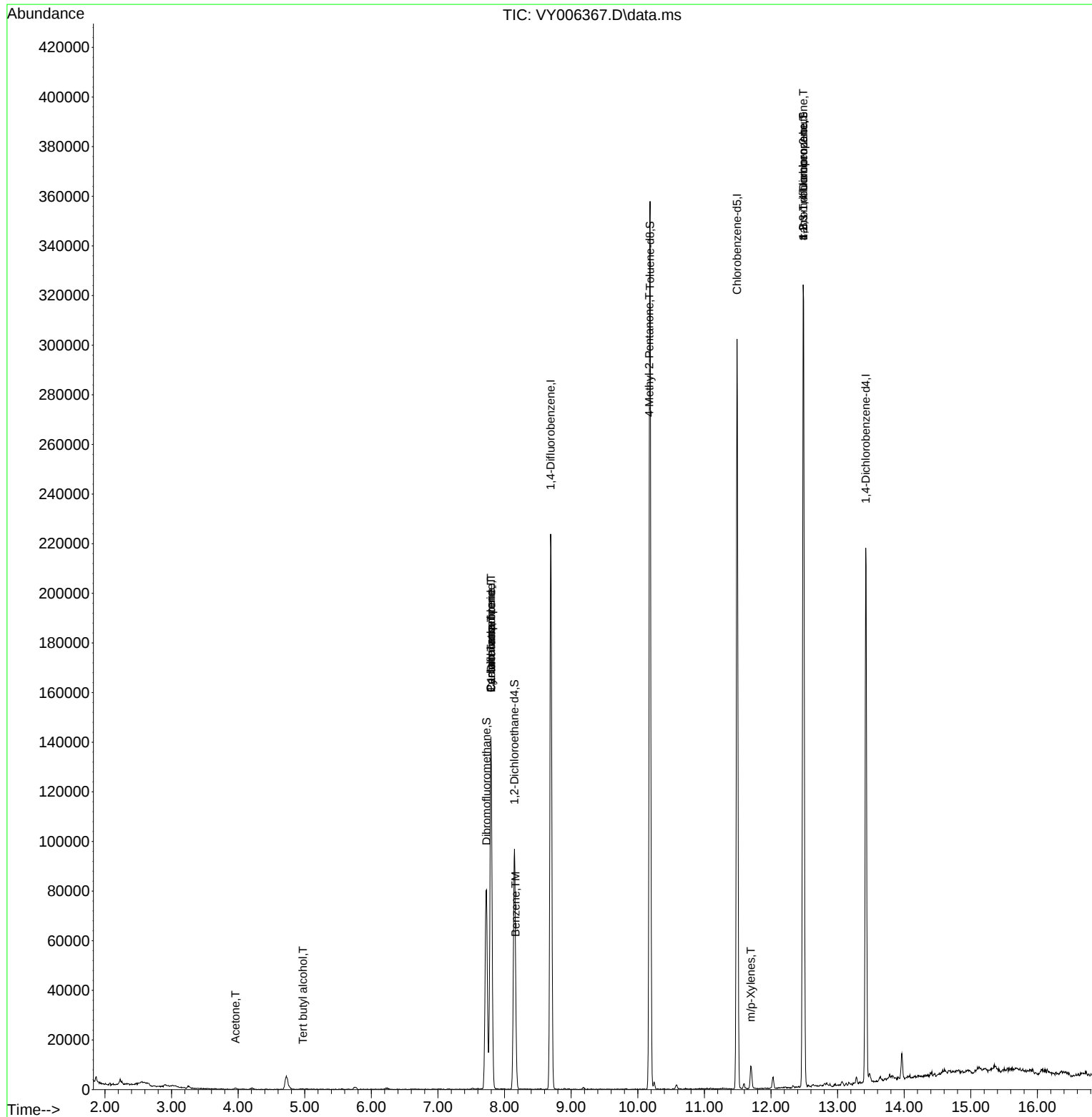
Internal Standards						
1) Pentafluorobenzene	7.795	168	107913	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	180279	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	153697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	53664	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	77745	67.313	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.620%	
35) Dibromofluoromethane	7.728	113	54479	56.563	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.120%	
50) Toluene-d8	10.185	98	224584	55.714	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.420%	
62) 4-Bromofluorobenzene	12.483	95	58754	42.905	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 85.820%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	400	3.959	ug/l #	77
16) Acetone	3.960	43	929	2.880	ug/l	98
20) Methylene Chloride	4.723	84	3576	Below Cal	#	87
31) Cyclohexane	7.795	56	2703	1.235	ug/l #	30
36) 1,1-Dichloropropene	7.795	75	8318	4.637	ug/l #	52
38) Carbon Tetrachloride	7.795	117	10793	5.698	ug/l #	16
40) Benzene	8.167	78	6377	1.253	ug/l	92
51) 4-Methyl-2-Pentanone	10.173	43	1187	1.141	ug/l #	1
68) m/p-Xylenes	11.697	106	2615	1.200	ug/l	100
76) 1,2,3-Trichloropropane	12.483	75	34232	65.631	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	34232	128.973	ug/l #	8

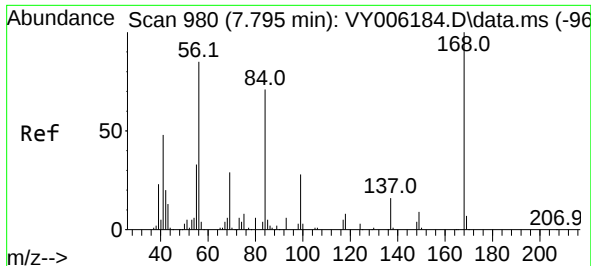
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 28 17:44:36 2021
Response via : Initial Calibration

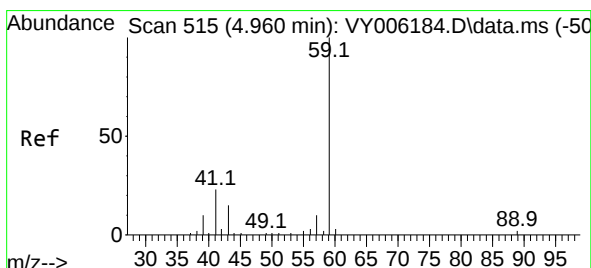
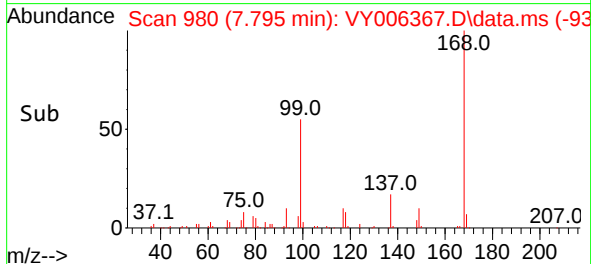
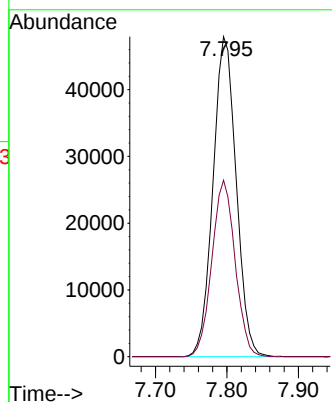
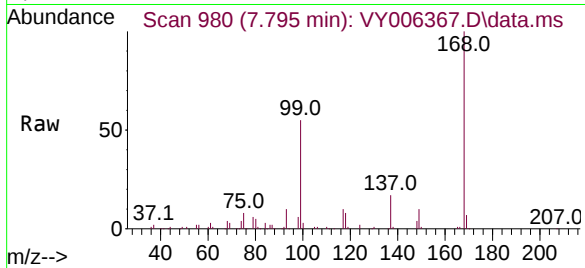




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006367.D
Acq: 08 Oct 2021 20:05

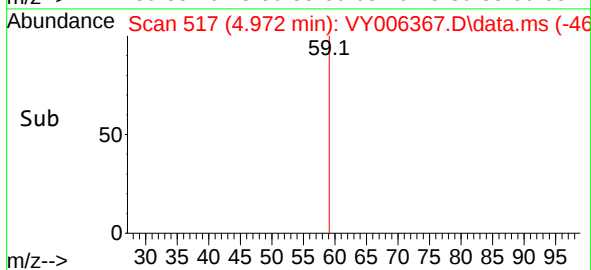
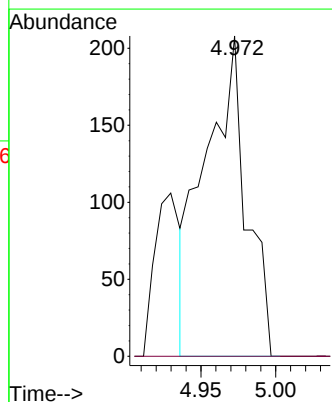
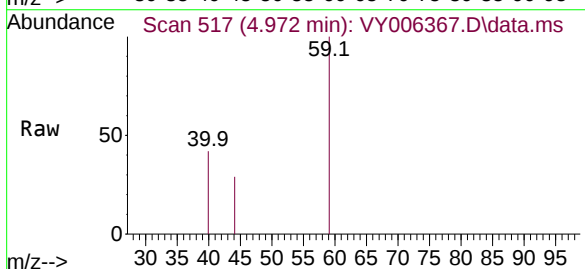
Instrument :
MSVOA_Y
ClientSampled :

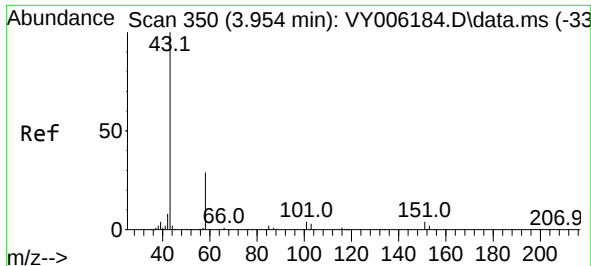
Tgt Ion:168 Resp: 107913
Ion Ratio Lower Upper
168 100
99 55.1 46.9 70.3



#11
Tert butyl alcohol
Concen: 3.959 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.012 min
Lab File: VY006367.D
Acq: 08 Oct 2021 20:05

Tgt Ion: 59 Resp: 400
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

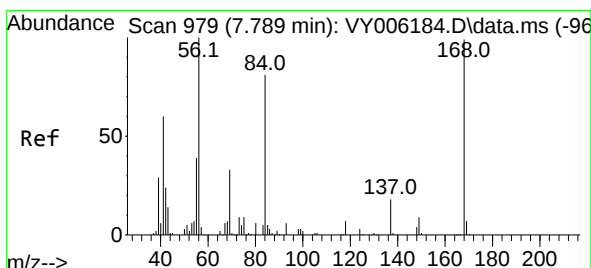
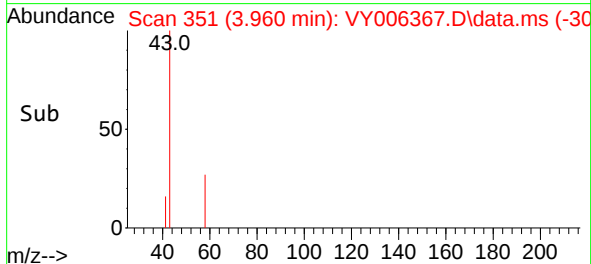
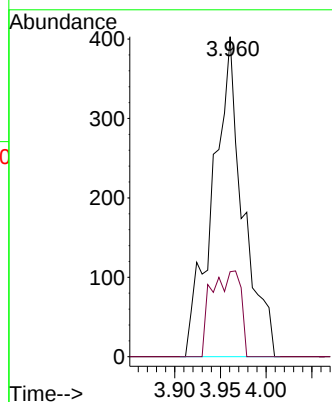
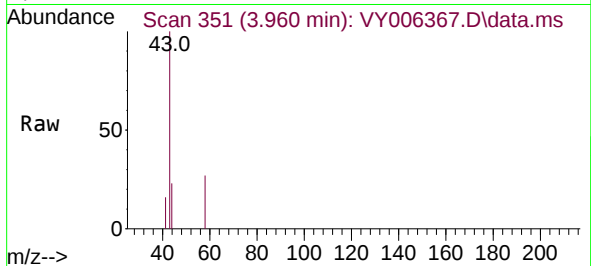




#16
Acetone
Concen: 2.880 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006367.D
Acq: 08 Oct 2021 20:05

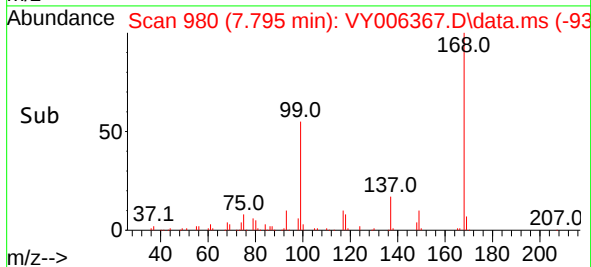
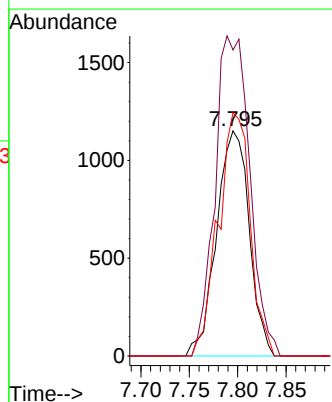
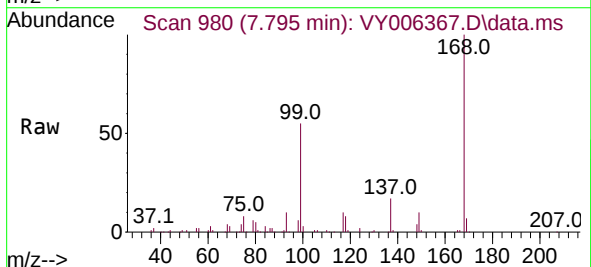
Instrument :
MSVOA_Y
ClientSampled :

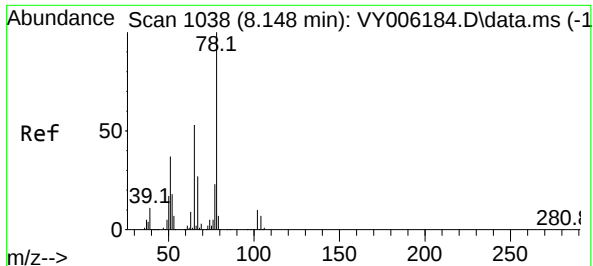
Tgt Ion: 43 Resp: 929
Ion Ratio Lower Upper
43 100
58 26.6 22.0 33.0



#31
Cyclohexane
Concen: 1.235 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006367.D
Acq: 08 Oct 2021 20:05

Tgt Ion: 56 Resp: 2703
Ion Ratio Lower Upper
56 100
69 136.0 26.7 40.1#
84 108.1 67.2 100.8#

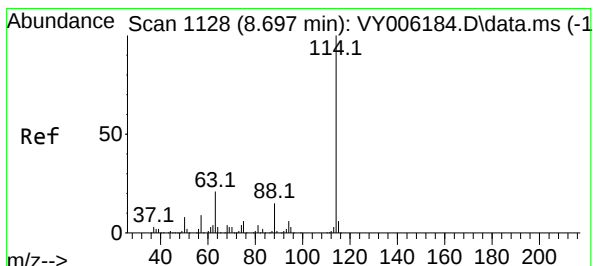
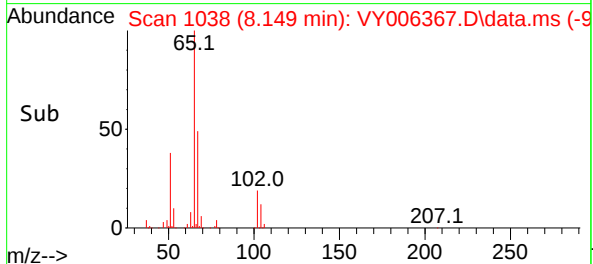
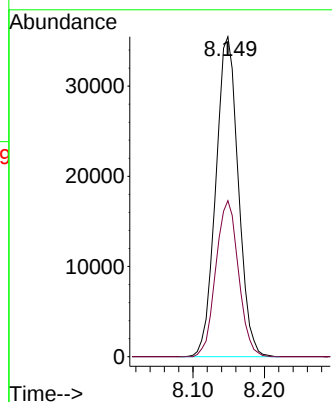
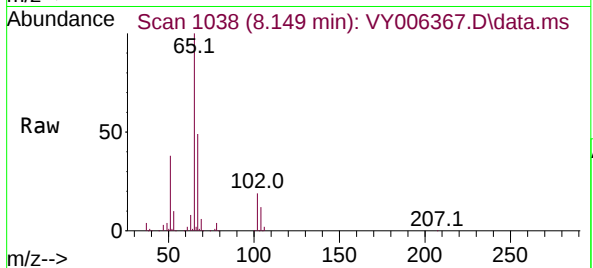




#33
1,2-Dichloroethane-d4
Concen: 67.313 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006367.D
Acq: 08 Oct 2021 20:05

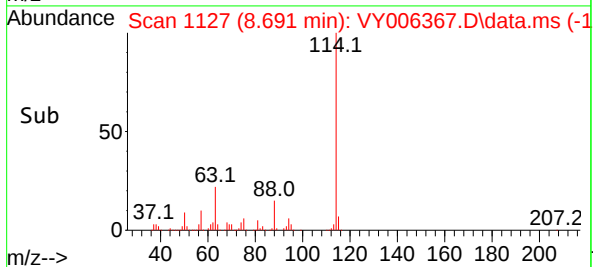
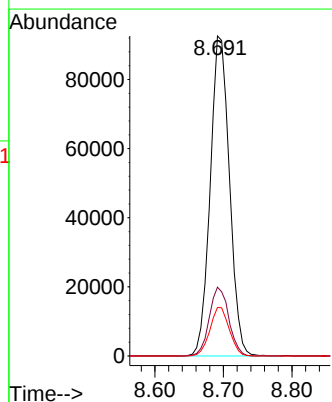
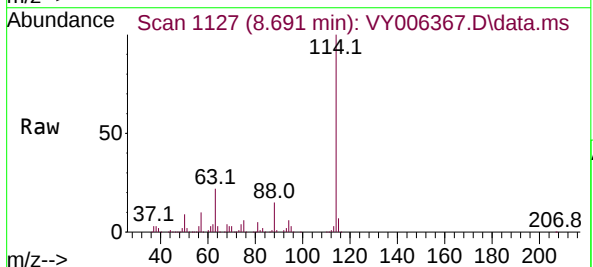
Instrument :
MSVOA_Y
ClientSampleId :

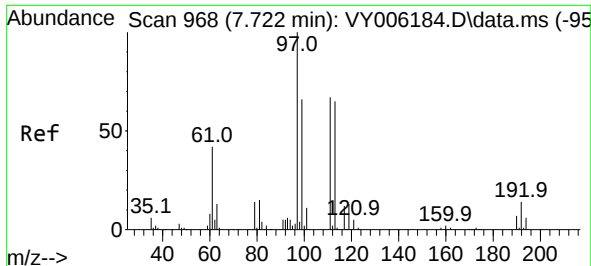
Tgt Ion: 65 Resp: 77745
Ion Ratio Lower Upper
65 100
67 49.0 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006367.D
Acq: 08 Oct 2021 20:05

Tgt Ion: 114 Resp: 180279
Ion Ratio Lower Upper
114 100
63 21.5 0.0 43.2
88 15.1 0.0 31.8

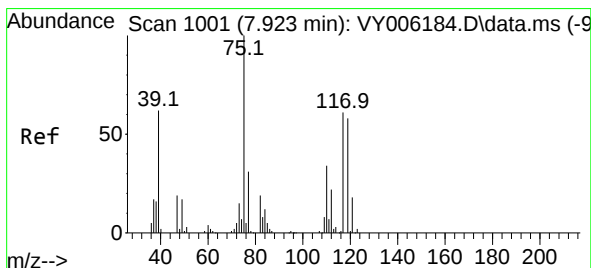
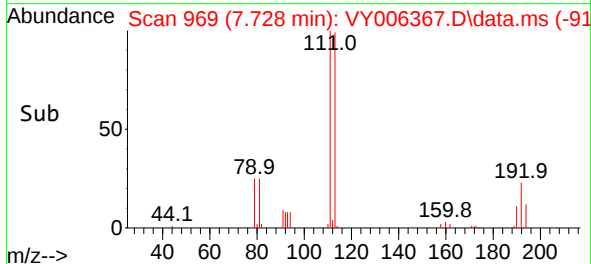
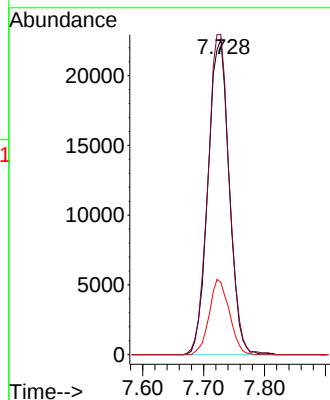
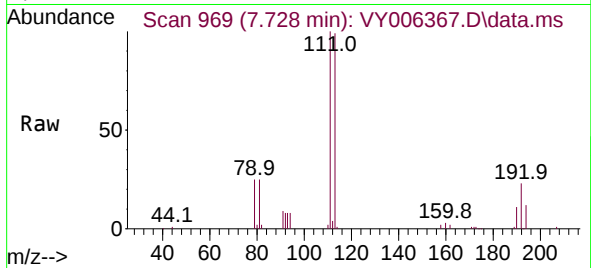




#35
Dibromofluoromethane
Concen: 56.563 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY006367.D
Acq: 08 Oct 2021 20:05

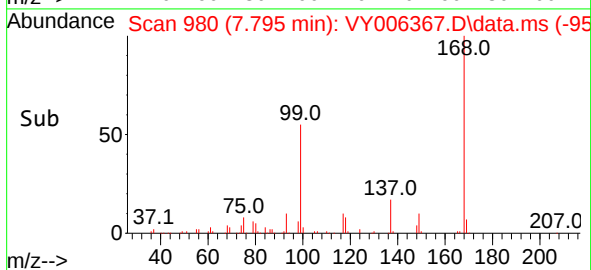
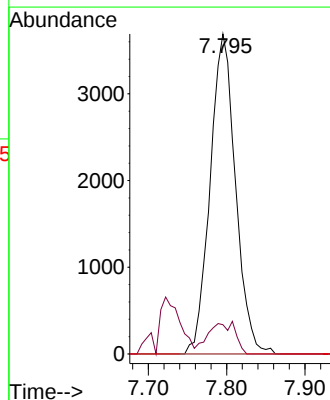
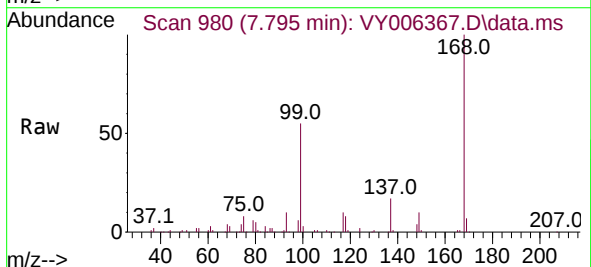
Instrument :
MSVOA_Y
ClientSampleId :

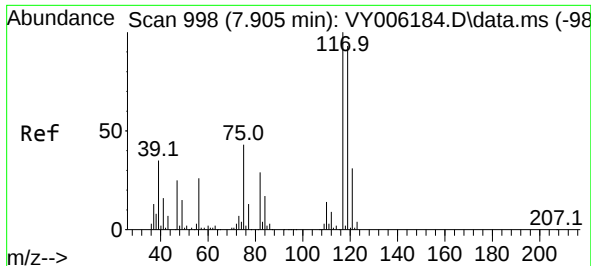
Tgt Ion:113 Resp: 54479
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 22.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.637 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006367.D
Acq: 08 Oct 2021 20:05

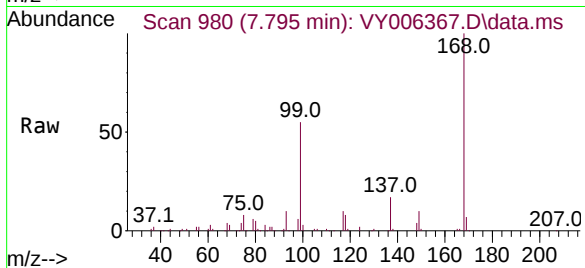
Tgt Ion: 75 Resp: 8318
Ion Ratio Lower Upper
75 100
110 10.6 17.1 51.2#
77 0.0 24.4 36.6#



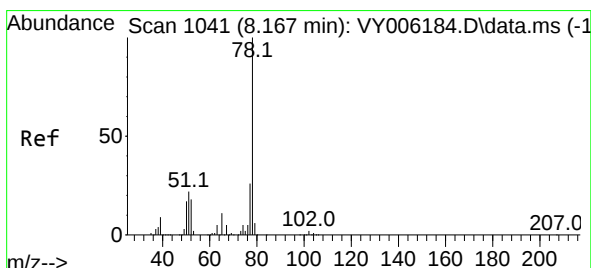
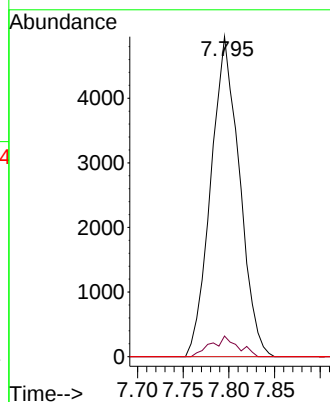
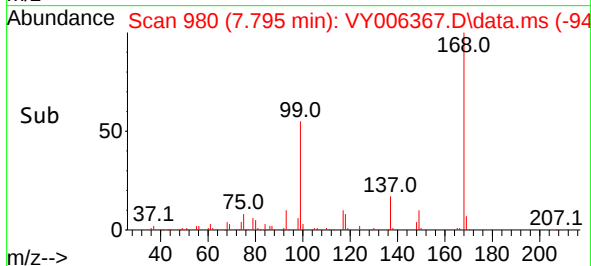


#38
Carbon Tetrachloride
Concen: 5.698 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.109 min
Lab File: VY006367.D
Acq: 08 Oct 2021 20:05

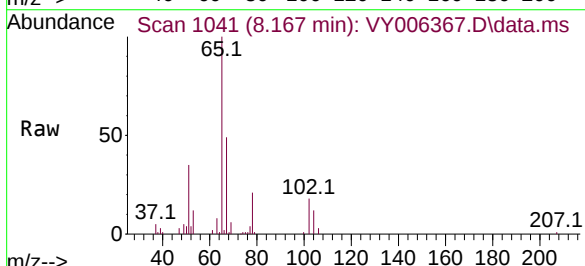
Instrument :
MSVOA_Y
ClientSampleId :



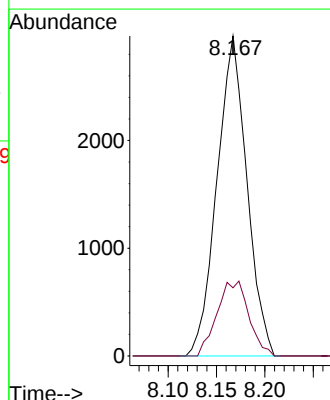
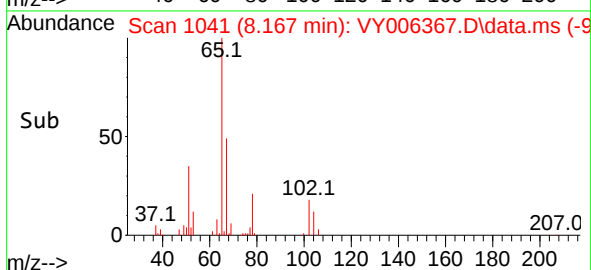
Tgt Ion:117 Resp: 10793
Ion Ratio Lower Upper
117 100
119 6.4 77.9 116.9#
121 0.0 24.8 37.2#

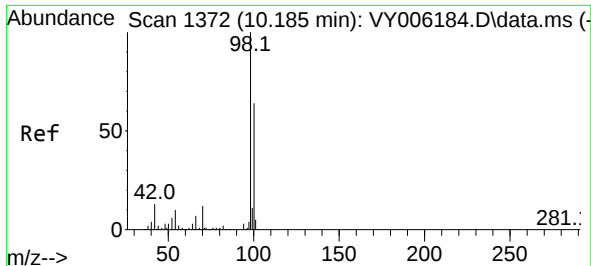


#40
Benzene
Concen: 1.253 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY006367.D
Acq: 08 Oct 2021 20:05



Tgt Ion: 78 Resp: 6377
Ion Ratio Lower Upper
78 100
77 21.3 20.4 30.6

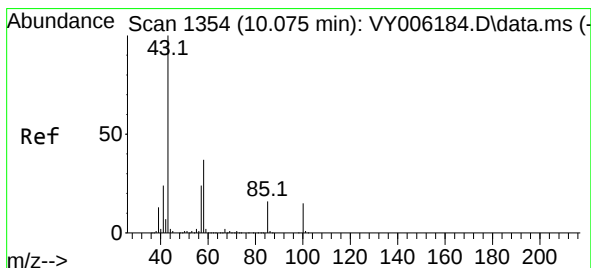
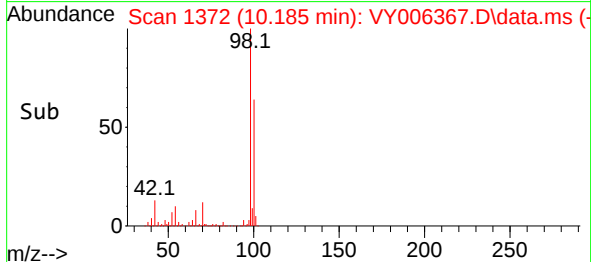
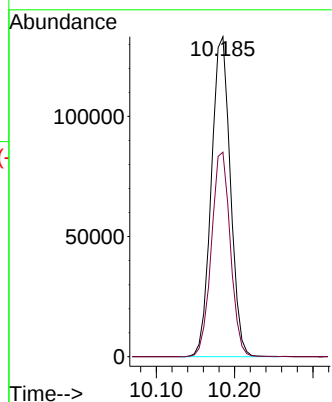
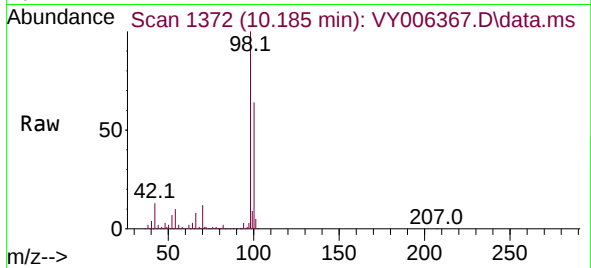




#50
Toluene-d8
Concen: 55.714 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006367.D
Acq: 08 Oct 2021 20:05

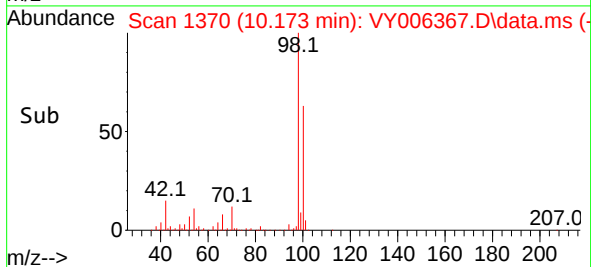
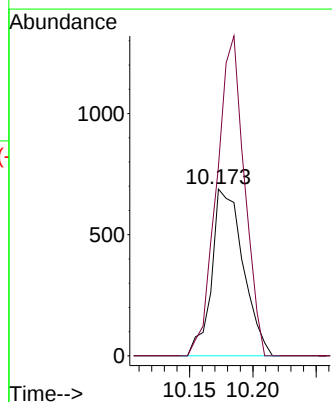
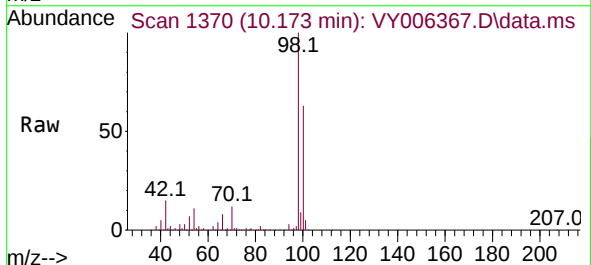
Instrument :
MSVOA_Y
ClientSampled :

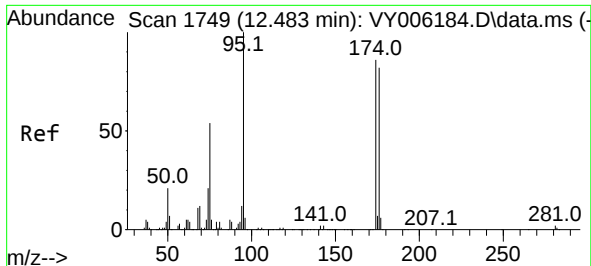
Tgt Ion: 98 Resp: 224584
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.141 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.098 min
Lab File: VY006367.D
Acq: 08 Oct 2021 20:05

Tgt Ion: 43 Resp: 1187
Ion Ratio Lower Upper
43 100
58 169.7 28.1 42.1#

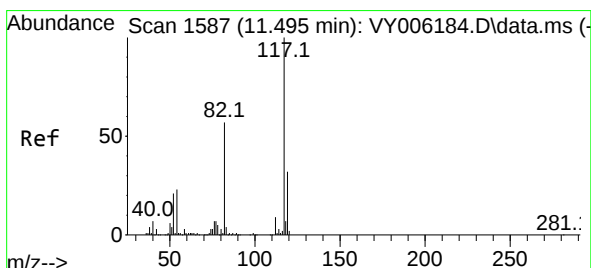
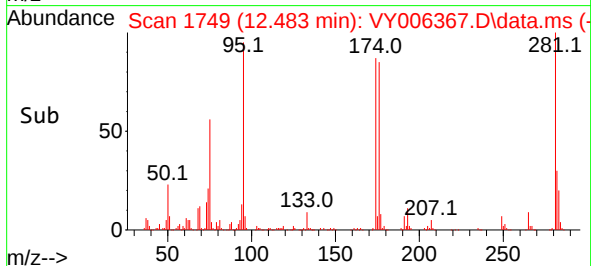
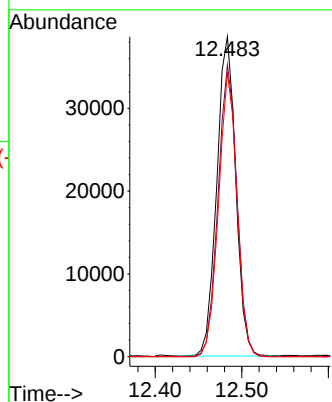
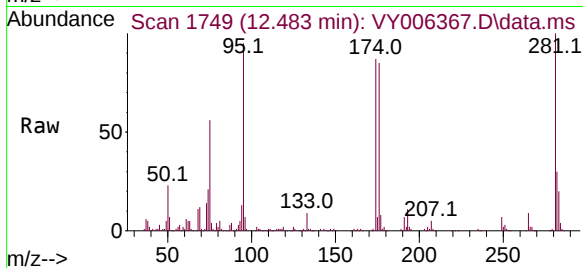




#62
4-Bromofluorobenzene
Concen: 42.905 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006367.D
Acq: 08 Oct 2021 20:05

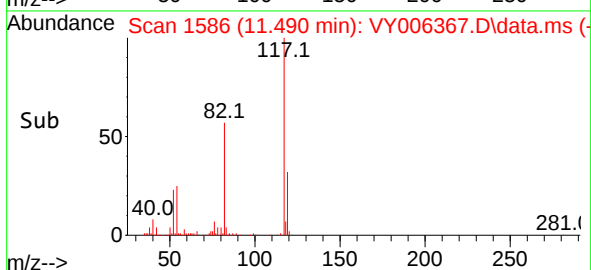
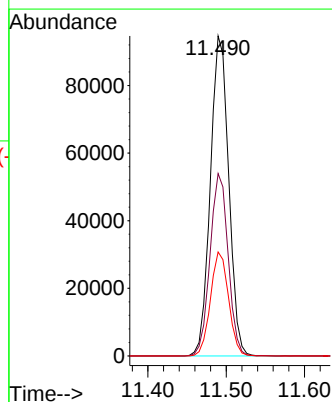
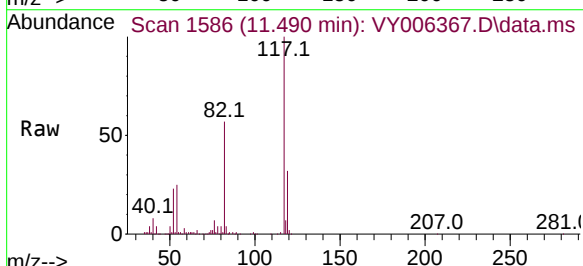
Instrument :
MSVOA_Y
ClientSampleId :

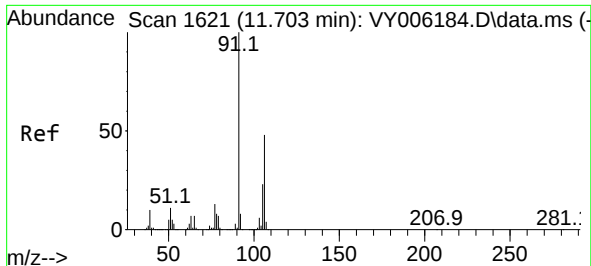
Tgt Ion:	95	Resp:	58754
Ion Ratio	Lower	Upper	
95	100		
174	90.9	0.0	177.0
176	86.4	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006367.D
Acq: 08 Oct 2021 20:05

Tgt Ion:	117	Resp:	153697
Ion Ratio	Lower	Upper	
117	100		
82	57.0	43.0	64.4
119	32.5	25.4	38.0

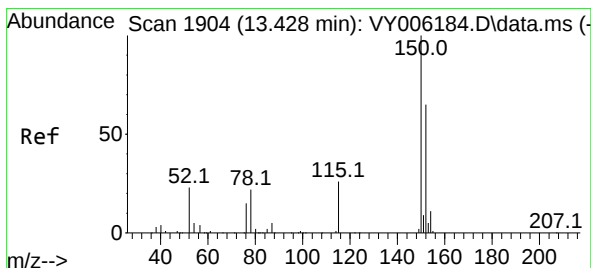
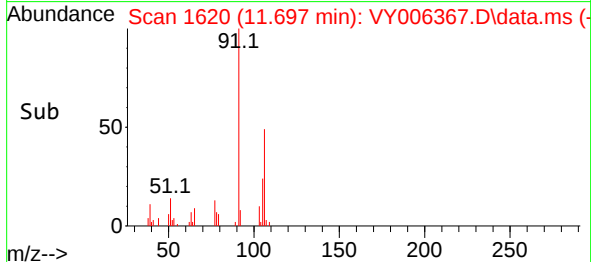
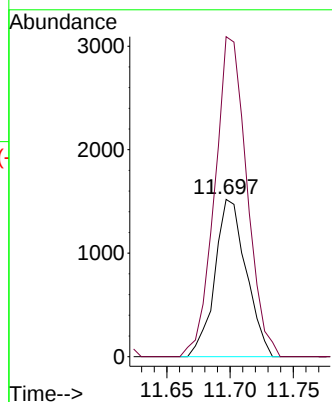
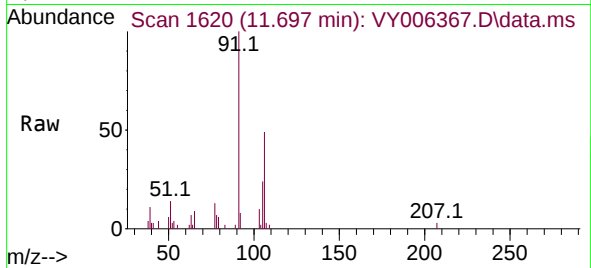




#68
m/p-Xylenes
Concen: 1.200 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY006367.D
Acq: 08 Oct 2021 20:05

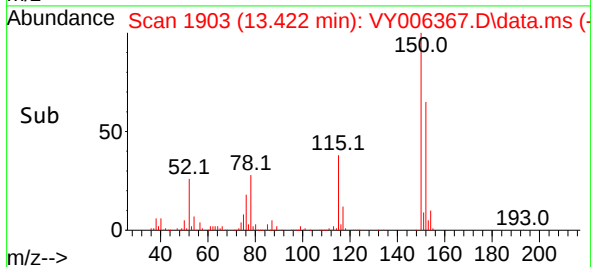
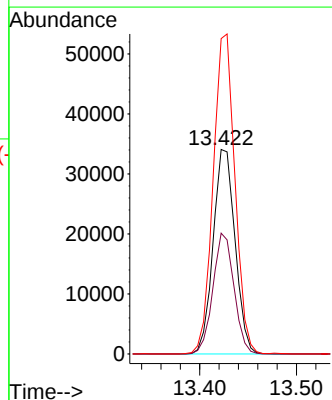
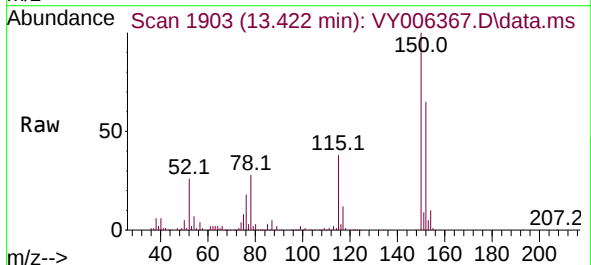
Instrument :
MSVOA_Y
ClientSampleId :

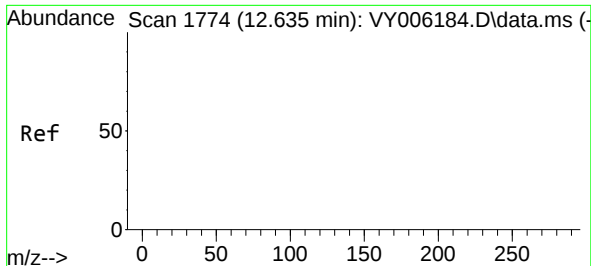
Tgt Ion:106 Resp: 2615
Ion Ratio Lower Upper
106 100
91 208.6 166.6 249.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY006367.D
Acq: 08 Oct 2021 20:05

Tgt Ion:152 Resp: 53664
Ion Ratio Lower Upper
152 100
115 56.7 28.2 84.7
150 154.9 0.0 347.6

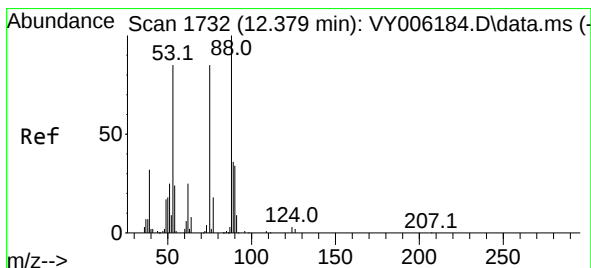
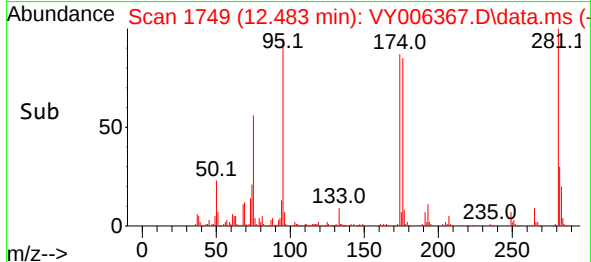
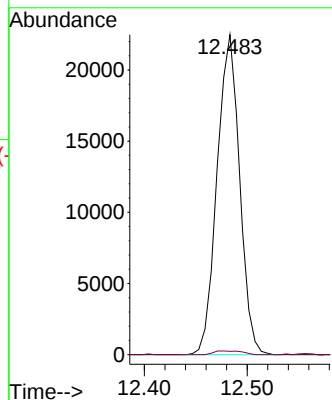
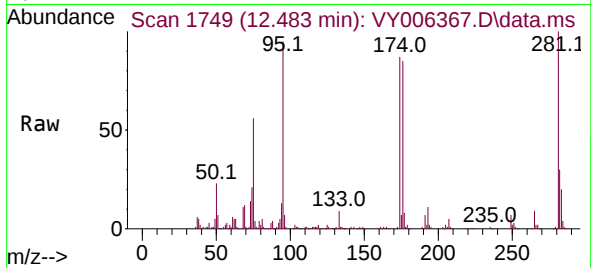




#76
1,2,3-Trichloropropane
Concen: 65.631 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006367.D
Acq: 08 Oct 2021 20:05

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 34232
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 128.973 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006367.D
Acq: 08 Oct 2021 20:05

Tgt Ion: 75 Resp: 34232
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 1.2 37.0 55.4#

