

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101521\
 Data File : VY006409.D
 Acq On : 15 Oct 2021 16:15
 Operator : SY/MD
 Sample : M4249-01
 Misc : 5.03G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 18 04:45:52 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)

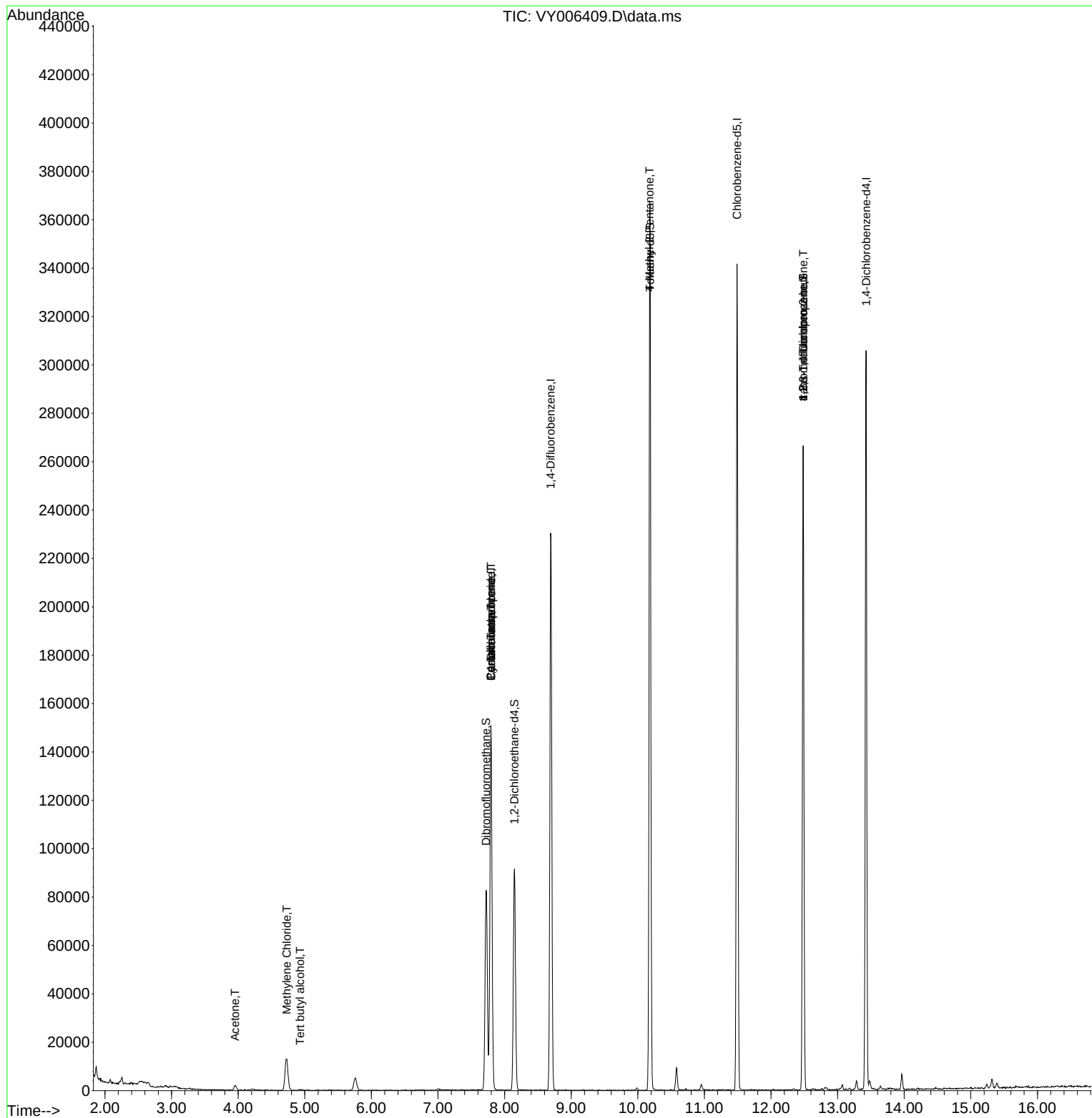
Internal Standards						
1) Pentafluorobenzene	7.795	168	114305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	189791	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	175531	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75360	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	77129	63.045	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 126.080%			
35) Dibromofluoromethane	7.721	113	55988	55.216	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.440%			
50) Toluene-d8	10.184	98	236375	55.700	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.400%			
62) 4-Bromofluorobenzene	12.483	95	71393	49.522	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.040%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.929	59	402	3.756	ug/l #	77
16) Acetone	3.954	43	3420	10.009	ug/l #	83
20) Methylene Chloride	4.728	84	9543	4.711	ug/l	98
31) Cyclohexane	7.795	56	2425	1.046	ug/l #	14
36) 1,1-Dichloropropene	7.795	75	8801	4.661	ug/l #	52
38) Carbon Tetrachloride	7.795	117	11096	5.565	ug/l #	16
51) 4-Methyl-2-Pentanone	10.178	43	1124	1.026	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	40847	55.767	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	40847	109.590	ug/l #	7

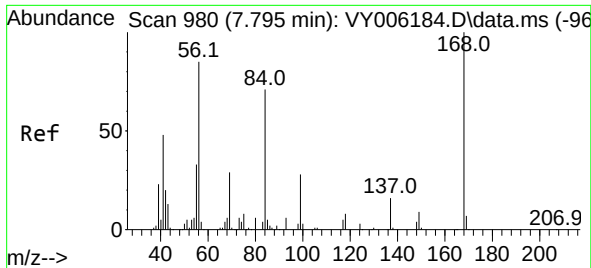
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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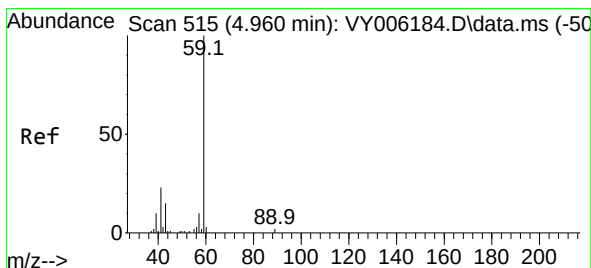
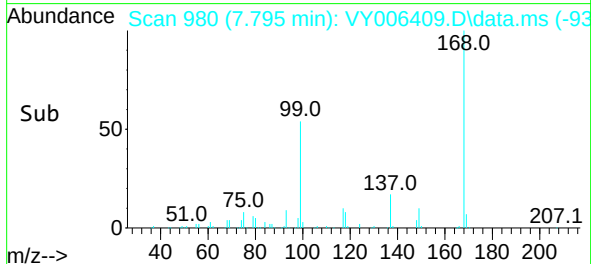
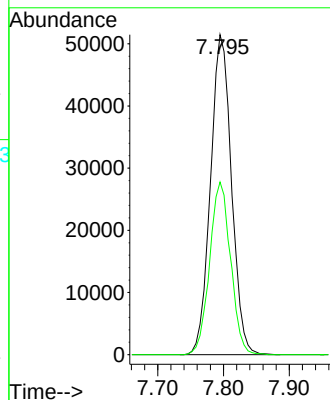
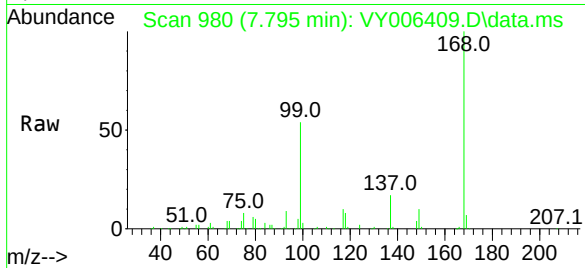




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006409.D
Acq: 15 Oct 2021 16:15

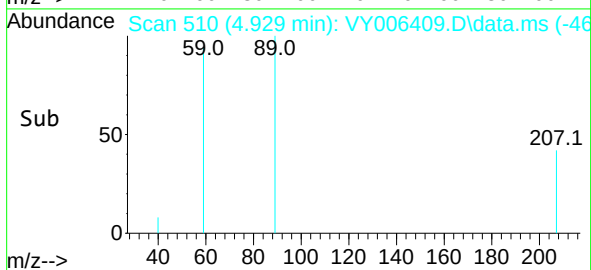
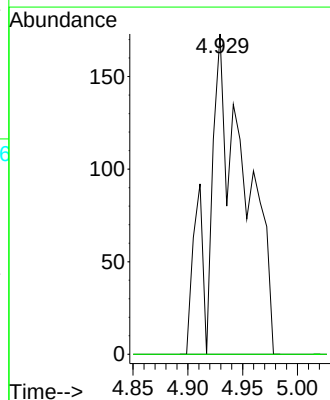
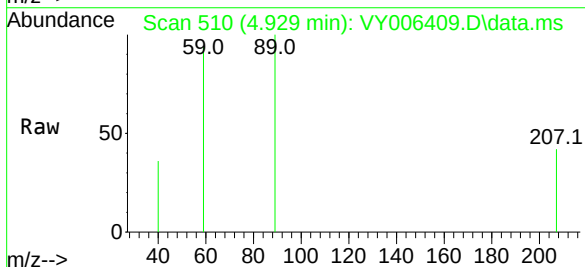
Instrument :
MSVOA_Y
ClientSampleId :

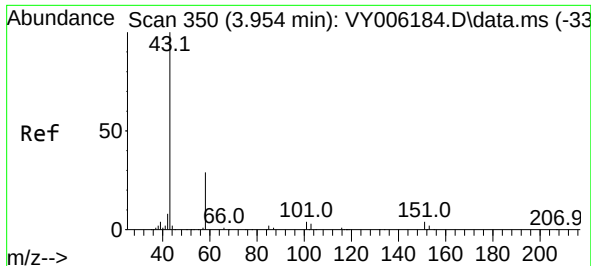
Tgt Ion:168 Resp: 114305
Ion Ratio Lower Upper
168 100
99 54.0 46.9 70.3



#11
Tert butyl alcohol
Concen: 3.756 ug/l
RT: 4.929 min Scan# 510
Delta R.T. -0.031 min
Lab File: VY006409.D
Acq: 15 Oct 2021 16:15

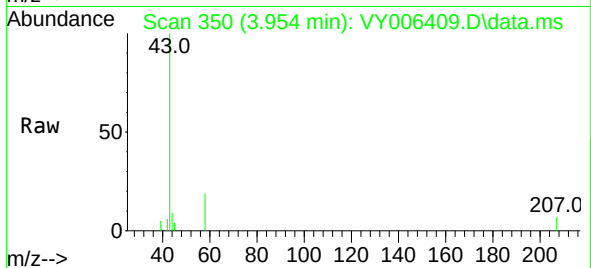
Tgt Ion: 59 Resp: 402
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



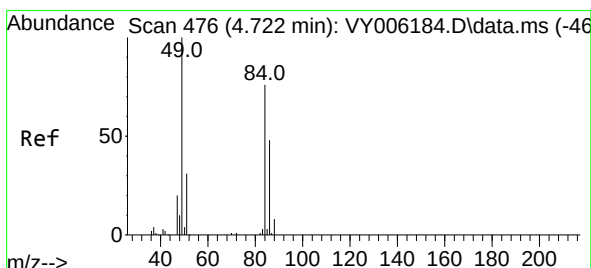
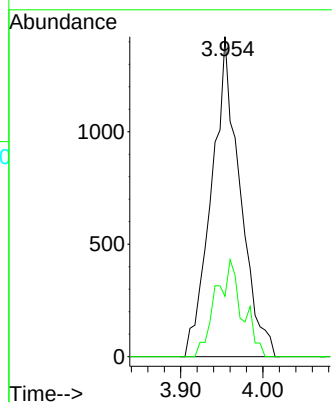
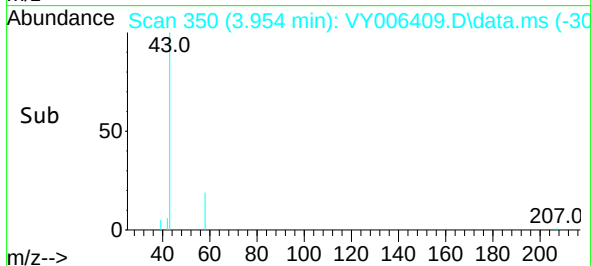


#16
Acetone
Concen: 10.009 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY006409.D
Acq: 15 Oct 2021 16:15

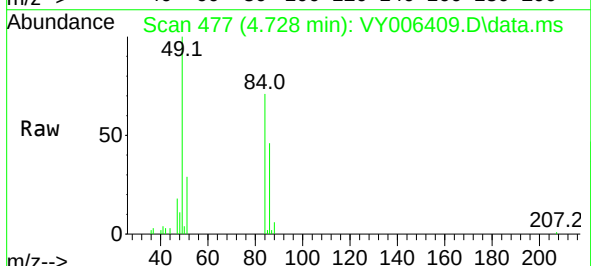
Instrument :
MSVOA_Y
ClientSampled :



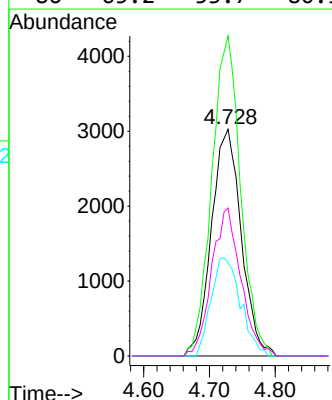
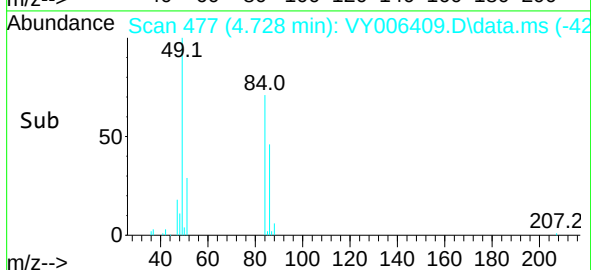
Tgt Ion: 43 Resp: 3420
Ion Ratio Lower Upper
43 100
58 18.8 22.0 33.0#

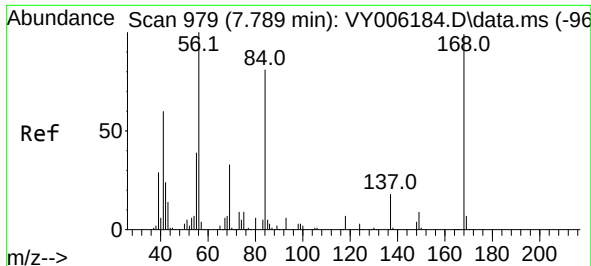


#20
Methylene Chloride
Concen: 4.711 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY006409.D
Acq: 15 Oct 2021 16:15



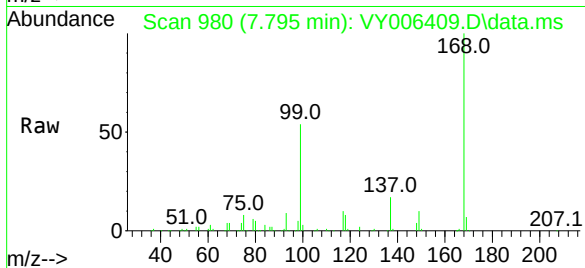
Tgt Ion: 84 Resp: 9543
Ion Ratio Lower Upper
84 100
49 141.1 114.4 171.6
51 41.1 35.3 52.9
86 65.2 53.7 80.5



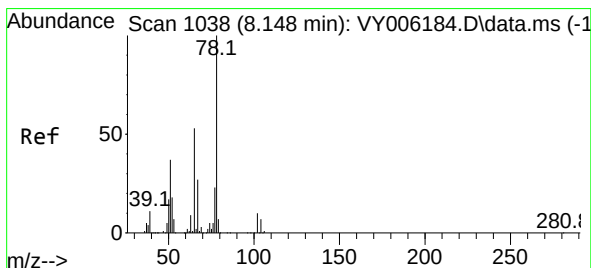
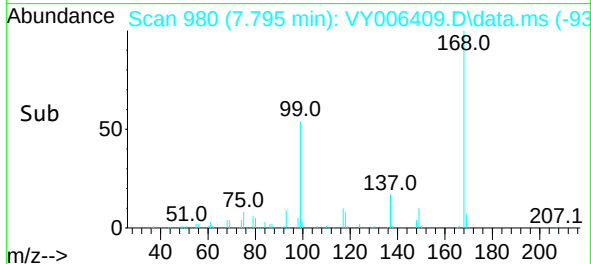
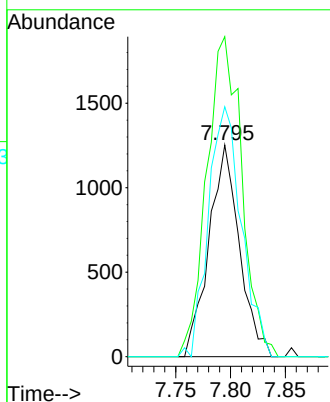


#31
Cyclohexane
Concen: 1.046 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006409.D
Acq: 15 Oct 2021 16:15

Instrument :
MSVOA_Y
ClientSampleId :

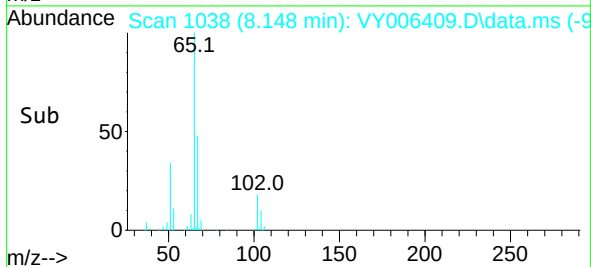
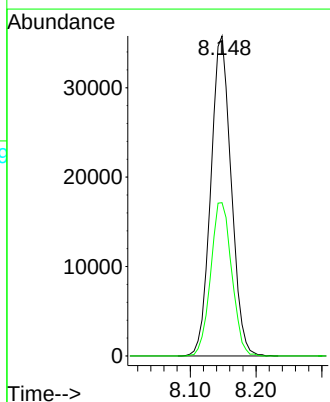
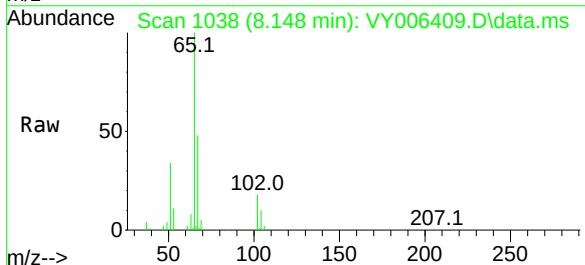


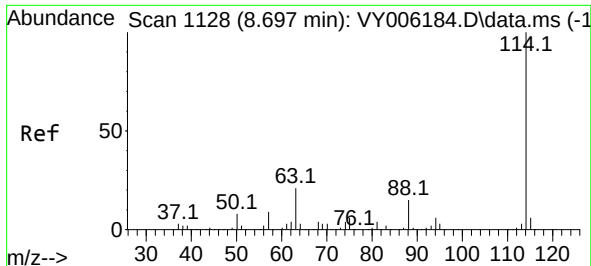
Tgt Ion: 56 Resp: 2425
Ion Ratio Lower Upper
56 100
69 151.2 26.7 40.1#
84 118.0 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 63.045 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006409.D
Acq: 15 Oct 2021 16:15

Tgt Ion: 65 Resp: 77129
Ion Ratio Lower Upper
65 100
67 49.5 0.0 99.4

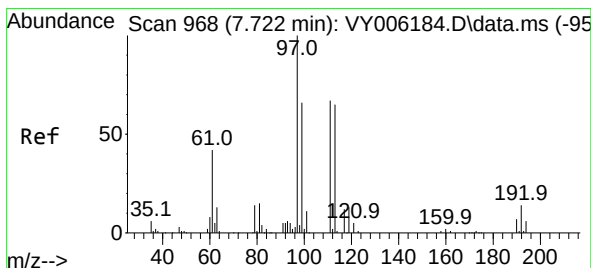
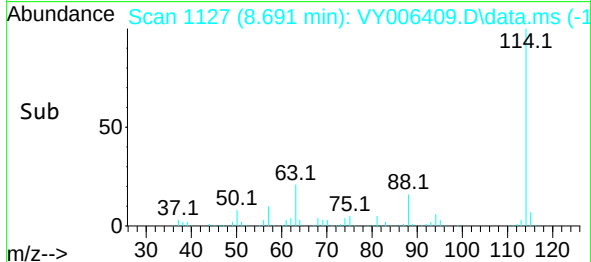
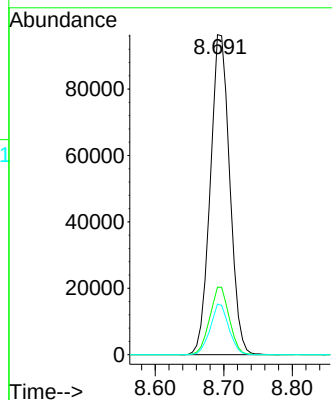
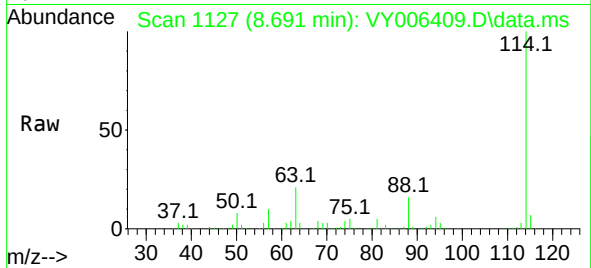




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006409.D
Acq: 15 Oct 2021 16:15

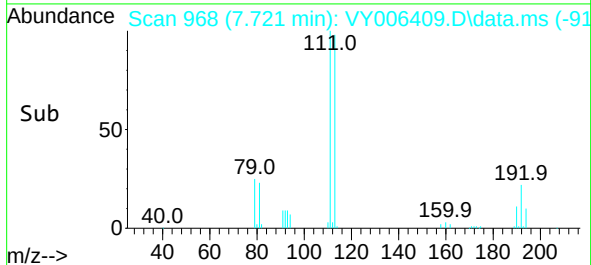
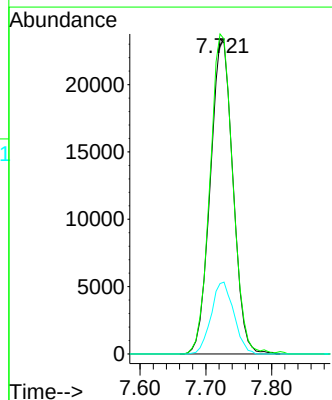
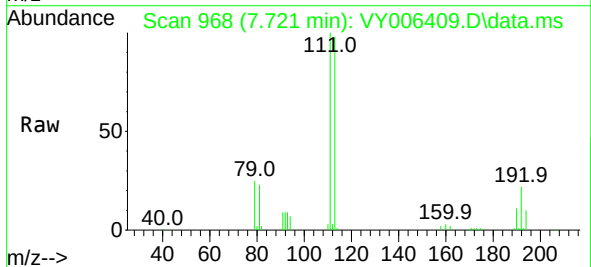
Instrument :
MSVOA_Y
ClientSampled :

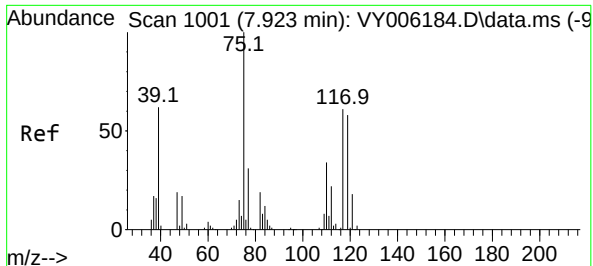
Tgt Ion:114 Resp: 189791
Ion Ratio Lower Upper
114 100
63 21.1 0.0 43.2
88 15.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 55.216 ug/l
RT: 7.721 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY006409.D
Acq: 15 Oct 2021 16:15

Tgt Ion:113 Resp: 55988
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 22.9 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.661 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

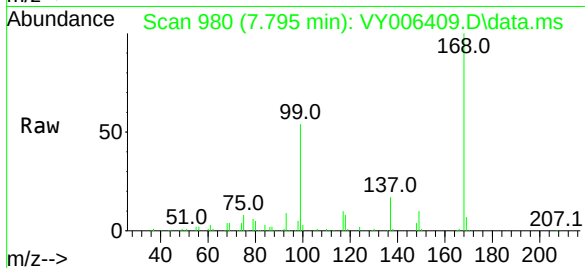
Lab File: VY006409.D

Acq: 15 Oct 2021 16:15

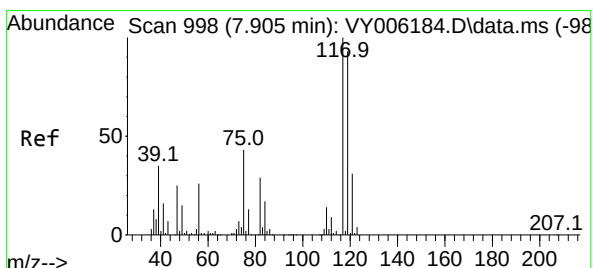
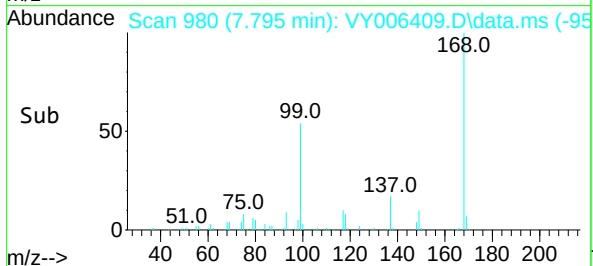
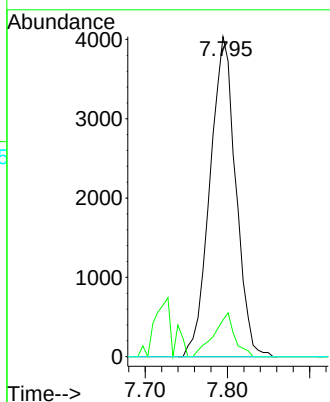
Instrument :

MSVOA_Y

ClientSampled :



Tgt Ion:	75	Resp:	8801
Ion	Ratio	Lower	Upper
75	100		
110	11.1	17.1	51.2#
77	0.0	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 5.565 ug/l

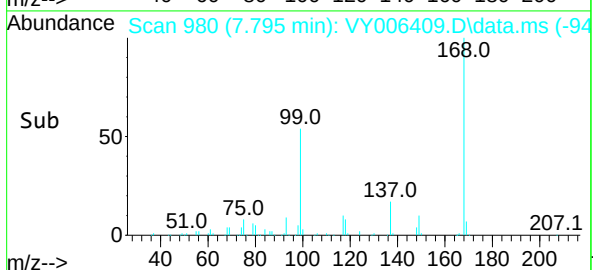
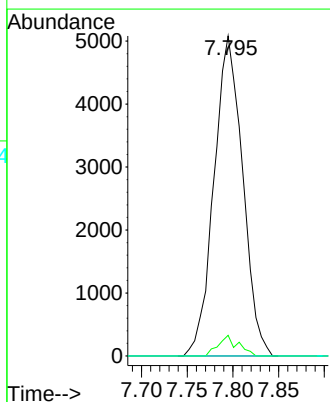
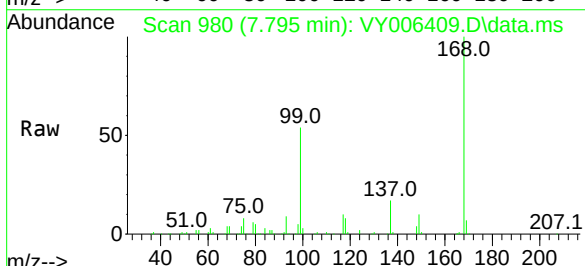
RT: 7.795 min Scan# 980

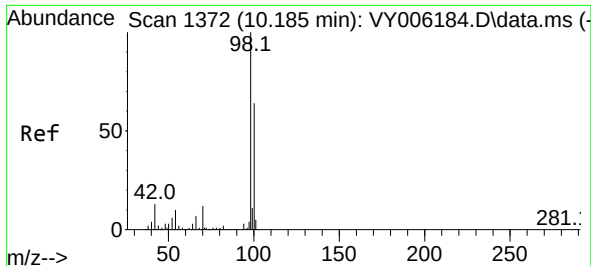
Delta R.T. -0.110 min

Lab File: VY006409.D

Acq: 15 Oct 2021 16:15

Tgt Ion:	117	Resp:	11096
Ion	Ratio	Lower	Upper
117	100		
119	6.5	77.9	116.9#
121	0.0	24.8	37.2#

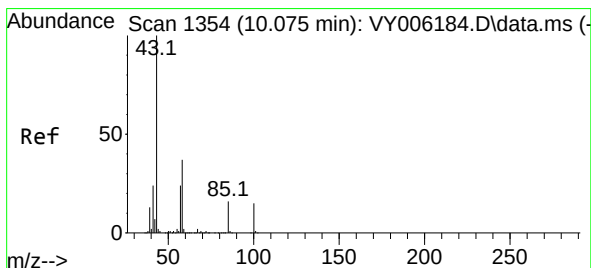
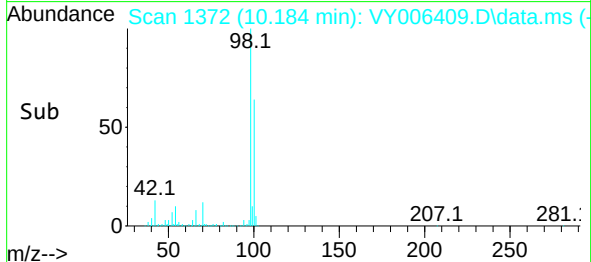
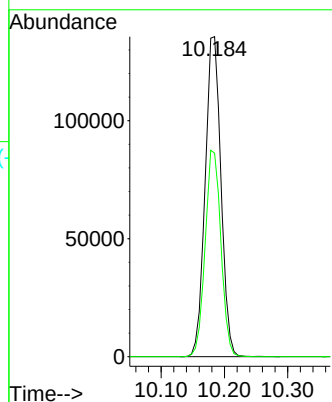
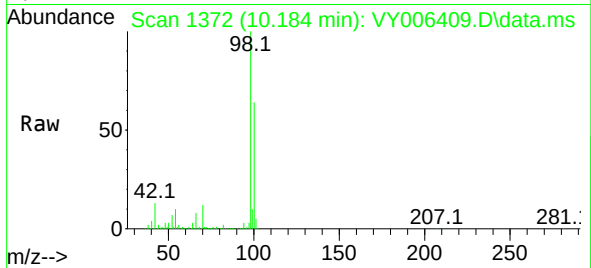




#50
Toluene-d8
Concen: 55.700 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006409.D
Acq: 15 Oct 2021 16:15

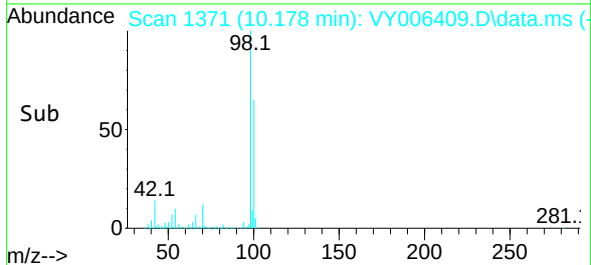
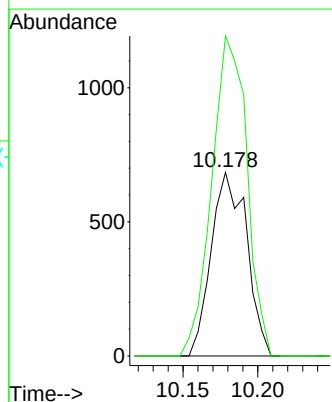
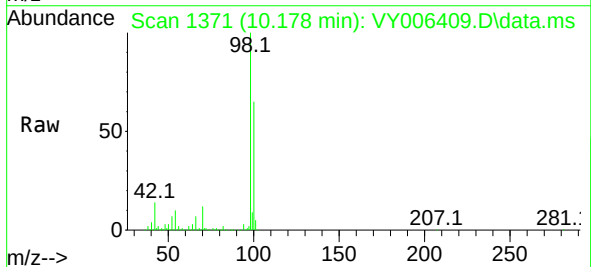
Instrument :
MSVOA_Y
ClientSampled :

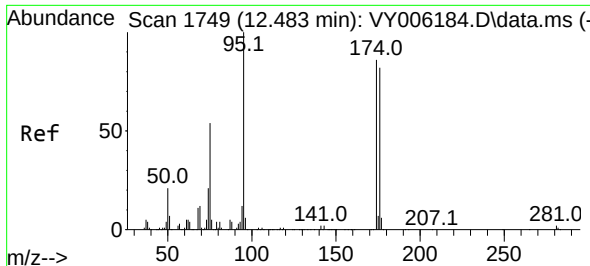
Tgt Ion: 98 Resp: 236375
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.026 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.103 min
Lab File: VY006409.D
Acq: 15 Oct 2021 16:15

Tgt Ion: 43 Resp: 1124
Ion Ratio Lower Upper
43 100
58 173.3 28.1 42.1#

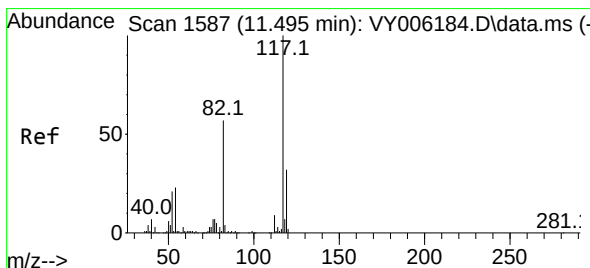
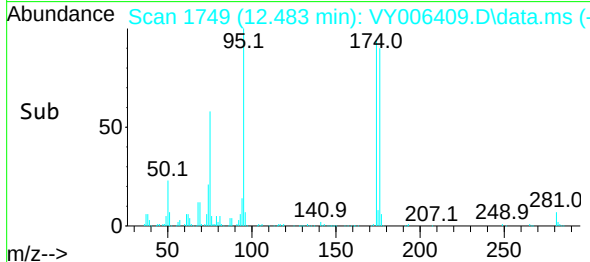
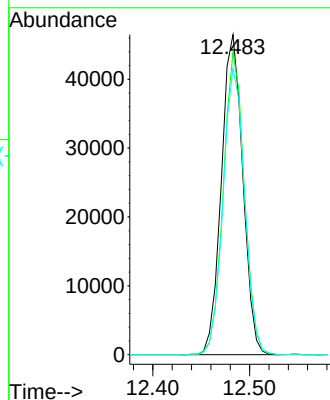
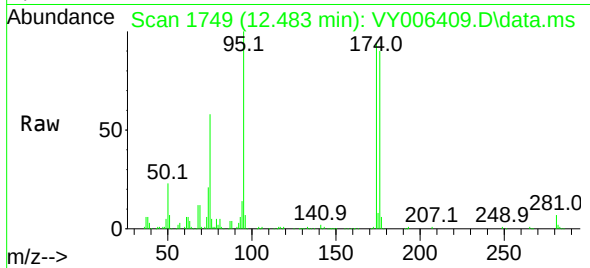




#62
4-Bromofluorobenzene
Concen: 49.522 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006409.D
Acq: 15 Oct 2021 16:15

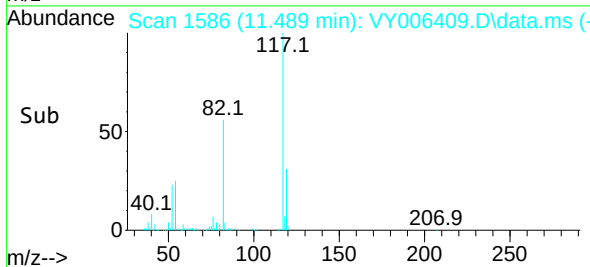
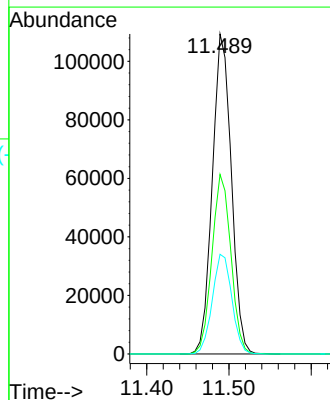
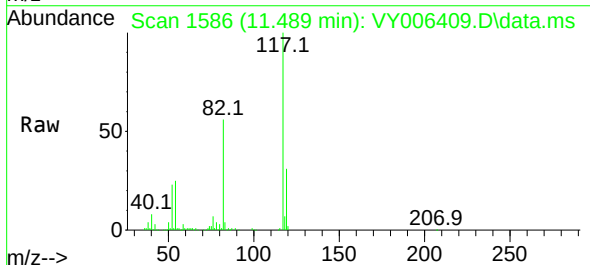
Instrument :
MSVOA_Y
ClientSampleId :

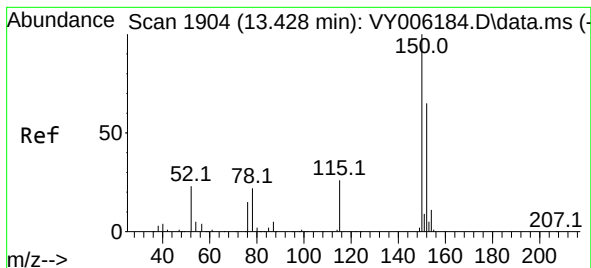
Tgt Ion: 95 Resp: 71393
Ion Ratio Lower Upper
95 100
174 93.0 0.0 177.0
176 89.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006409.D
Acq: 15 Oct 2021 16:15

Tgt Ion: 117 Resp: 175531
Ion Ratio Lower Upper
117 100
82 56.1 43.0 64.4
119 31.2 25.4 38.0

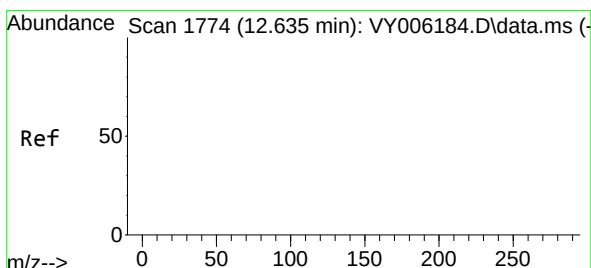
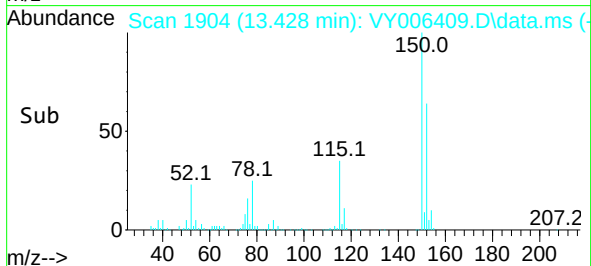
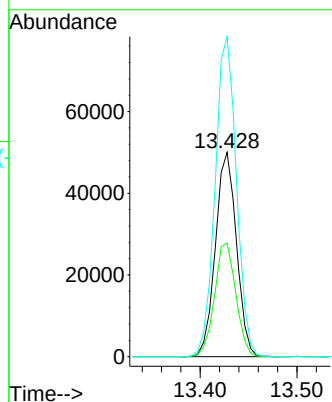
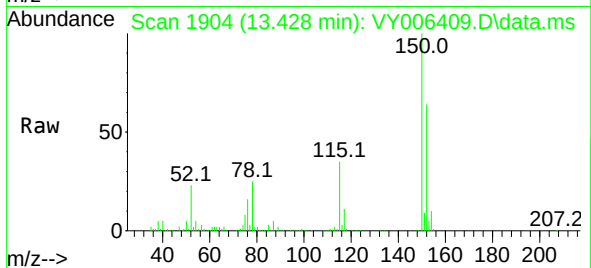




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY006409.D
 Acq: 15 Oct 2021 16:15

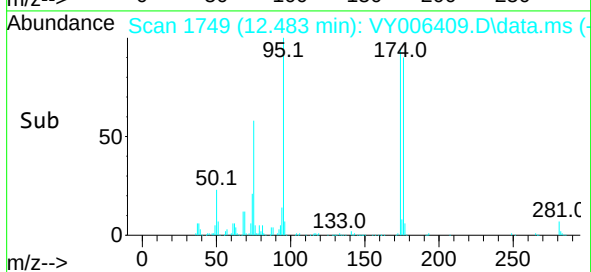
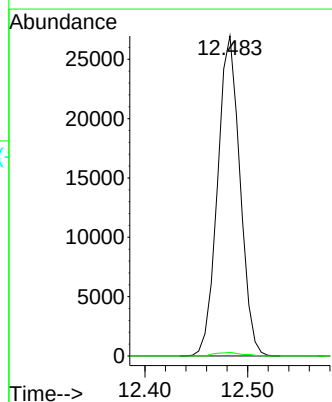
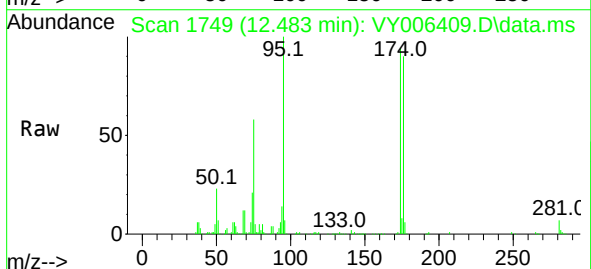
Instrument :
 MSVOA_Y
 ClientSampleId :

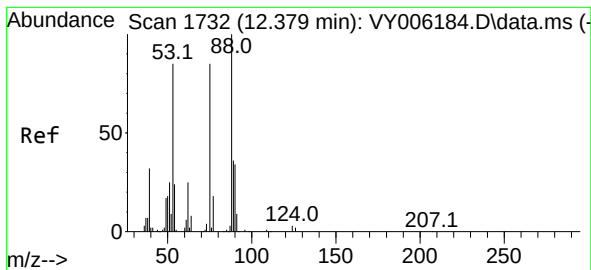
Tgt Ion:152 Resp: 75360
 Ion Ratio Lower Upper
 152 100
 115 56.4 28.2 84.7
 150 158.5 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 55.767 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY006409.D
 Acq: 15 Oct 2021 16:15

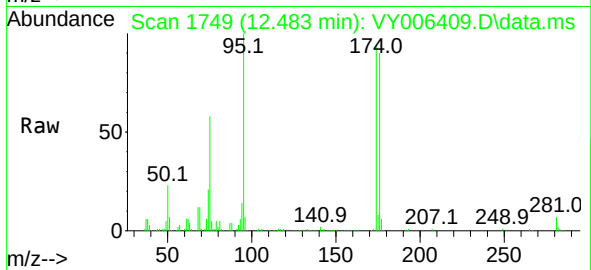
Tgt Ion: 75 Resp: 40847
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 109.590 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY006409.D
 Acq: 15 Oct 2021 16:15

Instrument :
 MSVOA_Y
 ClientSampleId :



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

