

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101021\
 Data File : VY006363.D
 Acq On : 08 Oct 2021 18:32
 Operator : SY/MD
 Sample : M4117-18RE
 Misc : 4.59G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 11 03:20:29 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)

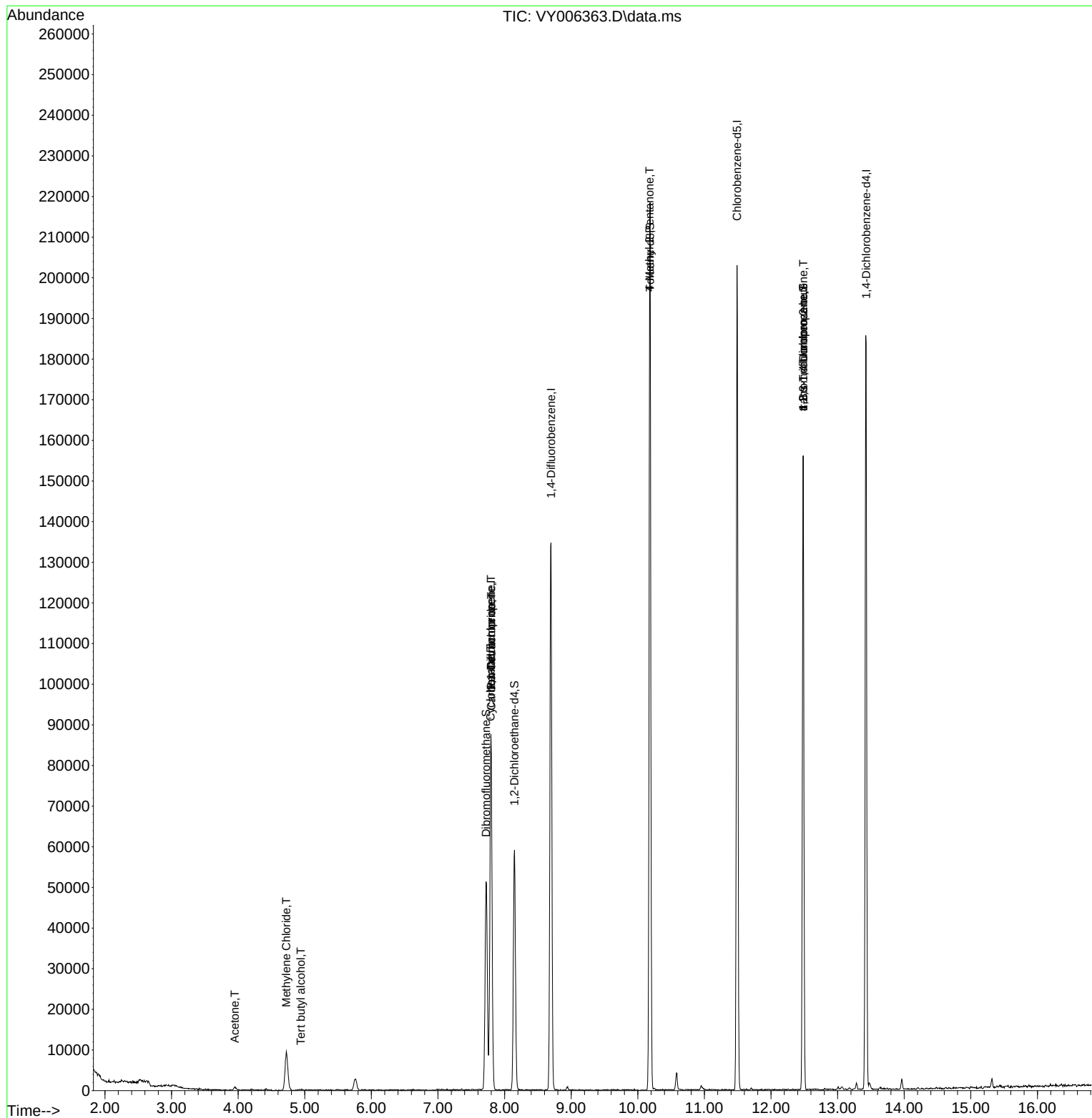
Internal Standards						
1) Pentafluorobenzene	7.795	168	67645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	110836	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	104007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	47515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	48882	67.517	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 135.040%			
35) Dibromofluoromethane	7.722	113	34289	57.906	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.820%			
50) Toluene-d8	10.185	98	138186	55.759	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.520%			
62) 4-Bromofluorobenzene	12.483	95	41811	49.663	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.320%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.942	59	190	3.000	ug/l #	77
16) Acetone	3.948	43	1405	6.948	ug/l	91
20) Methylene Chloride	4.722	84	6542	6.098	ug/l #	85
31) Cyclohexane	7.789	56	1563	1.140	ug/l #	31
36) 1,1-Dichloropropene	7.795	75	5225	4.738	ug/l #	50
38) Carbon Tetrachloride	7.801	117	6924	5.946	ug/l #	16
51) 4-Methyl-2-Pentanone	10.178	43	699	1.093	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	24160	52.315	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	24160	102.806	ug/l #	7

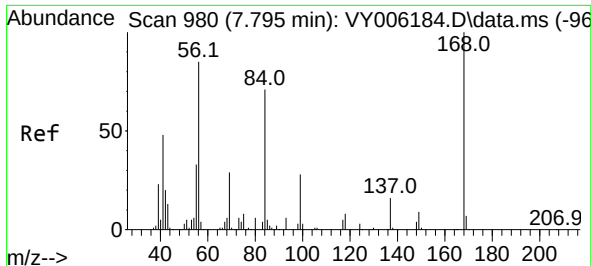
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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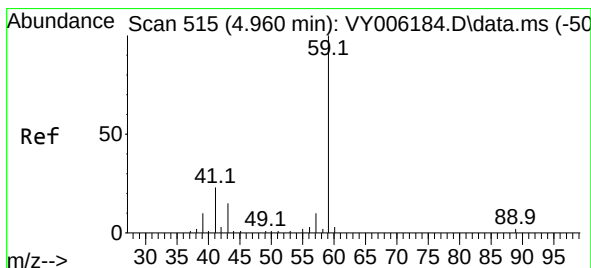
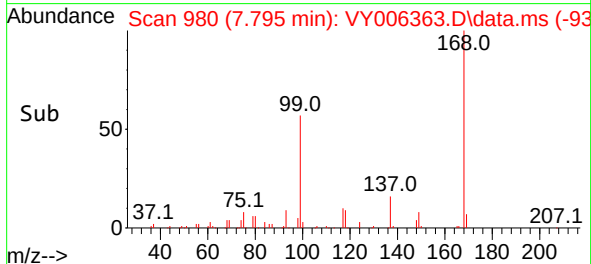
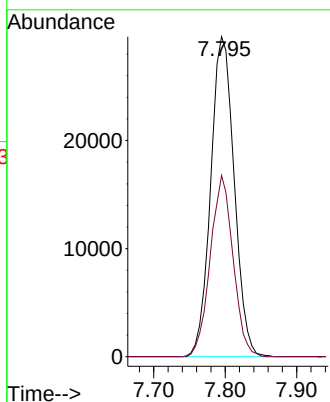
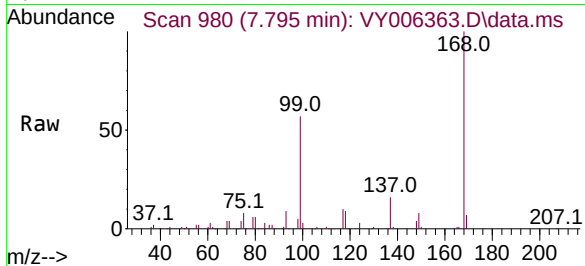




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006363.D
Acq: 08 Oct 2021 18:32

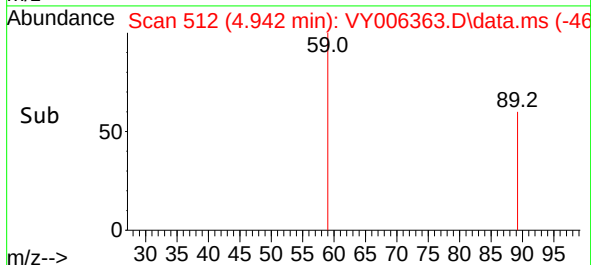
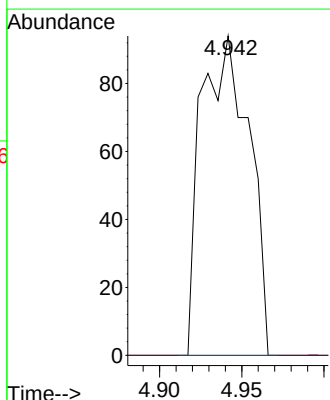
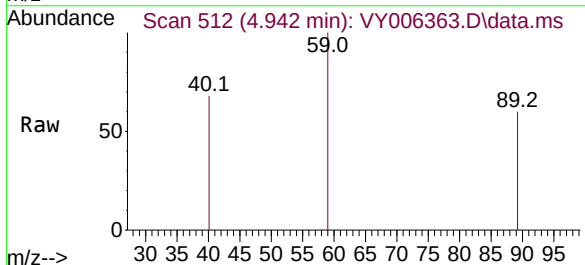
Instrument :
MSVOA_Y
ClientSampleId :

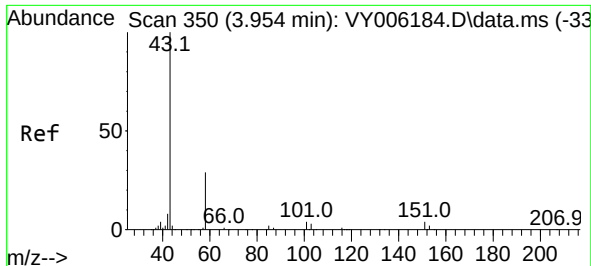
Tgt Ion:168 Resp: 67645
Ion Ratio Lower Upper
168 100
99 56.7 46.9 70.3



#11
Tert butyl alcohol
Concen: 3.000 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.018 min
Lab File: VY006363.D
Acq: 08 Oct 2021 18:32

Tgt Ion: 59 Resp: 190
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

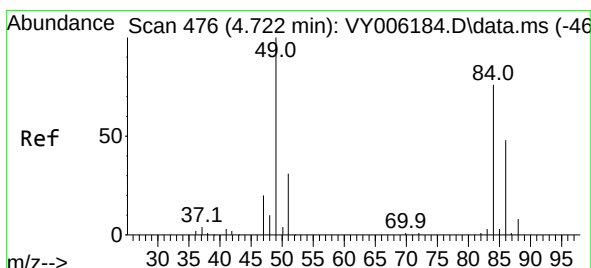
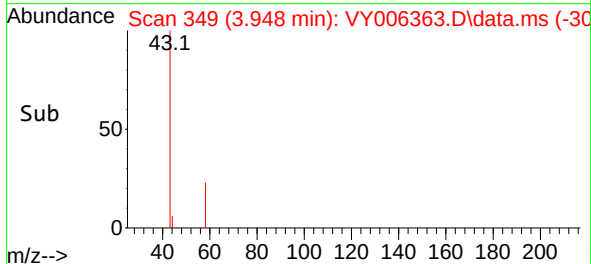
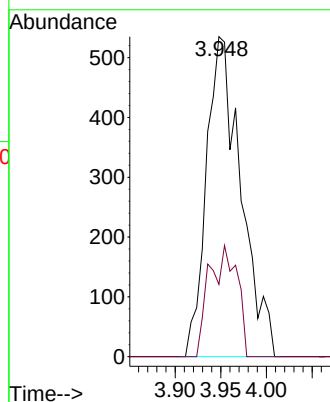
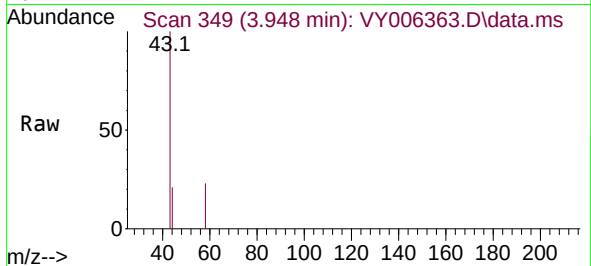




#16
Acetone
Concen: 6.948 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006363.D
Acq: 08 Oct 2021 18:32

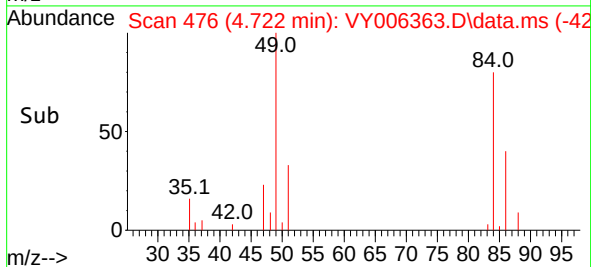
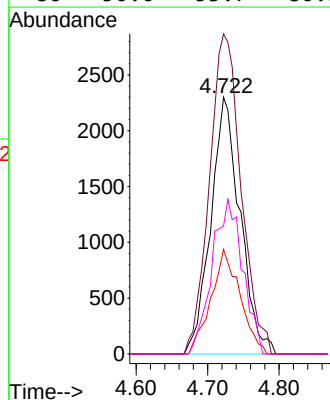
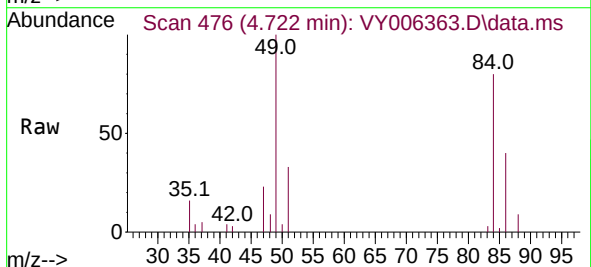
Instrument :
MSVOA_Y
ClientSampled :

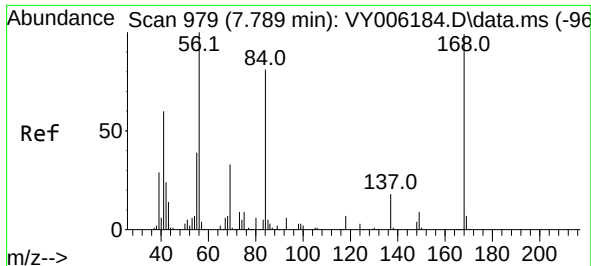
Tgt Ion: 43 Resp: 1405
Ion Ratio Lower Upper
43 100
58 22.6 22.0 33.0



#20
Methylene Chloride
Concen: 6.098 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY006363.D
Acq: 08 Oct 2021 18:32

Tgt Ion: 84 Resp: 6542
Ion Ratio Lower Upper
84 100
49 124.7 114.4 171.6
51 40.8 35.3 52.9
86 50.0 53.7 80.5#

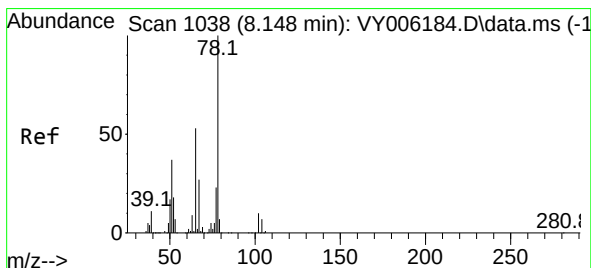
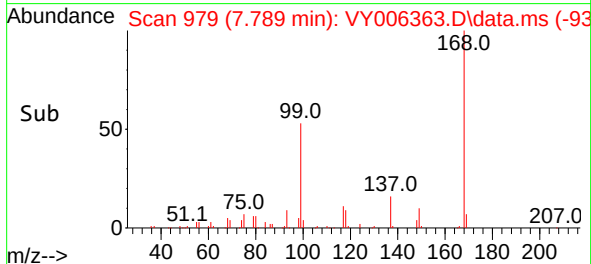
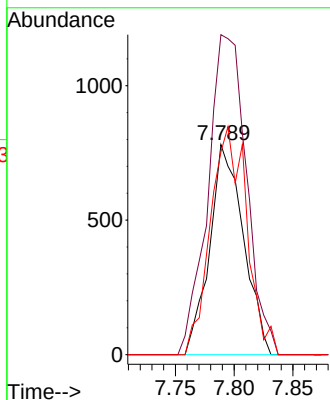
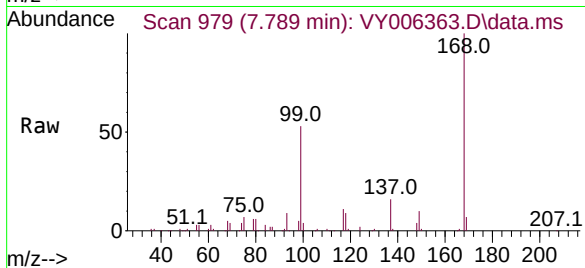




#31
Cyclohexane
Concen: 1.140 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY006363.D
Acq: 08 Oct 2021 18:32

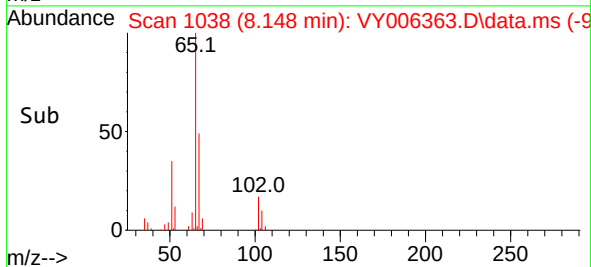
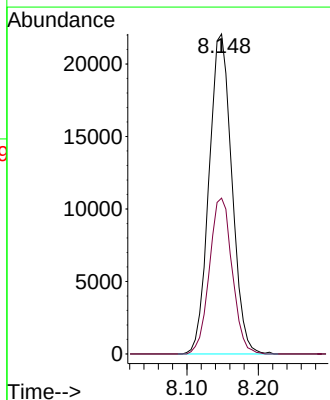
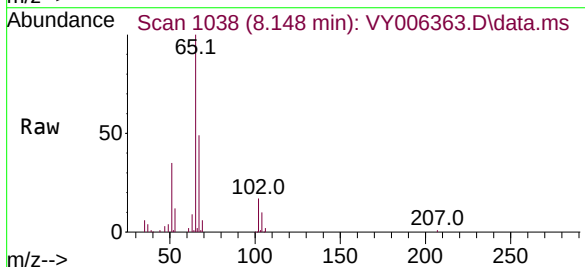
Instrument :
MSVOA_Y
ClientSampleId :

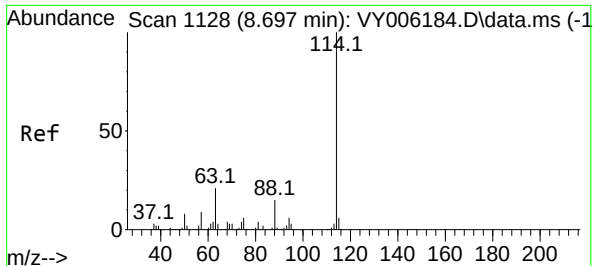
Tgt Ion: 56 Resp: 1563
Ion Ratio Lower Upper
56 100
69 152.4 26.7 40.1#
84 96.5 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 67.517 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006363.D
Acq: 08 Oct 2021 18:32

Tgt Ion: 65 Resp: 48882
Ion Ratio Lower Upper
65 100
67 48.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY006363.D

Acq: 08 Oct 2021 18:32

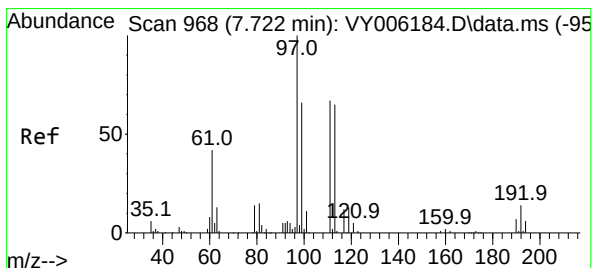
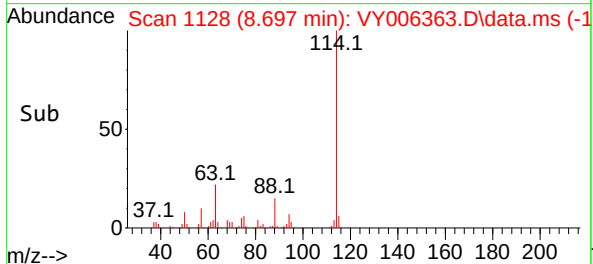
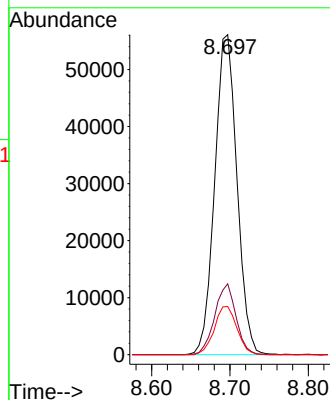
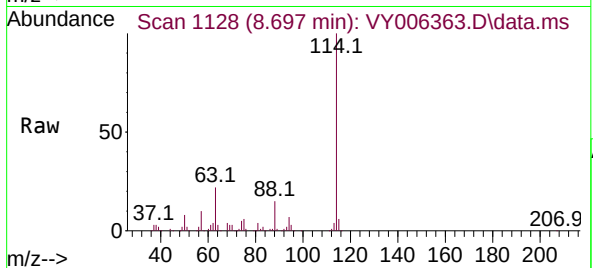
Tgt Ion:114 Resp: 110836

Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 57.906 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY006363.D

Acq: 08 Oct 2021 18:32

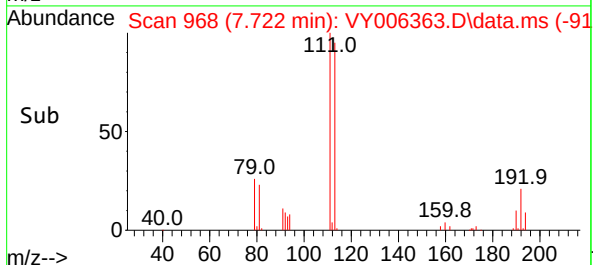
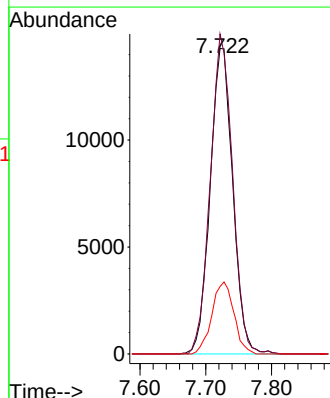
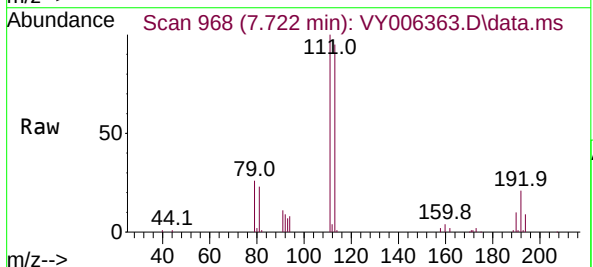
Tgt Ion:113 Resp: 34289

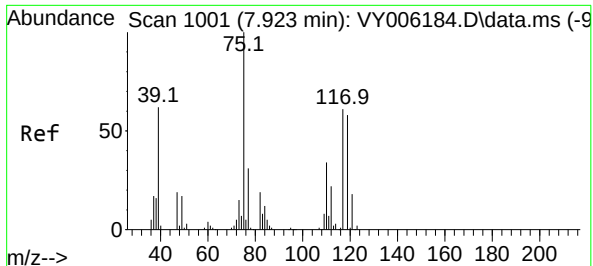
Ion Ratio Lower Upper

113 100

111 102.9 82.6 124.0

192 22.9 17.6 26.4

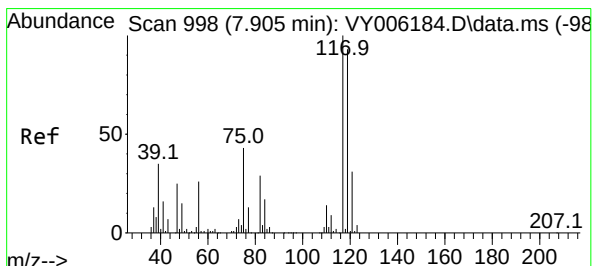
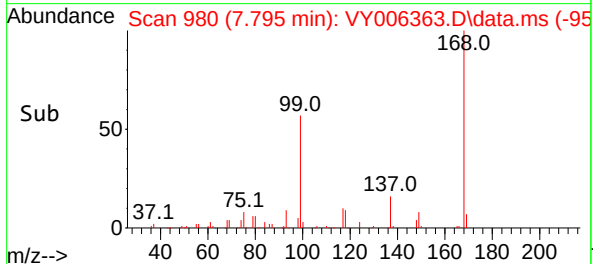
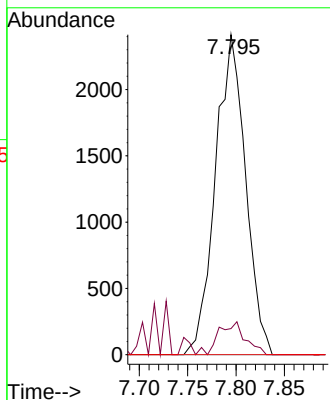
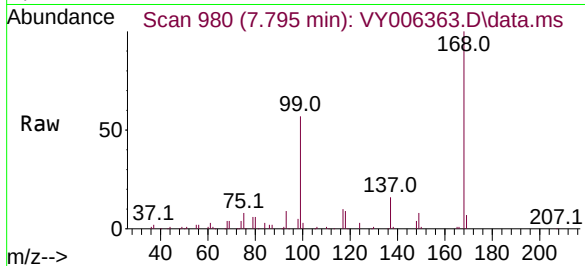




#36
 1,1-Dichloropropene
 Concen: 4.738 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.128 min
 Lab File: VY006363.D
 Acq: 08 Oct 2021 18:32

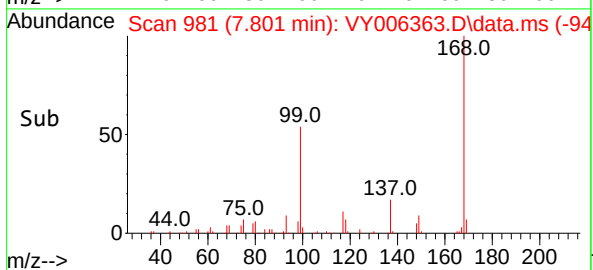
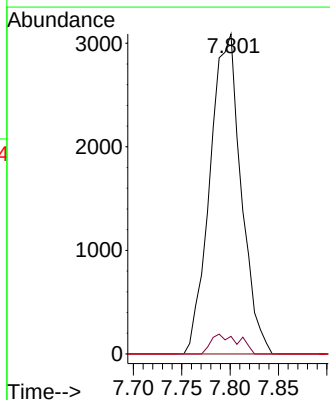
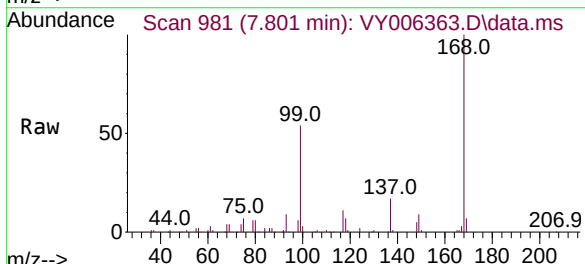
Instrument :
 MSVOA_Y
 ClientSampleId :

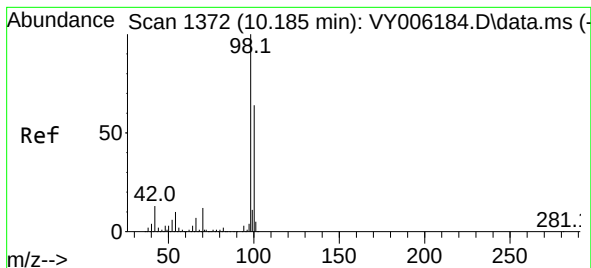
Tgt Ion:	75	Resp:	5225
Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.1	51.2#
77	0.0	24.4	36.6#



#38
 Carbon Tetrachloride
 Concen: 5.946 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.104 min
 Lab File: VY006363.D
 Acq: 08 Oct 2021 18:32

Tgt Ion:	117	Resp:	6924
Ion	Ratio	Lower	Upper
117	100		
119	5.5	77.9	116.9#
121	0.0	24.8	37.2#





#50

Toluene-d8

Concen: 55.759 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.000 min

Lab File: VY006363.D

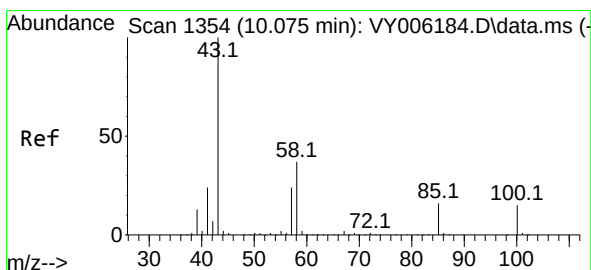
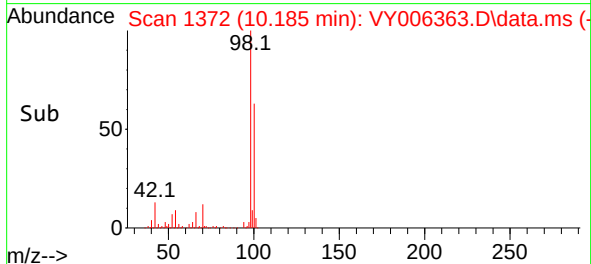
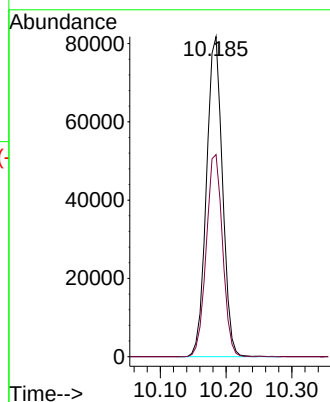
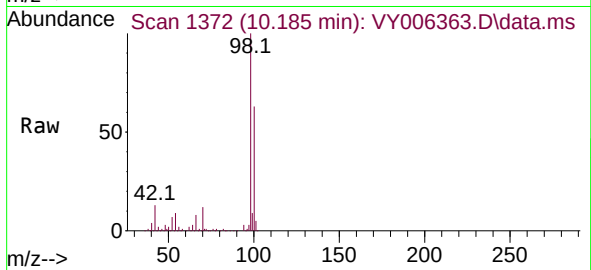
Acq: 08 Oct 2021 18:32

Tgt Ion: 98 Resp: 138186

Ion Ratio Lower Upper

98 100

100 64.5 50.2 75.2



#51

4-Methyl-2-Pentanone

Concen: 1.093 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. 0.104 min

Lab File: VY006363.D

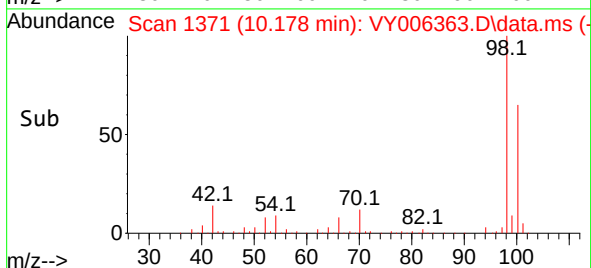
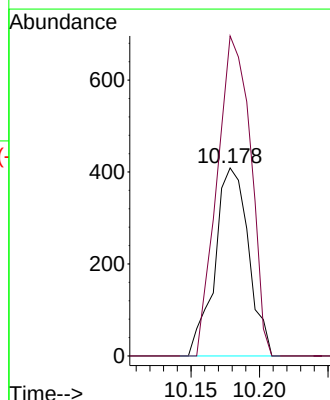
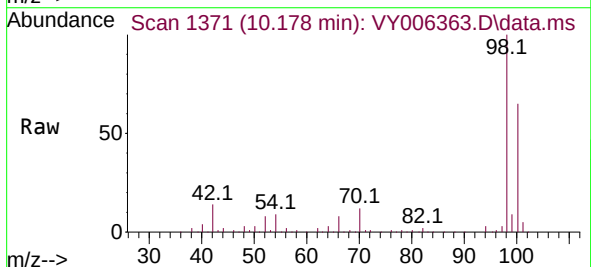
Acq: 08 Oct 2021 18:32

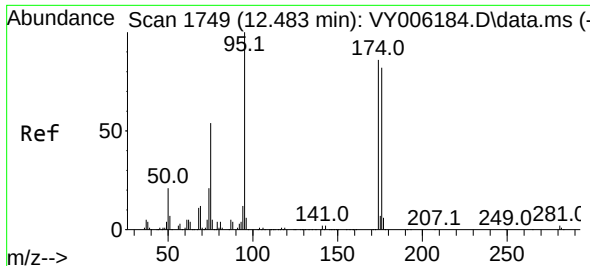
Tgt Ion: 43 Resp: 699

Ion Ratio Lower Upper

43 100

58 169.5 28.1 42.1#

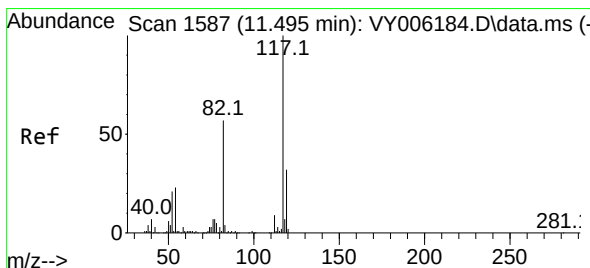
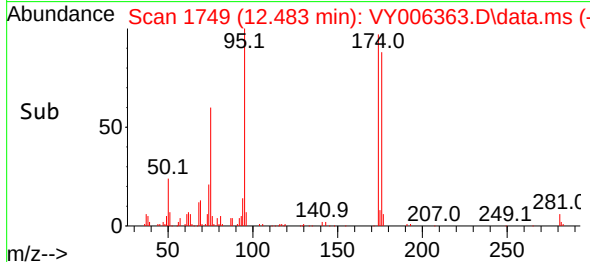
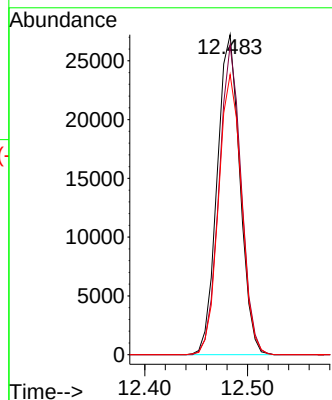
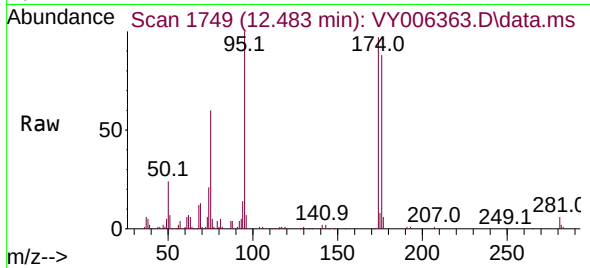




#62
4-Bromofluorobenzene
Concen: 49.663 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006363.D
Acq: 08 Oct 2021 18:32

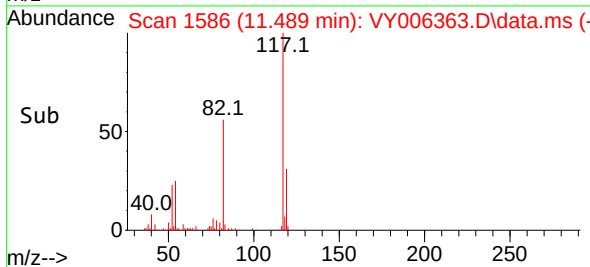
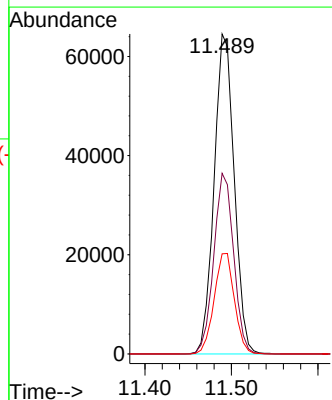
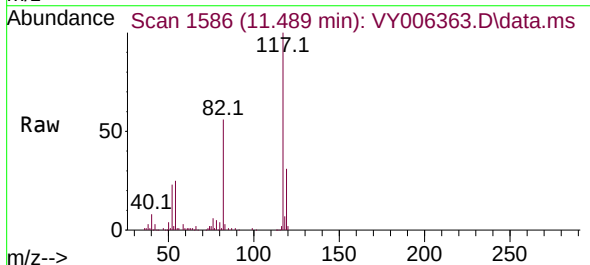
Instrument :
MSVOA_Y
ClientSampleId :

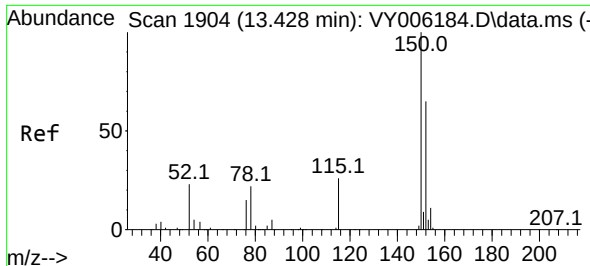
Tgt Ion:	95	Resp:	41811
Ion Ratio	Lower	Upper	
95	100		
174	94.1	0.0	177.0
176	88.6	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006363.D
Acq: 08 Oct 2021 18:32

Tgt Ion:	117	Resp:	104007
Ion Ratio	Lower	Upper	
117	100		
82	56.4	43.0	64.4
119	31.3	25.4	38.0

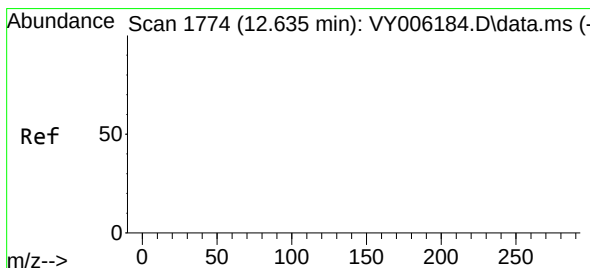
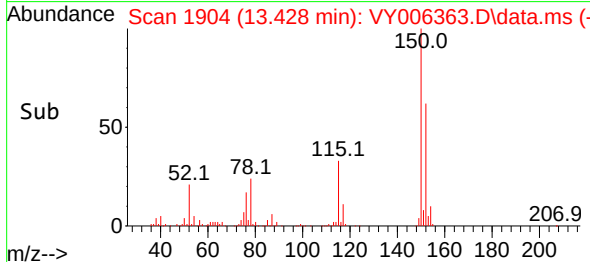
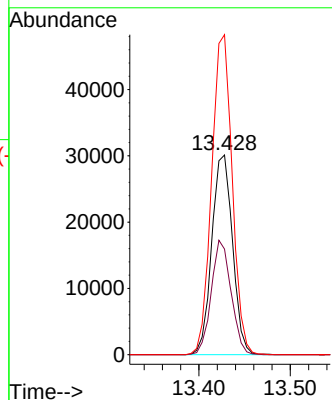
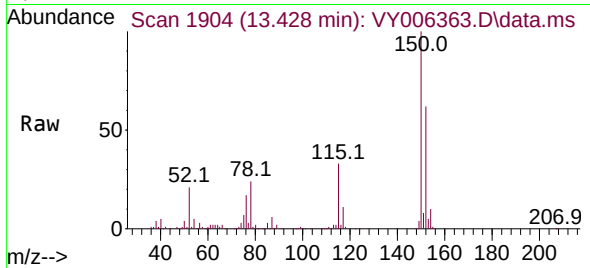




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006363.D
Acq: 08 Oct 2021 18:32

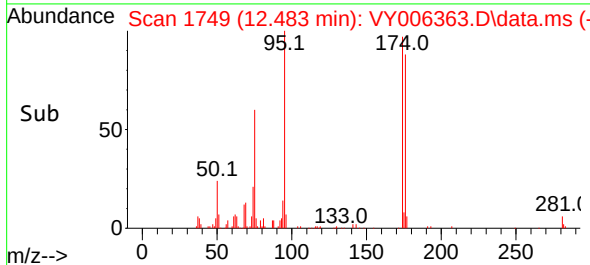
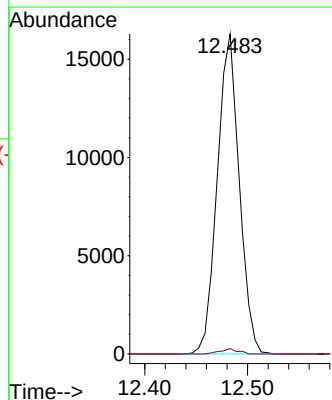
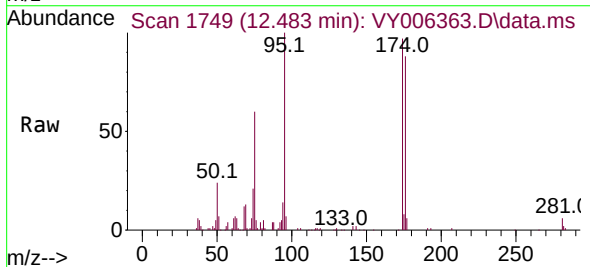
Instrument :
MSVOA_Y
ClientSampled :

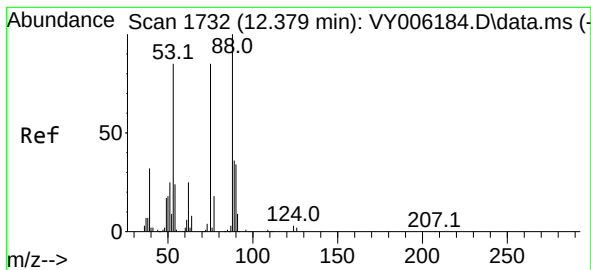
Tgt Ion:152 Resp: 47515
Ion Ratio Lower Upper
152 100
115 54.6 28.2 84.7
150 158.6 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 52.315 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006363.D
Acq: 08 Oct 2021 18:32

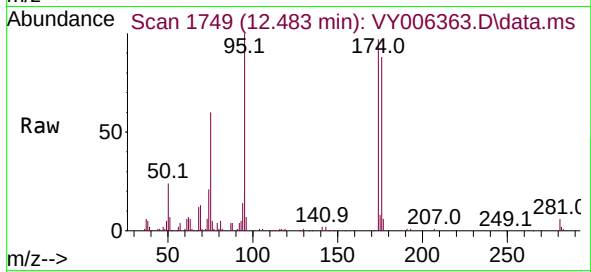
Tgt Ion: 75 Resp: 24160
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 102.806 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006363.D
 Acq: 08 Oct 2021 18:32

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#

