

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100121\
 Data File : VY006267.D
 Acq On : 01 Oct 2021 17:39
 Operator : SY/MD
 Sample : M4039-01
 Misc : 5.78G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 02 02:14:22 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	7.801	168	119104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	196212	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	184127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88725	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	86202	67.622	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.240%	
35) Dibromofluoromethane	7.722	113	59002	56.284	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.560%	
50) Toluene-d8	10.185	98	245204	55.890	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.780%	
62) 4-Bromofluorobenzene	12.483	95	79581	53.395	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.800%	

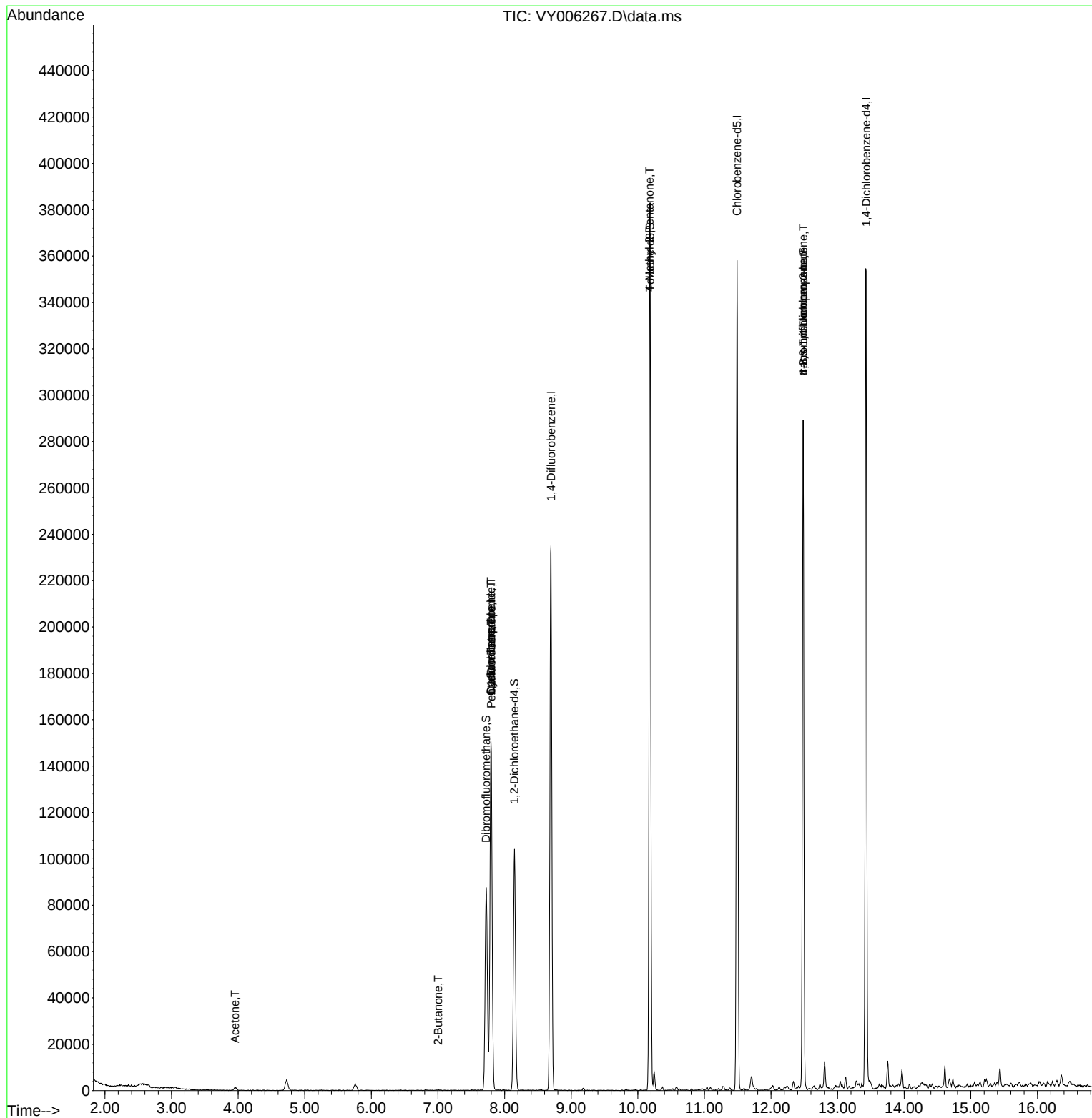
Target Compounds			Qvalue			
16) Acetone	3.954	43	2564	7.201	ug/l #	88
20) Methylene Chloride	4.728	84	3290	Below Cal		95
25) 2-Butanone	7.002	43	634	1.278	ug/l #	54
31) Cyclohexane	7.795	56	2780	1.151	ug/l #	9
36) 1,1-Dichloropropene	7.795	75	8850	4.533	ug/l #	50
38) Carbon Tetrachloride	7.795	117	11274	5.469	ug/l #	15
51) 4-Methyl-2-Pentanone	10.179	43	1232	1.088	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	45873	53.195	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	45873	104.535	ug/l #	7

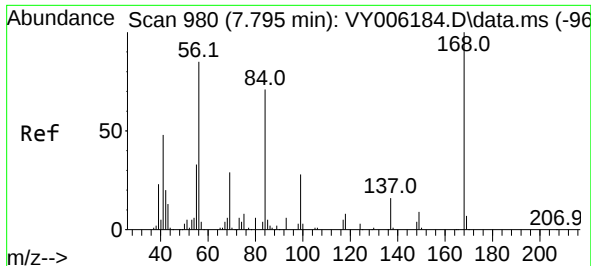
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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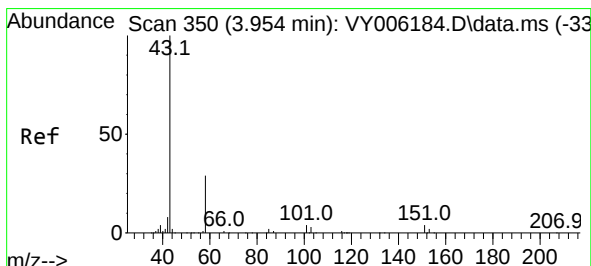
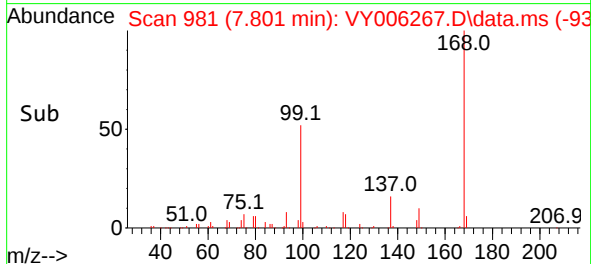
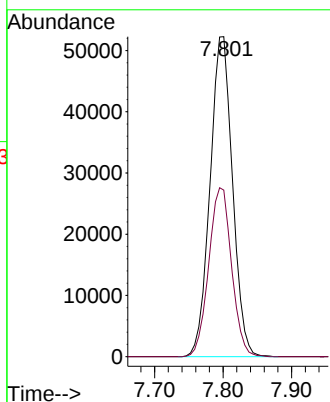
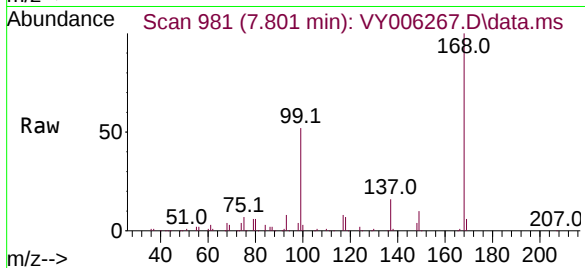




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006267.D
Acq: 01 Oct 2021 17:39

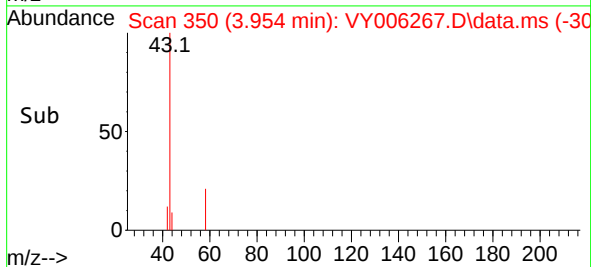
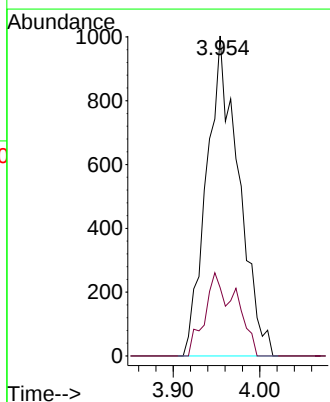
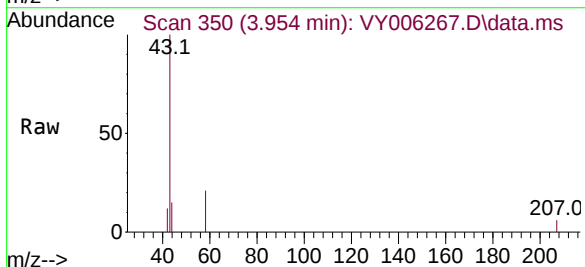
Instrument :
MSVOA_Y
ClientSampled :

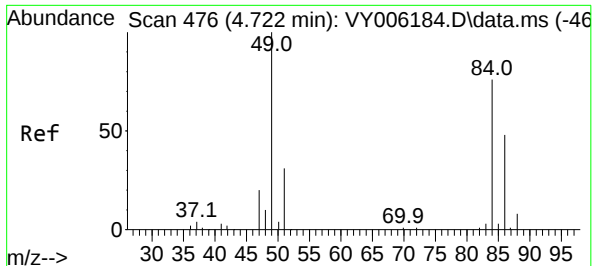
Tgt Ion:168 Resp: 119104
Ion Ratio Lower Upper
168 100
99 52.1 46.9 70.3



#16
Acetone
Concen: 7.201 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006267.D
Acq: 01 Oct 2021 17:39

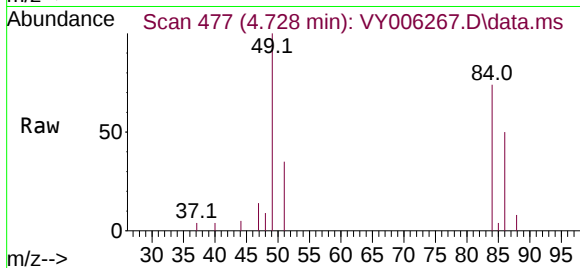
Tgt Ion: 43 Resp: 2564
Ion Ratio Lower Upper
43 100
58 21.3 22.0 33.0#



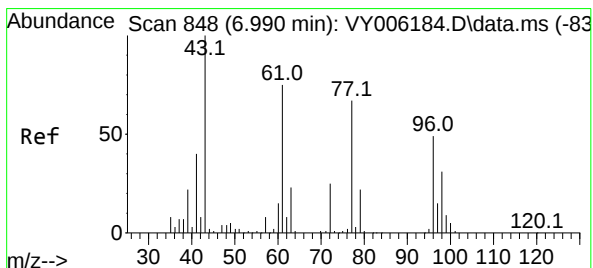
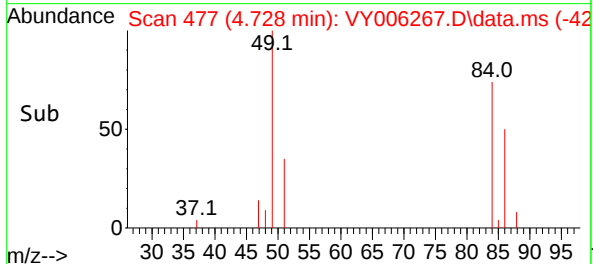
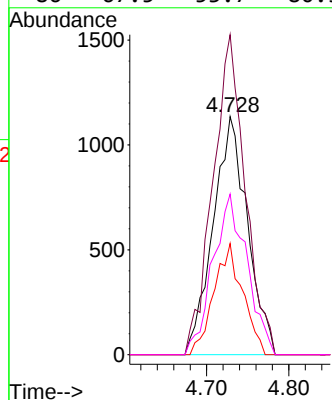


#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY006267.D
Acq: 01 Oct 2021 17:39

Instrument :
MSVOA_Y
ClientSampled :

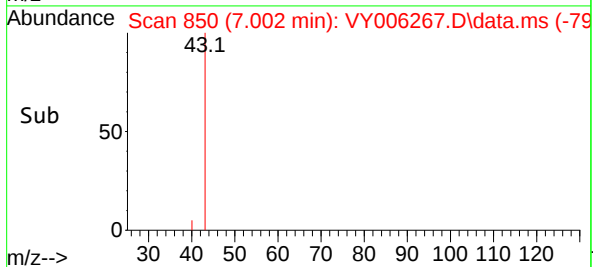
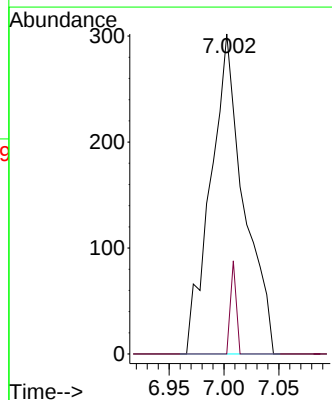
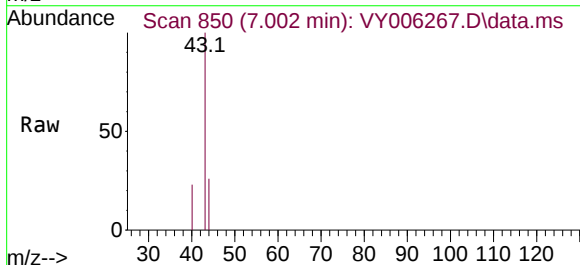


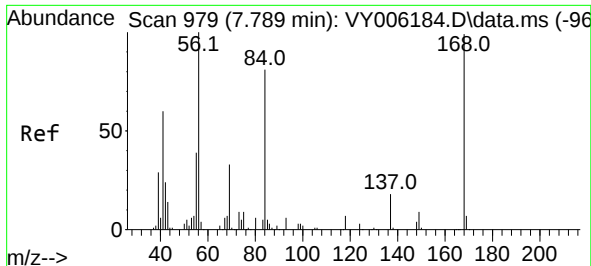
Tgt Ion:	84	Resp:	3290
Ion	Ratio	Lower	Upper
84	100		
49	134.4	114.4	171.6
51	46.7	35.3	52.9
86	67.5	53.7	80.5



#25
2-Butanone
Concen: 1.278 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY006267.D
Acq: 01 Oct 2021 17:39

Tgt Ion:	43	Resp:	634
Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.7	26.5#

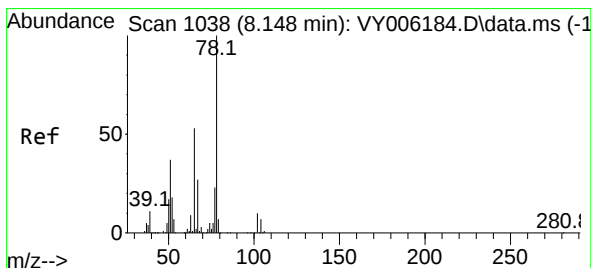
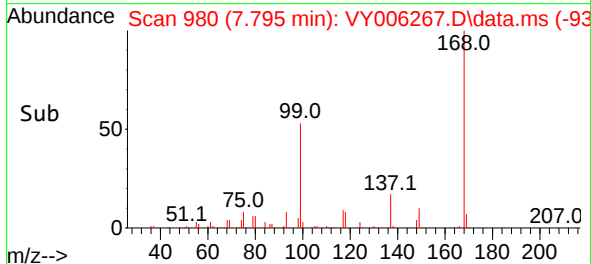
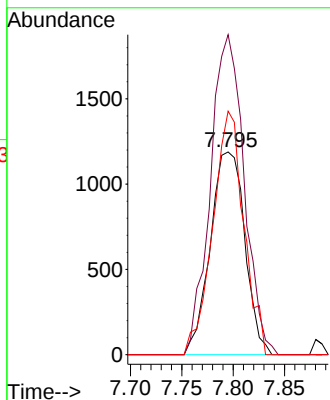
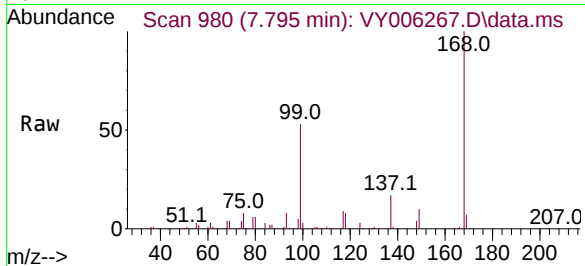




#31
Cyclohexane
Concen: 1.151 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006267.D
Acq: 01 Oct 2021 17:39

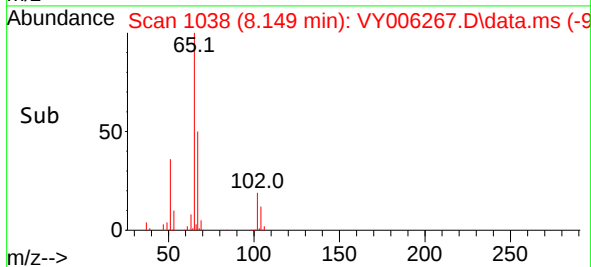
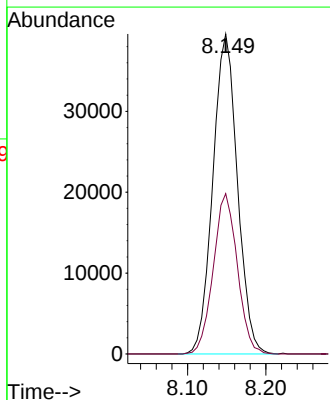
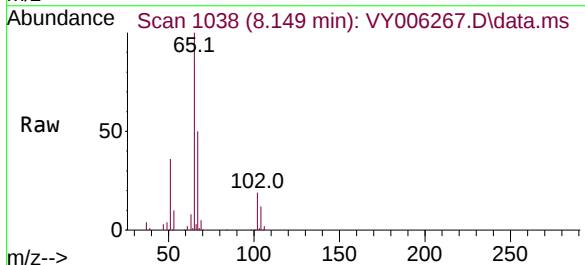
Instrument :
MSVOA_Y
ClientSampled :

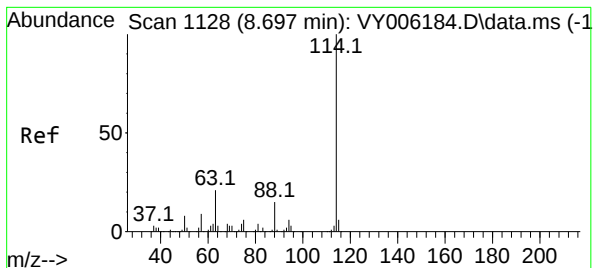
Tgt Ion: 56 Resp: 2780
Ion Ratio Lower Upper
56 100
69 157.8 26.7 40.1#
84 120.1 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 67.622 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006267.D
Acq: 01 Oct 2021 17:39

Tgt Ion: 65 Resp: 86202
Ion Ratio Lower Upper
65 100
67 49.0 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: VY006267.D

Acq: 01 Oct 2021 17:39

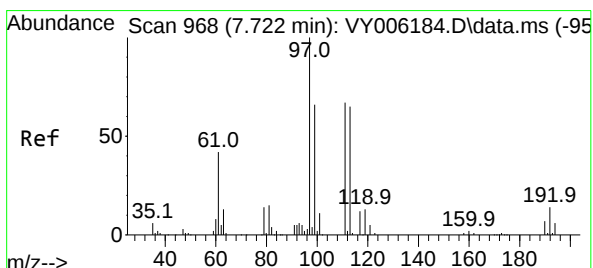
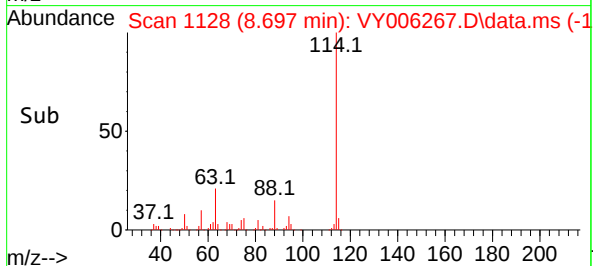
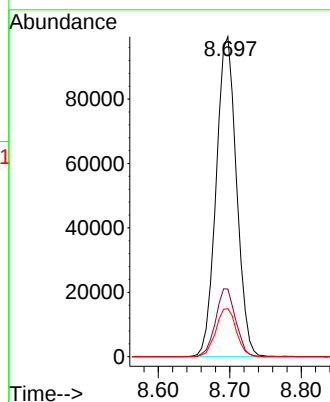
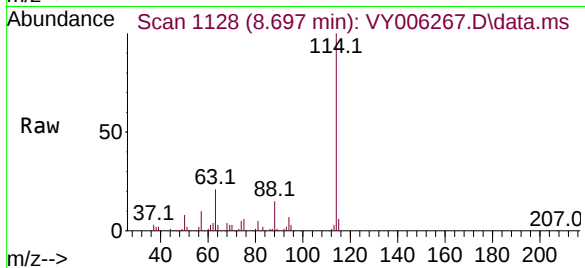
Tgt Ion:114 Resp: 196212

Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.2

88 15.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 56.284 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY006267.D

Acq: 01 Oct 2021 17:39

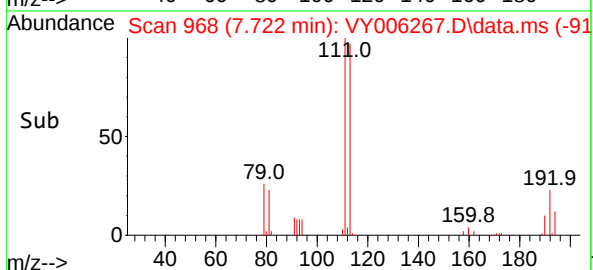
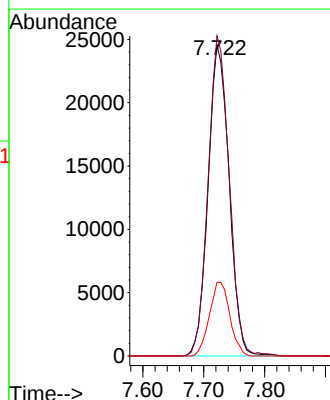
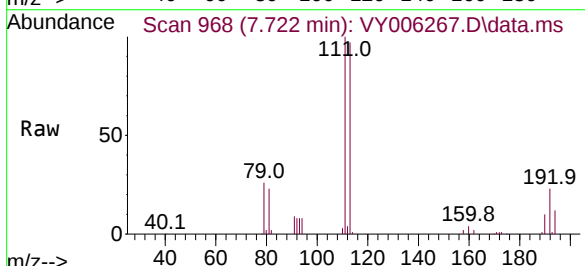
Tgt Ion:113 Resp: 59002

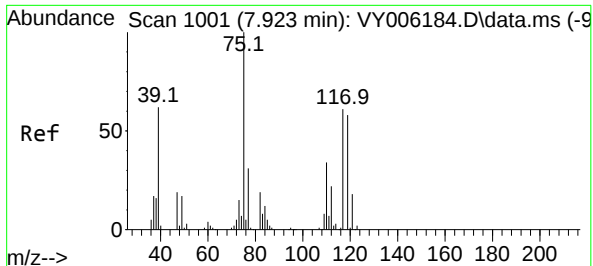
Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

192 23.0 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.533 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY006267.D

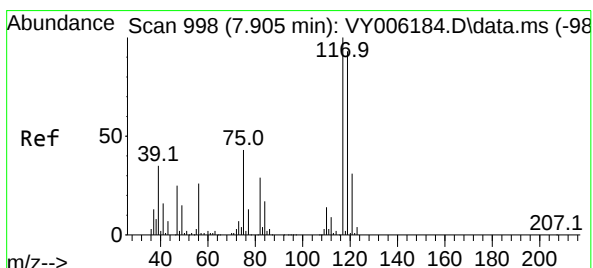
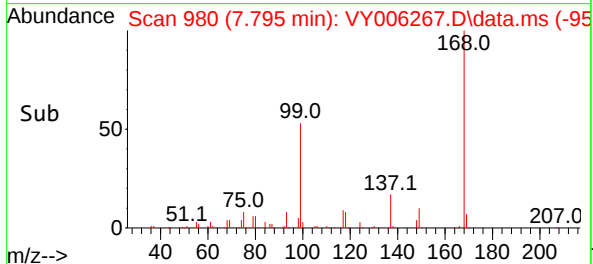
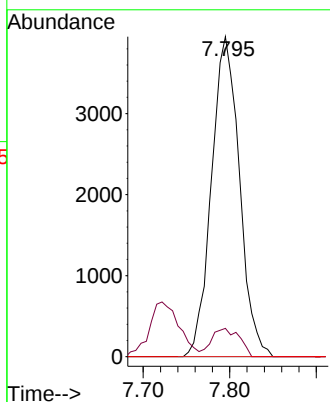
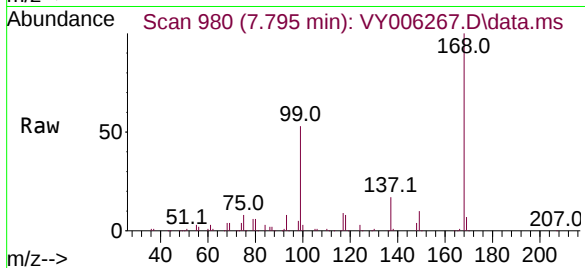
Acq: 01 Oct 2021 17:39

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75	Resp:	8850
Ion Ratio	Lower	Upper
75	100	
110	8.8	17.1 51.2#
77	0.0	24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.469 ug/l

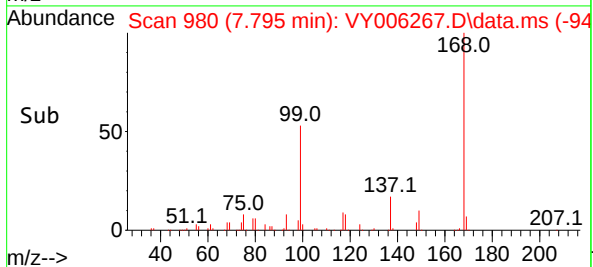
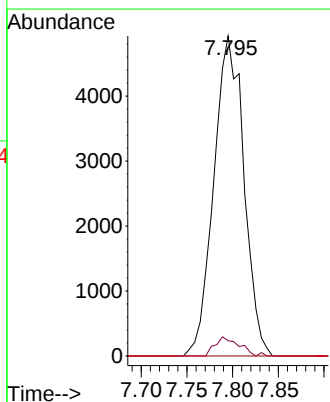
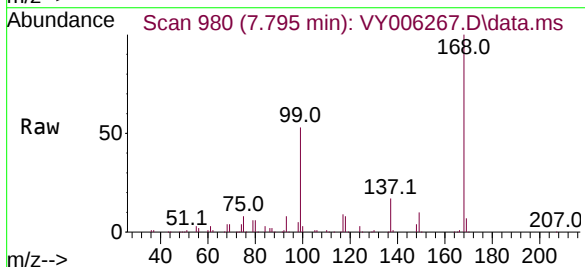
RT: 7.795 min Scan# 980

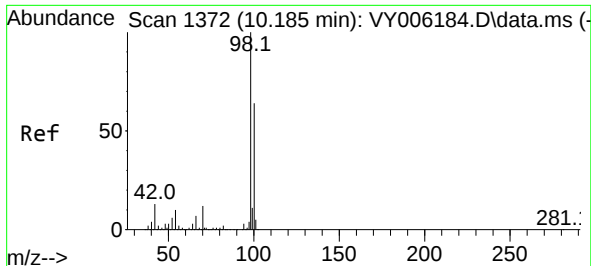
Delta R.T. -0.110 min

Lab File: VY006267.D

Acq: 01 Oct 2021 17:39

Tgt Ion: 117	Resp:	11274
Ion Ratio	Lower	Upper
117	100	
119	4.8	77.9 116.9#
121	0.0	24.8 37.2#

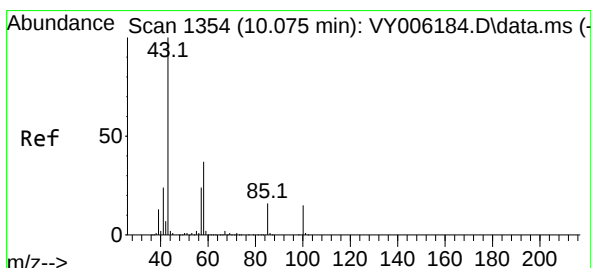
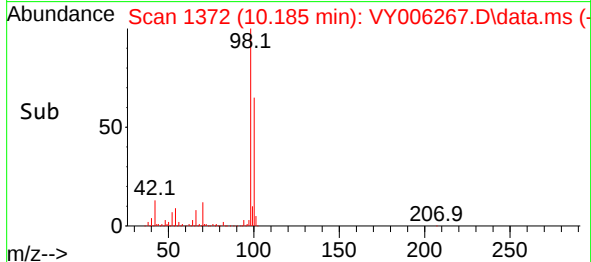
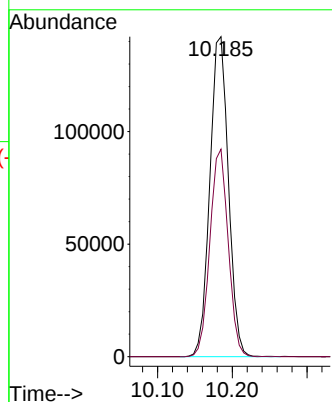
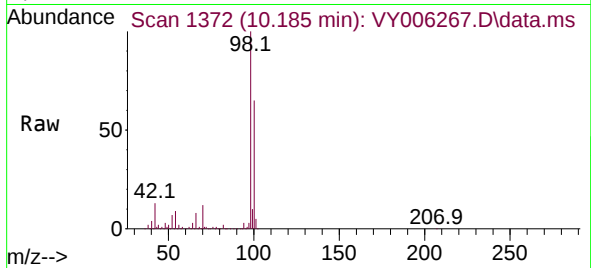




#50
Toluene-d8
Concen: 55.890 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006267.D
Acq: 01 Oct 2021 17:39

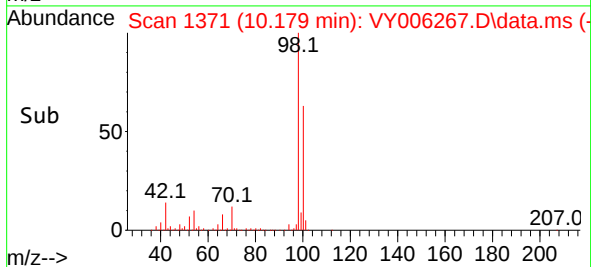
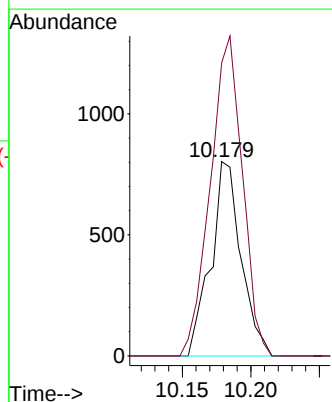
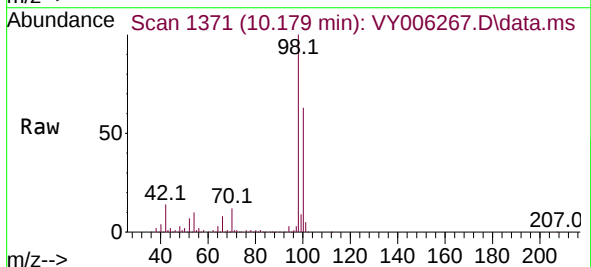
Instrument :
MSVOA_Y
ClientSampled :

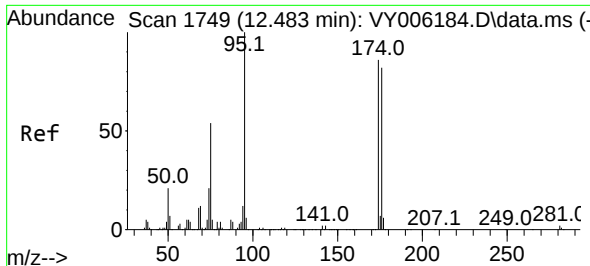
Tgt Ion: 98 Resp: 245204
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.088 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY006267.D
Acq: 01 Oct 2021 17:39

Tgt Ion: 43 Resp: 1232
Ion Ratio Lower Upper
43 100
58 174.6 28.1 42.1#

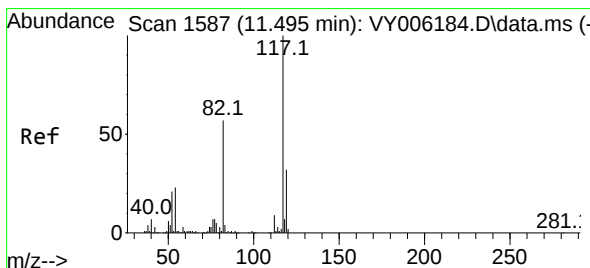
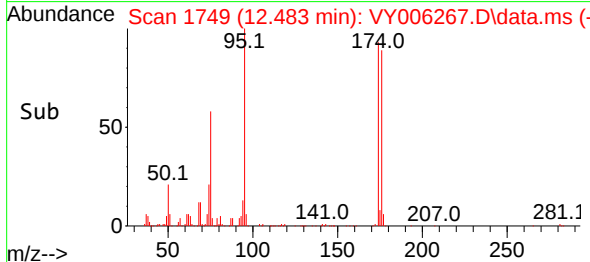
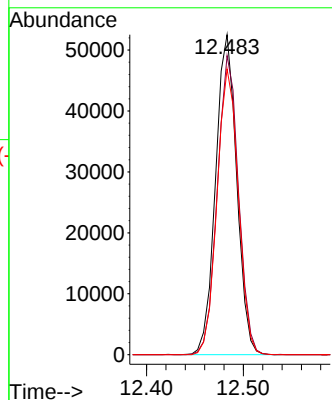
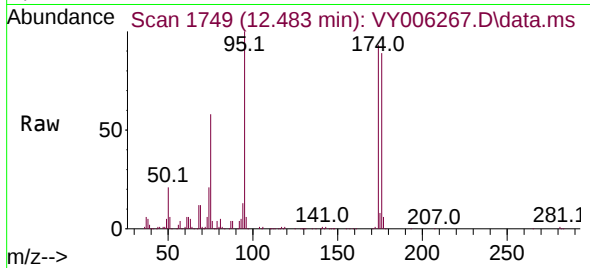




#62
4-Bromofluorobenzene
Concen: 53.395 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006267.D
Acq: 01 Oct 2021 17:39

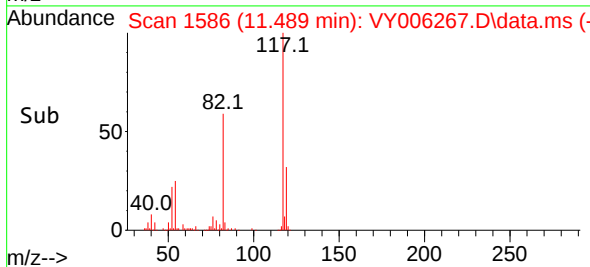
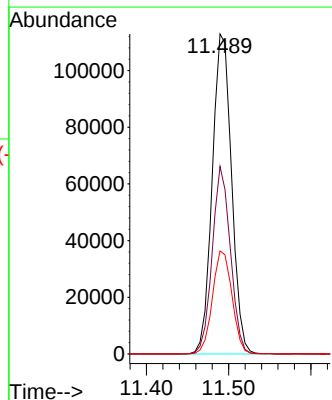
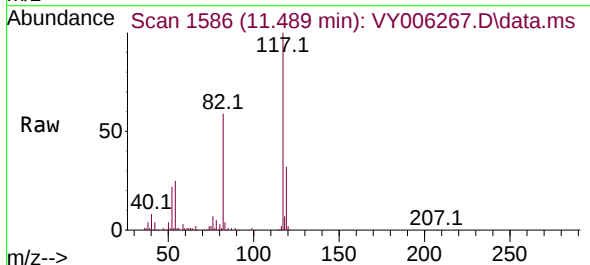
Instrument :
MSVOA_Y
ClientSampleId :

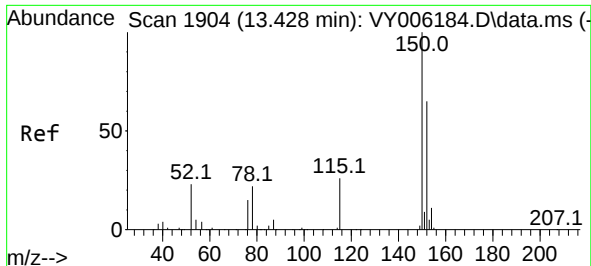
Tgt Ion:	95	Resp:	79581
Ion	Ratio	Lower	Upper
95	100		
174	93.6	0.0	177.0
176	89.9	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006267.D
Acq: 01 Oct 2021 17:39

Tgt Ion:	117	Resp:	184127
Ion	Ratio	Lower	Upper
117	100		
82	58.6	43.0	64.4
119	32.2	25.4	38.0

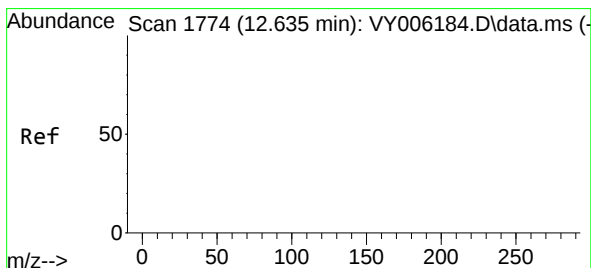
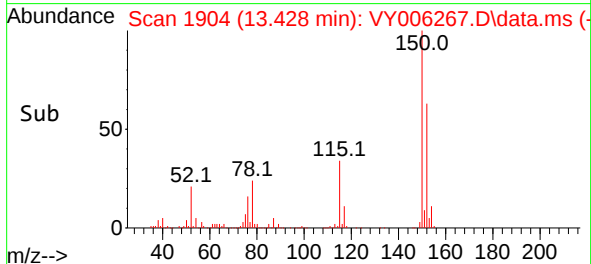
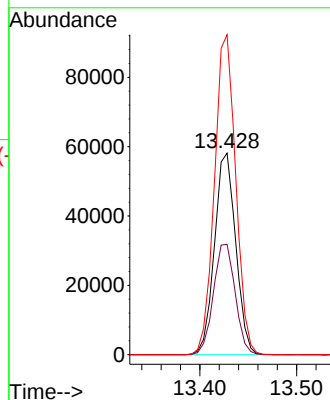
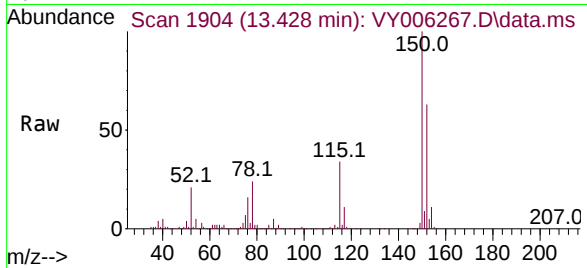




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006267.D
Acq: 01 Oct 2021 17:39

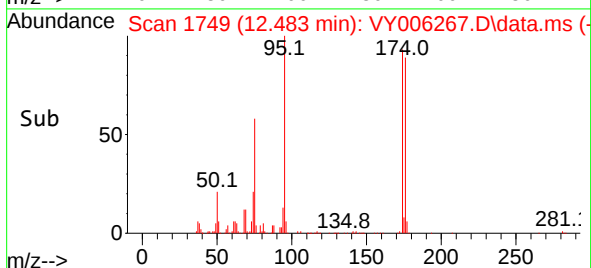
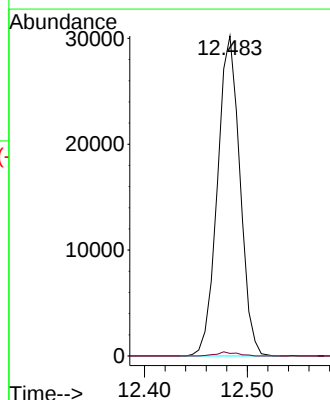
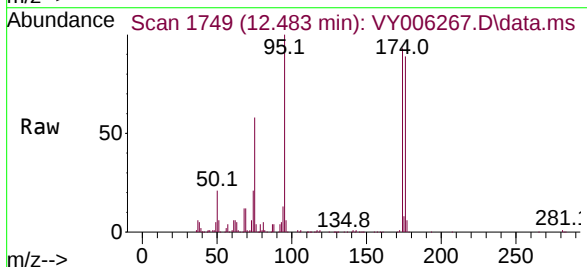
Instrument :
MSVOA_Y
ClientSampleId :

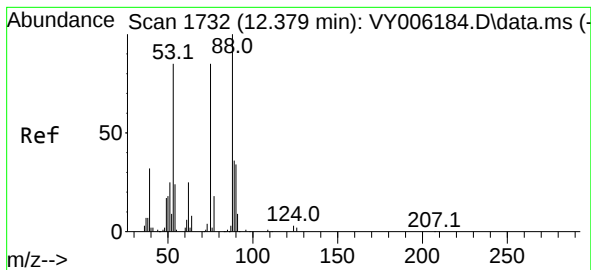
Tgt Ion:152 Resp: 88725
Ion Ratio Lower Upper
152 100
115 56.3 28.2 84.7
150 158.4 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 53.195 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006267.D
Acq: 01 Oct 2021 17:39

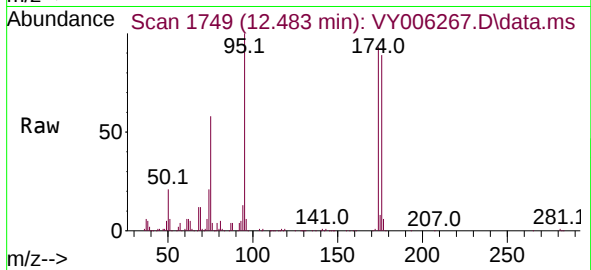
Tgt Ion: 75 Resp: 45873
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.535 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006267.D
 Acq: 01 Oct 2021 17:39

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	85.3	127.9#
89	0.0	37.0	55.4#

