

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041522\
 Data File : VY008356.D
 Acq On : 15 Apr 2022 17:12
 Operator : KP/MD
 Sample : N2432-03
 Misc : 7.72g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2105

Quant Time: Apr 16 04:59:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	99755	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	180153	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	176715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79283	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	58545	62.480	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.960%	
35) Dibromofluoromethane	7.716	113	57859	55.605	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.220%	
50) Toluene-d8	10.179	98	220580	61.952	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 123.900%	
62) 4-Bromofluorobenzene	12.483	95	87220	65.129	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 130.260%	

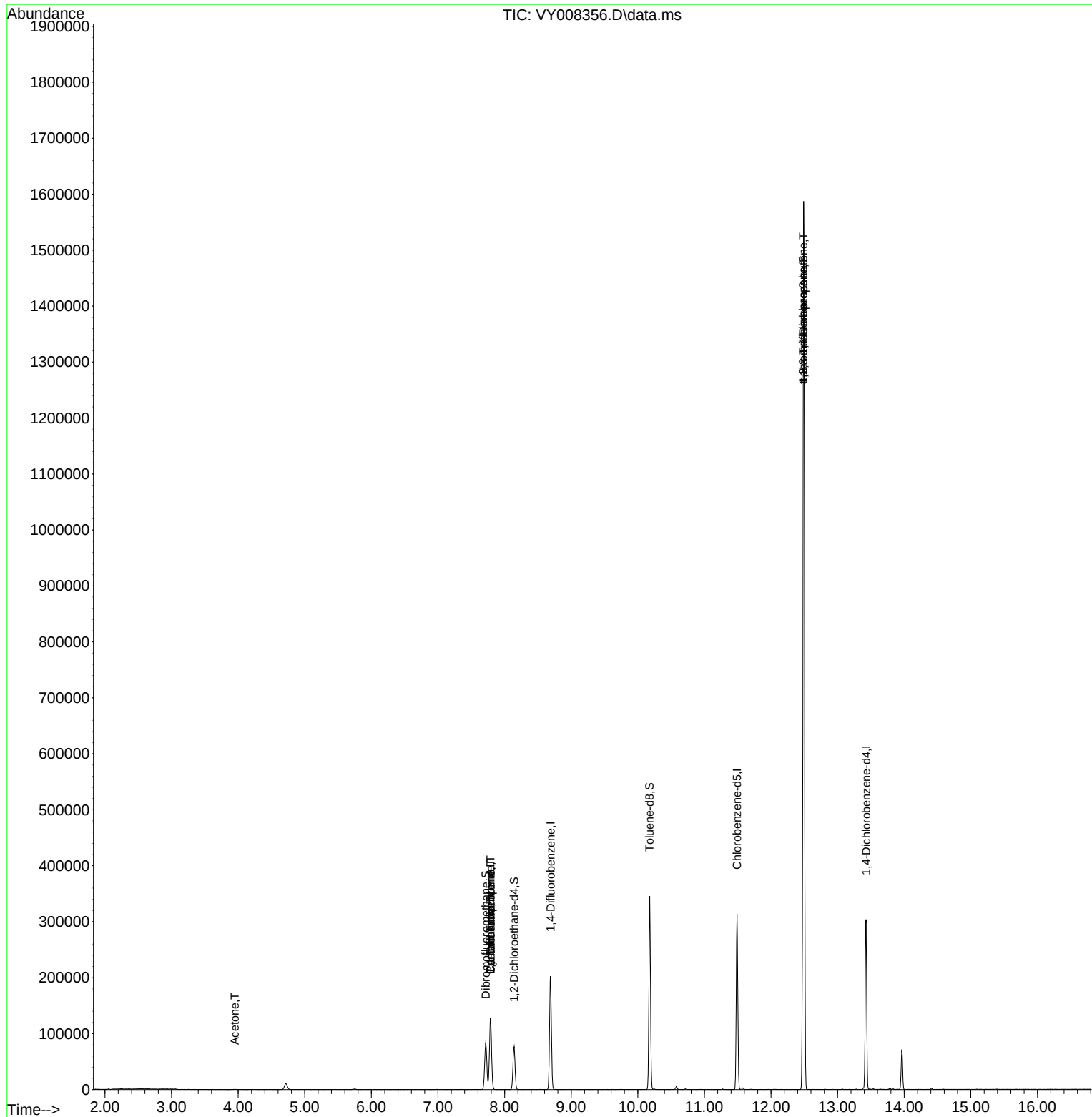
Target Compounds			Qvalue			
3) Chloromethane	2.113	50	218	Below Cal	#	44
5) Bromomethane	2.656	94	191	Below Cal		100
16) Acetone	3.948	43	591	2.622	ug/l #	47
18) Methyl Acetate	4.479	43	329	Below Cal	#	56
20) Methylene Chloride	4.710	84	8750	Below Cal	#	82
31) Cyclohexane	7.789	56	2071	1.222	ug/l #	11
36) 1,1-Dichloropropene	7.789	75	7285	4.384	ug/l #	50
38) Carbon Tetrachloride	7.789	117	10037	5.615	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	54897	62.607	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	54897	140.081	ug/l #	10

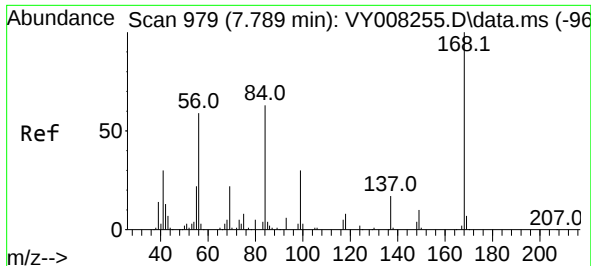
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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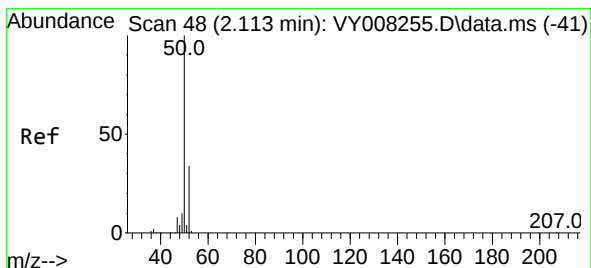
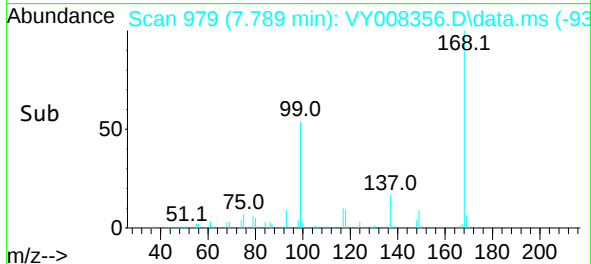
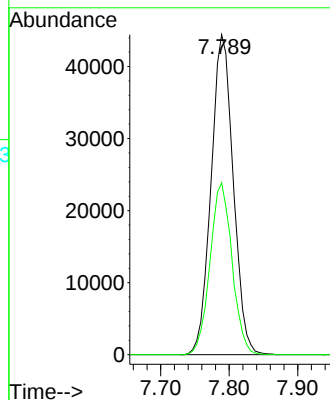
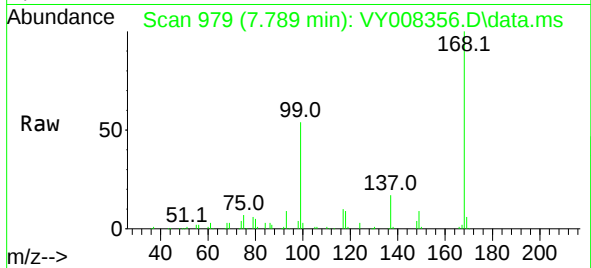




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008356.D
Acq: 15 Apr 2022 17:12

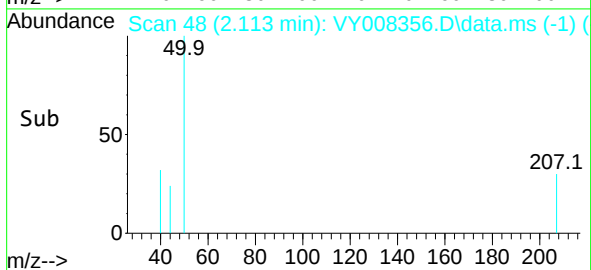
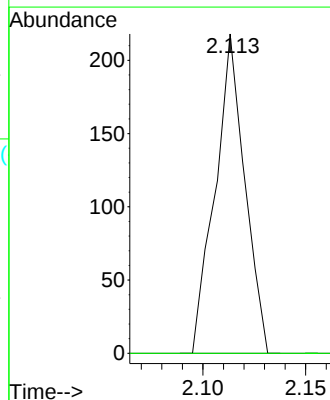
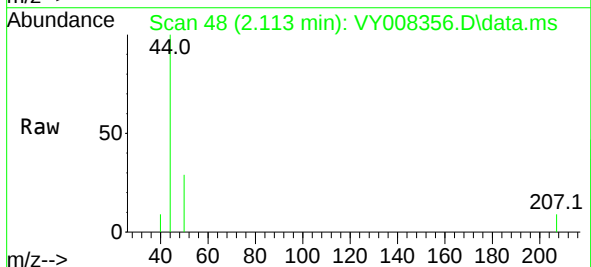
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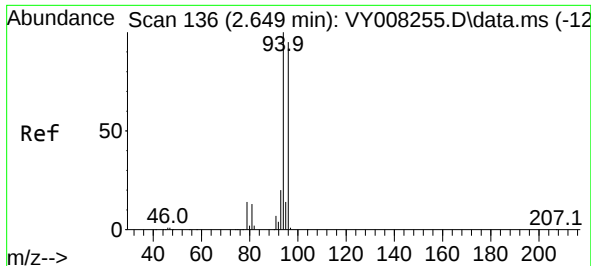
Tgt Ion:168 Resp: 99755
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY008356.D
Acq: 15 Apr 2022 17:12

Tgt Ion: 50 Resp: 218
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

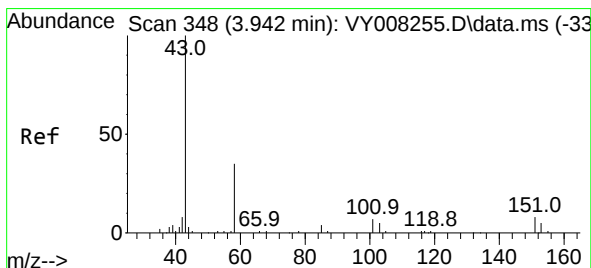
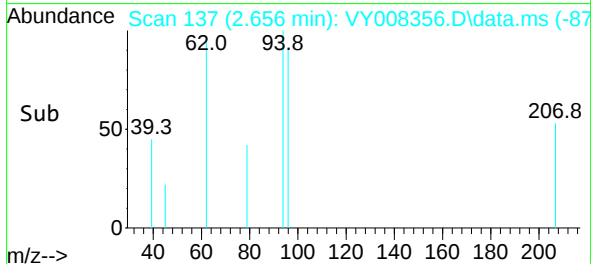
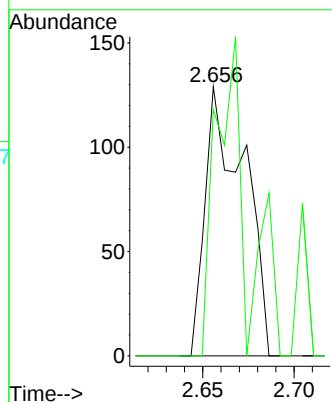
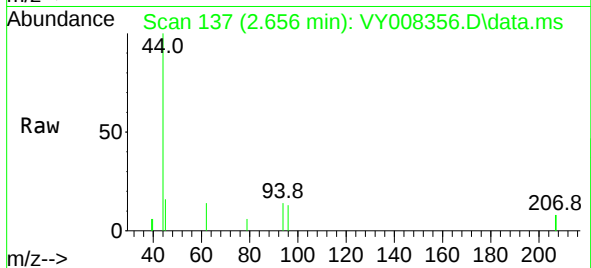




#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY008356.D
Acq: 15 Apr 2022 17:12

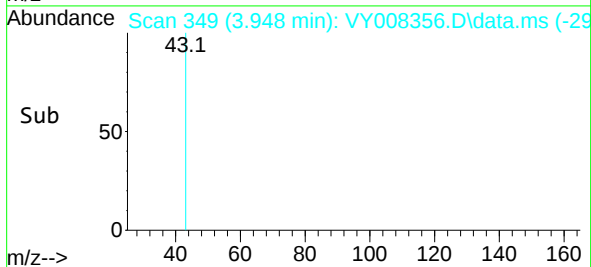
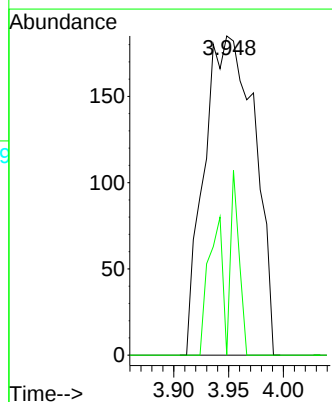
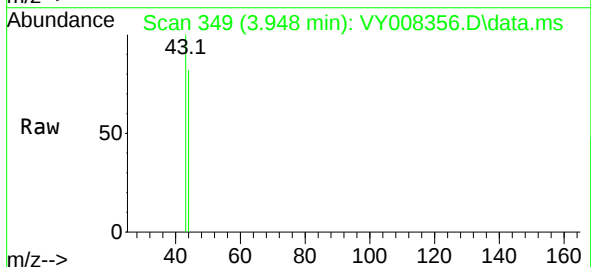
Instrument :
MSVOA_Y
ClientSampleId :
SB-2105

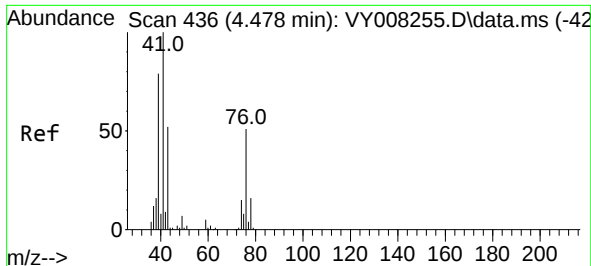
Tgt Ion: 94 Resp: 191
Ion Ratio Lower Upper
94 100
96 91.5 73.5 110.3



#16
Acetone
Concen: 2.622 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY008356.D
Acq: 15 Apr 2022 17:12

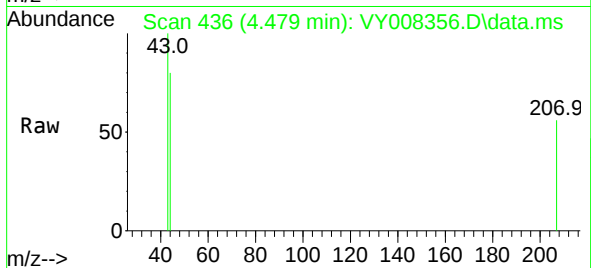
Tgt Ion: 43 Resp: 591
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



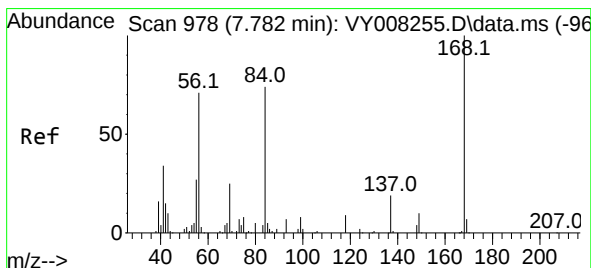
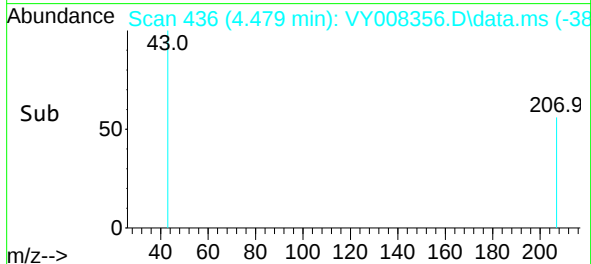
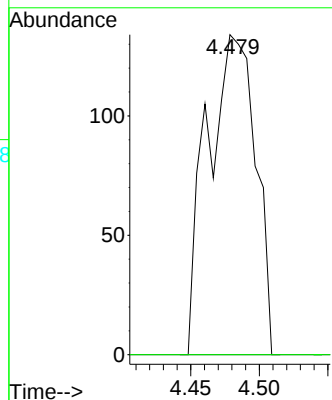


#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 41
Delta R.T. 0.001 min
Lab File: VY008356.D
Acq: 15 Apr 2022 17:12

Instrument :
MSVOA_Y
ClientSampleId :
SB-2105

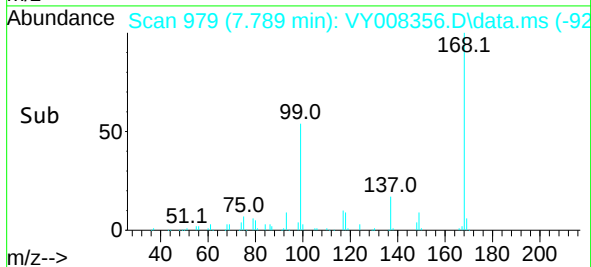
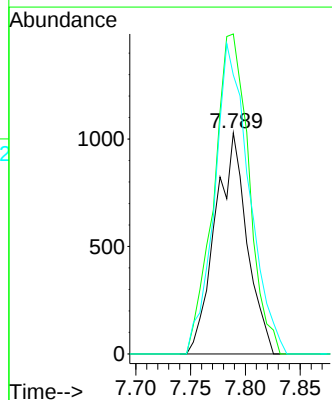
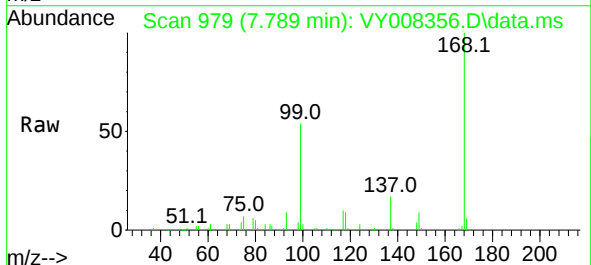


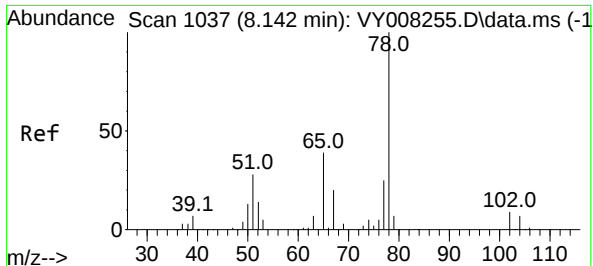
Tgt Ion: 43 Resp: 329
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#31
Cyclohexane
Concen: 1.222 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.007 min
Lab File: VY008356.D
Acq: 15 Apr 2022 17:12

Tgt Ion: 56 Resp: 2071
Ion Ratio Lower Upper
56 100
69 144.7 26.7 40.1#
84 126.1 67.2 100.8#

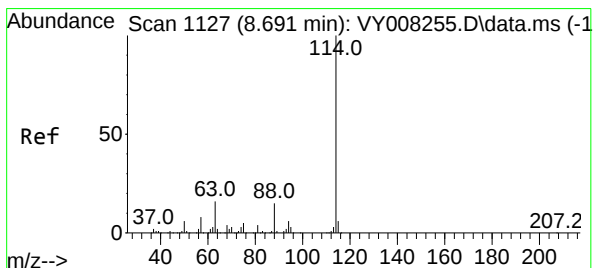
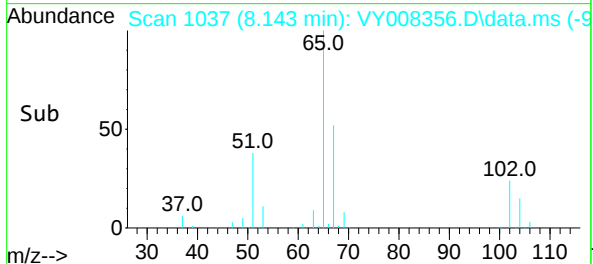
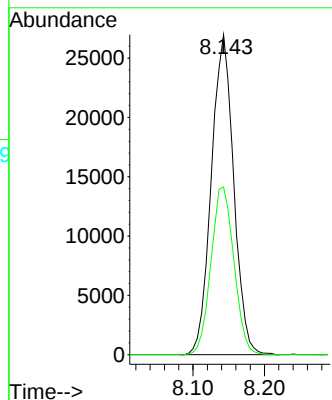
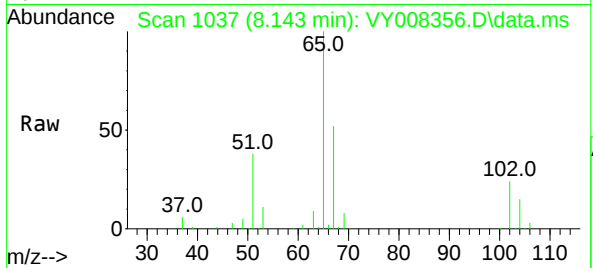




#33
 1,2-Dichloroethane-d4
 Concen: 62.480 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.001 min
 Lab File: VY008356.D
 Acq: 15 Apr 2022 17:12

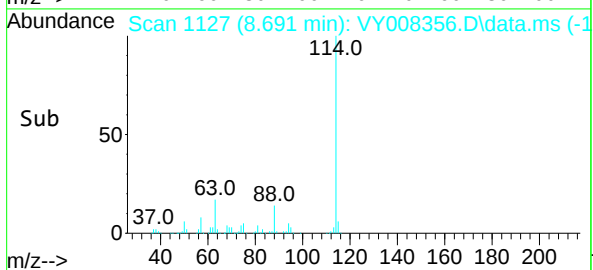
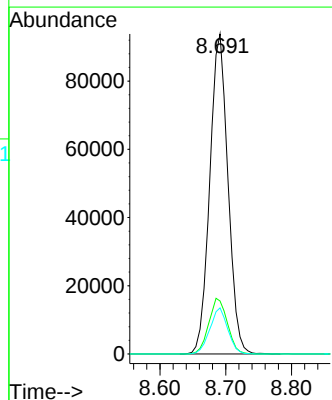
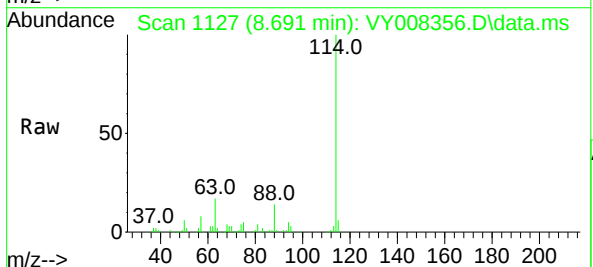
Instrument :
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 ClientSampleId :
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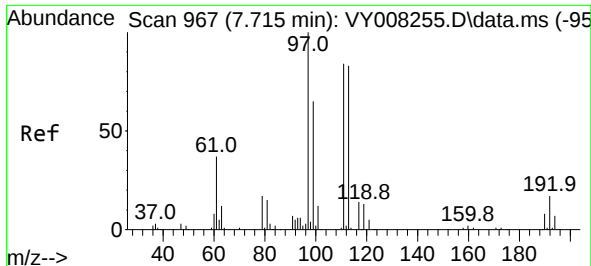
Tgt Ion: 65 Resp: 58545
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY008356.D
 Acq: 15 Apr 2022 17:12

Tgt Ion: 114 Resp: 180153
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 43.2
 88 14.4 0.0 31.8

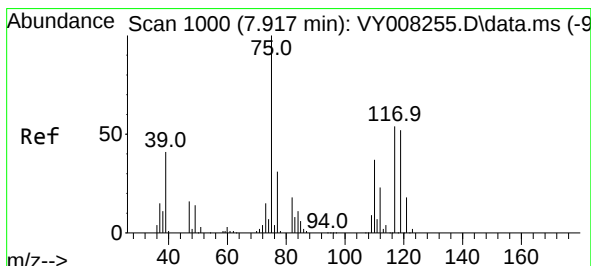
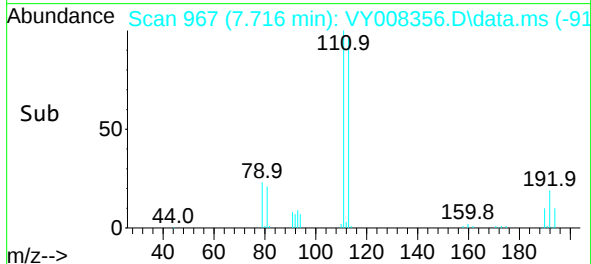
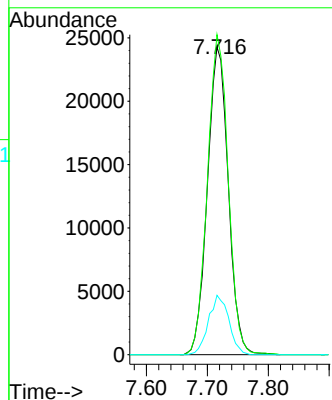
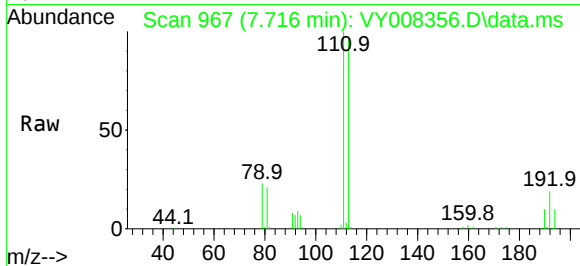




#35
Dibromofluoromethane
Concen: 55.605 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.001 min
Lab File: VY008356.D
Acq: 15 Apr 2022 17:12

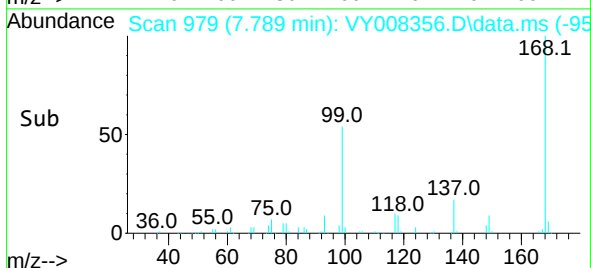
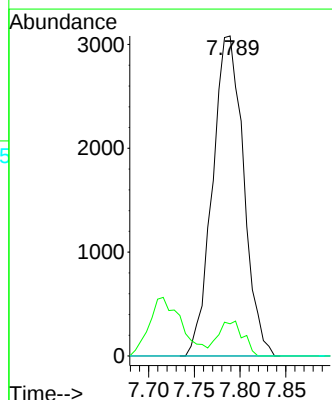
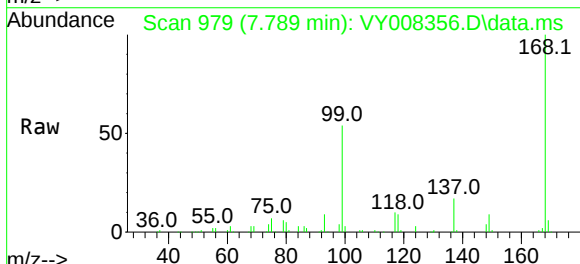
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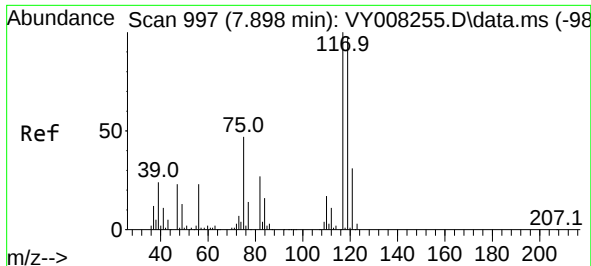
Tgt Ion:113 Resp: 57859
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 18.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.384 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008356.D
Acq: 15 Apr 2022 17:12

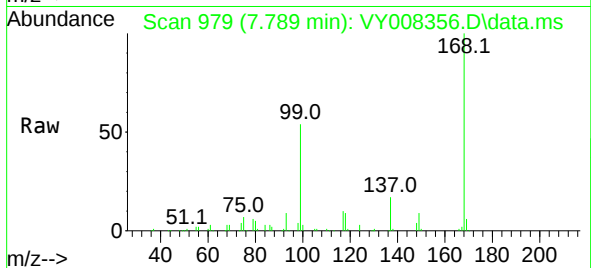
Tgt Ion: 75 Resp: 7285
Ion Ratio Lower Upper
75 100
110 8.8 17.1 51.2#
77 0.0 24.4 36.6#



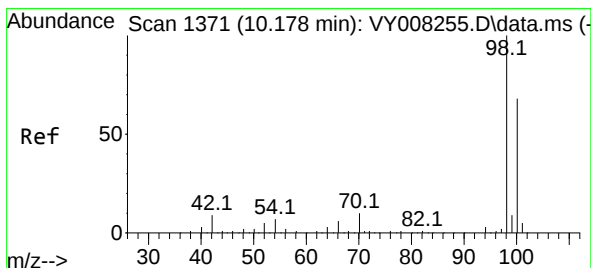
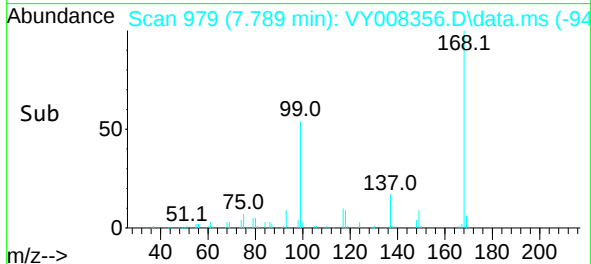
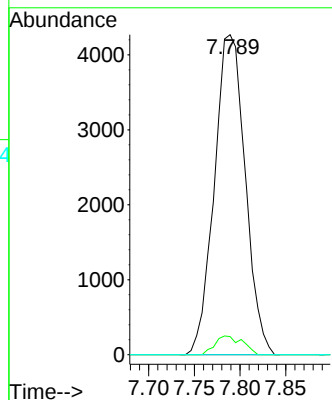


#38
Carbon Tetrachloride
Concen: 5.615 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY008356.D
Acq: 15 Apr 2022 17:12

Instrument :
MSVOA_Y
ClientSampleId :
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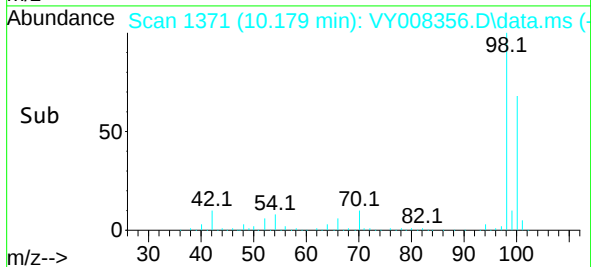
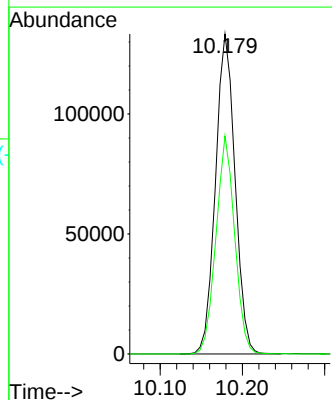
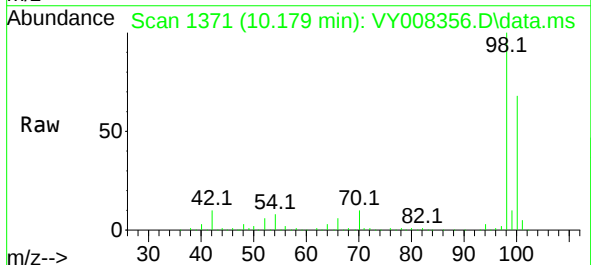


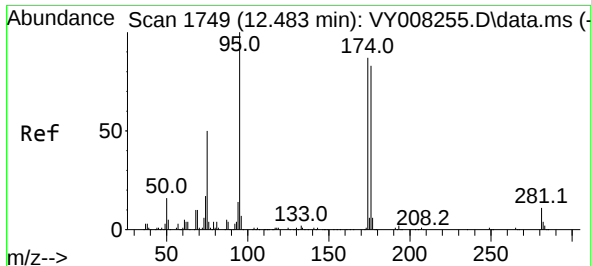
Tgt Ion:117 Resp: 10037
Ion Ratio Lower Upper
117 100
119 5.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 61.952 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY008356.D
Acq: 15 Apr 2022 17:12

Tgt Ion: 98 Resp: 220580
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2

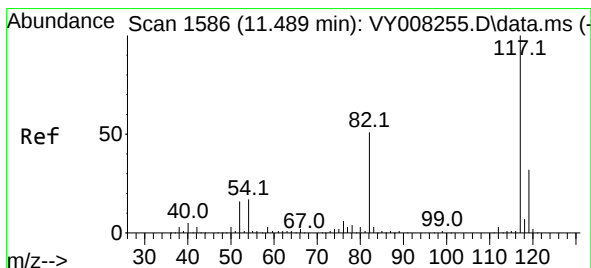
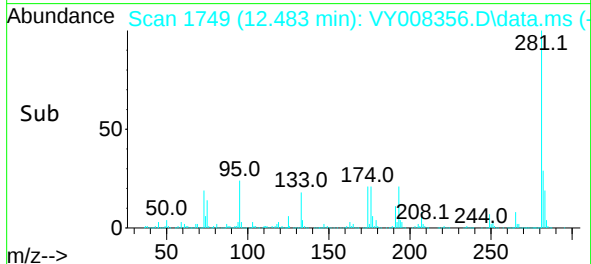
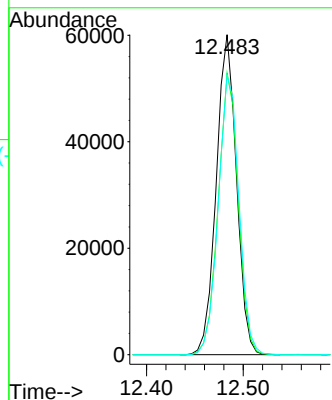
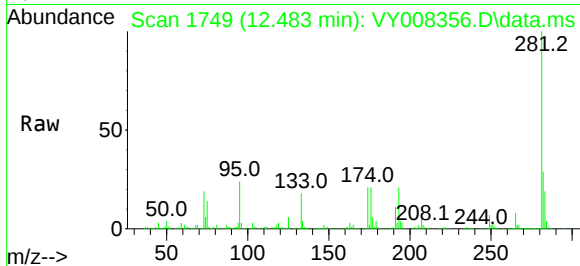




#62
4-Bromofluorobenzene
Concen: 65.129 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008356.D
Acq: 15 Apr 2022 17:12

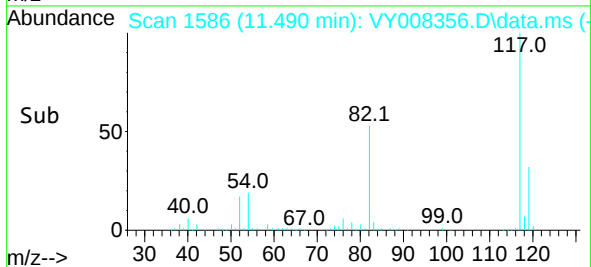
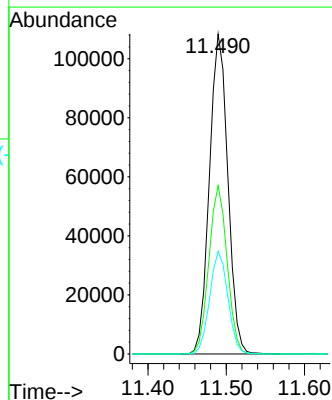
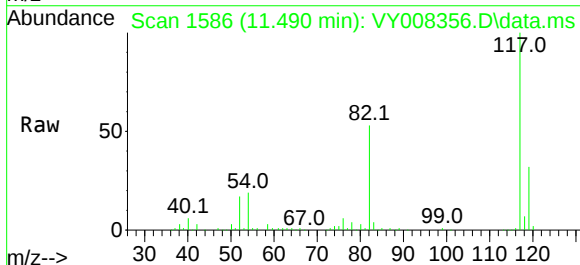
Instrument :
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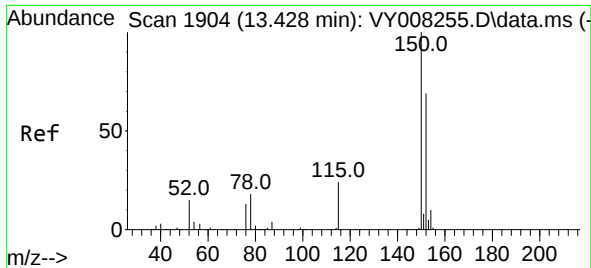
Tgt Ion: 95 Resp: 87220
Ion Ratio Lower Upper
95 100
174 87.6 0.0 177.0
176 89.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008356.D
Acq: 15 Apr 2022 17:12

Tgt Ion: 117 Resp: 176715
Ion Ratio Lower Upper
117 100
82 52.6 43.0 64.4
119 32.1 25.4 38.0

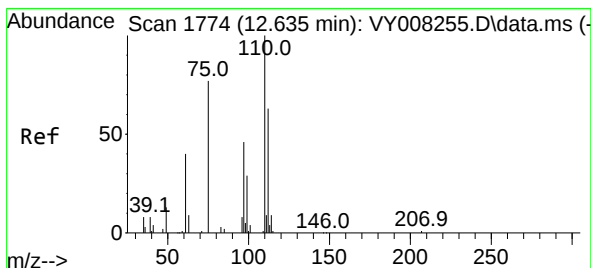
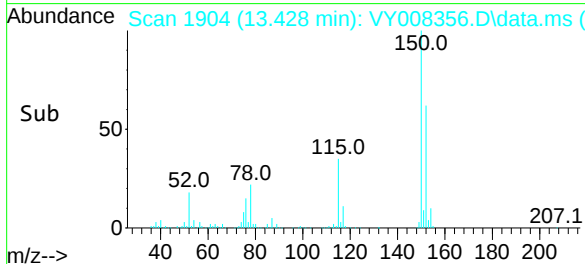
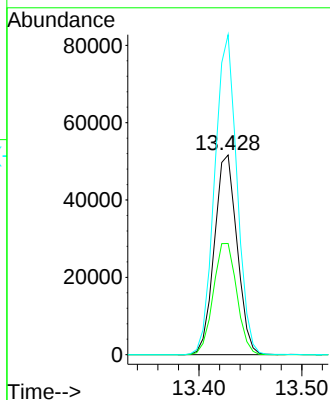
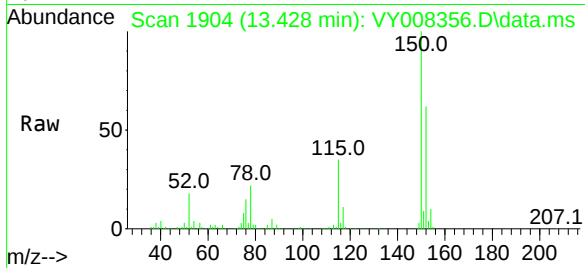




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008356.D
 Acq: 15 Apr 2022 17:12

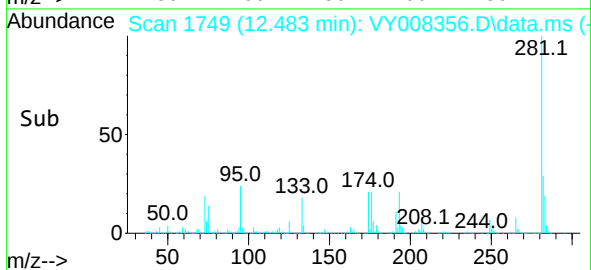
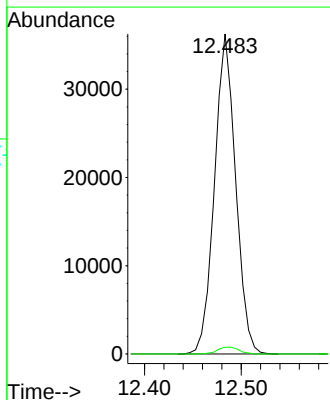
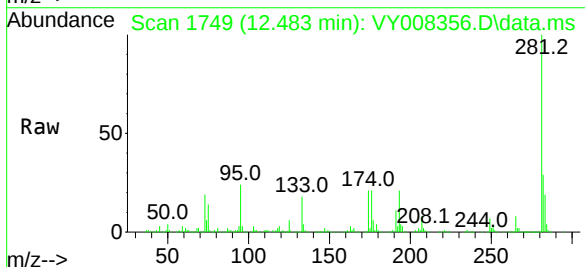
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2105

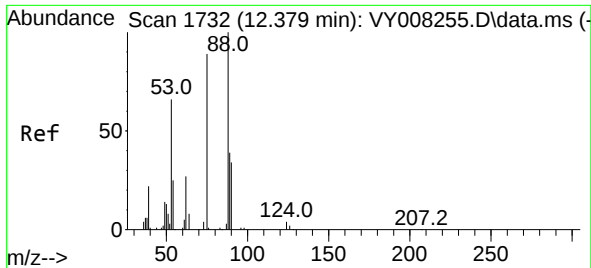
Tgt Ion:152 Resp: 79283
 Ion Ratio Lower Upper
 152 100
 115 57.5 28.2 84.7
 150 157.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 62.607 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY008356.D
 Acq: 15 Apr 2022 17:12

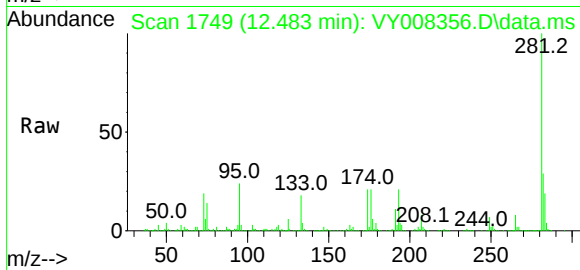
Tgt Ion: 75 Resp: 54897
 Ion Ratio Lower Upper
 75 100
 77 2.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 140.081 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008356.D
 Acq: 15 Apr 2022 17:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2105



Tgt Ion: 75 Resp: 54897
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 7.1 37.0 55.4#

