

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041522\
 Data File : VY008354.D
 Acq On : 15 Apr 2022 16:26
 Operator : KP/MD
 Sample : N2432-01
 Misc : 7.45g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5115

Quant Time: Apr 16 04:59:25 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)

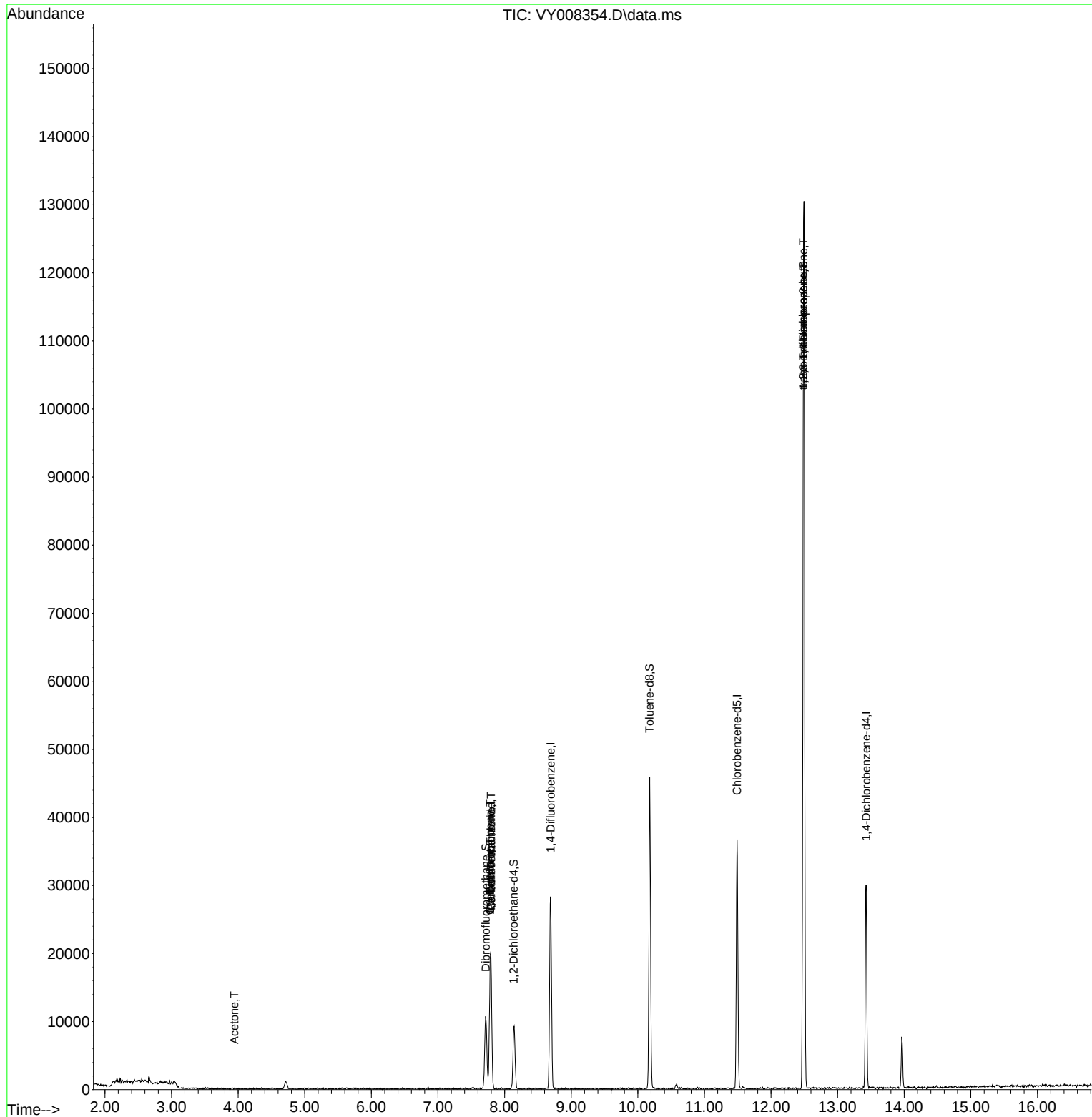
Internal Standards						
1) Pentafluorobenzene	7.795	168	17049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	26280	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	20813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7971	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	7131	44.528	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.060%
35) Dibromofluoromethane	7.716	113	7579	49.931	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.860%
50) Toluene-d8	10.179	98	29857	57.485	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	114.960%
62) 4-Bromofluorobenzene	12.483	95	8156	41.750	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.500%
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	56	Below Cal	#	44
5) Bromomethane	2.656	94	181	Below Cal	#	58
16) Acetone	3.942	43	56	1.454	ug/l #	47
20) Methylene Chloride	4.716	84	825	Below Cal	#	60
31) Cyclohexane	7.783	56	369	1.274	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	1392	5.743	ug/l #	46
38) Carbon Tetrachloride	7.795	117	1631	6.255	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	5421	61.492	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	5421	137.587	ug/l #	11

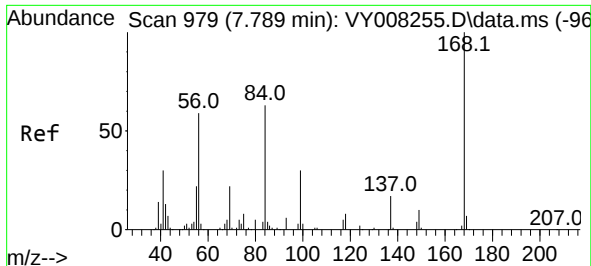
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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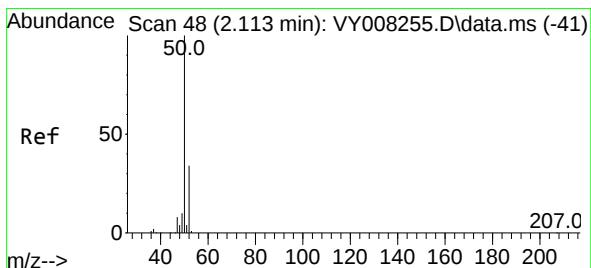
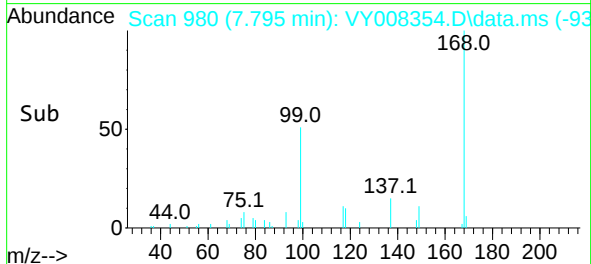
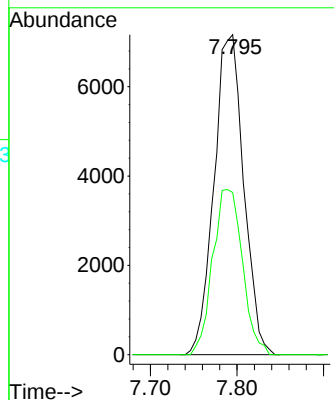
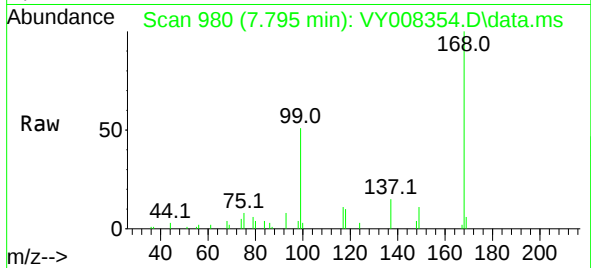




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008354.D
Acq: 15 Apr 2022 16:26

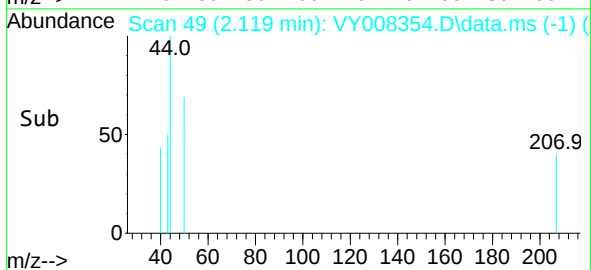
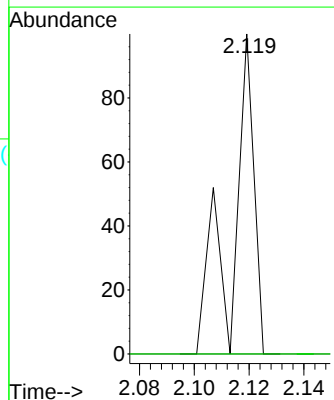
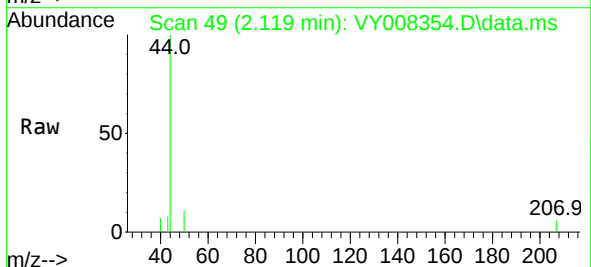
Instrument :
MSVOA_Y
ClientSampleId :
SB-5115

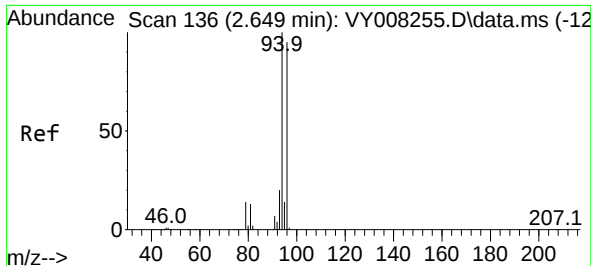
Tgt Ion:168 Resp: 17049
Ion Ratio Lower Upper
168 100
99 50.7 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY008354.D
Acq: 15 Apr 2022 16:26

Tgt Ion: 50 Resp: 56
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

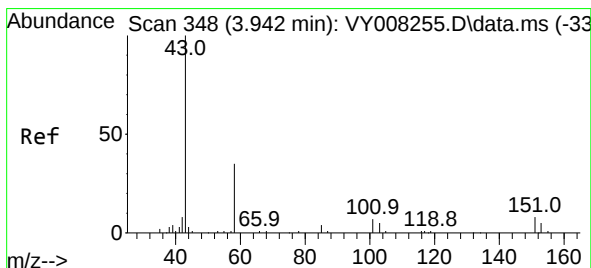
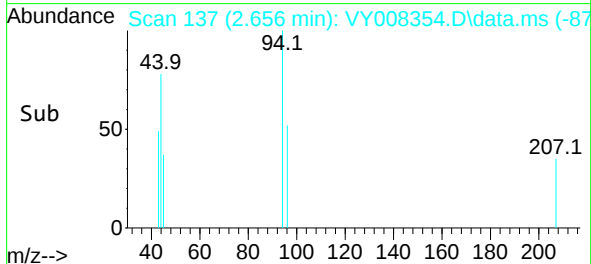
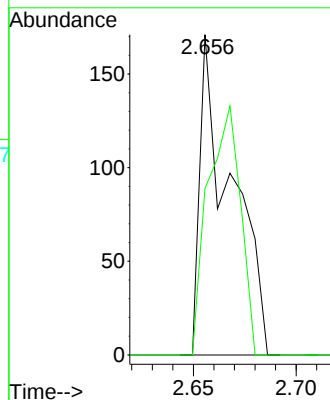
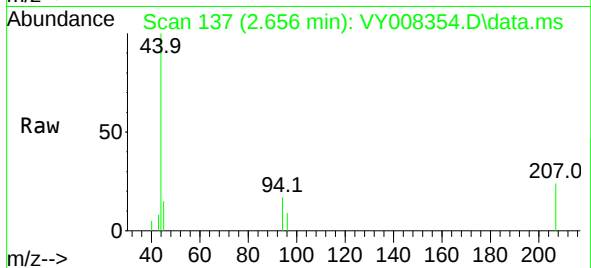




#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY008354.D
Acq: 15 Apr 2022 16:26

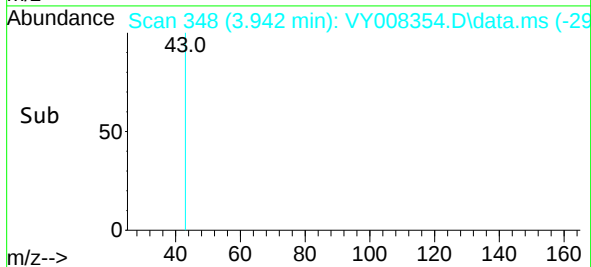
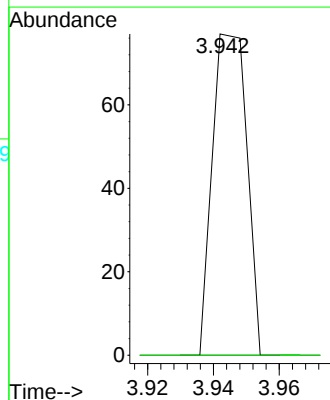
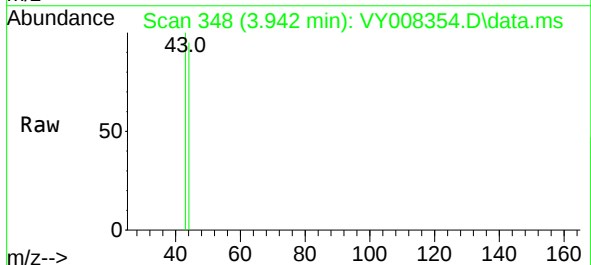
Instrument :
MSVOA_Y
ClientSampleId :
SB-5115

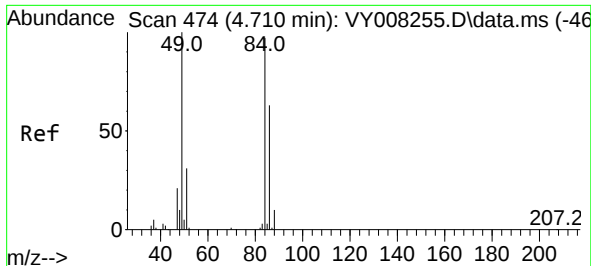
Tgt Ion: 94 Resp: 181
Ion Ratio Lower Upper
94 100
96 52.0 73.5 110.3#



#16
Acetone
Concen: 1.454 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY008354.D
Acq: 15 Apr 2022 16:26

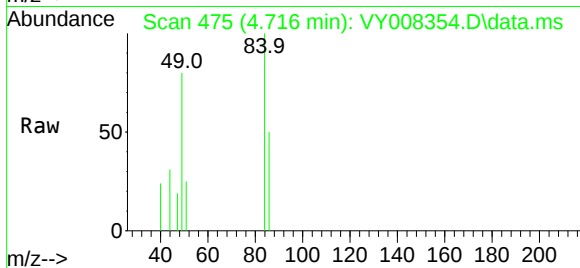
Tgt Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



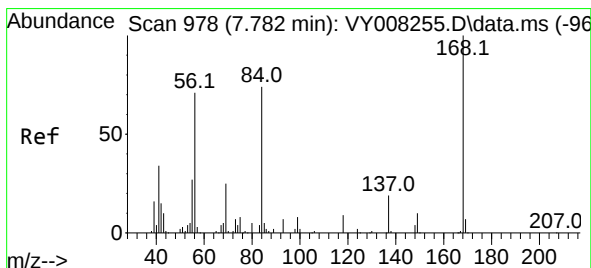
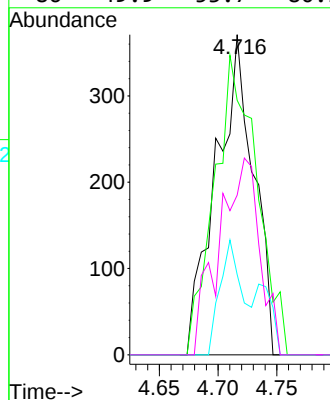
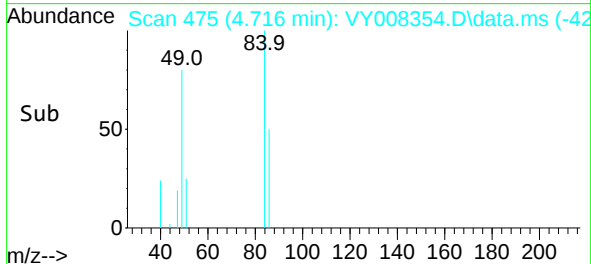


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY008354.D
Acq: 15 Apr 2022 16:26

Instrument :
MSVOA_Y
ClientSampleId :
SB-5115

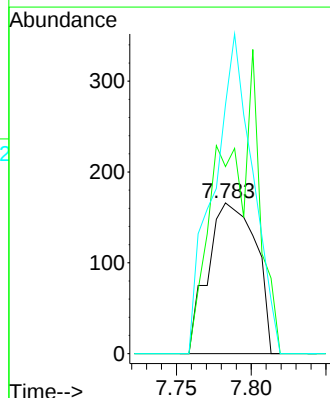
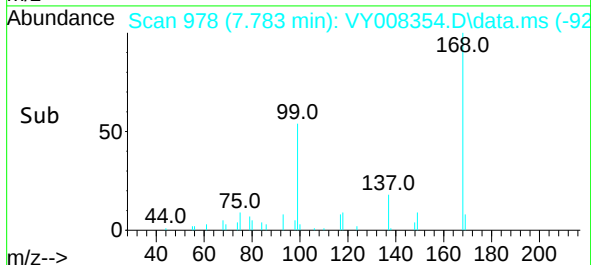
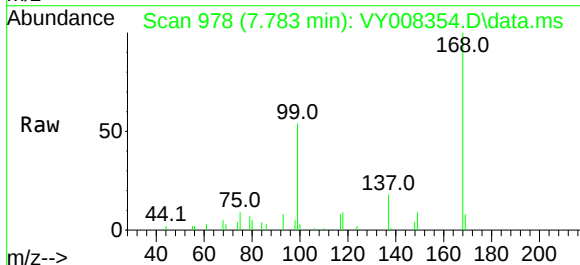


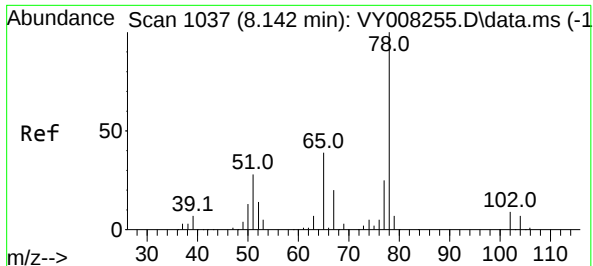
Tgt Ion: 84 Resp: 825
Ion Ratio Lower Upper
84 100
49 79.5 114.4 171.6#
51 25.1 35.3 52.9#
86 49.9 53.7 80.5#



#31
Cyclohexane
Concen: 1.274 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.001 min
Lab File: VY008354.D
Acq: 15 Apr 2022 16:26

Tgt Ion: 56 Resp: 369
Ion Ratio Lower Upper
56 100
69 124.1 26.7 40.1#
84 165.1 67.2 100.8#

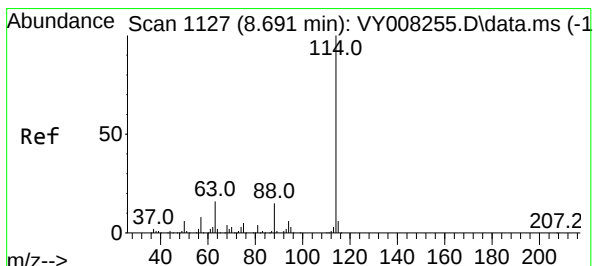
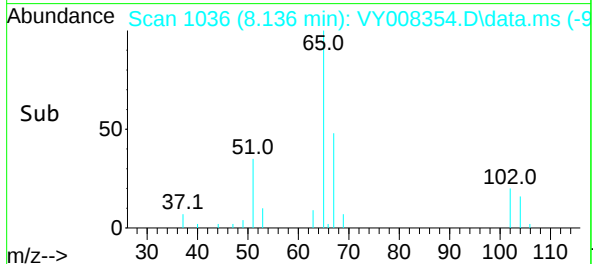
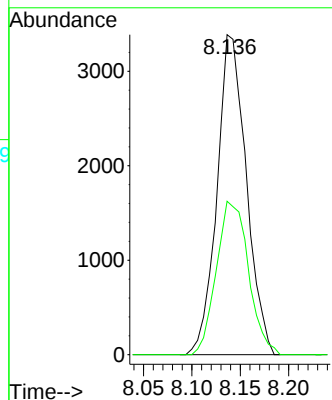
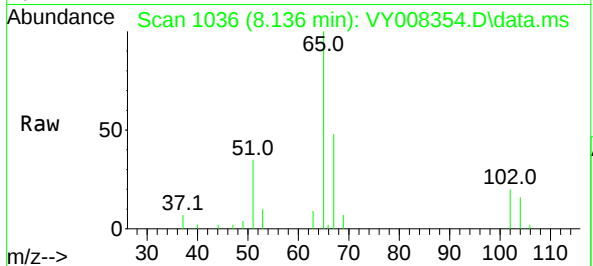




#33
1,2-Dichloroethane-d4
Concen: 44.528 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008354.D
Acq: 15 Apr 2022 16:26

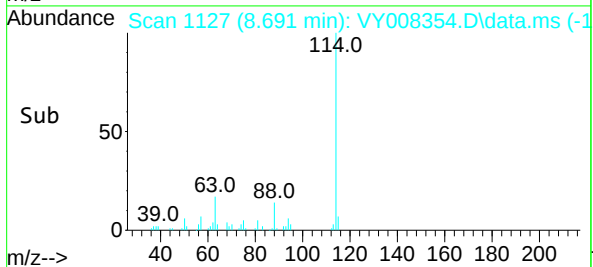
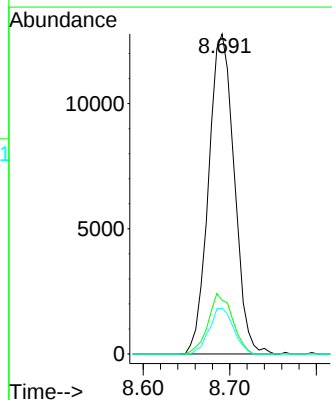
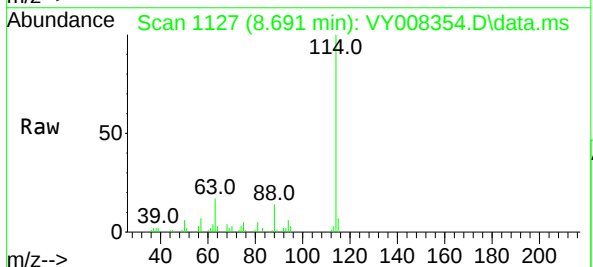
Instrument :
MSVOA_Y
ClientSampleId :
SB-5115

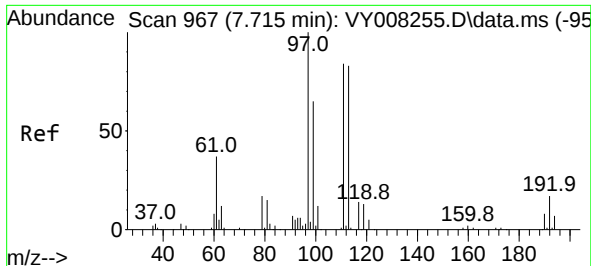
Tgt Ion: 65 Resp: 7131
Ion Ratio Lower Upper
65 100
67 52.5 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008354.D
Acq: 15 Apr 2022 16:26

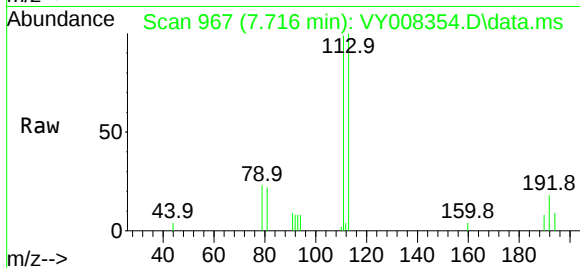
Tgt Ion: 114 Resp: 26280
Ion Ratio Lower Upper
114 100
63 16.9 0.0 43.2
88 14.3 0.0 31.8



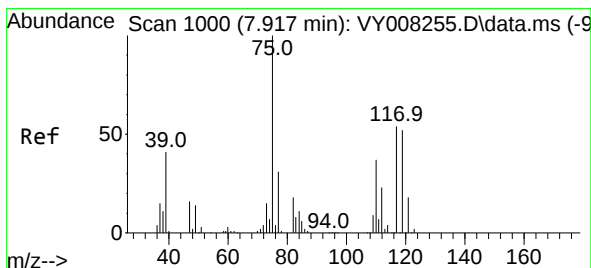
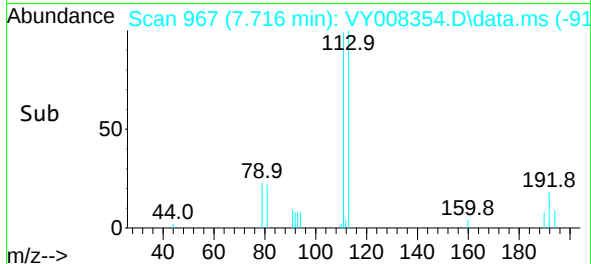
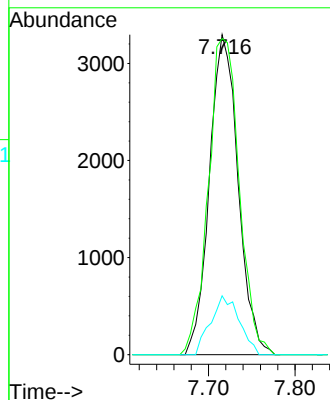


#35
Dibromofluoromethane
Concen: 49.931 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.001 min
Lab File: VY008354.D
Acq: 15 Apr 2022 16:26

Instrument :
MSVOA_Y
ClientSampleId :
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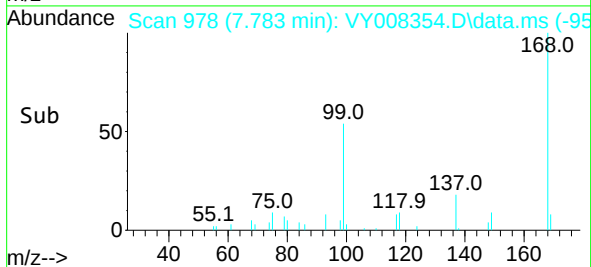
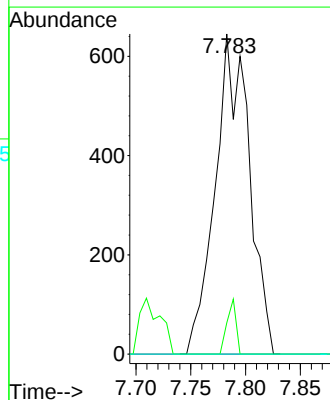
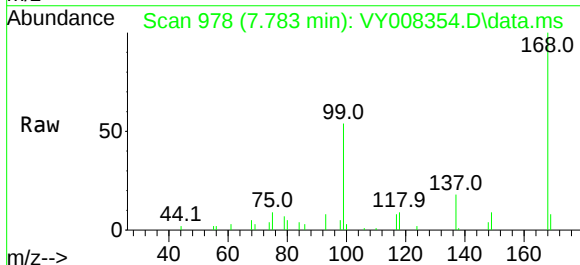


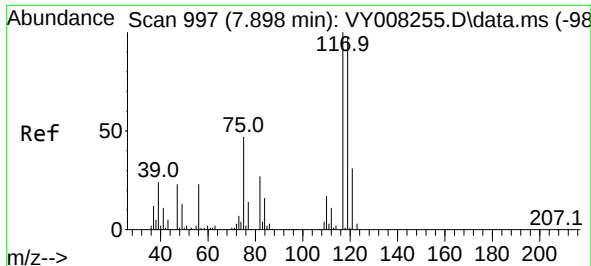
Tgt Ion:113 Resp: 7579
Ion Ratio Lower Upper
113 100
111 106.4 82.6 124.0
192 18.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.743 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY008354.D
Acq: 15 Apr 2022 16:26

Tgt Ion: 75 Resp: 1392
Ion Ratio Lower Upper
75 100
110 4.6 17.1 51.2#
77 0.0 24.4 36.6#

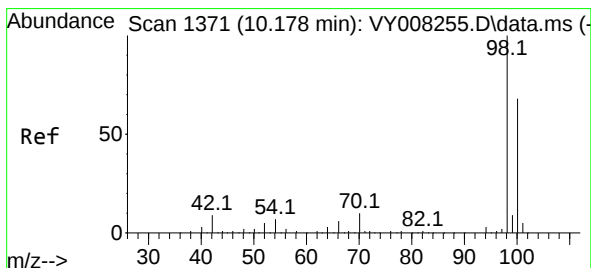
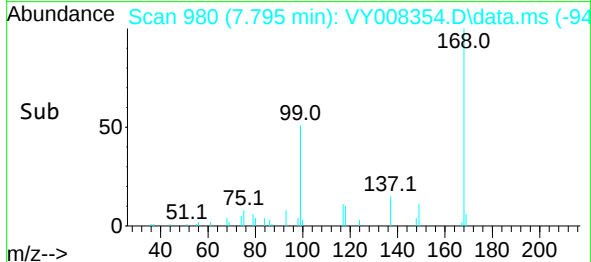
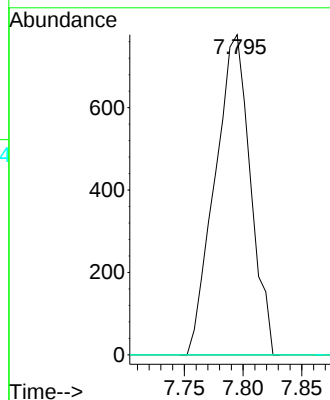
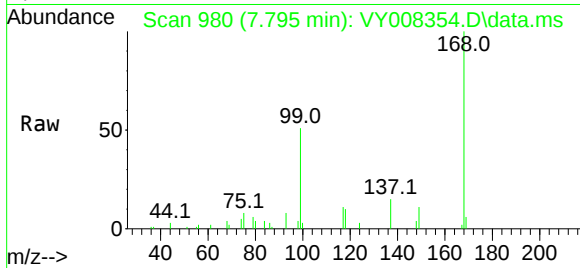




#38
Carbon Tetrachloride
Concen: 6.255 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY008354.D
Acq: 15 Apr 2022 16:26

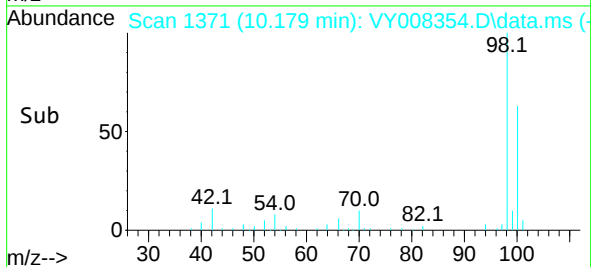
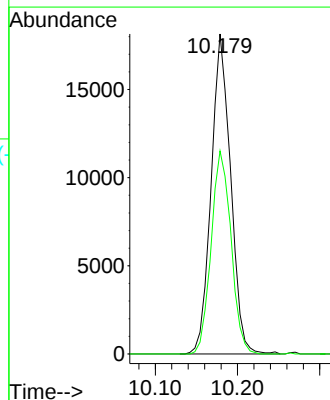
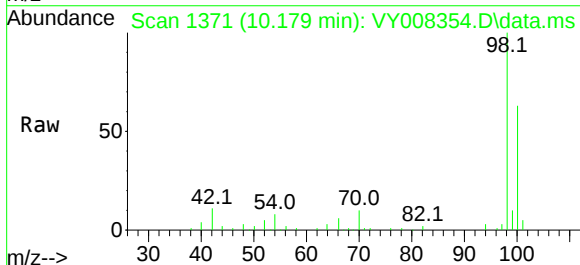
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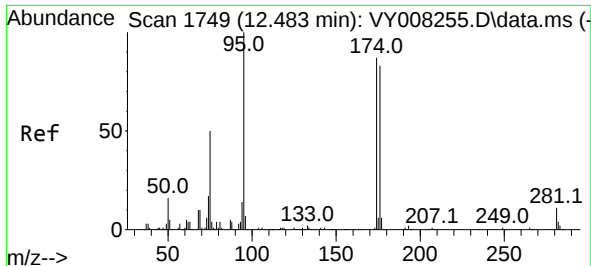
Tgt Ion:117 Resp: 1631
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 57.485 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY008354.D
Acq: 15 Apr 2022 16:26

Tgt Ion: 98 Resp: 29857
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

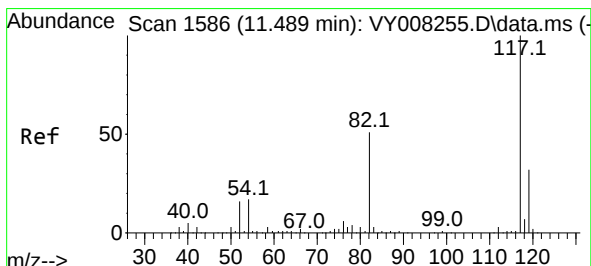
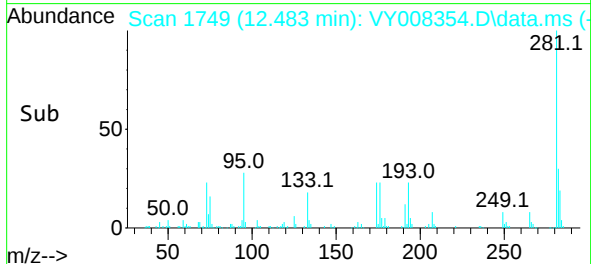
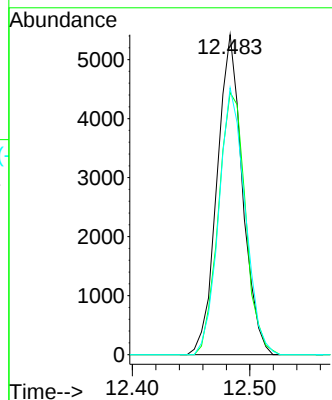
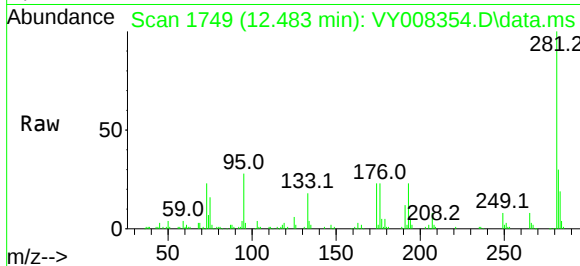




#62
4-Bromofluorobenzene
Concen: 41.750 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008354.D
Acq: 15 Apr 2022 16:26

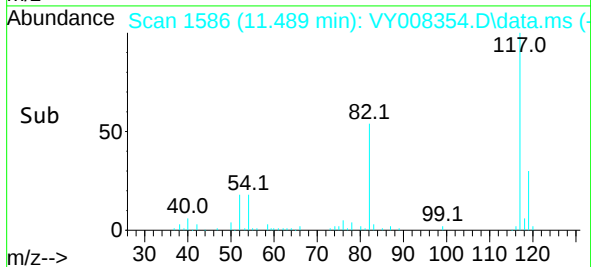
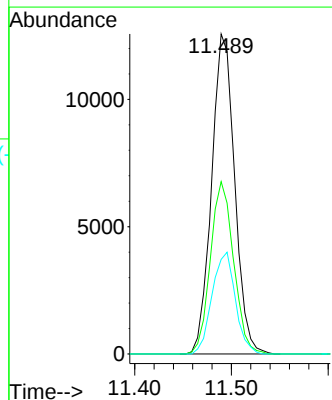
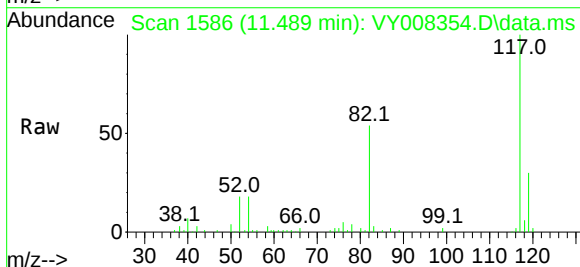
Instrument :
MSVOA_Y
ClientSampleId :
SB-5115

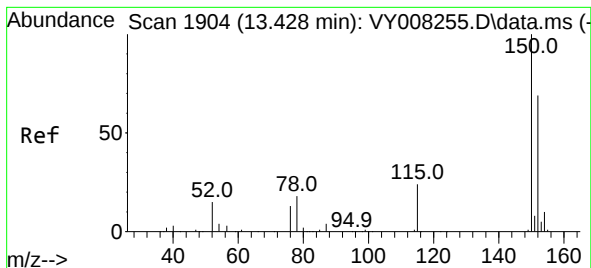
Tgt Ion: 95 Resp: 8156
Ion Ratio Lower Upper
95 100
174 87.0 0.0 177.0
176 86.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008354.D
Acq: 15 Apr 2022 16:26

Tgt Ion: 117 Resp: 20813
Ion Ratio Lower Upper
117 100
82 53.9 43.0 64.4
119 29.5 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: VY008354.D

Acq: 15 Apr 2022 16:26

Instrument :

MSVOA_Y

ClientSampleId :

SB-5115

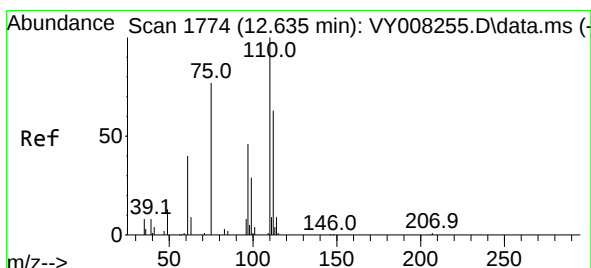
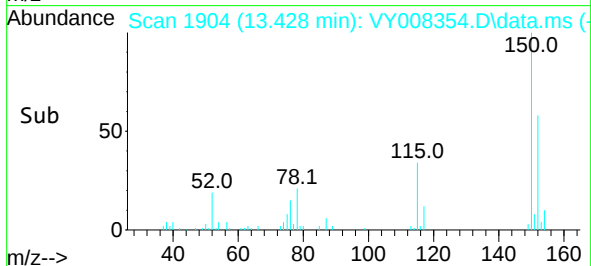
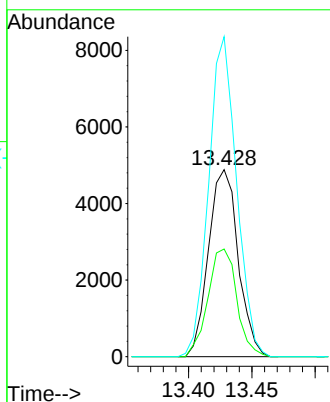
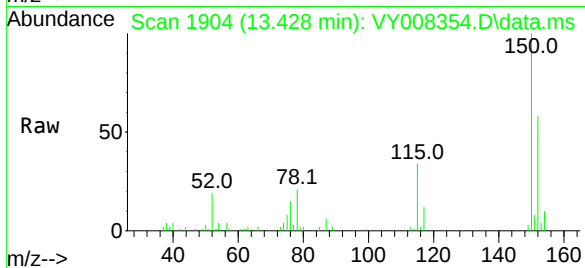
Tgt Ion:152 Resp: 7971

Ion Ratio Lower Upper

152 100

115 56.0 28.2 84.7

150 160.8 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 61.492 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY008354.D

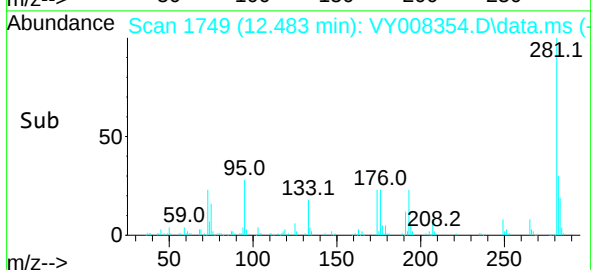
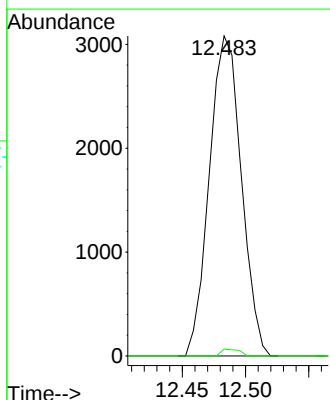
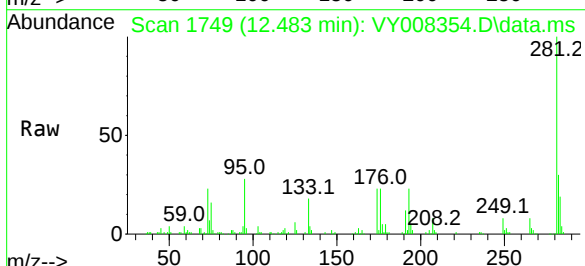
Acq: 15 Apr 2022 16:26

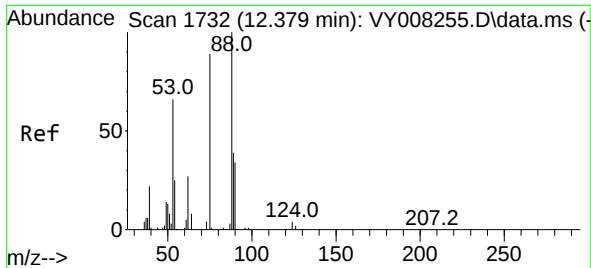
Tgt Ion: 75 Resp: 5421

Ion Ratio Lower Upper

75 100

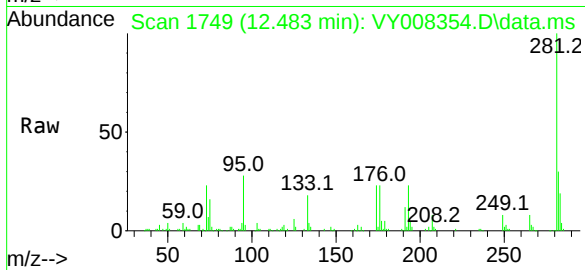
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 137.587 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008354.D
 Acq: 15 Apr 2022 16:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5115



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	7.4	37.0	55.4#

