

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111523\
 Data File : VY016358.D
 Acq On : 15 Nov 2023 12:03
 Operator : SY/MD
 Sample : 05408-01
 Misc : 4.17g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 16 00:02:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

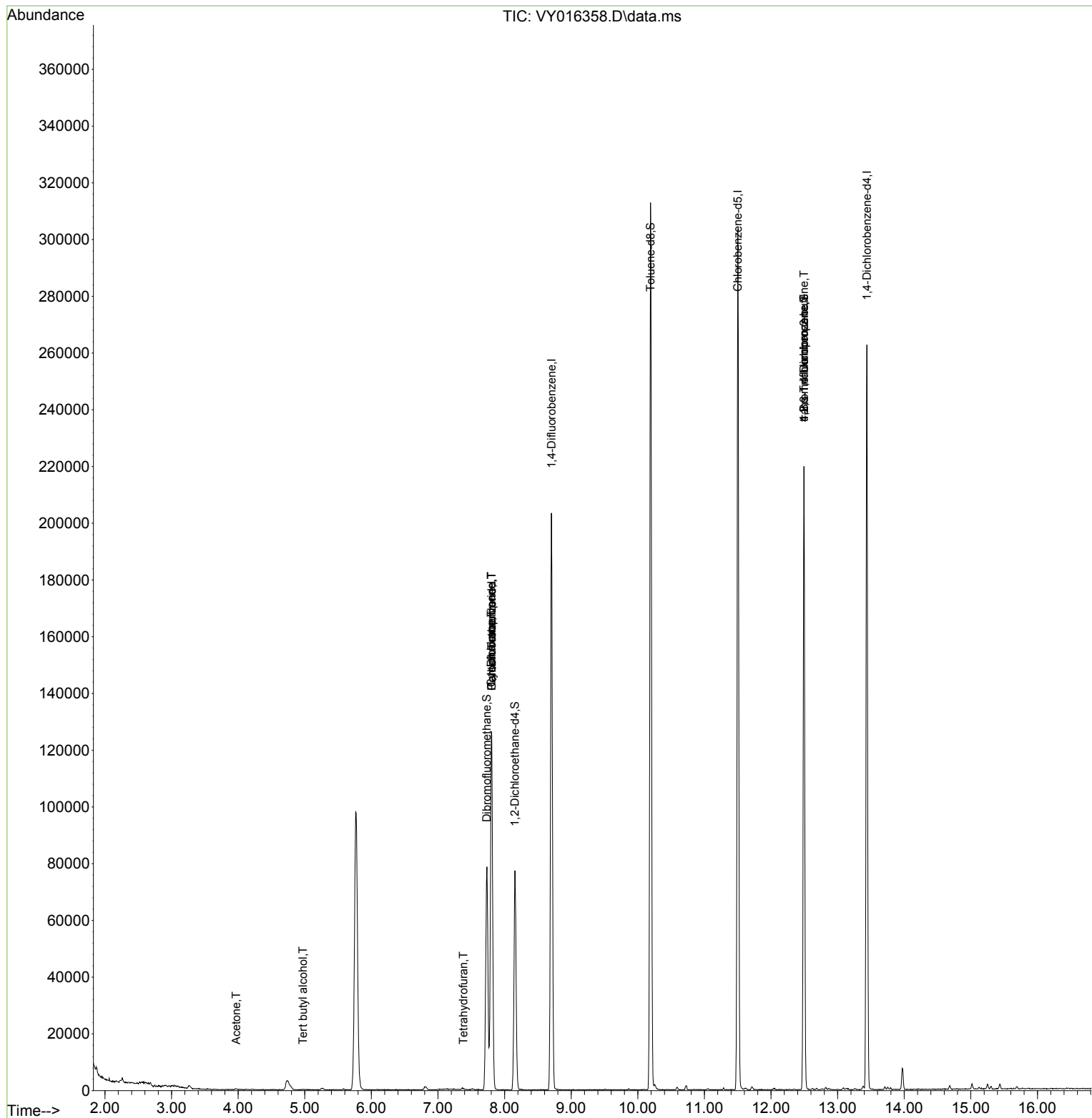
Internal Standards						
1) Pentafluorobenzene	7.807	168	100661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	177053	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	166369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	70018	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	59463	64.634	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.260%	
35) Dibromofluoromethane	7.734	113	56400	56.076	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.160%	
50) Toluene-d8	10.191	98	209151	51.280	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.560%	
62) 4-Bromofluorobenzene	12.495	95	67523	50.973	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.940%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	236	3.276	ug/l #	89
16) Acetone	3.972	43	570	3.746	ug/l	90
20) Methylene Chloride	4.728	84	2716	Below Cal	#	84
29) Tetrahydrofuran	7.380	42	346	1.964	ug/l #	54
31) Cyclohexane	7.801	56	2015	1.112	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	7554	4.325	ug/l #	50
38) Carbon Tetrachloride	7.807	117	9982	5.507	ug/l #	18
76) 1,2,3-Trichloropropane	12.495	75	34703	51.666	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	34703	112.146	ug/l #	10

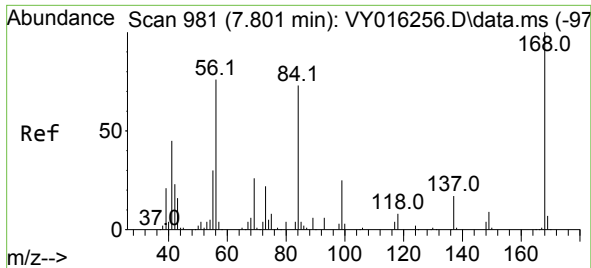
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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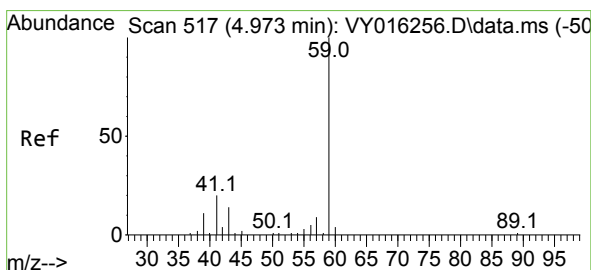
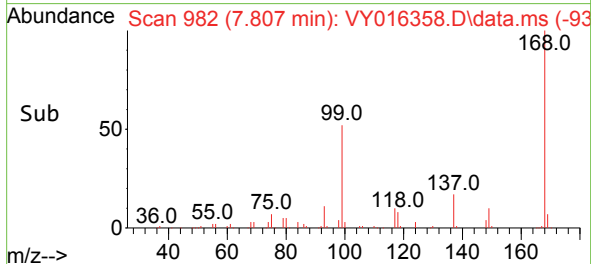
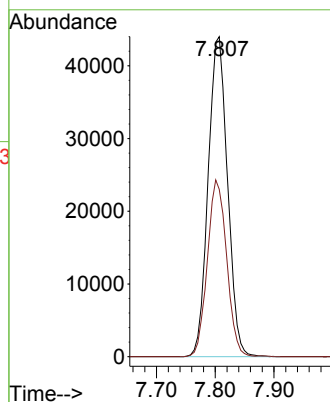
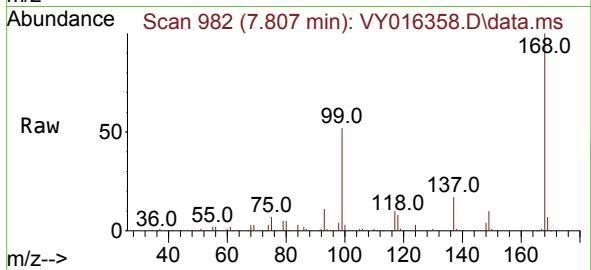




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016358.D
Acq: 15 Nov 2023 12:03

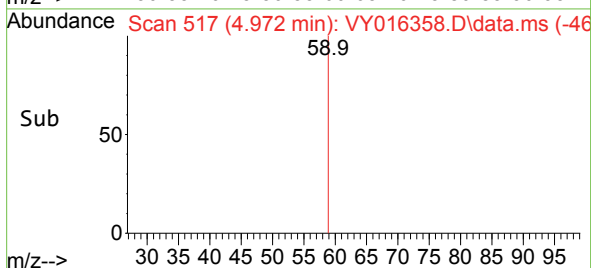
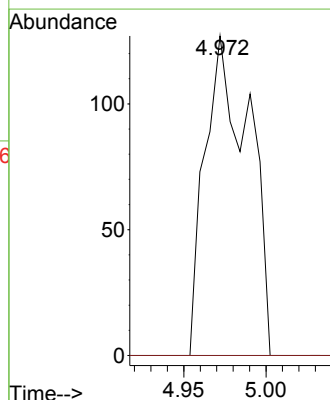
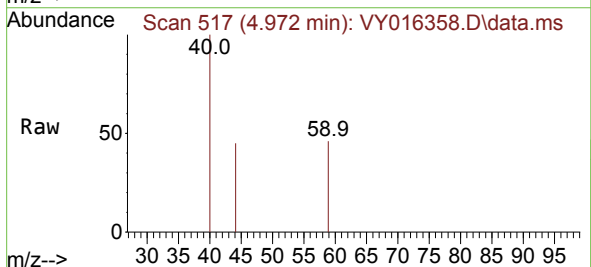
Instrument :
MSVOA_Y
ClientSampleId :

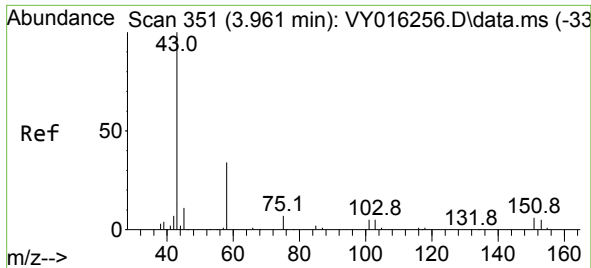
Tgt Ion:168 Resp: 100661
Ion Ratio Lower Upper
168 100
99 52.3 43.4 65.0



#11
Tert butyl alcohol
Concen: 3.276 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.001 min
Lab File: VY016358.D
Acq: 15 Nov 2023 12:03

Tgt Ion: 59 Resp: 236
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

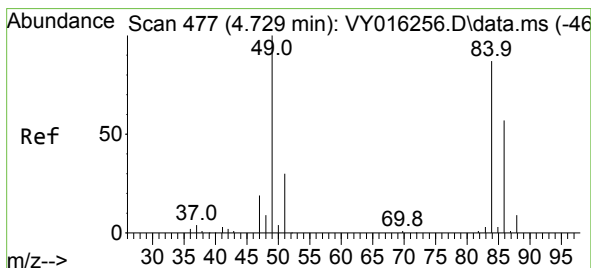
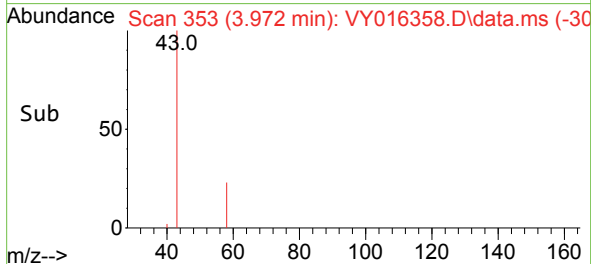
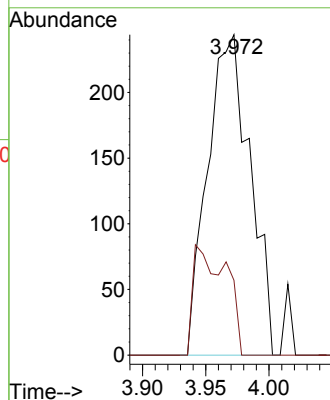
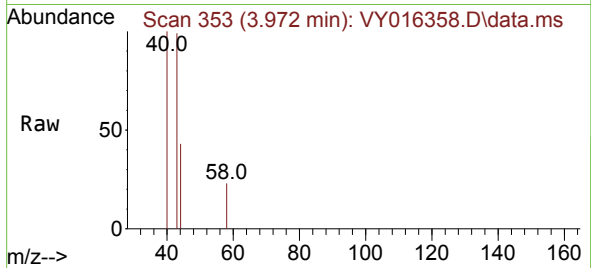




#16
Acetone
Concen: 3.746 ug/l
RT: 3.972 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY016358.D
Acq: 15 Nov 2023 12:03

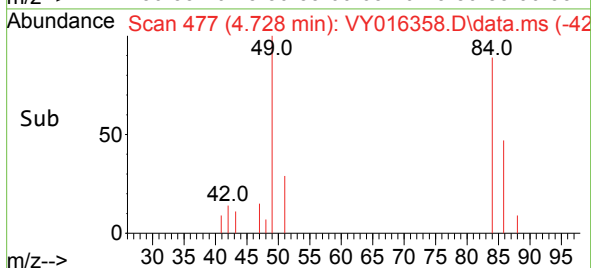
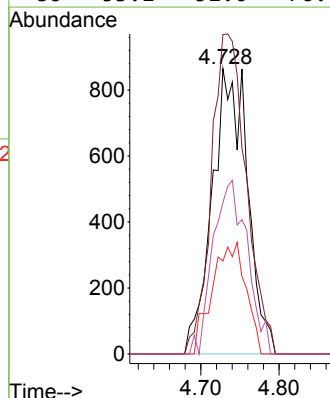
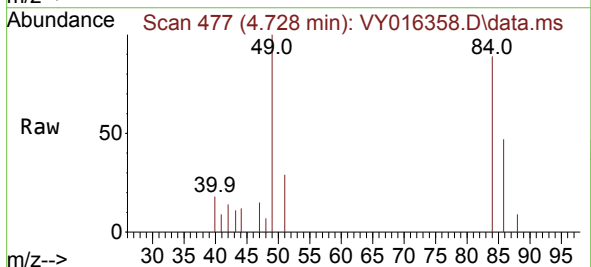
Instrument :
MSVOA_Y
ClientSampleId :

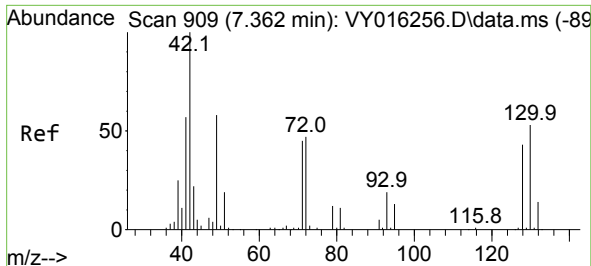
Tgt Ion: 43 Resp: 570
Ion Ratio Lower Upper
43 100
58 23.4 22.7 34.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY016358.D
Acq: 15 Nov 2023 12:03

Tgt Ion: 84 Resp: 2716
Ion Ratio Lower Upper
84 100
49 111.9 106.9 160.3
51 32.6 33.2 49.8#
86 53.1 51.0 76.6





#29

Tetrahydrofuran

Concen: 1.964 ug/l

RT: 7.380 min Scan# 912

Delta R.T. 0.018 min

Lab File: VY016358.D

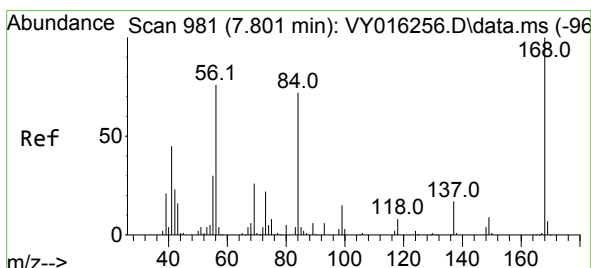
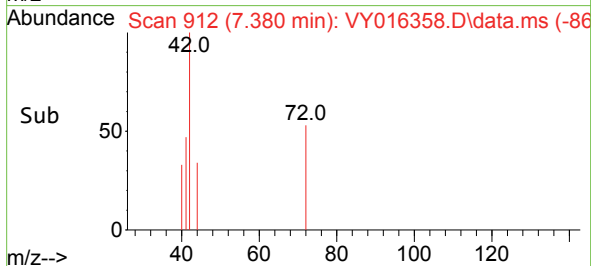
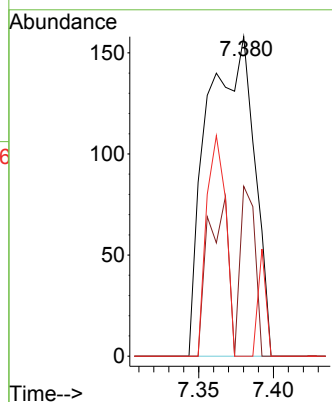
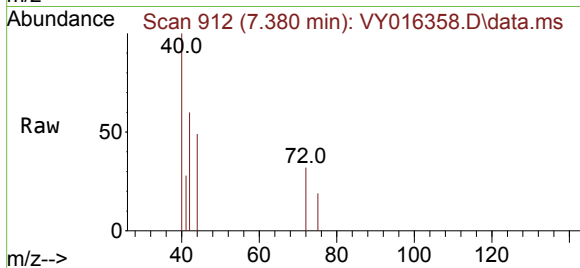
Acq: 15 Nov 2023 12:03

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	346
Ion	Ratio	Lower	Upper
42	100		
72	16.8	32.8	49.2#
71	5.5	31.0	46.4#



#31

Cyclohexane

Concen: 1.112 ug/l

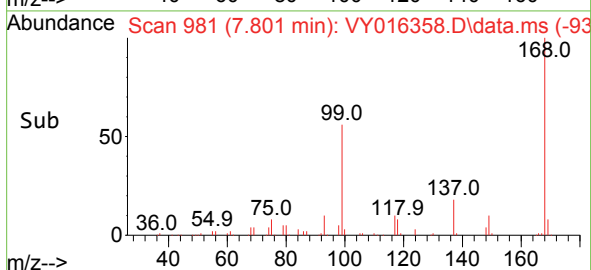
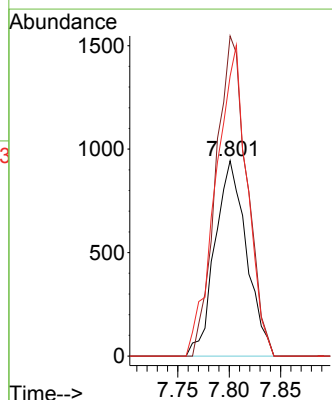
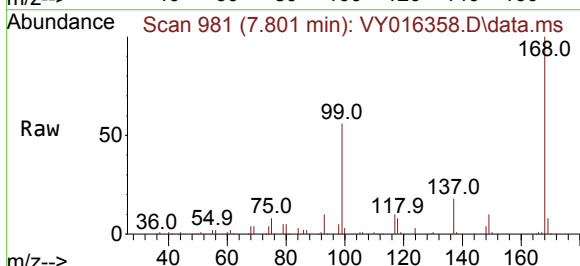
RT: 7.801 min Scan# 981

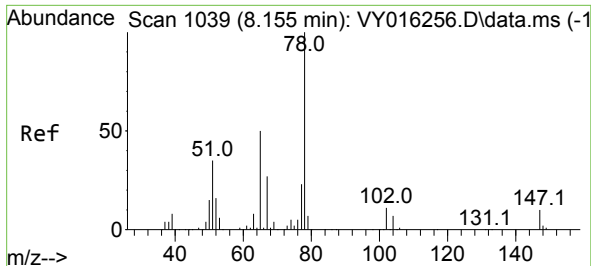
Delta R.T. -0.001 min

Lab File: VY016358.D

Acq: 15 Nov 2023 12:03

Tgt Ion:	56	Resp:	2015
Ion	Ratio	Lower	Upper
56	100		
69	163.9	27.8	41.6#
84	143.3	66.4	99.6#

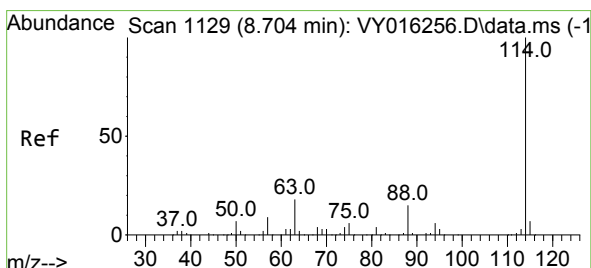
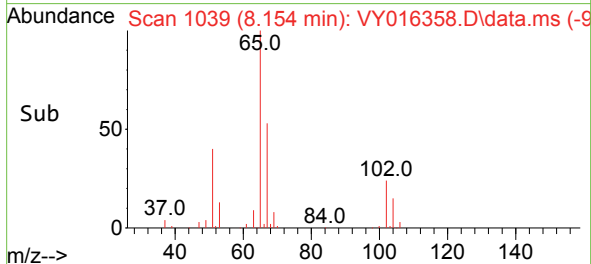
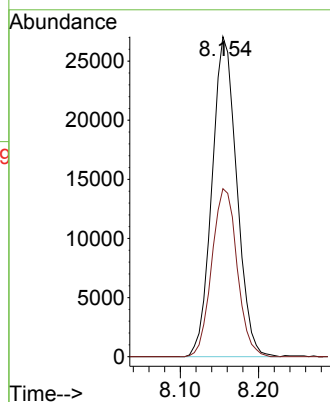
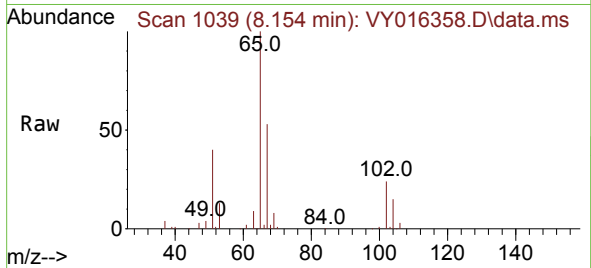




#33
 1,2-Dichloroethane-d4
 Concen: 64.634 ug/l
 RT: 8.154 min Scan# 1039
 Delta R.T. -0.001 min
 Lab File: VY016358.D
 Acq: 15 Nov 2023 12:03

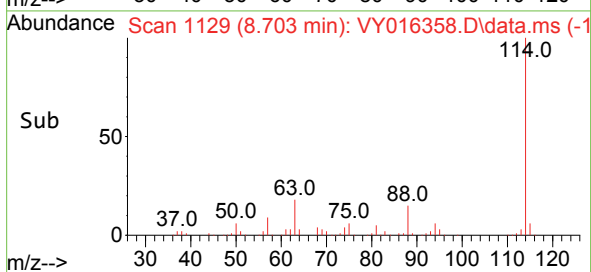
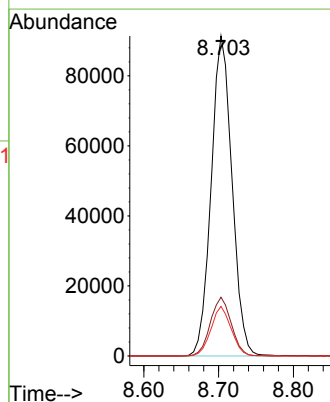
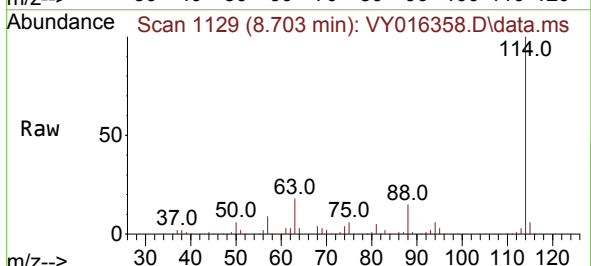
Instrument :
 MSVOA_Y
 ClientSampleId :

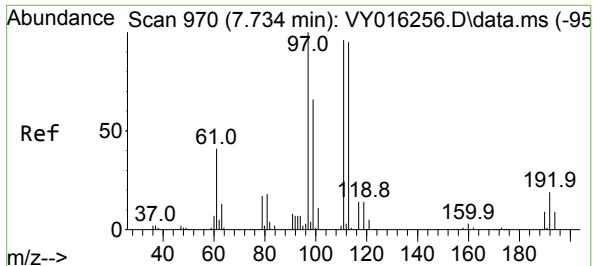
Tgt Ion: 65 Resp: 59463
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. -0.001 min
 Lab File: VY016358.D
 Acq: 15 Nov 2023 12:03

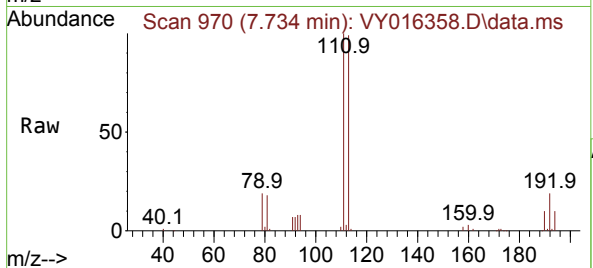
Tgt Ion: 114 Resp: 177053
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 42.4
 88 15.5 0.0 30.6



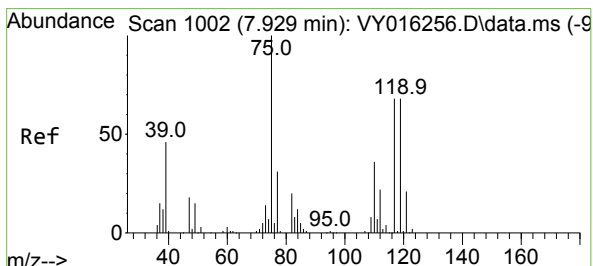
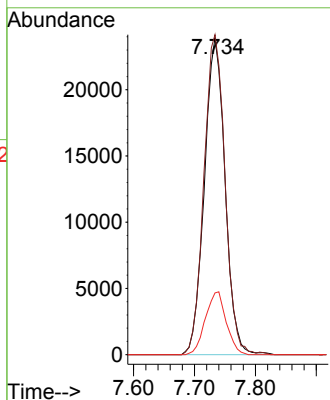
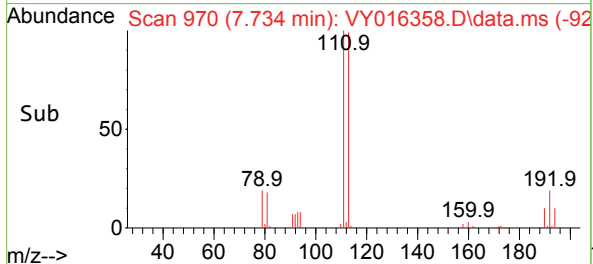


#35
Dibromofluoromethane
Concen: 56.076 ug/l
RT: 7.734 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY016358.D
Acq: 15 Nov 2023 12:03

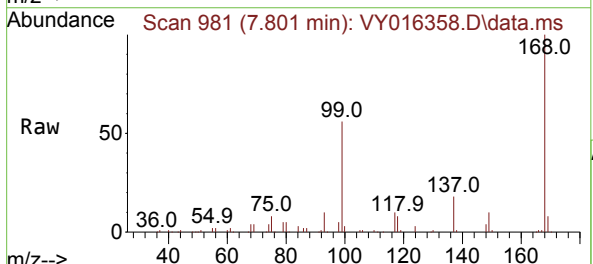
Instrument :
MSVOA_Y
ClientSampleId :



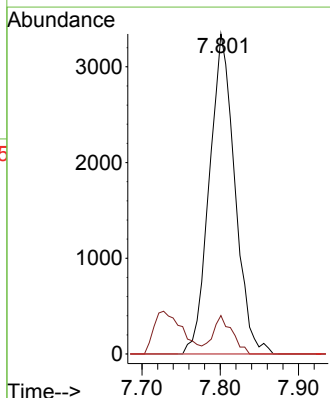
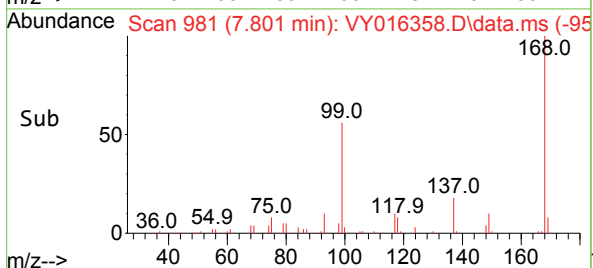
Tgt Ion:113 Resp: 56400
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 20.0 16.9 25.3

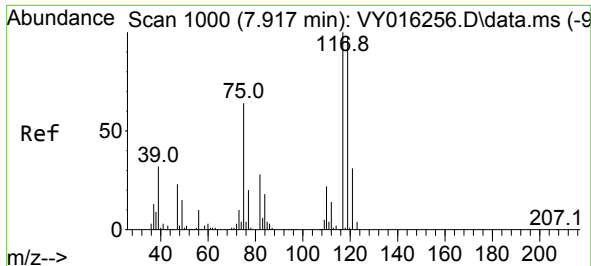


#36
1,1-Dichloropropene
Concen: 4.325 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.129 min
Lab File: VY016358.D
Acq: 15 Nov 2023 12:03



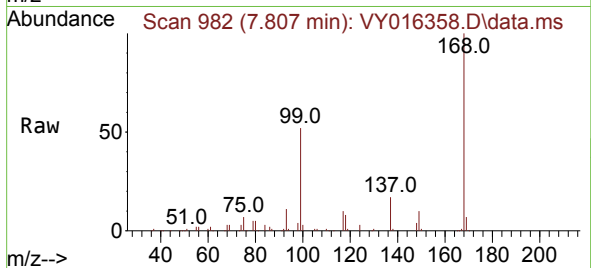
Tgt Ion: 75 Resp: 7554
Ion Ratio Lower Upper
75 100
110 9.1 17.8 53.5#
77 0.0 24.4 36.6#



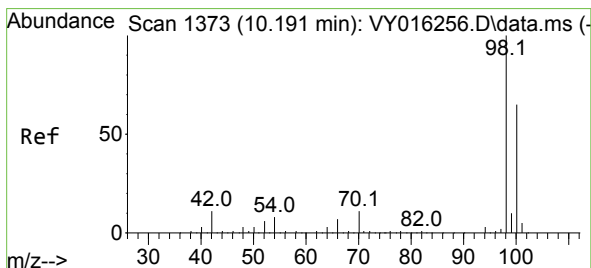
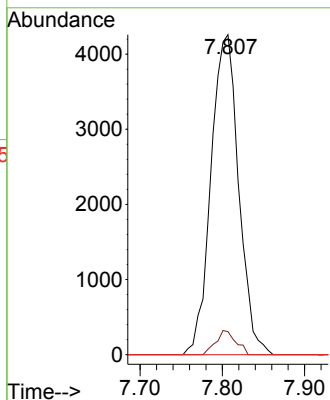
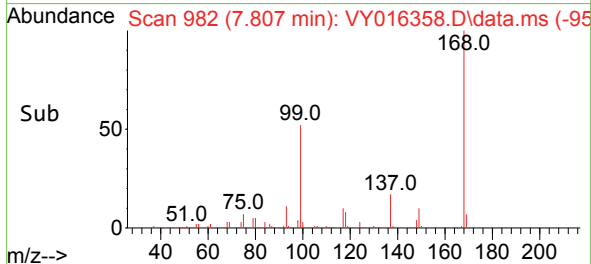


#38
Carbon Tetrachloride
Concen: 5.507 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY016358.D
Acq: 15 Nov 2023 12:03

Instrument :
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ClientSampleId :

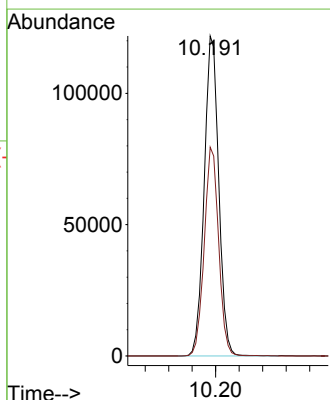
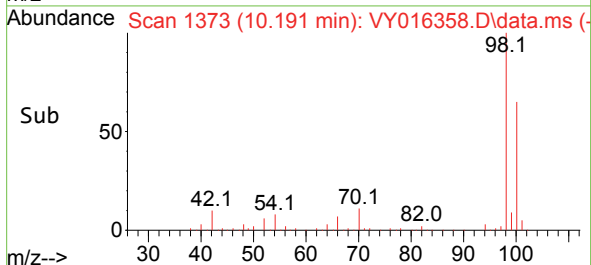
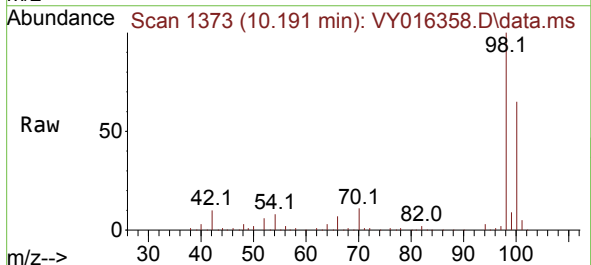


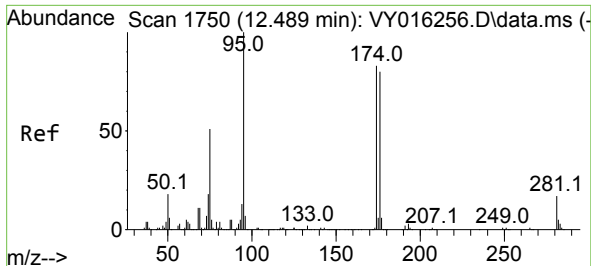
Tgt Ion:117 Resp: 9982
Ion Ratio Lower Upper
117 100
119 7.2 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 51.280 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.001 min
Lab File: VY016358.D
Acq: 15 Nov 2023 12:03

Tgt Ion: 98 Resp: 209151
Ion Ratio Lower Upper
98 100
100 64.6 50.1 75.1

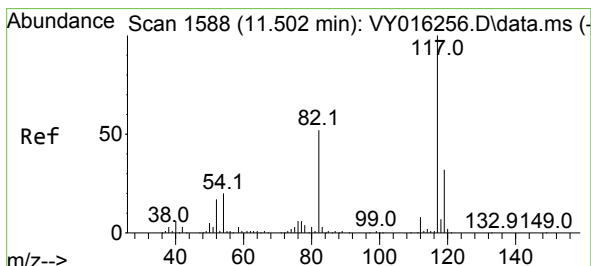
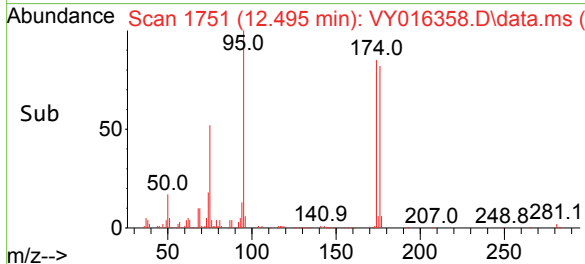
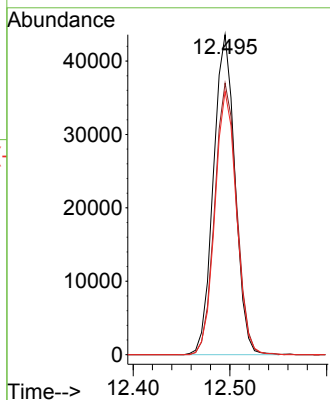
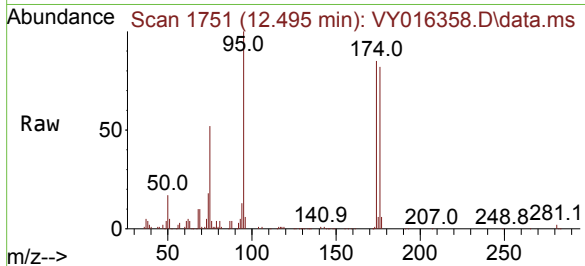




#62
4-Bromofluorobenzene
Concen: 50.973 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016358.D
Acq: 15 Nov 2023 12:03

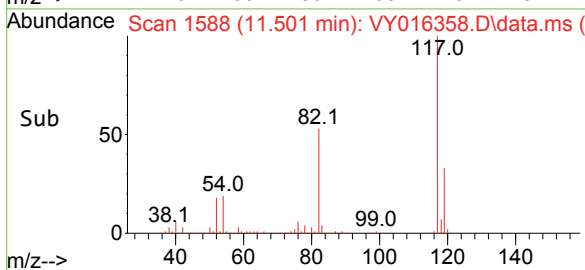
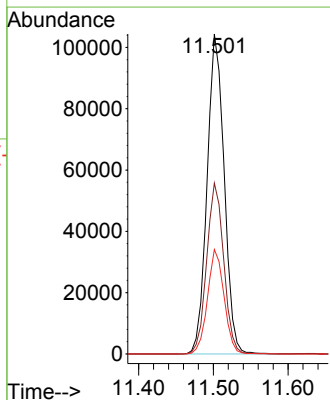
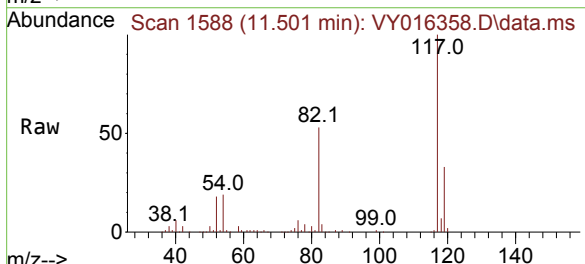
Instrument :
MSVOA_Y
ClientSampleId :

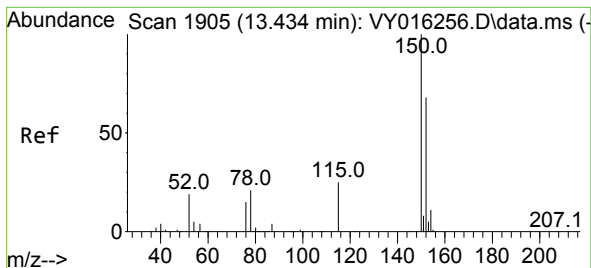
Tgt Ion: 95 Resp: 67523
Ion Ratio Lower Upper
95 100
174 86.4 0.0 178.2
176 82.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 1588
Delta R.T. -0.001 min
Lab File: VY016358.D
Acq: 15 Nov 2023 12:03

Tgt Ion: 117 Resp: 166369
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 32.6 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY016358.D

Acq: 15 Nov 2023 12:03

Instrument :

MSVOA_Y

ClientSampleId :

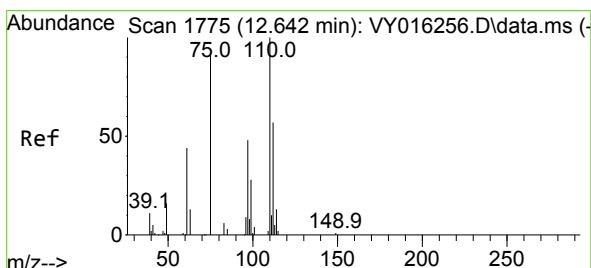
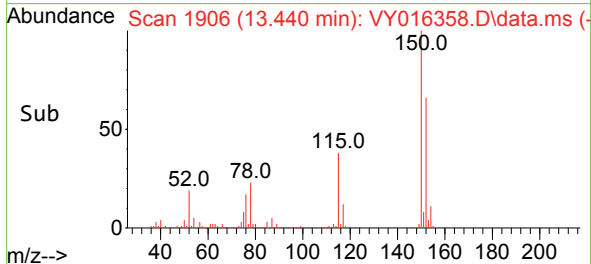
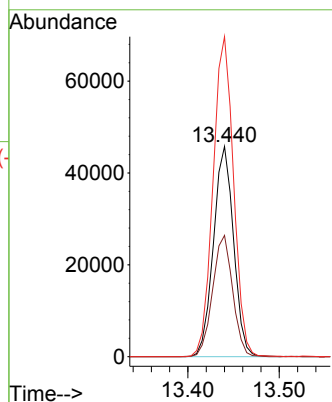
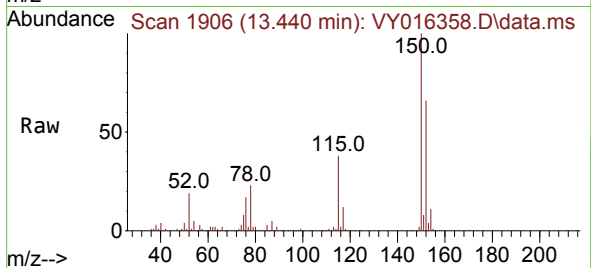
Tgt Ion:152 Resp: 70018

Ion Ratio Lower Upper

152 100

115 57.5 28.8 86.5

150 154.9 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 51.666 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. -0.147 min

Lab File: VY016358.D

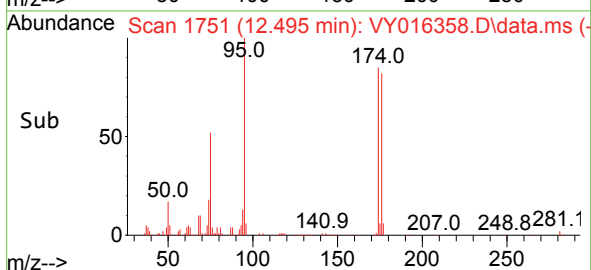
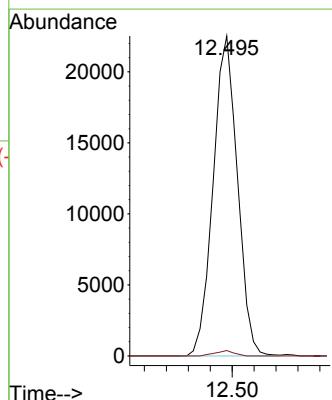
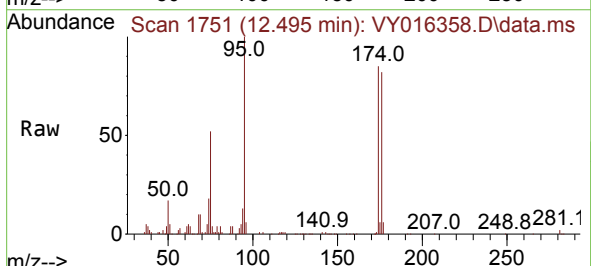
Acq: 15 Nov 2023 12:03

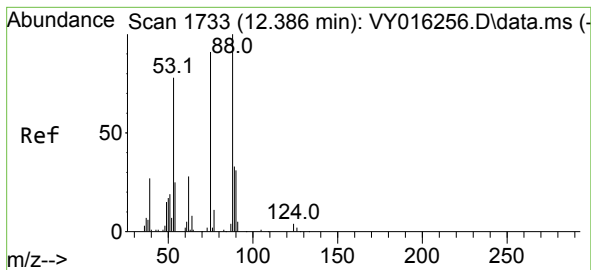
Tgt Ion: 75 Resp: 34703

Ion Ratio Lower Upper

75 100

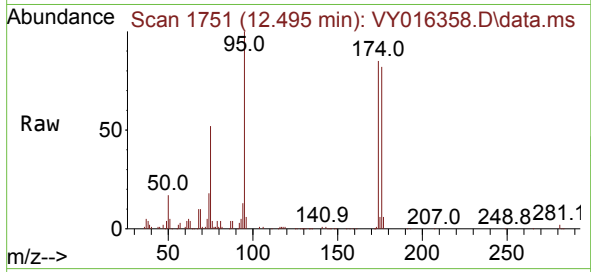
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 112.146 ug/l
 RT: 12.495 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY016358.D
 Acq: 15 Nov 2023 12:03

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	34703
Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.8	116.8#
89	0.0	37.4	56.0#

