

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081623\
 Data File : VY015156.D
 Acq On : 16 Aug 2023 17:40
 Operator : SY/MD
 Sample : 04045-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 17 05:32:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

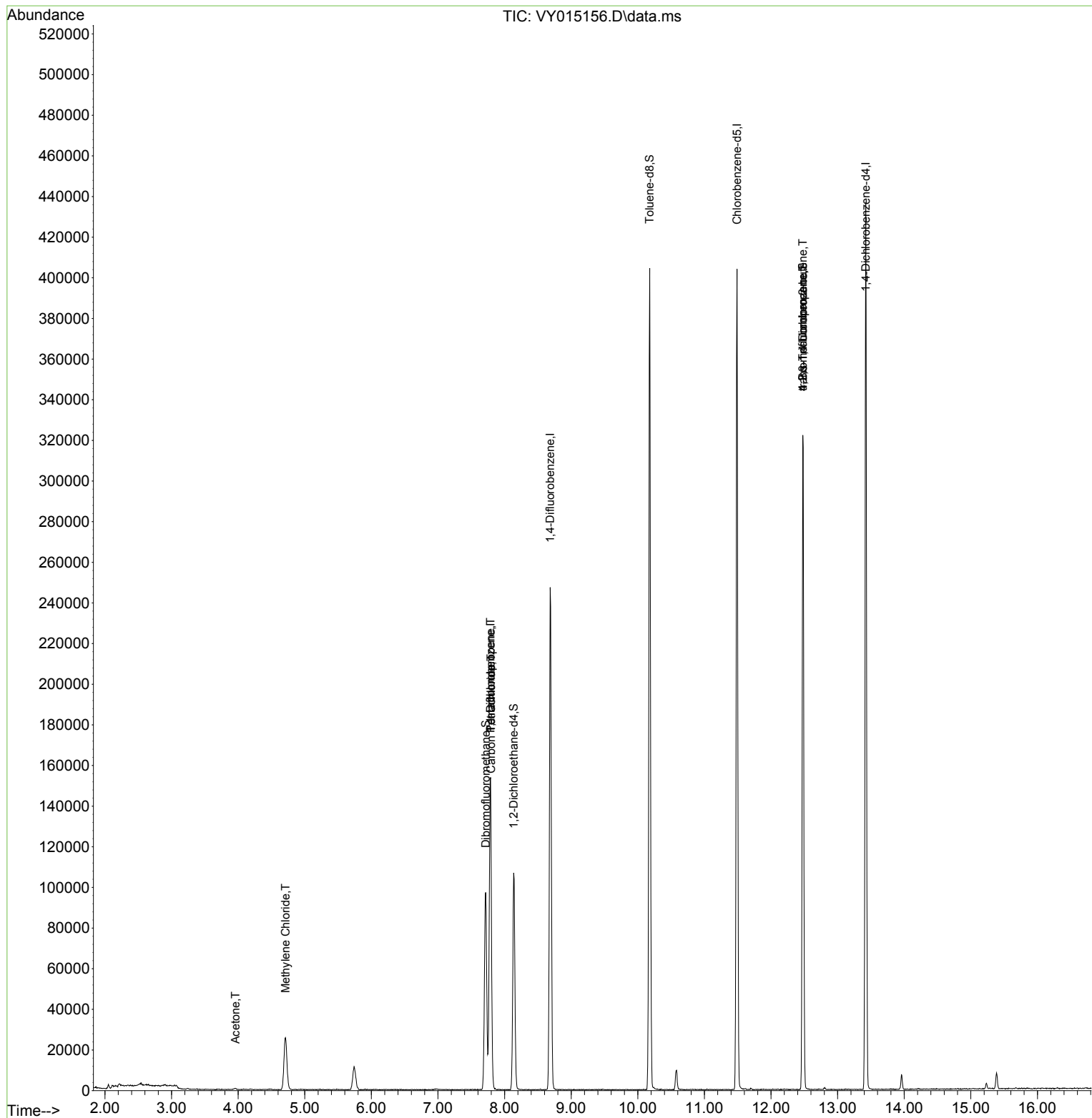
Internal Standards						
1) Pentafluorobenzene	7.789	168	121535	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	212968	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	213412	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	109555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	82390	56.474	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.940%	
35) Dibromofluoromethane	7.716	113	69690	50.865	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.740%	
50) Toluene-d8	10.179	98	257352	50.458	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.920%	
62) 4-Bromofluorobenzene	12.477	95	96931	52.033	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.060%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	27	Below Cal	#	43
3) Chloromethane	2.113	50	342	Below Cal		97
5) Bromomethane	2.656	94	213	Below Cal	#	65
11) Tert butyl alcohol	4.960	59	75	Below Cal	#	89
16) Acetone	3.960	43	1170	2.455	ug/l #	79
20) Methylene Chloride	4.710	84	19866	14.300	ug/l #	89
31) Cyclohexane	7.789	56	2871	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	9366	6.179	ug/l #	50
38) Carbon Tetrachloride	7.795	117	12513	6.975	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	52868	39.720	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	52868	87.245	ug/l #	10

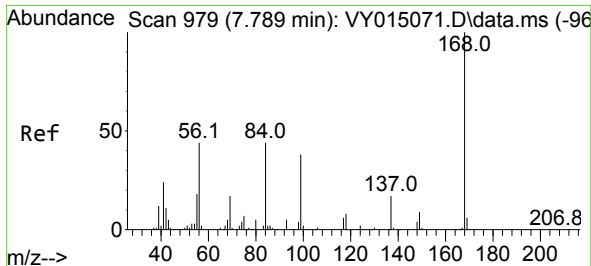
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081623\
Data File : VY015156.D
Acq On : 16 Aug 2023 17:40
Operator : SY/MD
Sample : 04045-01
Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Aug 17 05:32:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 14 12:43:26 2023
Response via : Initial Calibration

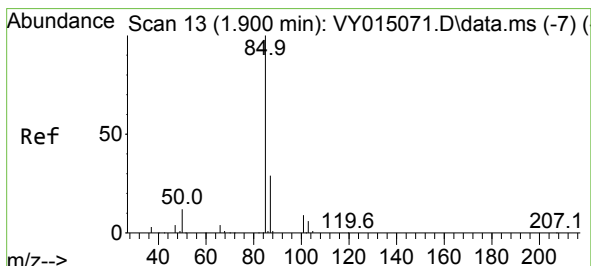
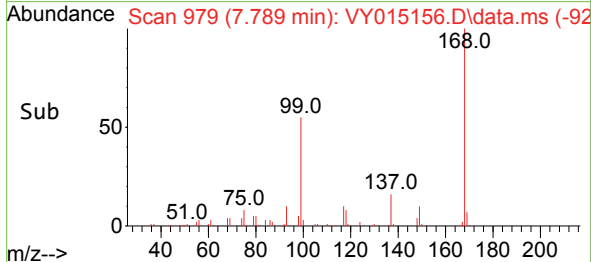
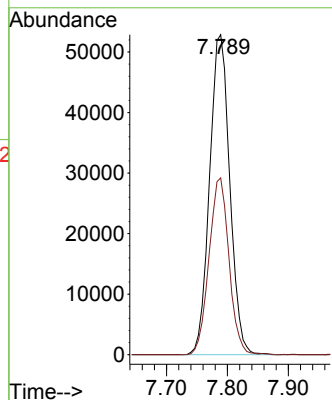
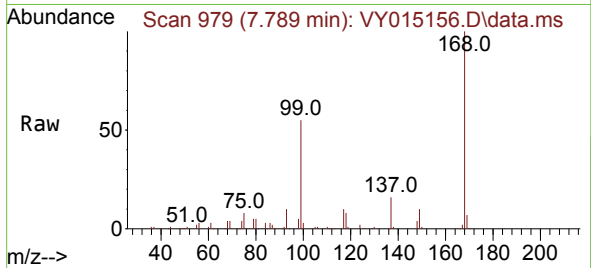




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015156.D
Acq: 16 Aug 2023 17:40

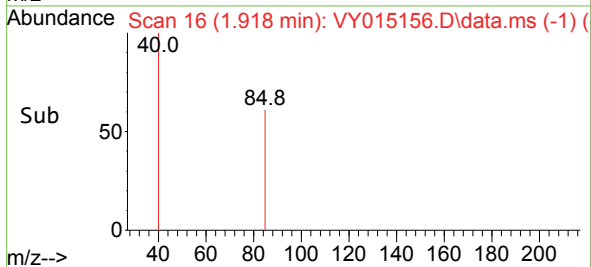
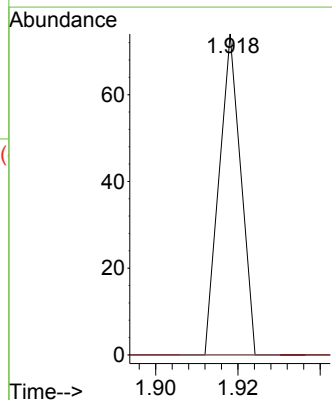
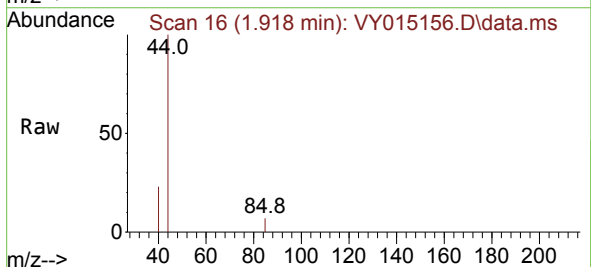
Instrument :
MSVOA_Y
ClientSampleId :

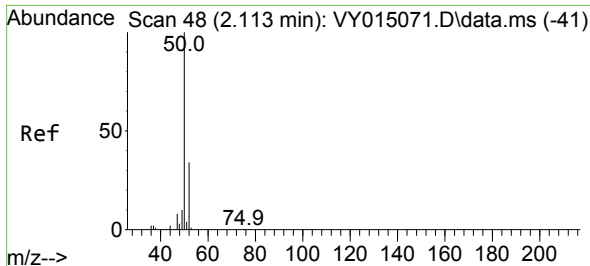
Tgt Ion:168 Resp: 121535
Ion Ratio Lower Upper
168 100
99 55.3 43.4 65.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.918 min Scan# 16
Delta R.T. 0.018 min
Lab File: VY015156.D
Acq: 16 Aug 2023 17:40

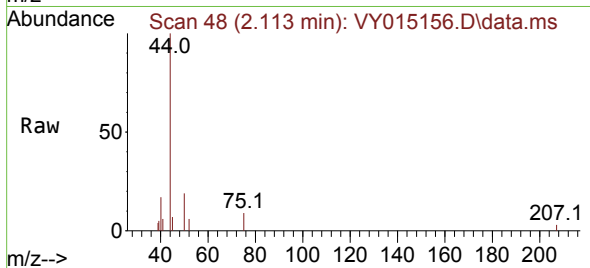
Tgt Ion: 85 Resp: 27
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#



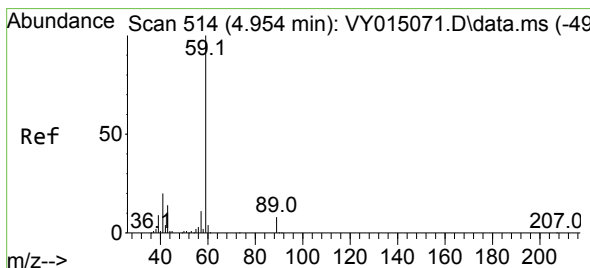
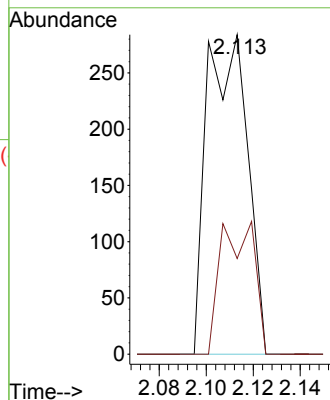
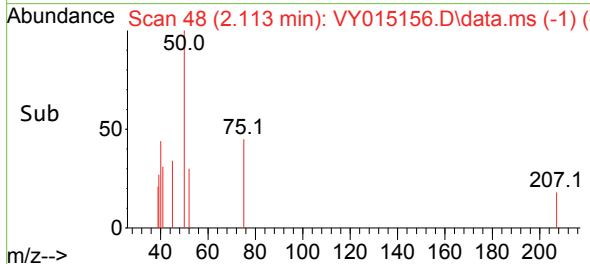


#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015156.D
Acq: 16 Aug 2023 17:40

Instrument :
MSVOA_Y
ClientSampleId :

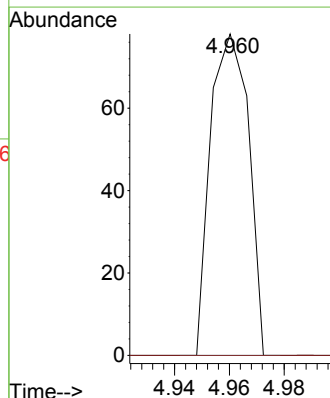
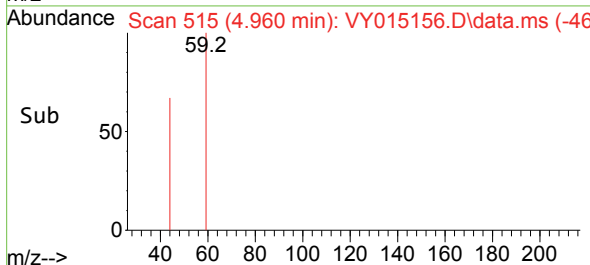
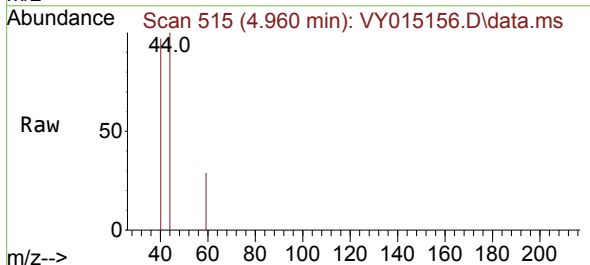


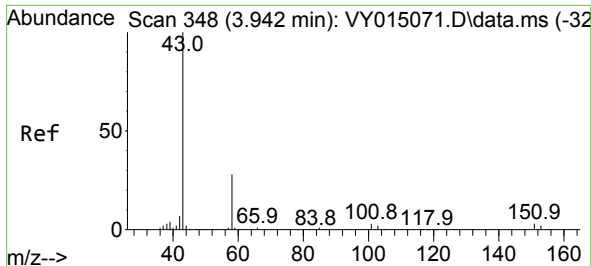
Tgt Ion: 50 Resp: 342
Ion Ratio Lower Upper
50 100
52 29.9 25.4 38.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY015156.D
Acq: 16 Aug 2023 17:40

Tgt Ion: 59 Resp: 75
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

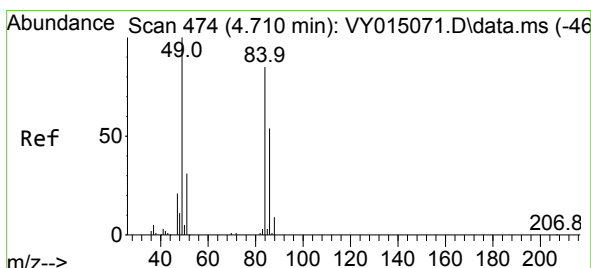
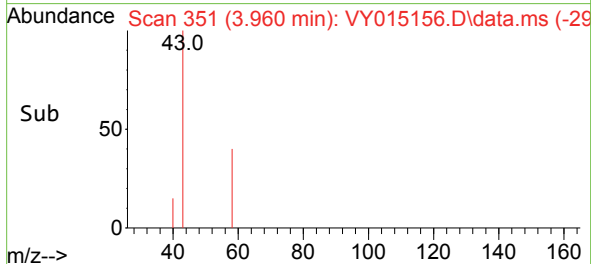
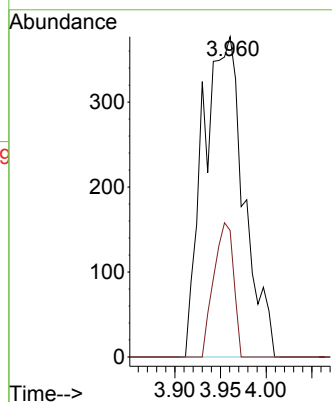
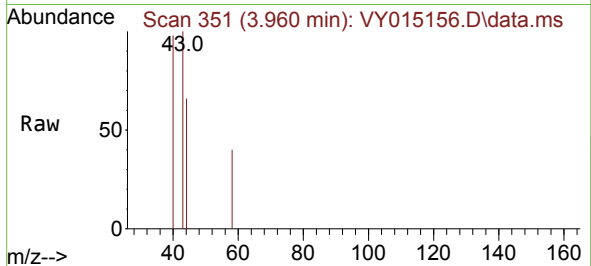




#16
Acetone
Concen: 2.455 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY015156.D
Acq: 16 Aug 2023 17:40

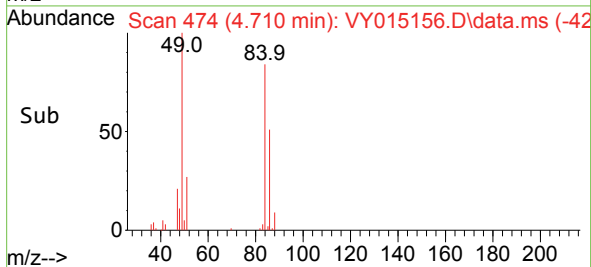
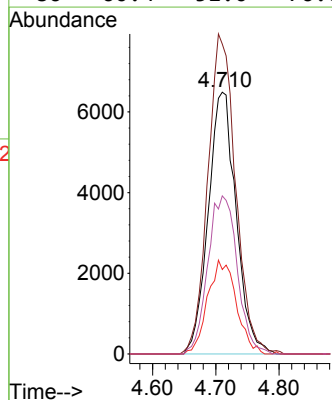
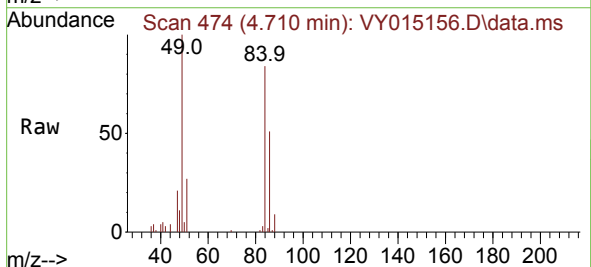
Instrument :
MSVOA_Y
ClientSampleId :

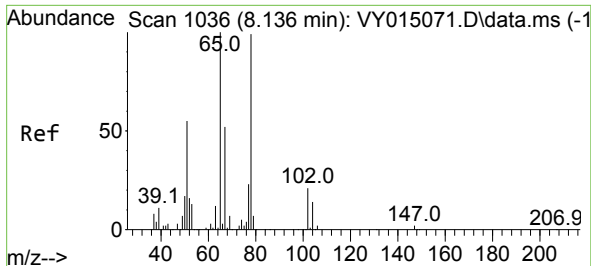
Tgt Ion: 43 Resp: 1170
Ion Ratio Lower Upper
43 100
58 39.5 22.7 34.1#



#20
Methylene Chloride
Concen: 14.300 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY015156.D
Acq: 16 Aug 2023 17:40

Tgt Ion: 84 Resp: 19866
Ion Ratio Lower Upper
84 100
49 118.4 106.9 160.3
51 32.3 33.2 49.8#
86 60.4 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 56.474 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015156.D

Acq: 16 Aug 2023 17:40

Instrument :

MSVOA_Y

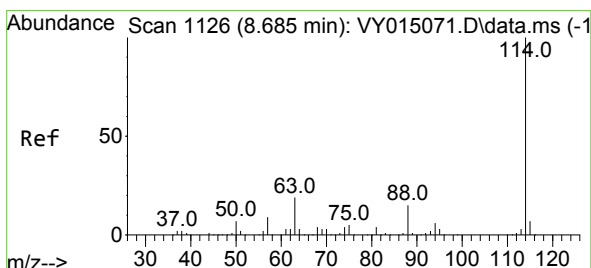
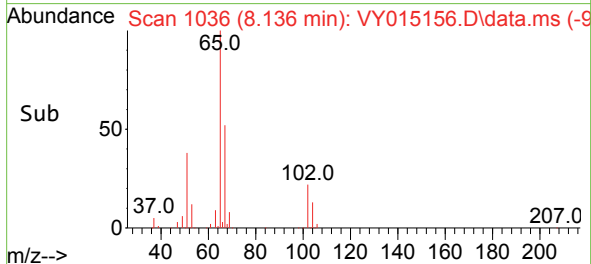
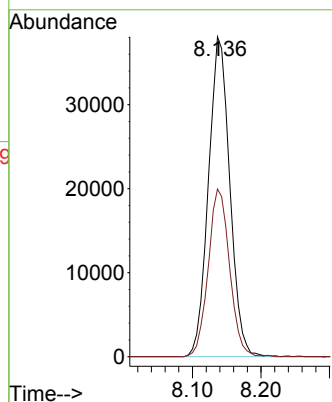
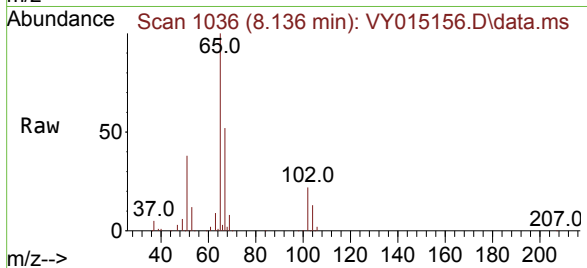
ClientSampleId :

Tgt Ion: 65 Resp: 82390

Ion Ratio Lower Upper

65 100

67 52.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015156.D

Acq: 16 Aug 2023 17:40

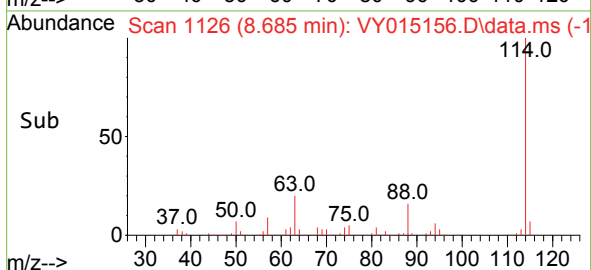
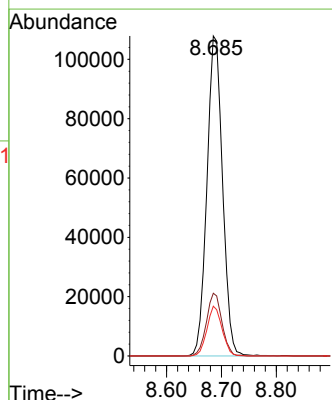
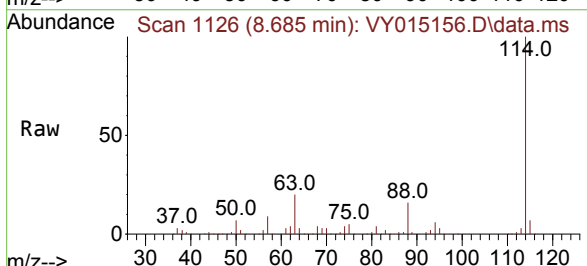
Tgt Ion: 114 Resp: 212968

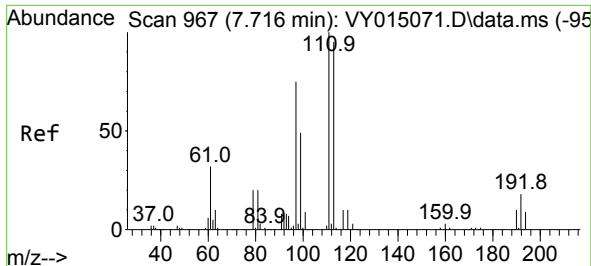
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

88 15.6 0.0 30.6

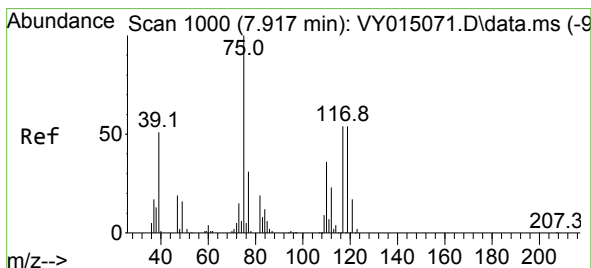
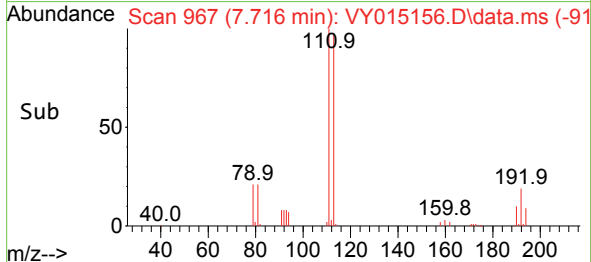
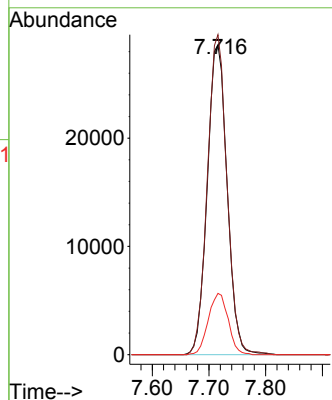
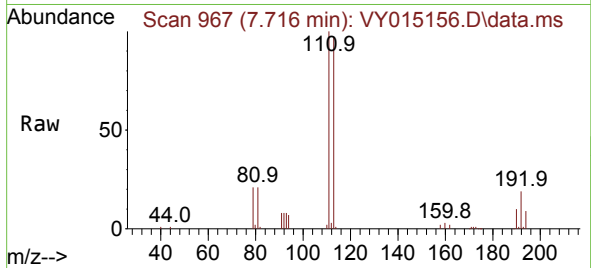




#35
Dibromofluoromethane
Concen: 50.865 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY015156.D
Acq: 16 Aug 2023 17:40

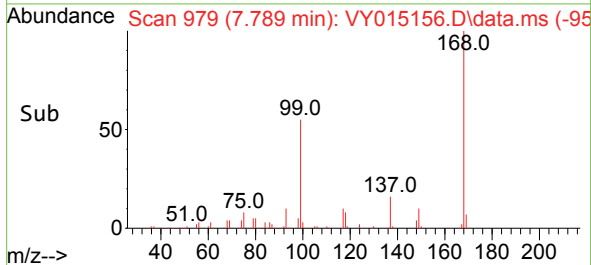
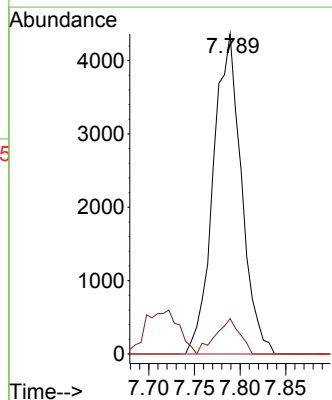
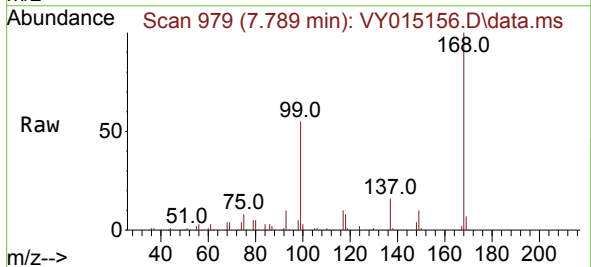
Instrument :
MSVOA_Y
ClientSampleId :

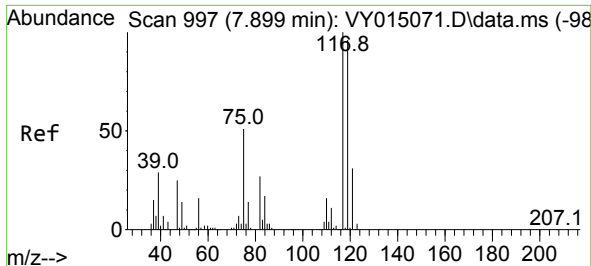
Tgt Ion:113 Resp: 69690
Ion Ratio Lower Upper
113 100
111 101.7 81.3 121.9
192 19.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 6.179 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY015156.D
Acq: 16 Aug 2023 17:40

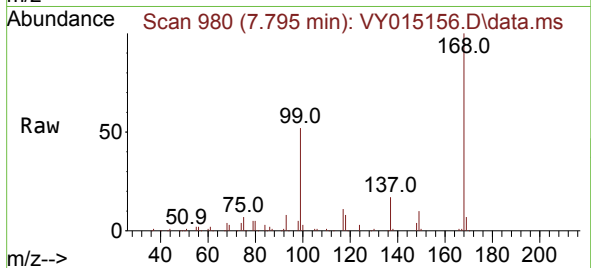
Tgt Ion: 75 Resp: 9366
Ion Ratio Lower Upper
75 100
110 9.4 17.8 53.5#
77 0.0 24.4 36.6#



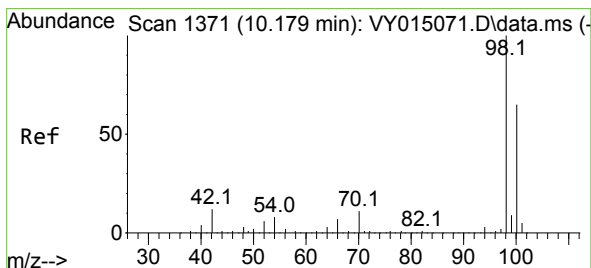
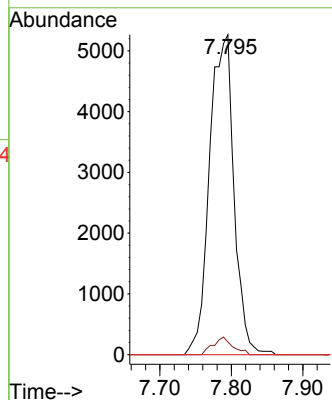
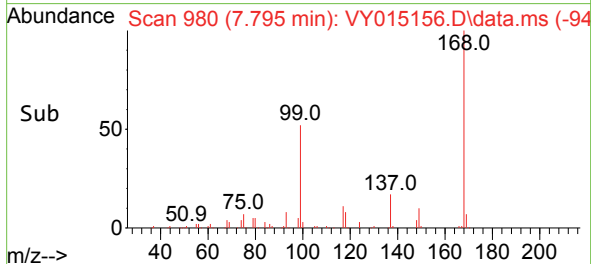


#38
Carbon Tetrachloride
Concen: 6.975 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY015156.D
Acq: 16 Aug 2023 17:40

Instrument :
MSVOA_Y
ClientSampleId :

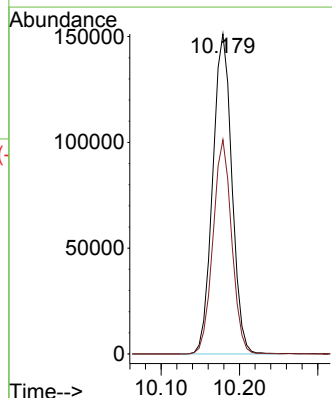
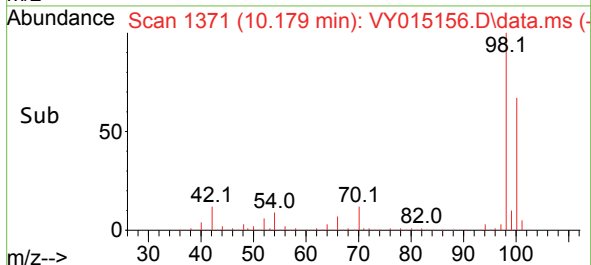
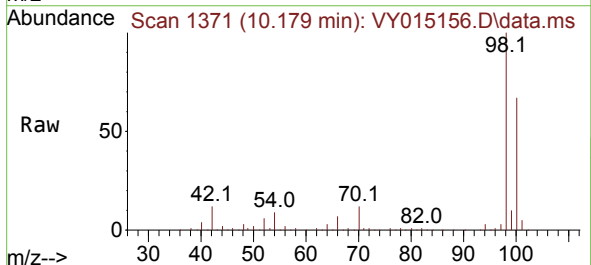


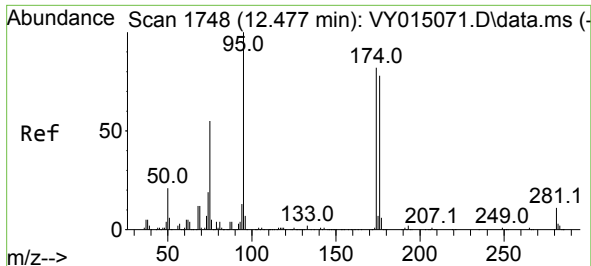
Tgt Ion:117 Resp: 12513
Ion Ratio Lower Upper
117 100
119 4.0 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.458 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015156.D
Acq: 16 Aug 2023 17:40

Tgt Ion: 98 Resp: 257352
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1

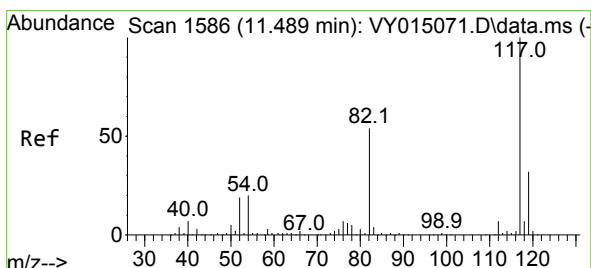
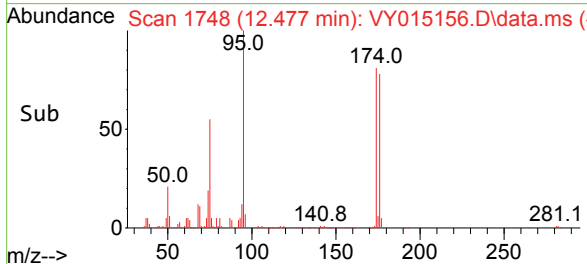
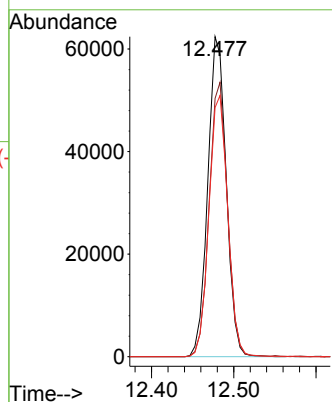
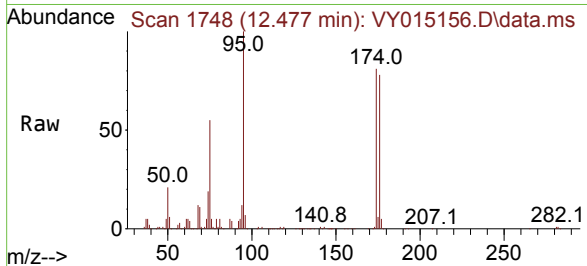




#62
4-Bromofluorobenzene
Concen: 52.033 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015156.D
Acq: 16 Aug 2023 17:40

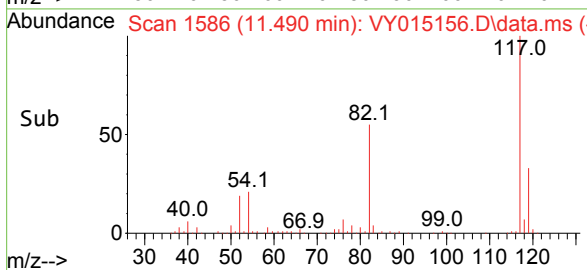
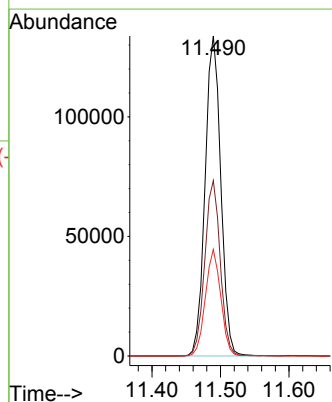
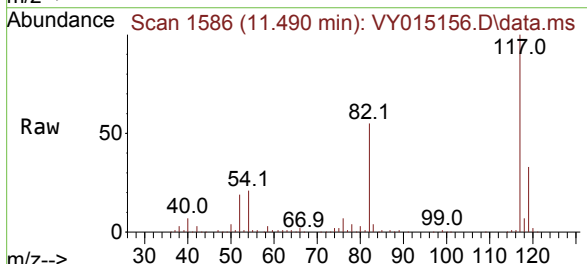
Instrument :
MSVOA_Y
ClientSampleId :

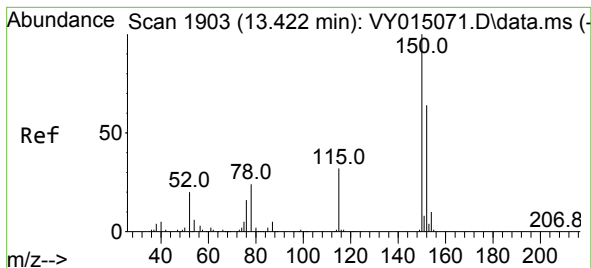
Tgt Ion: 95 Resp: 96931
Ion Ratio Lower Upper
95 100
174 85.8 0.0 178.2
176 83.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015156.D
Acq: 16 Aug 2023 17:40

Tgt Ion: 117 Resp: 213412
Ion Ratio Lower Upper
117 100
82 54.8 43.4 65.0
119 33.3 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY015156.D

Acq: 16 Aug 2023 17:40

Instrument :

MSVOA_Y

ClientSampleId :

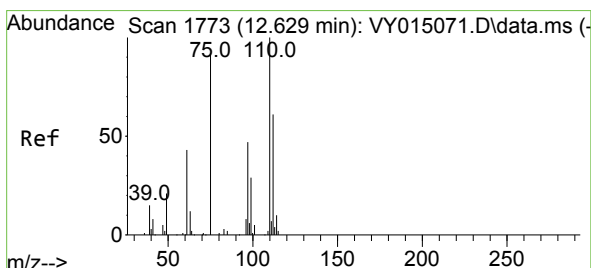
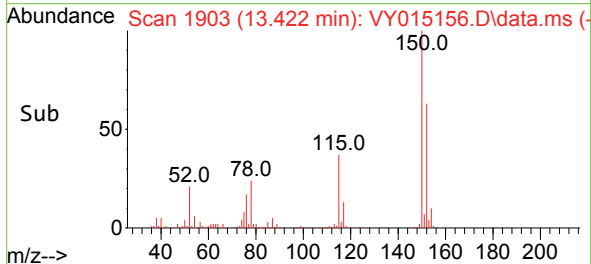
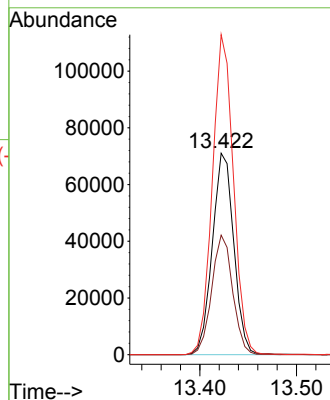
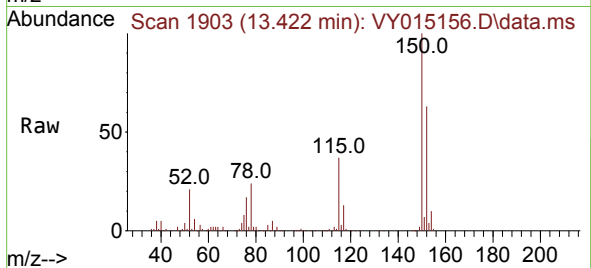
Tgt Ion:152 Resp: 109555

Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 155.8 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 39.720 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY015156.D

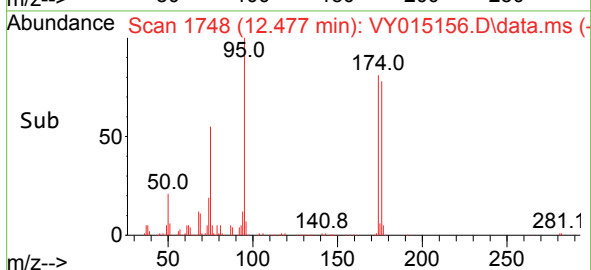
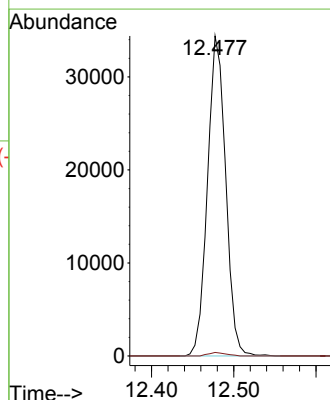
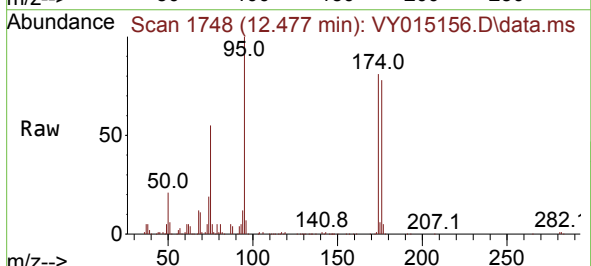
Acq: 16 Aug 2023 17:40

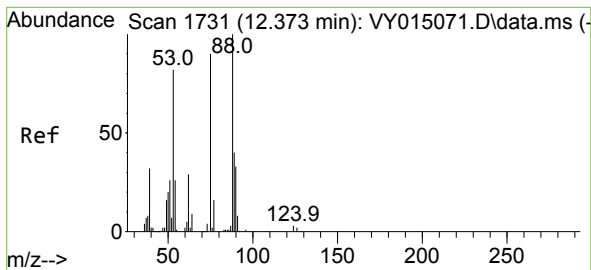
Tgt Ion: 75 Resp: 52868

Ion Ratio Lower Upper

75 100

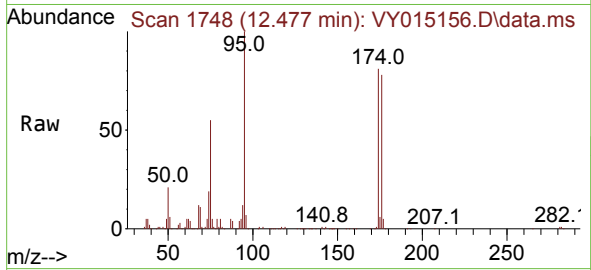
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.245 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY015156.D
 Acq: 16 Aug 2023 17:40

Instrument :
 MSVOA_Y
 ClientSampleId :



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

