

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
 Data File : VY016946.D
 Acq On : 09 Jan 2024 14:14
 Operator : SY/MD
 Sample : P1069-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 10 02:26:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

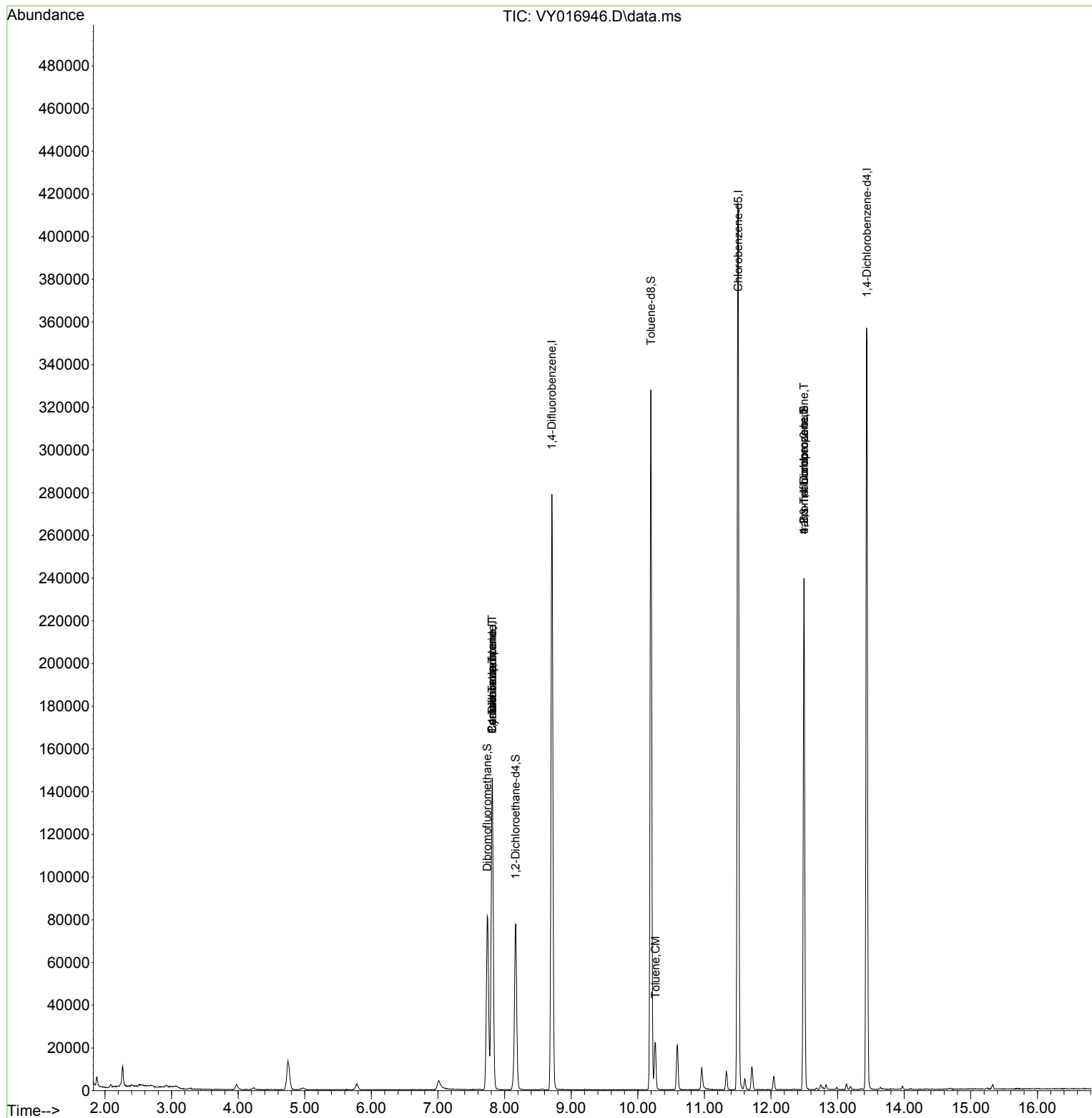
Internal Standards						
1) Pentafluorobenzene	7.813	168	110414	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	239730	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	233254	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	90464	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	58064	53.207	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.420%	
35) Dibromofluoromethane	7.740	113	59809	39.151	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 78.300%	
50) Toluene-d8	10.197	98	214293	40.736	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 81.480%	
62) 4-Bromofluorobenzene	12.495	95	70238	39.575	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 79.140%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.985	59	1237	Below Cal	#	75
16) Acetone	3.979	43	4406	Below Cal		93
25) 2-Butanone	7.021	43	708	Below Cal		99
31) Cyclohexane	7.813	56	2414	1.289	ug/l #	1
36) 1,1-Dichloropropene	7.813	75	9643	4.331	ug/l #	49
38) Carbon Tetrachloride	7.813	117	11008	4.867	ug/l #	17
52) Toluene	10.264	92	9753	2.420	ug/l	96
76) 1,2,3-Trichloropropane	12.495	75	37227	37.921	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	37227	86.109	ug/l #	12

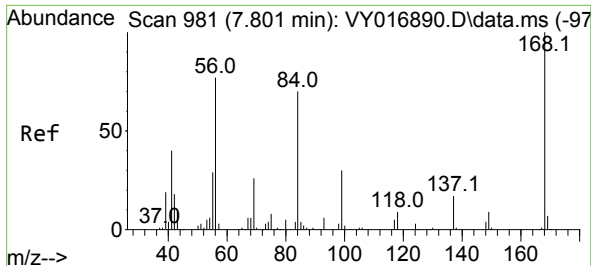
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
Data File : VY016946.D
Acq On : 09 Jan 2024 14:14
Operator : SY/MD
Sample : P1069-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 10 02:26:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration

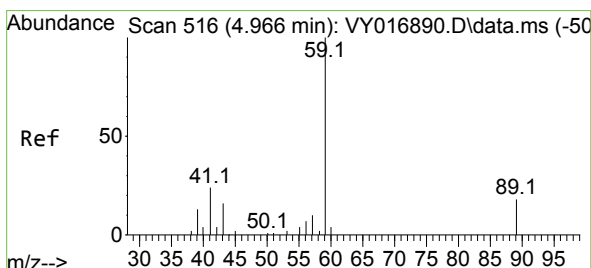
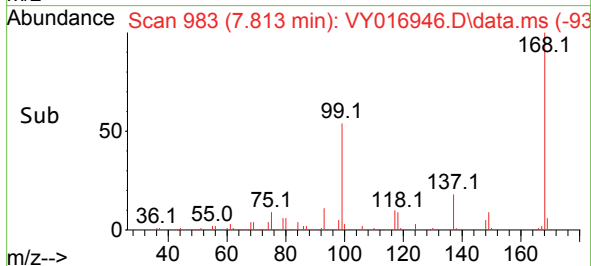
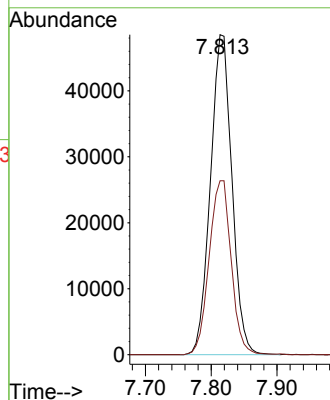
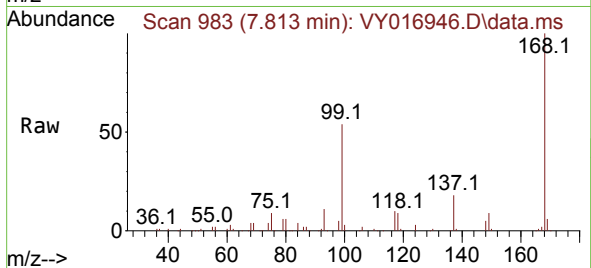




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY016946.D
Acq: 09 Jan 2024 14:14

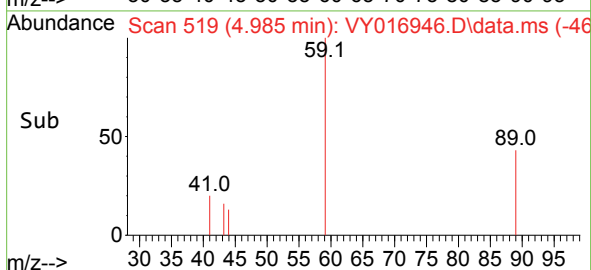
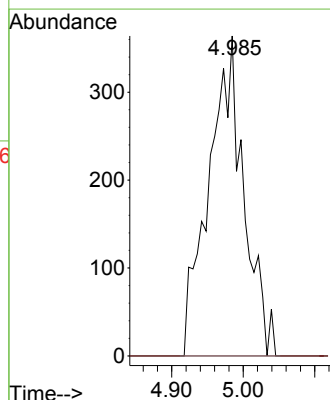
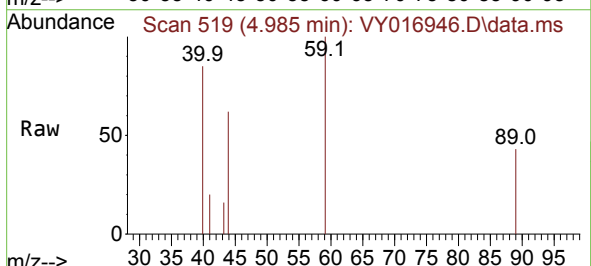
Instrument :
MSVOA_Y
ClientSampleId :

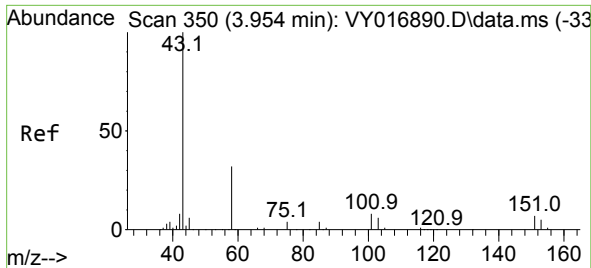
Tgt Ion:168 Resp: 110414
Ion Ratio Lower Upper
168 100
99 54.3 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.985 min Scan# 519
Delta R.T. 0.019 min
Lab File: VY016946.D
Acq: 09 Jan 2024 14:14

Tgt Ion: 59 Resp: 1237
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: Below Cal

RT: 3.979 min Scan# 3

Delta R.T. 0.019 min

Lab File: VY016946.D

Acq: 09 Jan 2024 14:14

Instrument :

MSVOA_Y

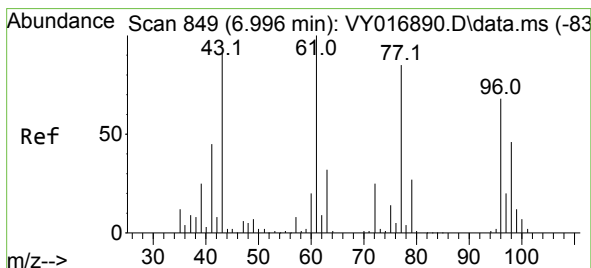
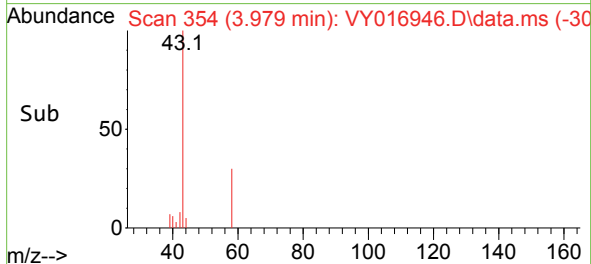
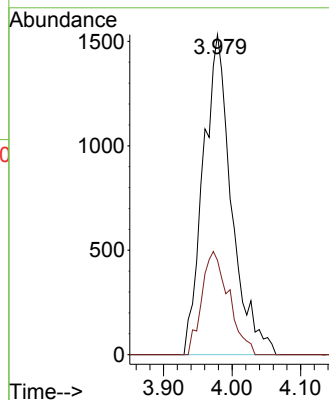
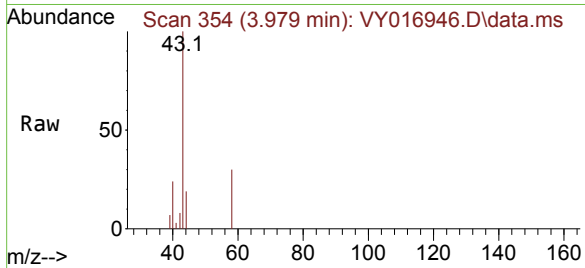
ClientSampleId :

Tgt Ion: 43 Resp: 4406

Ion Ratio Lower Upper

43 100

58 29.5 26.6 39.8



#25

2-Butanone

Concen: Below Cal

RT: 7.021 min Scan# 853

Delta R.T. 0.025 min

Lab File: VY016946.D

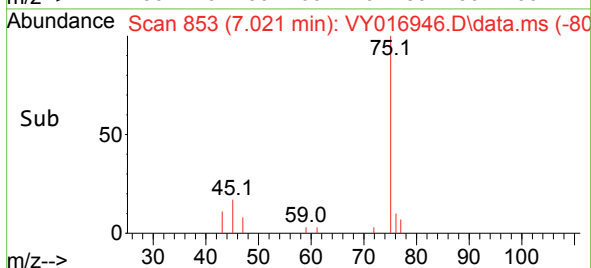
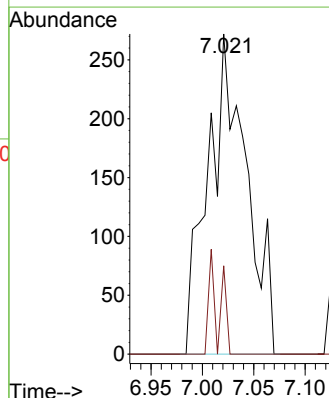
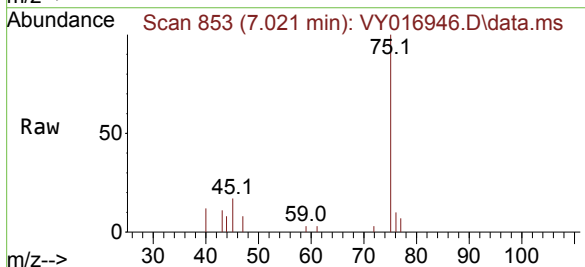
Acq: 09 Jan 2024 14:14

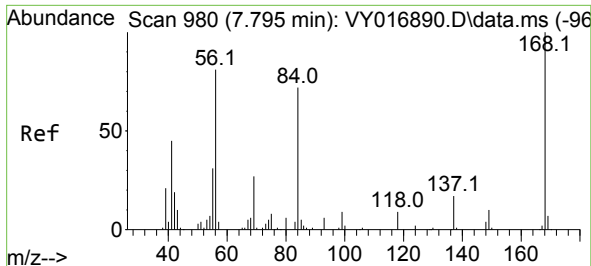
Tgt Ion: 43 Resp: 708

Ion Ratio Lower Upper

43 100

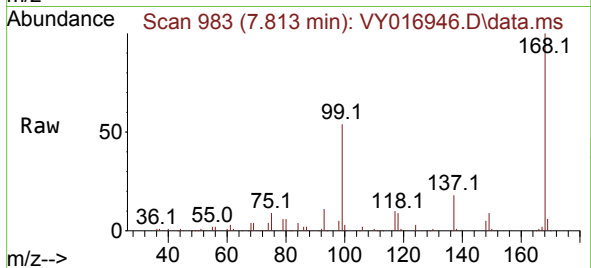
72 27.6 21.4 32.2



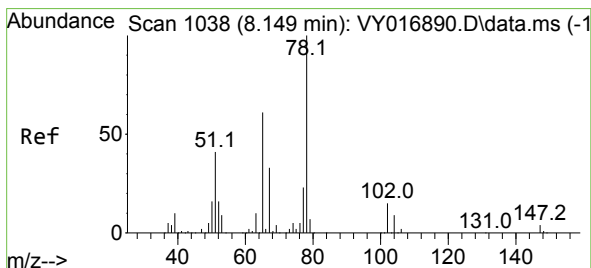
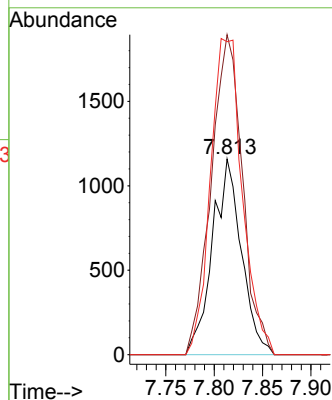
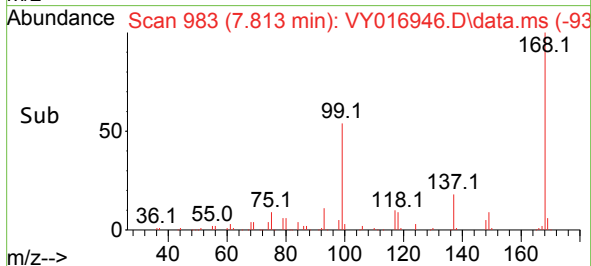


#31
Cyclohexane
Concen: 1.289 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016946.D
Acq: 09 Jan 2024 14:14

Instrument :
MSVOA_Y
ClientSampleId :

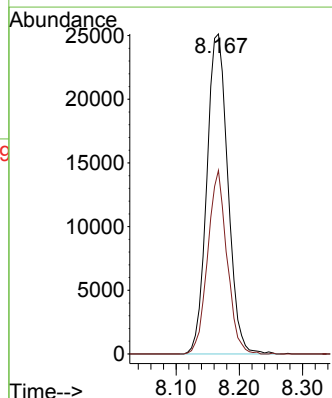
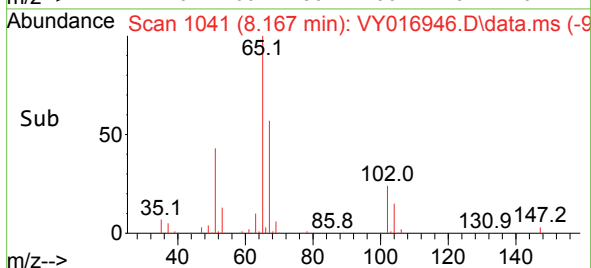
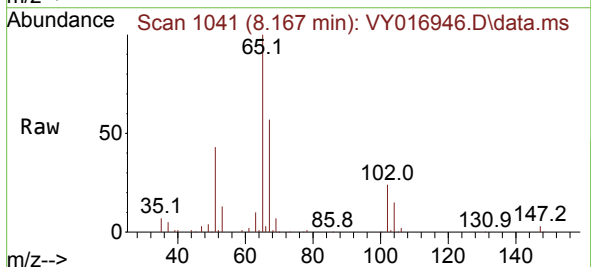


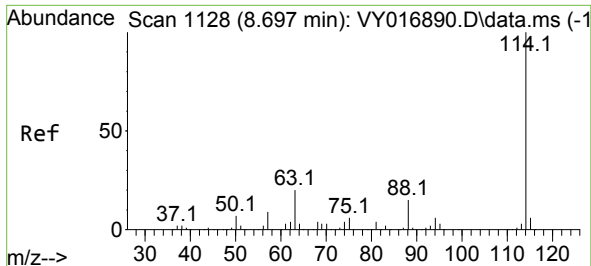
Tgt Ion: 56 Resp: 2414
Ion Ratio Lower Upper
56 100
69 163.5 27.0 40.6#
84 159.9 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 53.207 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY016946.D
Acq: 09 Jan 2024 14:14

Tgt Ion: 65 Resp: 58064
Ion Ratio Lower Upper
65 100
67 52.6 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1128

Delta R.T. 0.007 min

Lab File: VY016946.D

Acq: 09 Jan 2024 14:14

Instrument :

MSVOA_Y

ClientSampleId :

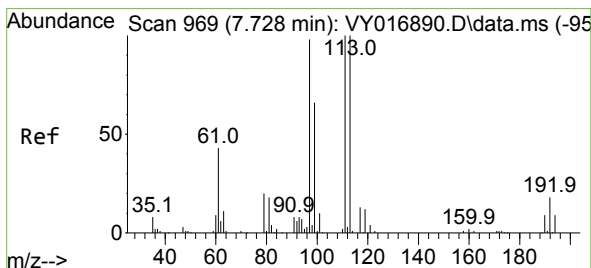
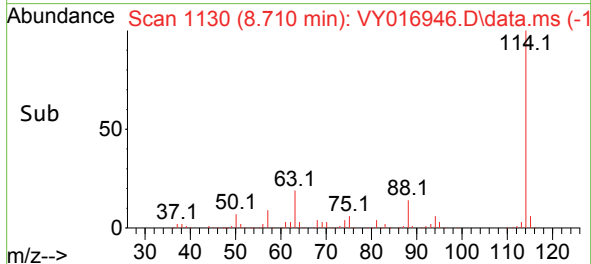
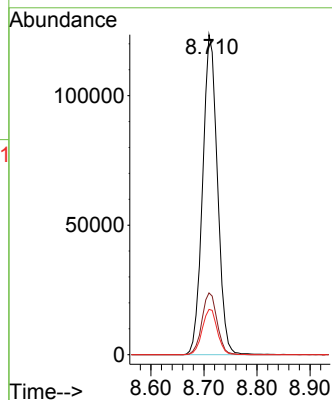
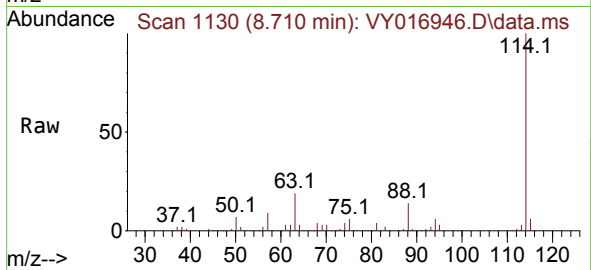
Tgt Ion:114 Resp: 239730

Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.4

88 14.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 39.151 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY016946.D

Acq: 09 Jan 2024 14:14

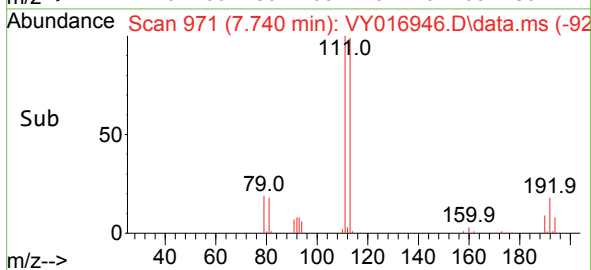
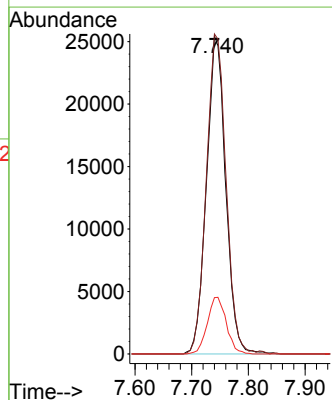
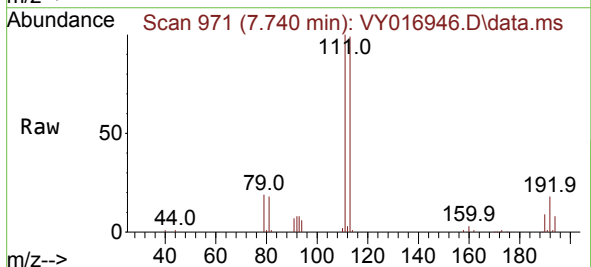
Tgt Ion:113 Resp: 59809

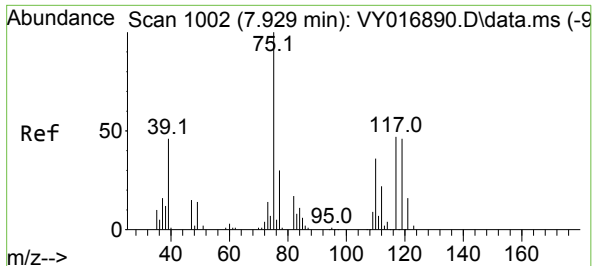
Ion Ratio Lower Upper

113 100

111 103.2 83.8 125.6

192 17.6 14.5 21.7





#36

1,1-Dichloropropene

Concen: 4.331 ug/l

RT: 7.813 min Scan# 9

Delta R.T. -0.116 min

Lab File: VY016946.D

Acq: 09 Jan 2024 14:14

Instrument :

MSVOA_Y

ClientSampleId :

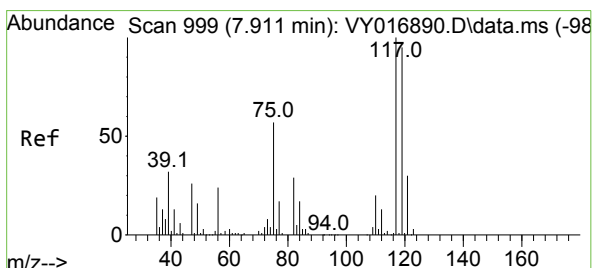
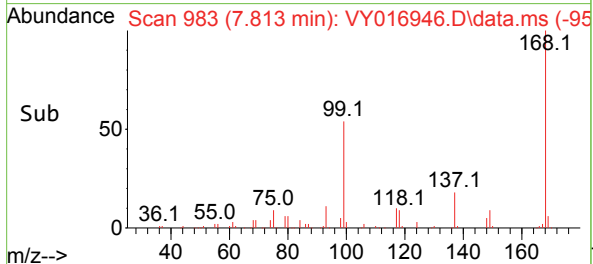
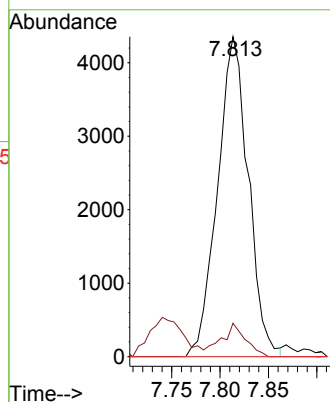
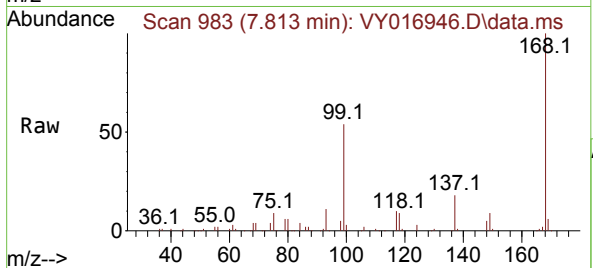
Tgt Ion: 75 Resp: 9643

Ion Ratio Lower Upper

75 100

110 8.2 17.4 52.3#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 4.867 ug/l

RT: 7.813 min Scan# 983

Delta R.T. -0.104 min

Lab File: VY016946.D

Acq: 09 Jan 2024 14:14

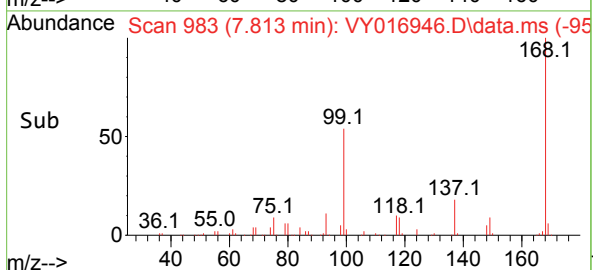
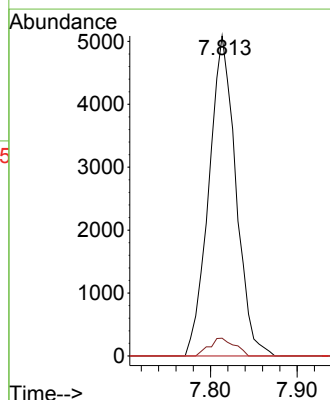
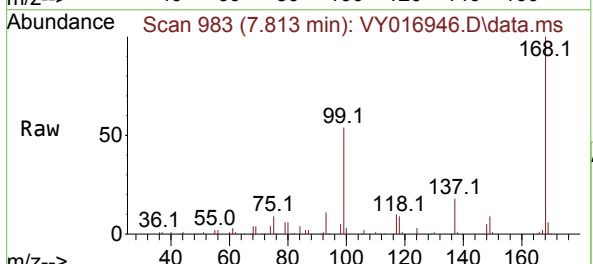
Tgt Ion: 117 Resp: 11008

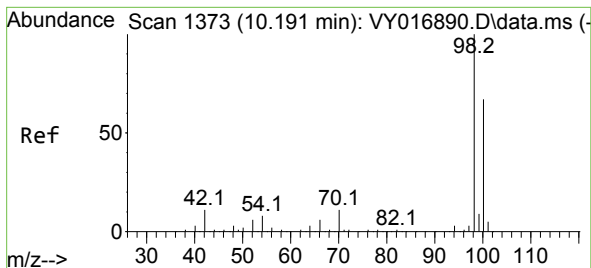
Ion Ratio Lower Upper

117 100

119 5.6 76.0 114.0#

121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 40.736 ug/l

RT: 10.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016946.D

Acq: 09 Jan 2024 14:14

Instrument :

MSVOA_Y

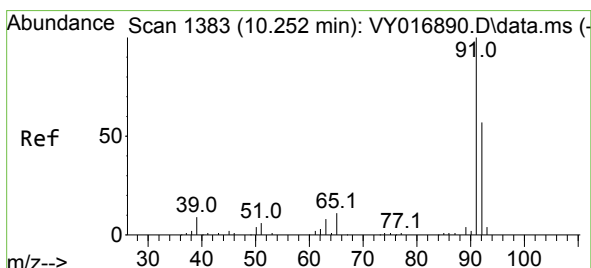
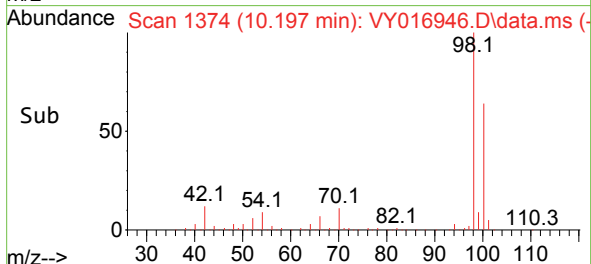
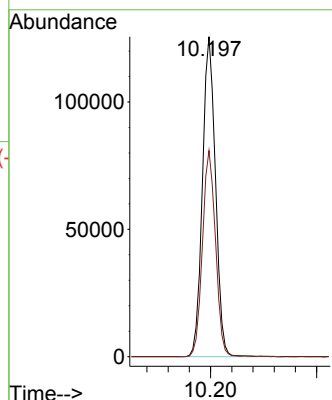
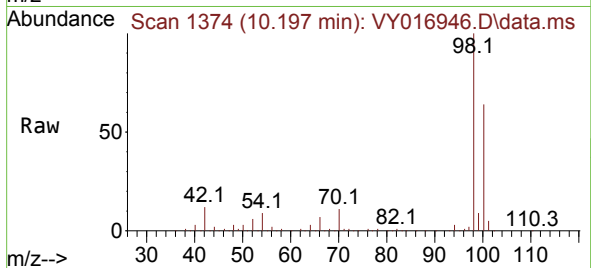
ClientSampleId :

Tgt Ion: 98 Resp: 214293

Ion Ratio Lower Upper

98 100

100 64.4 52.3 78.5



#52

Toluene

Concen: 2.420 ug/l

RT: 10.264 min Scan# 1385

Delta R.T. 0.012 min

Lab File: VY016946.D

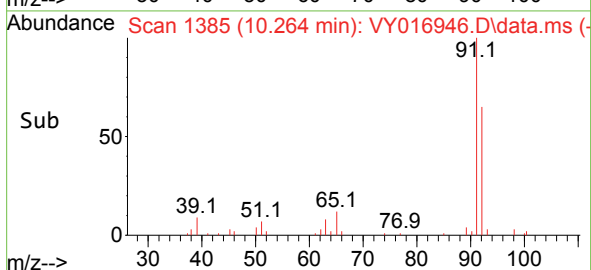
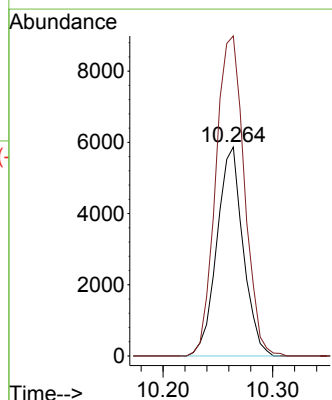
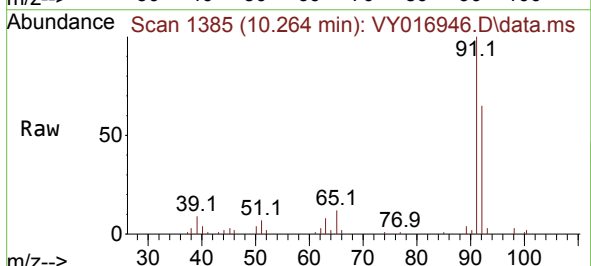
Acq: 09 Jan 2024 14:14

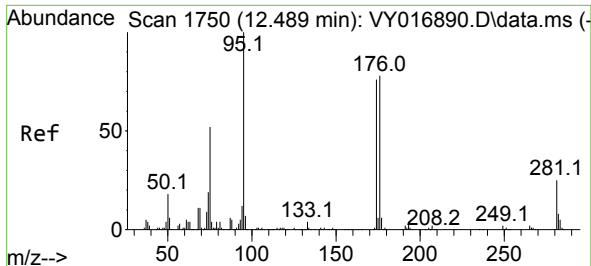
Tgt Ion: 92 Resp: 9753

Ion Ratio Lower Upper

92 100

91 167.1 137.6 206.4

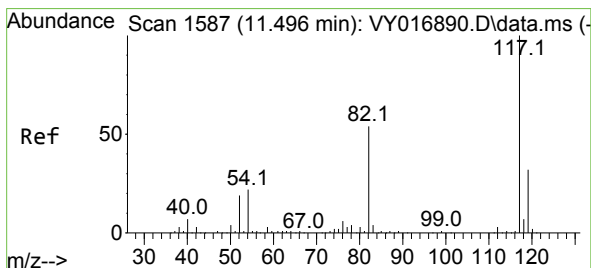
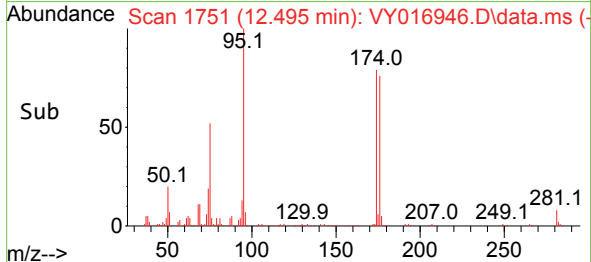
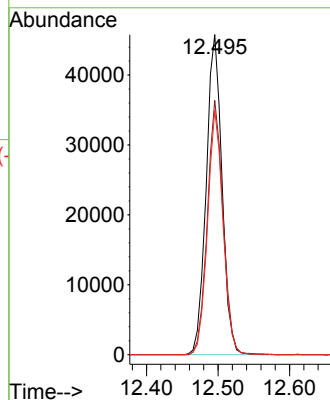
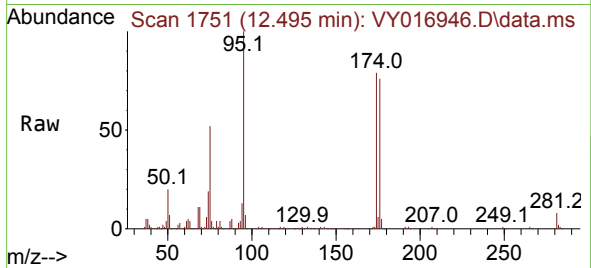




#62
4-Bromofluorobenzene
Concen: 39.575 ug/l
RT: 12.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016946.D
Acq: 09 Jan 2024 14:14

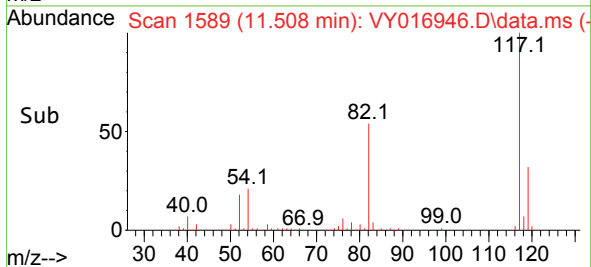
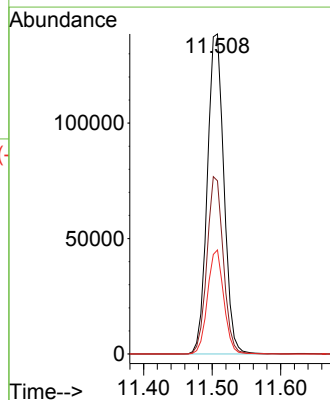
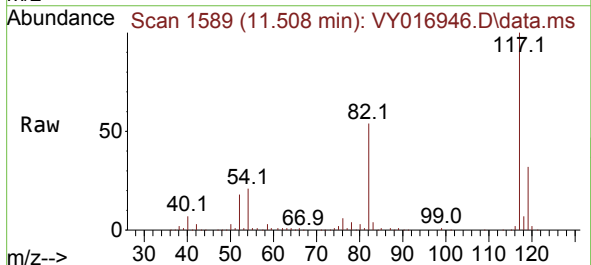
Instrument :
MSVOA_Y
ClientSampleId :

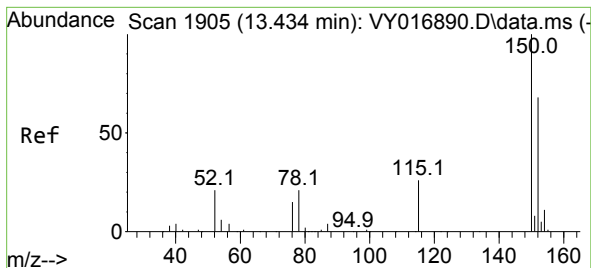
Tgt Ion: 95 Resp: 70238
Ion Ratio Lower Upper
95 100
174 79.5 0.0 160.0
176 74.9 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY016946.D
Acq: 09 Jan 2024 14:14

Tgt Ion: 117 Resp: 233254
Ion Ratio Lower Upper
117 100
82 54.1 43.8 65.8
119 32.5 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY016946.D

Acq: 09 Jan 2024 14:14

Instrument :

MSVOA_Y

ClientSampleId :

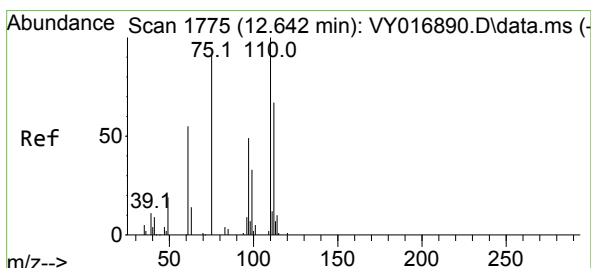
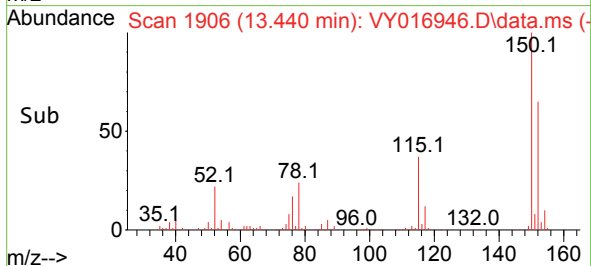
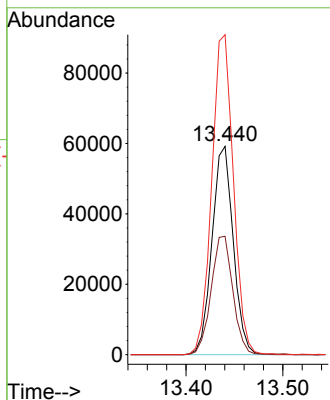
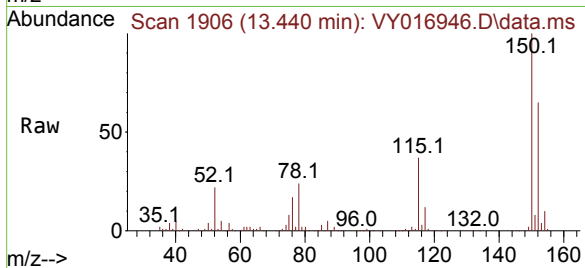
Tgt Ion:152 Resp: 90464

Ion Ratio Lower Upper

152 100

115 58.1 30.0 90.0

150 156.2 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 37.921 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. -0.147 min

Lab File: VY016946.D

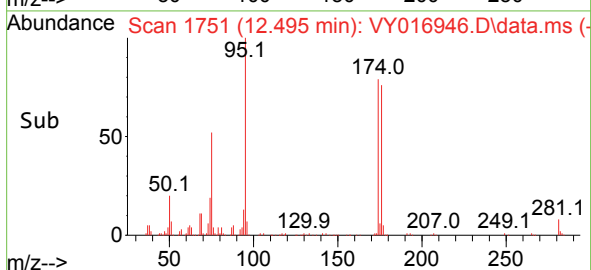
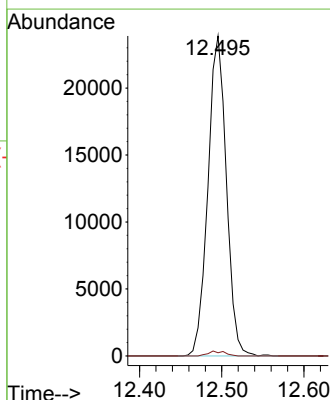
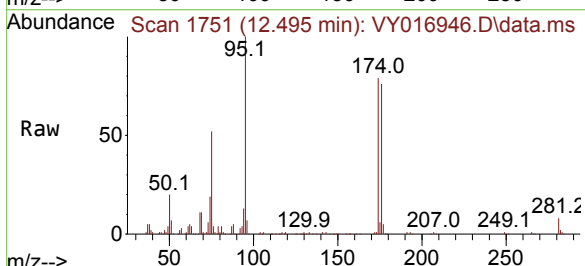
Acq: 09 Jan 2024 14:14

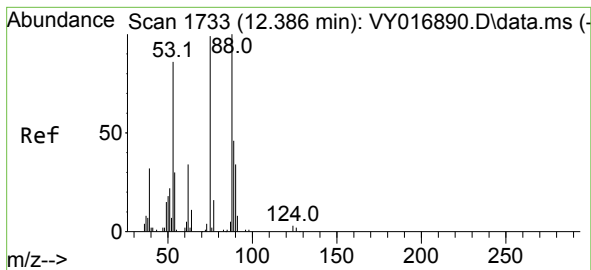
Tgt Ion: 75 Resp: 37227

Ion Ratio Lower Upper

75 100

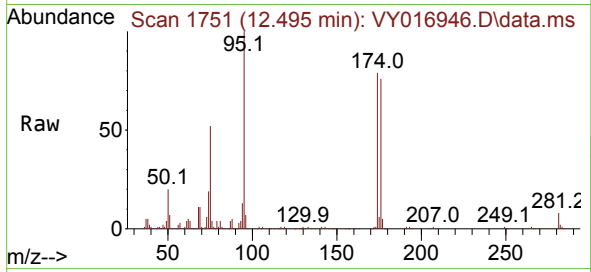
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.109 ug/l
 RT: 12.495 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY016946.D
 Acq: 09 Jan 2024 14:14

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 37227
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.0 111.0#
 89 0.2 36.5 54.7#

