

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091423\
 Data File : VY015539.D
 Acq On : 14 Sep 2023 17:26
 Operator : SY/MD
 Sample : 04394-09
 Misc : 6.55g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 15 04:03:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

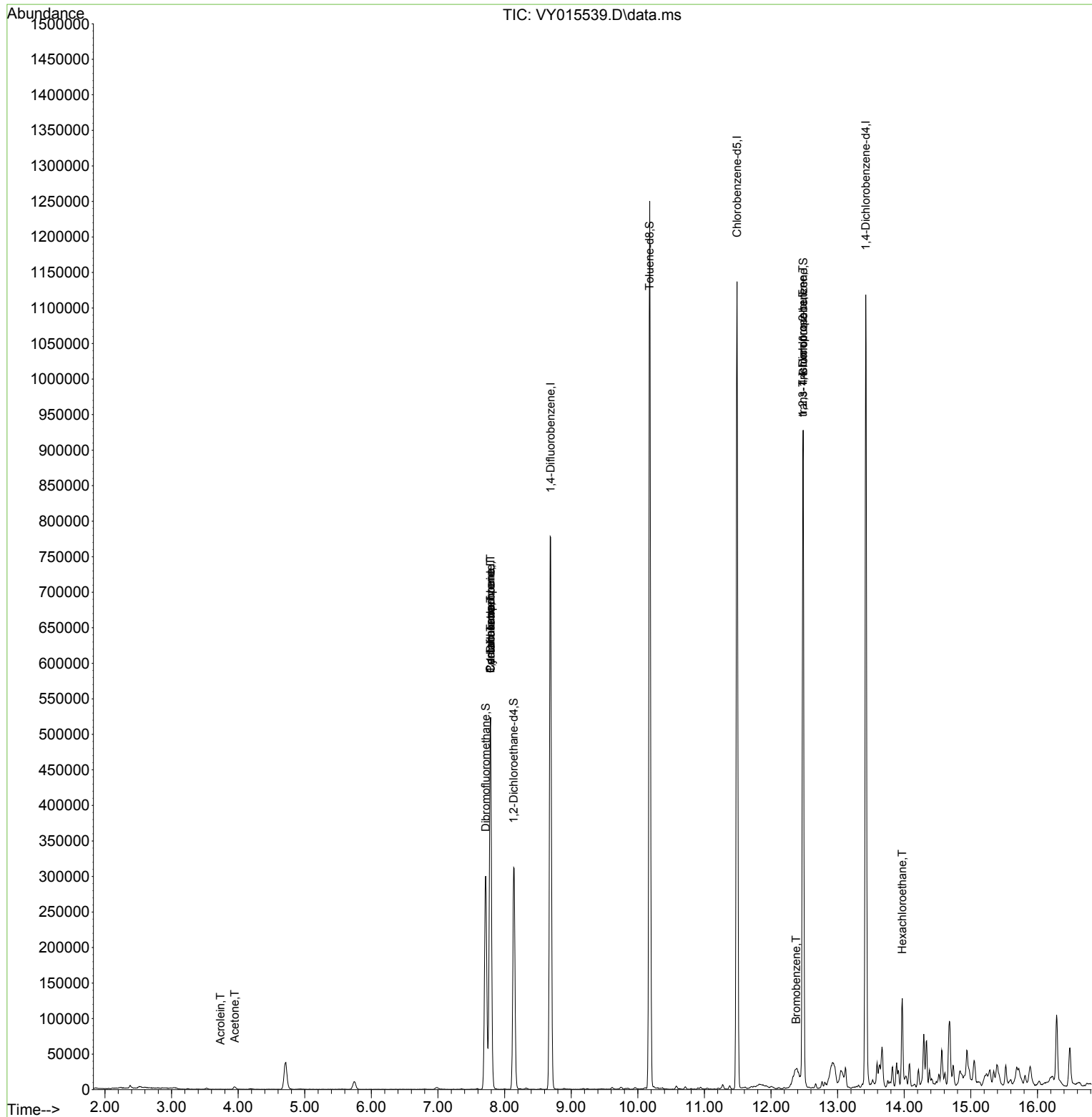
Internal Standards						
1) Pentafluorobenzene	7.789	168	410449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	682474	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	614715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	285017	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	250043	56.829	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.660%	
35) Dibromofluoromethane	7.716	113	214136	54.475	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.940%	
50) Toluene-d8	10.179	98	798247	56.075	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.160%	
62) 4-Bromofluorobenzene	12.483	95	280096	53.002	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.000%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	466	Below Cal	#	89
13) Acrolein	3.735	56	94	11.719	ug/l	91
16) Acetone	3.948	43	6098	3.320	ug/l	95
20) Methylene Chloride	4.710	84	29320	Below Cal	#	85
31) Cyclohexane	7.789	56	8504	1.088	ug/l	# 1
36) 1,1-Dichloropropene	7.789	75	30800	4.462	ug/l	# 50
38) Carbon Tetrachloride	7.789	117	41212	5.781	ug/l	# 15
76) 1,2,3-Trichloropropane	12.477	75	147100	38.919	ug/l	# 100
77) Bromobenzene	12.380	156	42231	8.329	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.477	75	147100	85.852	ug/l	# 11
90) Hexachloroethane	13.971	117	4917	1.402	ug/l	# 8

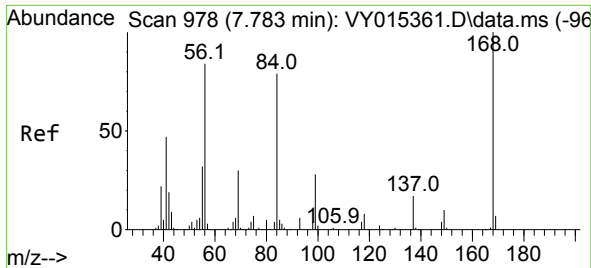
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
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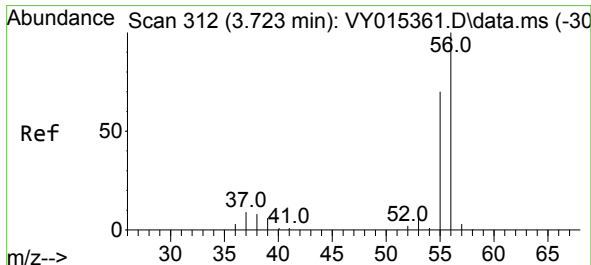
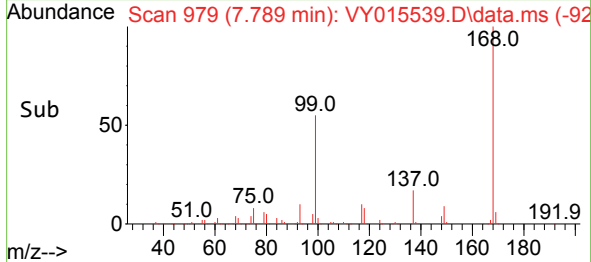
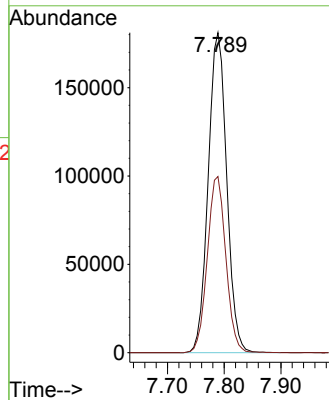
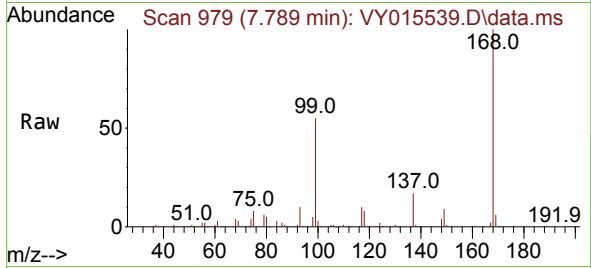




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015539.D
Acq: 14 Sep 2023 17:26

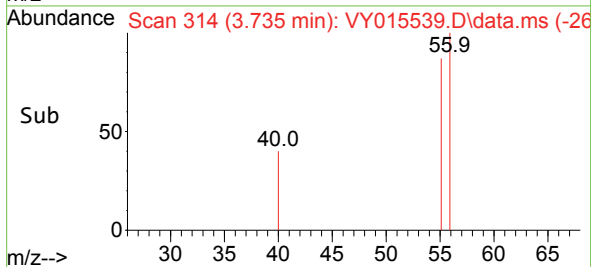
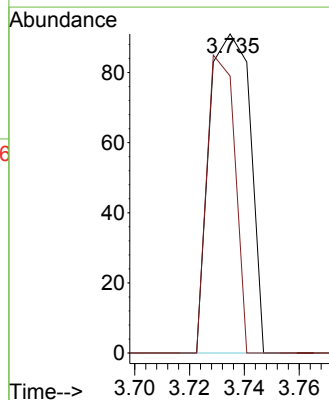
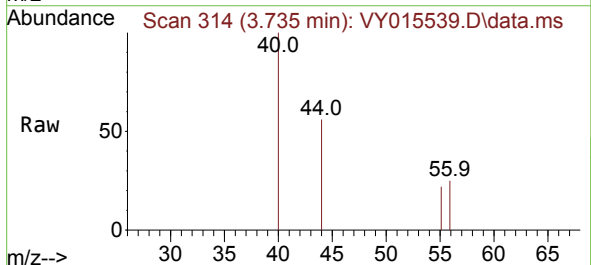
Instrument :
MSVOA_Y
ClientSampleId :

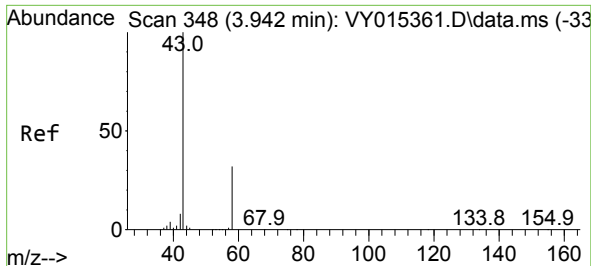
Tgt Ion:168 Resp: 410449
Ion Ratio Lower Upper
168 100
99 55.0 43.4 65.0



#13
Acrolein
Concen: 11.719 ug/l
RT: 3.735 min Scan# 314
Delta R.T. 0.012 min
Lab File: VY015539.D
Acq: 14 Sep 2023 17:26

Tgt Ion: 56 Resp: 94
Ion Ratio Lower Upper
56 100
55 63.8 57.0 85.4





#16

Acetone

Concen: 3.320 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY015539.D

Acq: 14 Sep 2023 17:26

Instrument :

MSVOA_Y

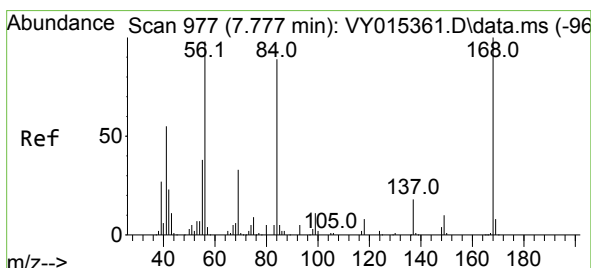
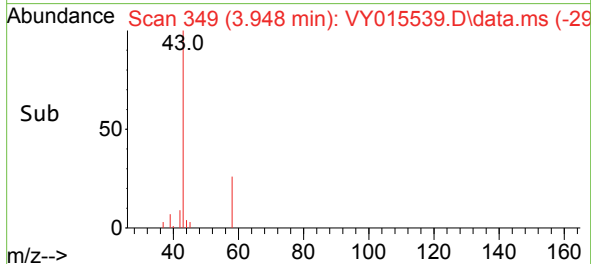
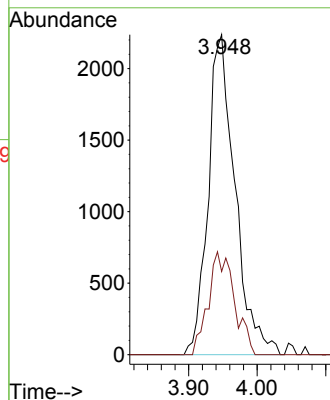
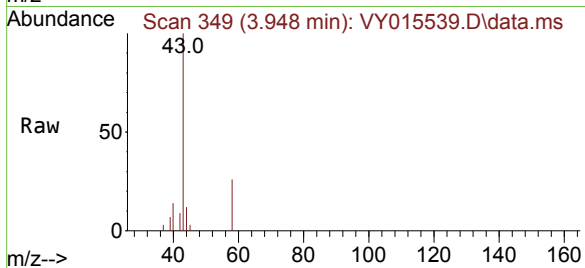
ClientSampleId :

Tgt Ion: 43 Resp: 6098

Ion Ratio Lower Upper

43 100

58 26.0 22.7 34.1



#31

Cyclohexane

Concen: 1.088 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY015539.D

Acq: 14 Sep 2023 17:26

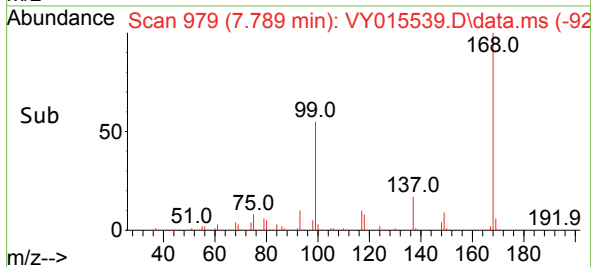
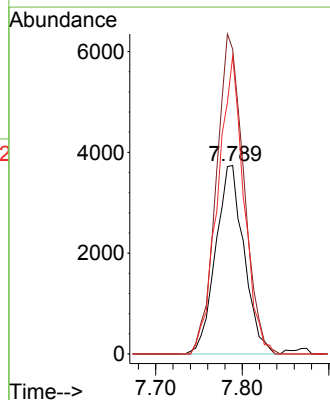
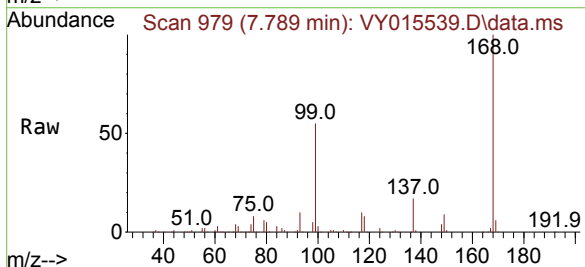
Tgt Ion: 56 Resp: 8504

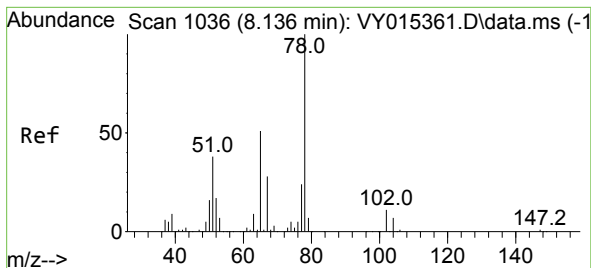
Ion Ratio Lower Upper

56 100

69 161.6 27.8 41.6#

84 158.0 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 56.829 ug/l

RT: 8.136 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY015539.D

Acq: 14 Sep 2023 17:26

Instrument :

MSVOA_Y

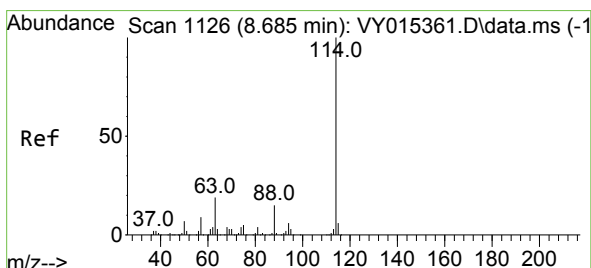
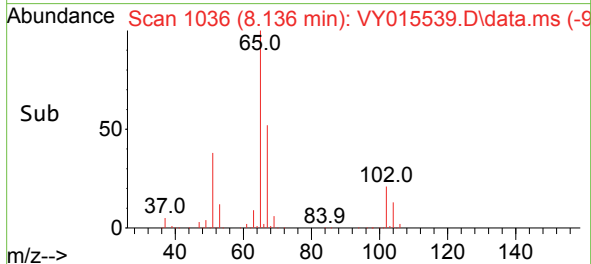
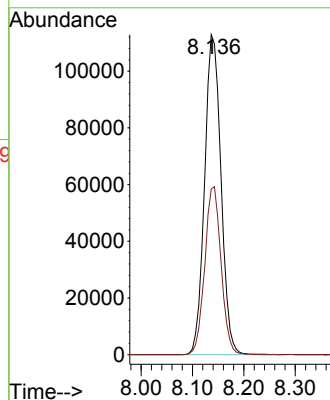
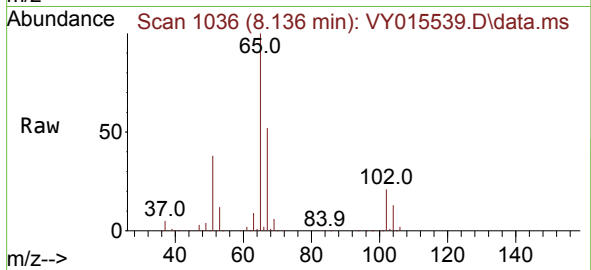
ClientSampleId :

Tgt Ion: 65 Resp: 250043

Ion Ratio Lower Upper

65 100

67 52.2 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015539.D

Acq: 14 Sep 2023 17:26

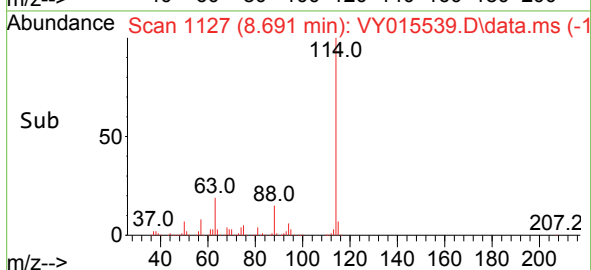
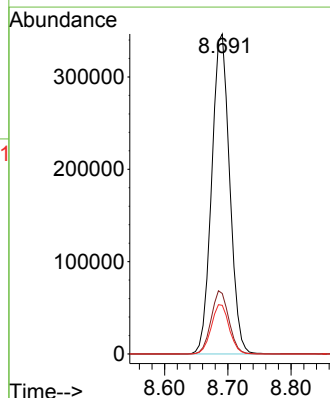
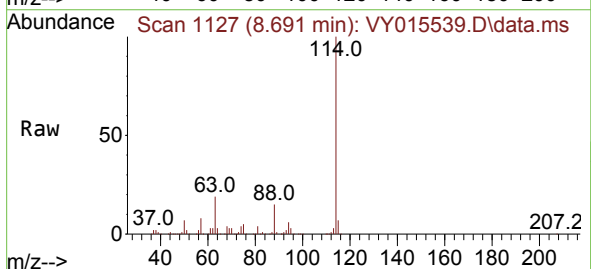
Tgt Ion: 114 Resp: 682474

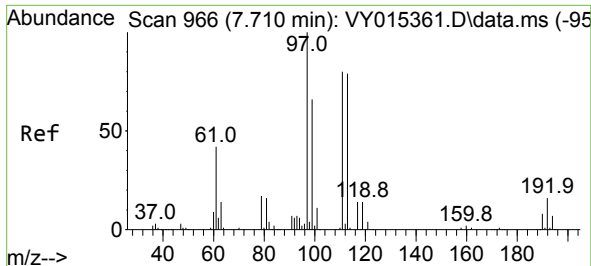
Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

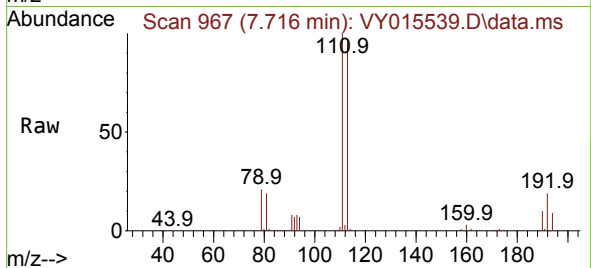
88 15.2 0.0 30.6



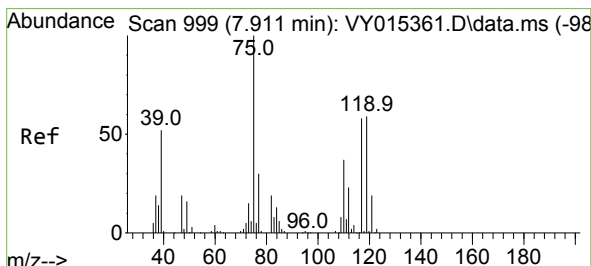
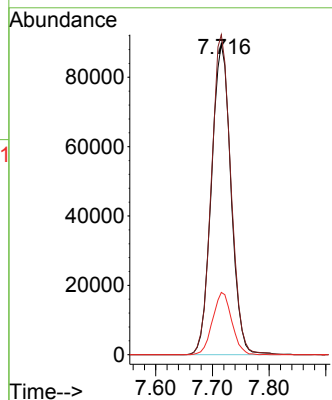
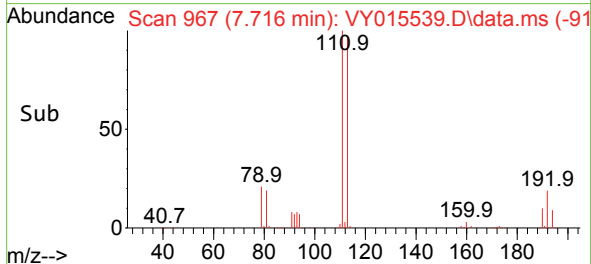


#35
Dibromofluoromethane
Concen: 54.475 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY015539.D
Acq: 14 Sep 2023 17:26

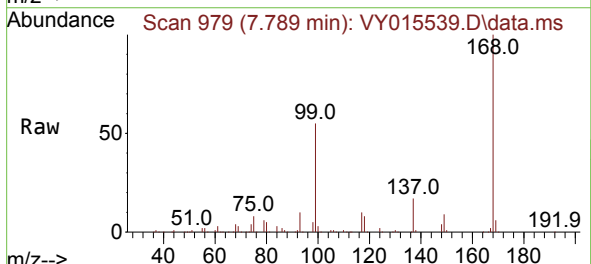
Instrument :
MSVOA_Y
ClientSampleId :



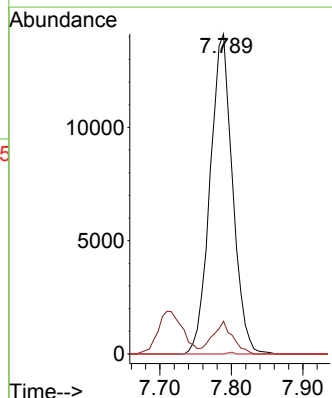
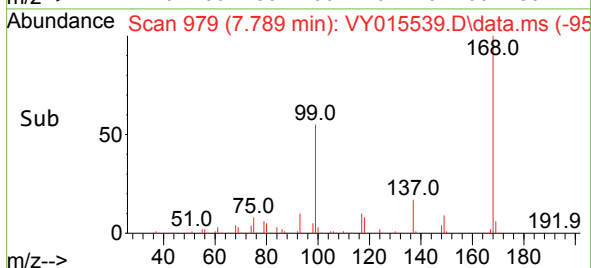
Tgt Ion:113 Resp: 214136
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 19.7 16.9 25.3

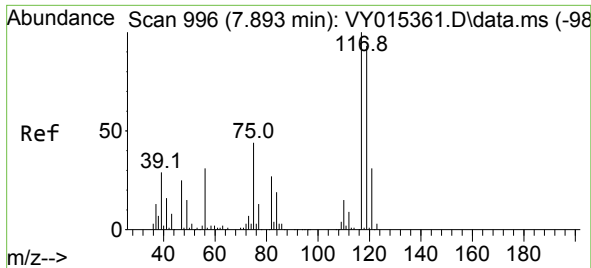


#36
1,1-Dichloropropene
Concen: 4.462 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY015539.D
Acq: 14 Sep 2023 17:26



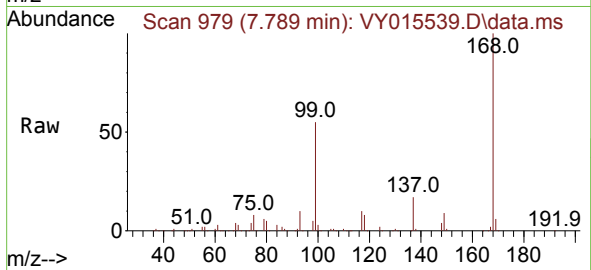
Tgt Ion: 75 Resp: 30800
Ion Ratio Lower Upper
75 100
110 9.2 17.8 53.5#
77 0.2 24.4 36.6#



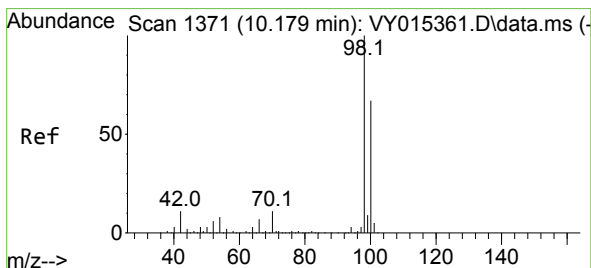
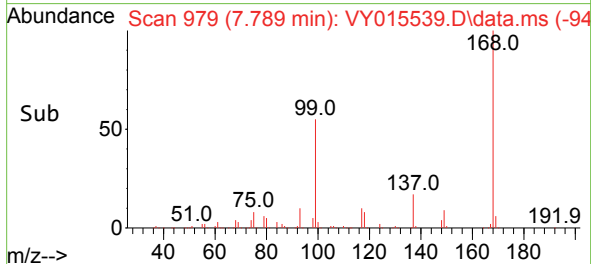
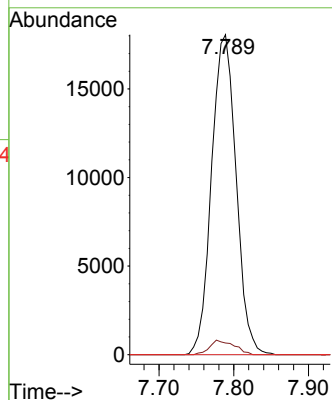


#38
Carbon Tetrachloride
Concen: 5.781 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY015539.D
Acq: 14 Sep 2023 17:26

Instrument :
MSVOA_Y
ClientSampleId :

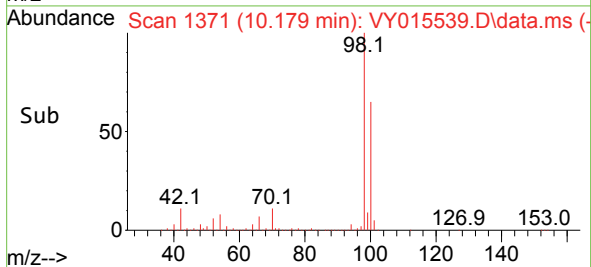
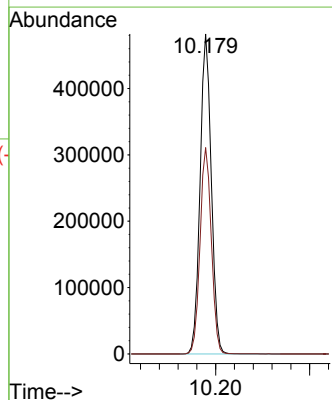
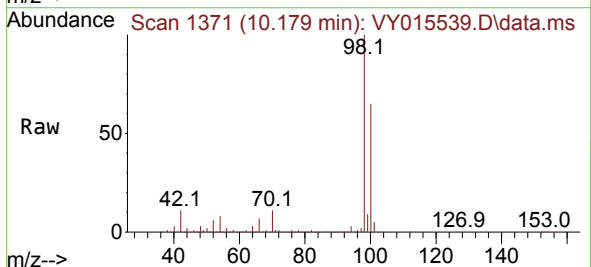


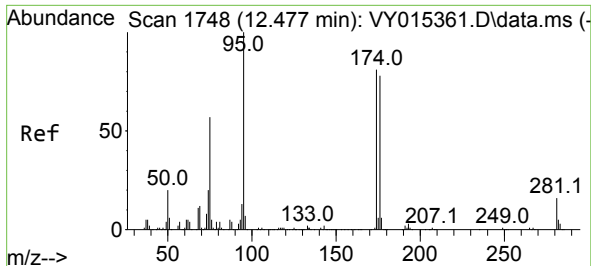
Tgt Ion:117 Resp: 41212
Ion Ratio Lower Upper
117 100
119 3.7 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 56.075 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015539.D
Acq: 14 Sep 2023 17:26

Tgt Ion: 98 Resp: 798247
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

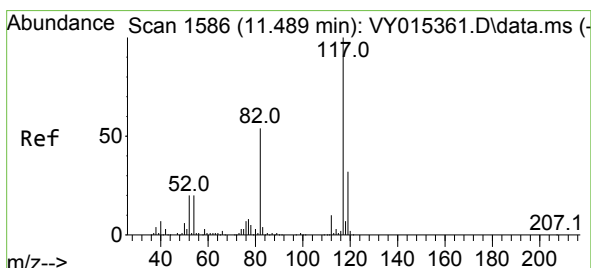
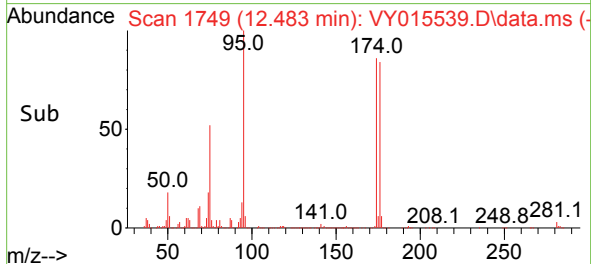
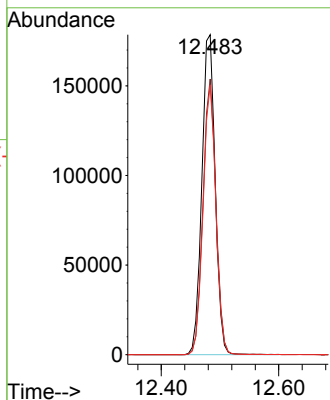
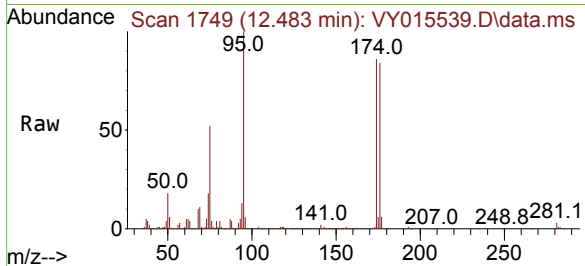




#62
4-Bromofluorobenzene
Concen: 53.002 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015539.D
Acq: 14 Sep 2023 17:26

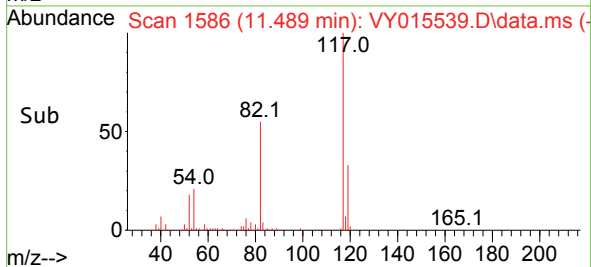
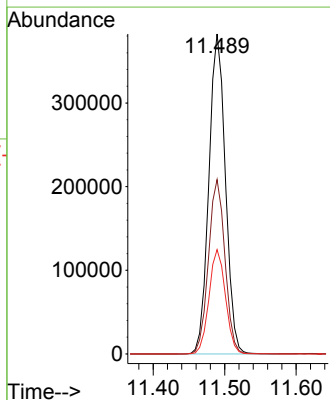
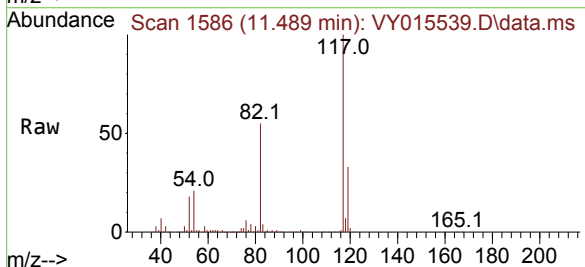
Instrument :
MSVOA_Y
ClientSampleId :

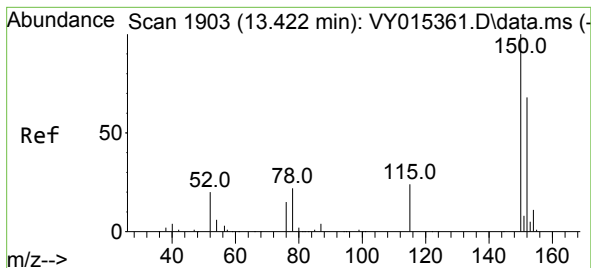
Tgt Ion: 95 Resp: 280096
Ion Ratio Lower Upper
95 100
174 84.2 0.0 178.2
176 81.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015539.D
Acq: 14 Sep 2023 17:26

Tgt Ion: 117 Resp: 614715
Ion Ratio Lower Upper
117 100
82 54.5 43.4 65.0
119 32.6 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

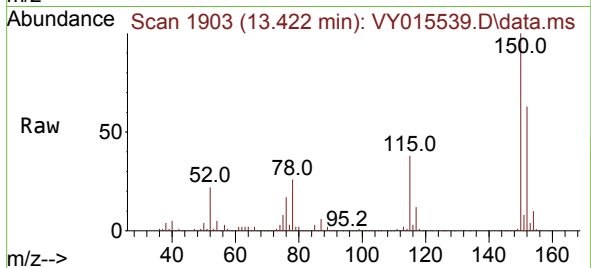
Lab File: VY015539.D

Acq: 14 Sep 2023 17:26

Instrument :

MSVOA_Y

ClientSampleId :



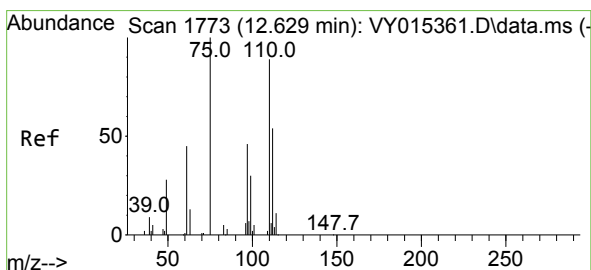
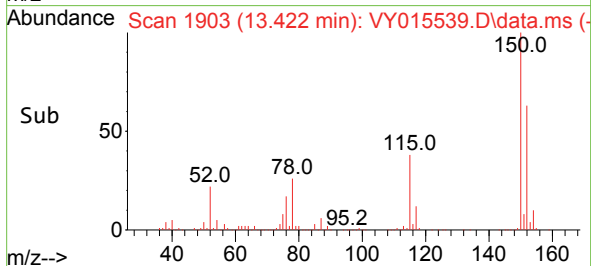
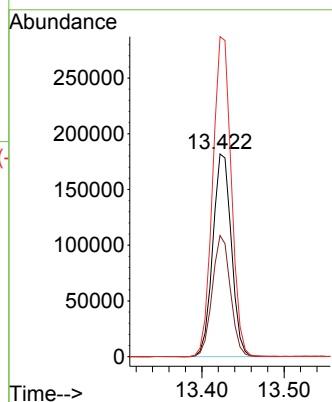
Tgt Ion:152 Resp: 285017

Ion Ratio Lower Upper

152 100

115 58.5 28.8 86.5

150 158.0 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 38.919 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY015539.D

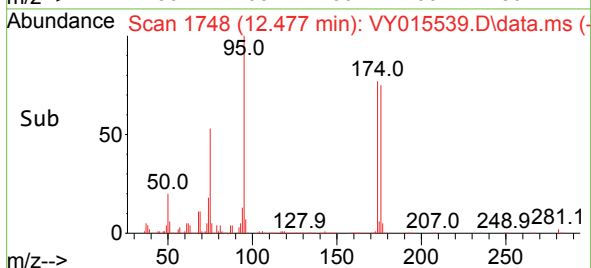
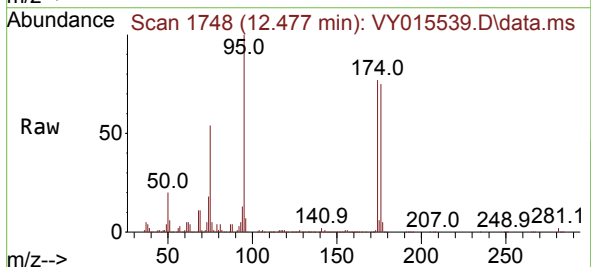
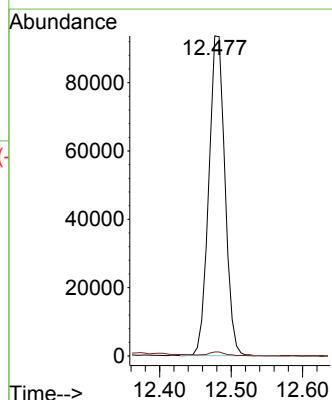
Acq: 14 Sep 2023 17:26

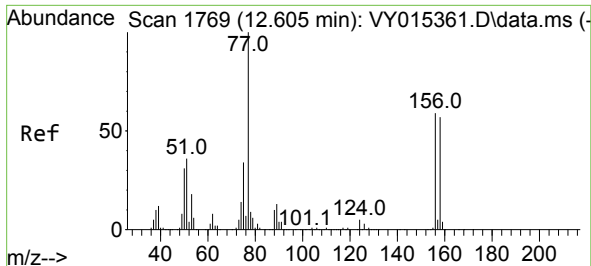
Tgt Ion: 75 Resp: 147100

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#

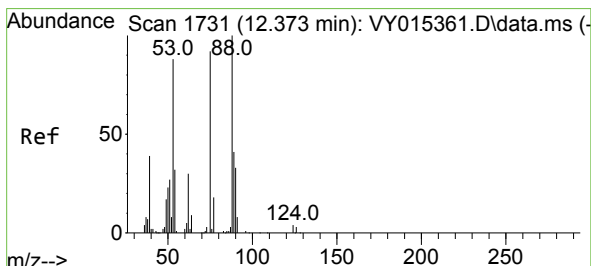
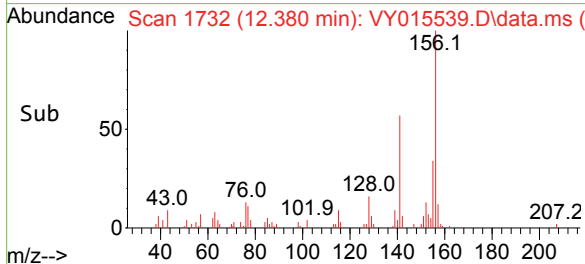
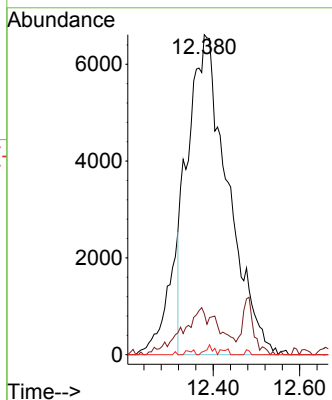
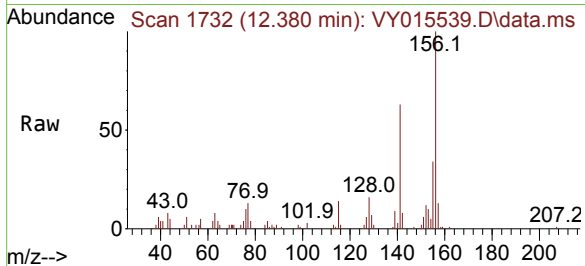




#77
Bromobenzene
Concen: 8.329 ug/l
RT: 12.380 min Scan# 1748
Delta R.T. -0.226 min
Lab File: VY015539.D
Acq: 14 Sep 2023 17:26

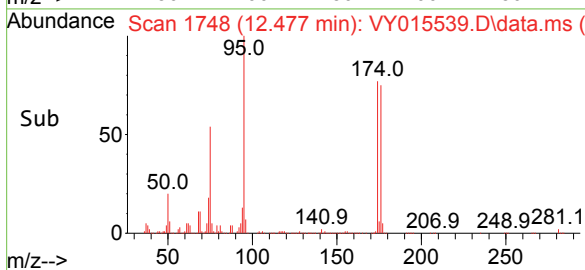
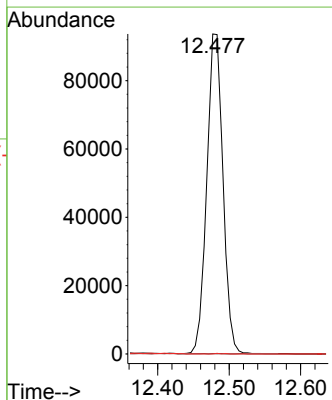
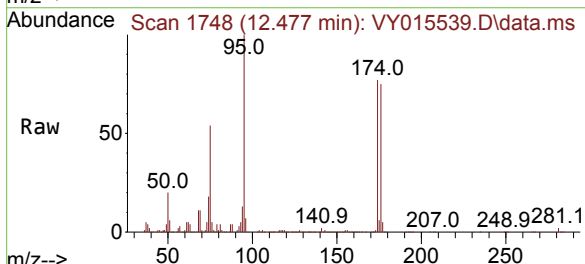
Instrument :
MSVOA_Y
ClientSampleId :

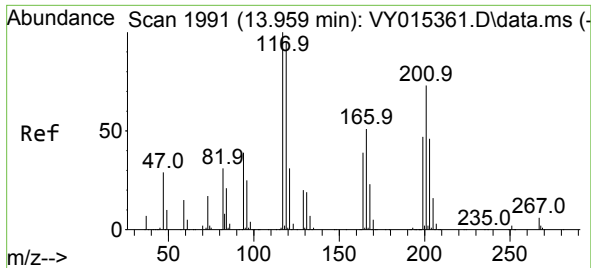
Tgt Ion:156 Resp: 42231
Ion Ratio Lower Upper
156 100
77 1.4 92.8 278.6#
158 0.6 48.4 145.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.852 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY015539.D
Acq: 14 Sep 2023 17:26

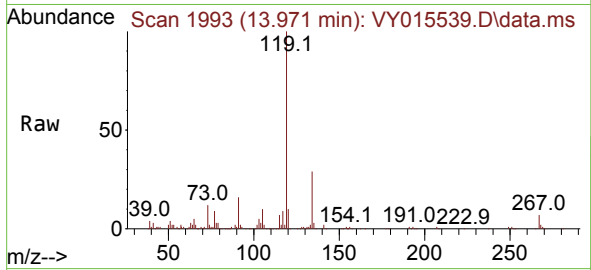
Tgt Ion: 75 Resp: 147100
Ion Ratio Lower Upper
75 100
53 0.1 77.8 116.8#
89 0.1 37.4 56.0#





#90
 Hexachloroethane
 Concen: 1.402 ug/l
 RT: 13.971 min Scan# 1993
 Delta R.T. 0.012 min
 Lab File: VY015539.D
 Acq: 14 Sep 2023 17:26

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:117 Resp: 4917
 Ion Ratio Lower Upper
 117 100
 201 0.0 41.6 124.8#

