

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091123\
 Data File : VY015497.D
 Acq On : 11 Sep 2023 19:14
 Operator : SY/MD
 Sample : 04374-07
 Misc : 5.67g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 12 01:21:51 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)

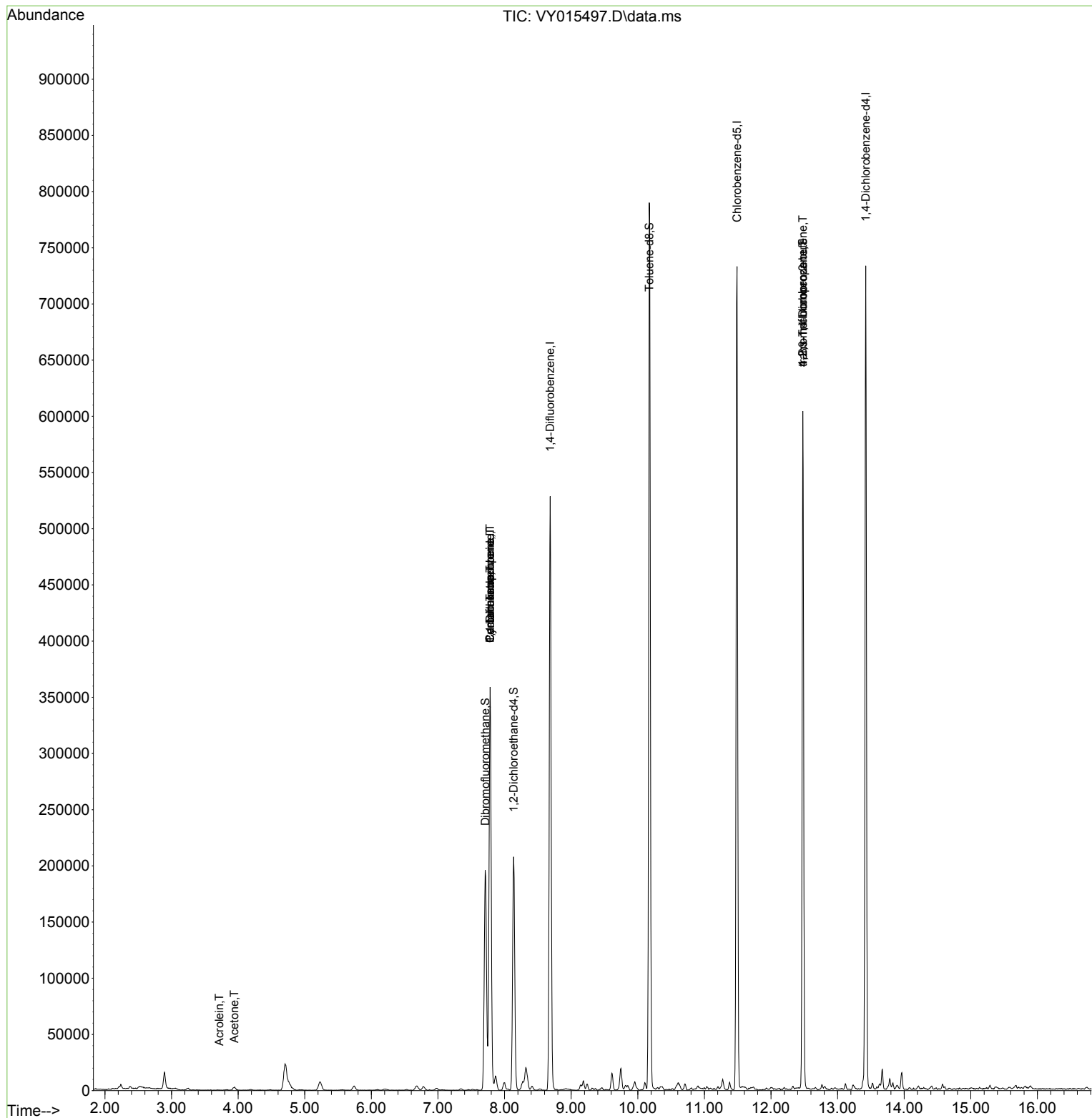
Internal Standards						
1) Pentafluorobenzene	7.783	168	275765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	448688	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	399655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	185763	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	164615	55.685	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.380%	
35) Dibromofluoromethane	7.710	113	138482	53.585	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.160%	
50) Toluene-d8	10.173	98	521976	55.773	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.540%	
62) 4-Bromofluorobenzene	12.477	95	174096	50.109	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.220%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	429	Below Cal	#	89
13) Acrolein	3.717	56	56	11.711	ug/l #	79
16) Acetone	3.942	43	3912	3.170	ug/l	96
20) Methylene Chloride	4.710	84	16017	Below Cal		87
31) Cyclohexane	7.783	56	7524	1.433	ug/l #	17
36) 1,1-Dichloropropene	7.783	75	20494	4.516	ug/l #	49
38) Carbon Tetrachloride	7.783	117	28053	5.986	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	93755	38.059	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	93755	83.954	ug/l #	11

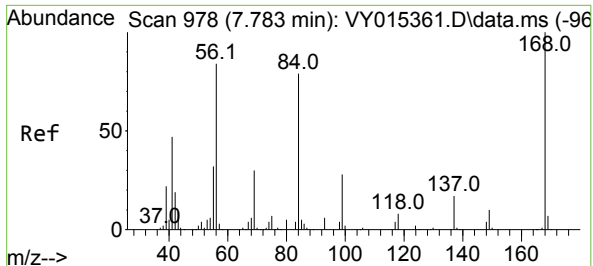
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091123\
Data File : VY015497.D
Acq On : 11 Sep 2023 19:14
Operator : SY/MD
Sample : 04374-07
Misc : 5.67g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

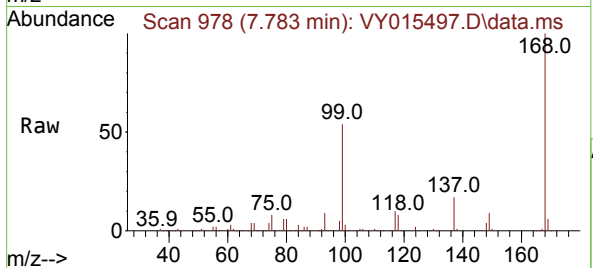
Quant Time: Sep 12 01:21:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration



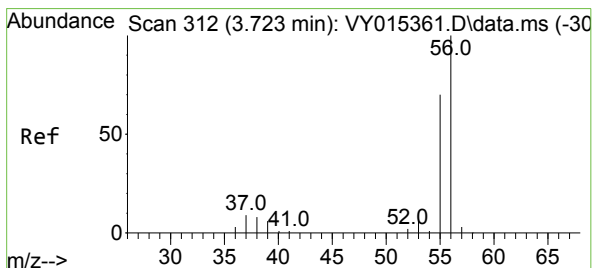
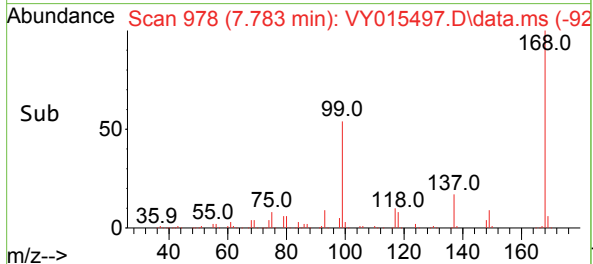
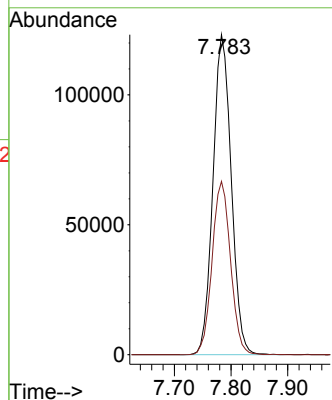


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015497.D
Acq: 11 Sep 2023 19:14

Instrument :
MSVOA_Y
ClientSampleId :

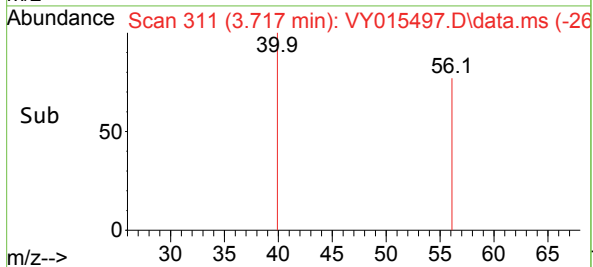
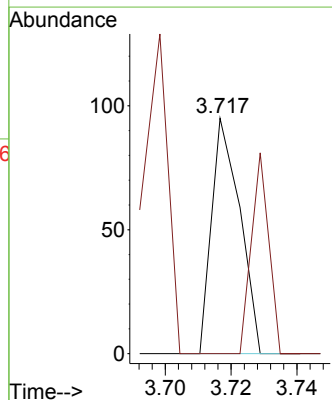
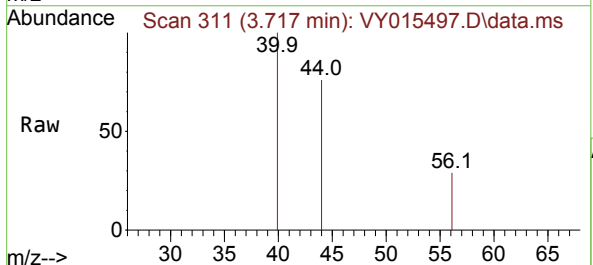


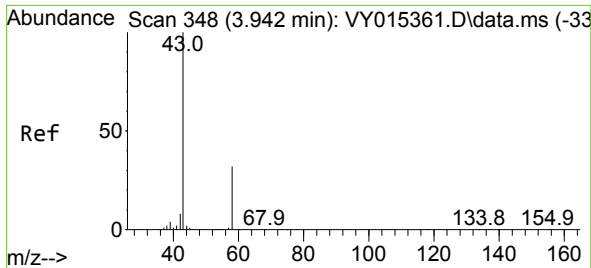
Tgt Ion:168 Resp: 275765
Ion Ratio Lower Upper
168 100
99 54.1 43.4 65.0



#13
Acrolein
Concen: 11.711 ug/l
RT: 3.717 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY015497.D
Acq: 11 Sep 2023 19:14

Tgt Ion: 56 Resp: 56
Ion Ratio Lower Upper
56 100
55 53.6 57.0 85.4#





#16

Acetone

Concen: 3.170 ug/l

RT: 3.942 min Scan# 34

Delta R.T. 0.000 min

Lab File: VY015497.D

Acq: 11 Sep 2023 19:14

Instrument :

MSVOA_Y

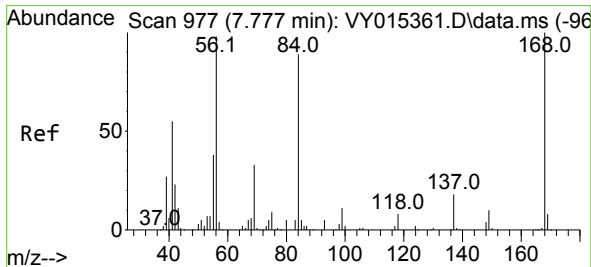
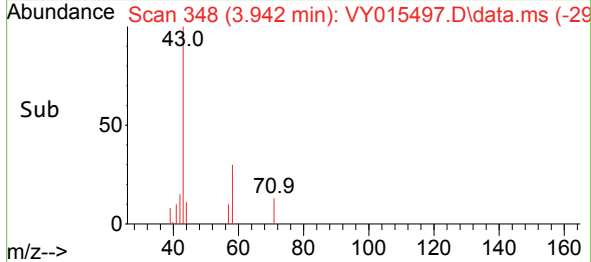
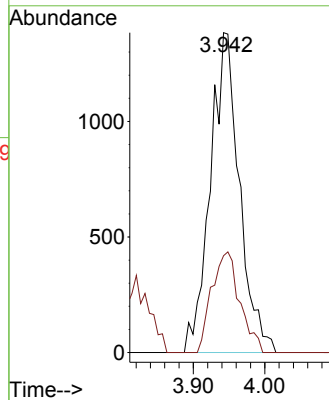
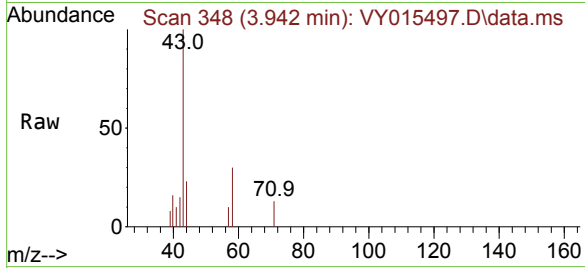
ClientSampleId :

Tgt Ion: 43 Resp: 3912

Ion Ratio Lower Upper

43 100

58 30.3 22.7 34.1



#31

Cyclohexane

Concen: 1.433 ug/l

RT: 7.783 min Scan# 978

Delta R.T. 0.000 min

Lab File: VY015497.D

Acq: 11 Sep 2023 19:14

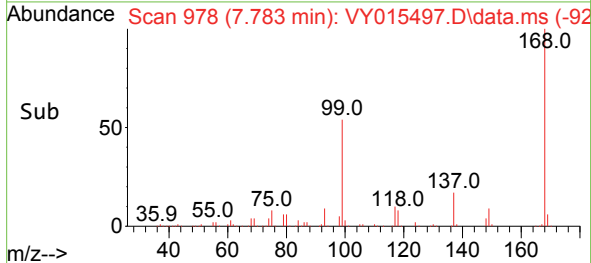
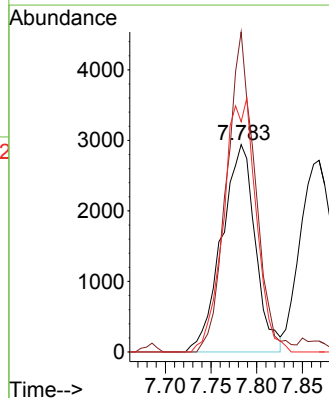
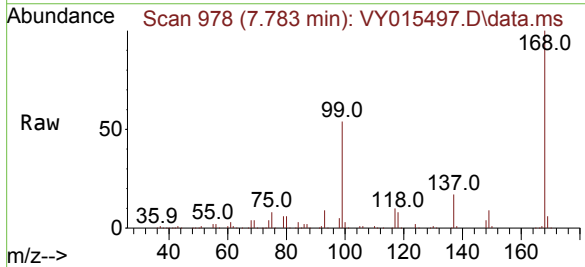
Tgt Ion: 56 Resp: 7524

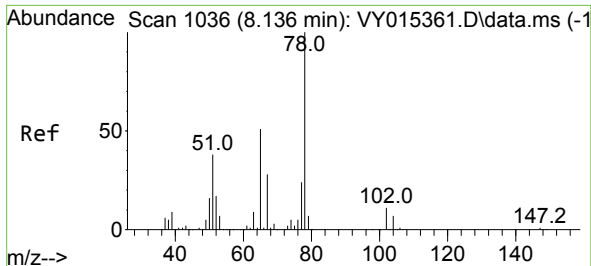
Ion Ratio Lower Upper

56 100

69 154.3 27.8 41.6#

84 111.1 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 55.685 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015497.D

Acq: 11 Sep 2023 19:14

Instrument :

MSVOA_Y

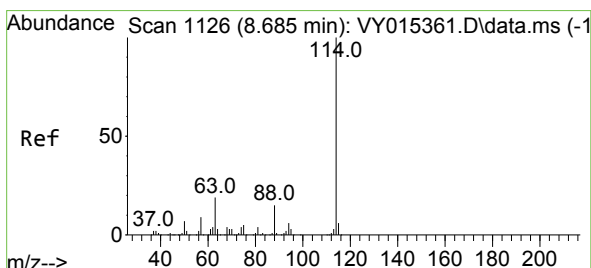
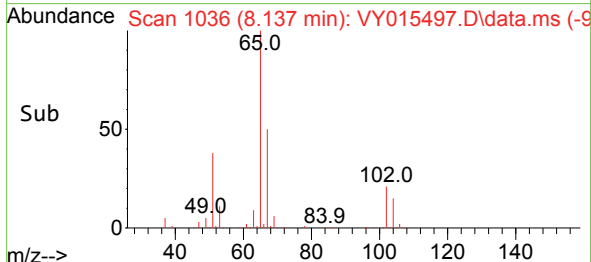
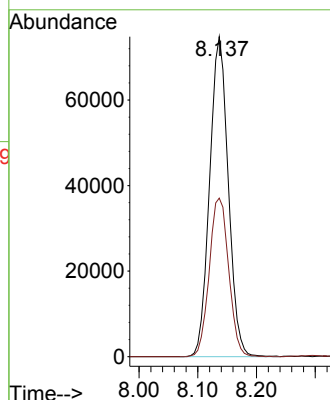
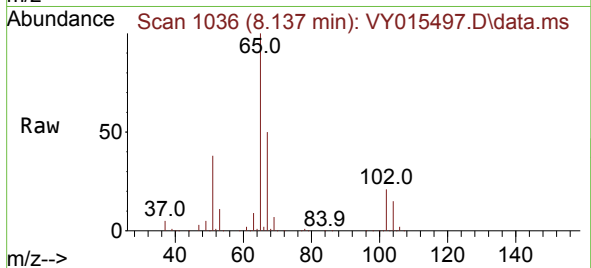
ClientSampleId :

Tgt Ion: 65 Resp: 164615

Ion Ratio Lower Upper

65 100

67 51.7 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: VY015497.D

Acq: 11 Sep 2023 19:14

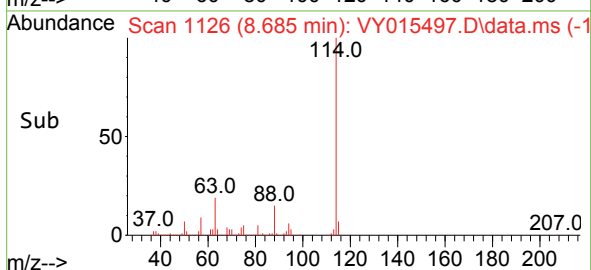
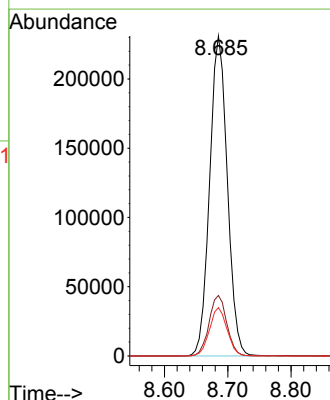
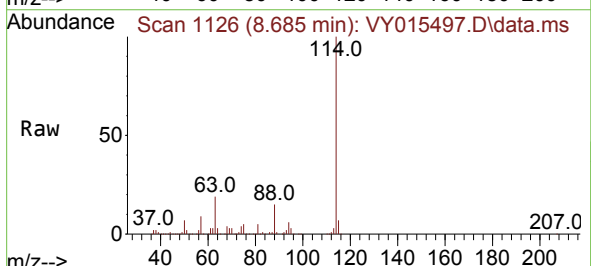
Tgt Ion:114 Resp: 448688

Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 15.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.585 ug/l

RT: 7.710 min Scan# 91

Delta R.T. -0.006 min

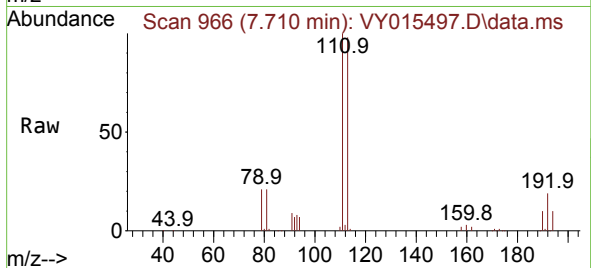
Lab File: VY015497.D

Acq: 11 Sep 2023 19:14

Instrument :

MSVOA_Y

ClientSampleId :



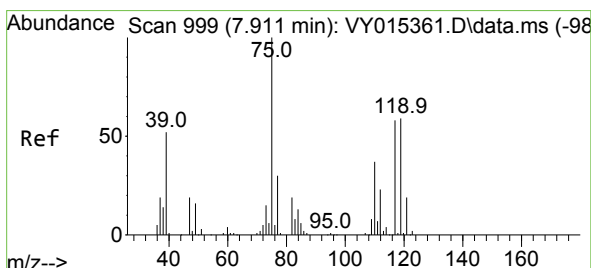
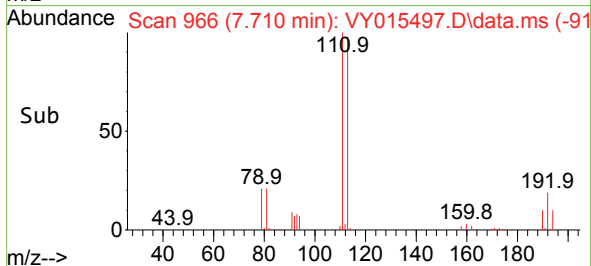
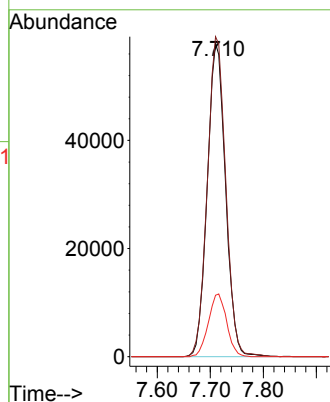
Tgt Ion:113 Resp: 138482

Ion Ratio Lower Upper

113 100

111 103.0 81.3 121.9

192 20.0 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.516 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.128 min

Lab File: VY015497.D

Acq: 11 Sep 2023 19:14

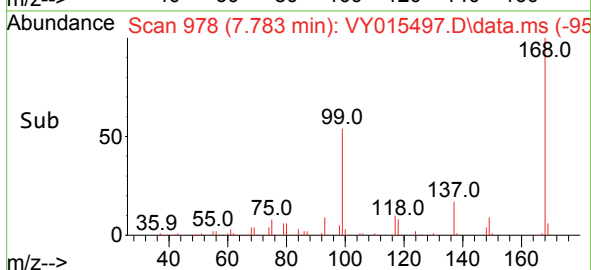
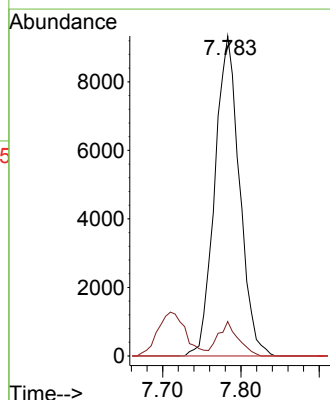
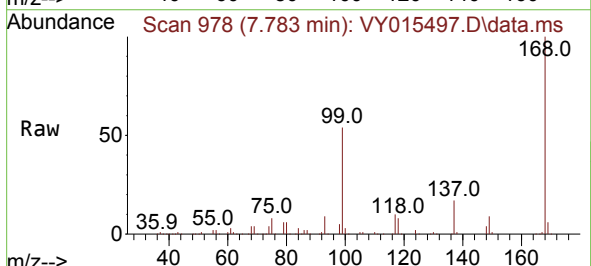
Tgt Ion: 75 Resp: 20494

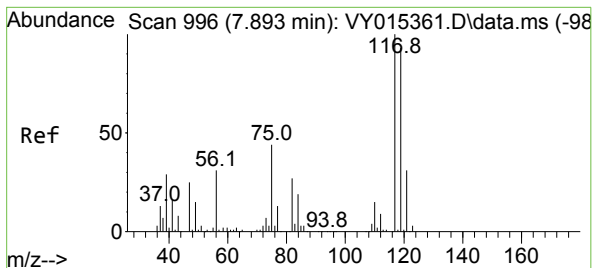
Ion Ratio Lower Upper

75 100

110 8.6 17.8 53.5#

77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 5.986 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.110 min

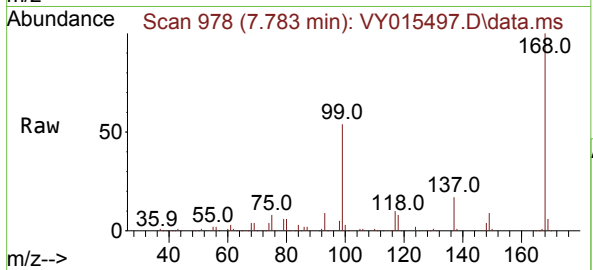
Lab File: VY015497.D

Acq: 11 Sep 2023 19:14

Instrument :

MSVOA_Y

ClientSampleId :



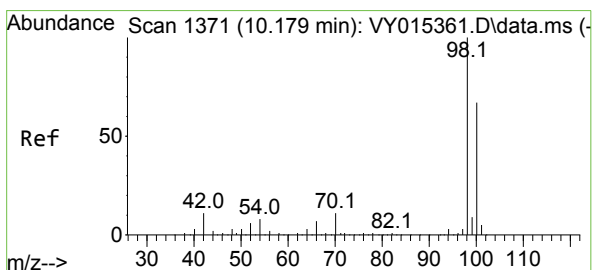
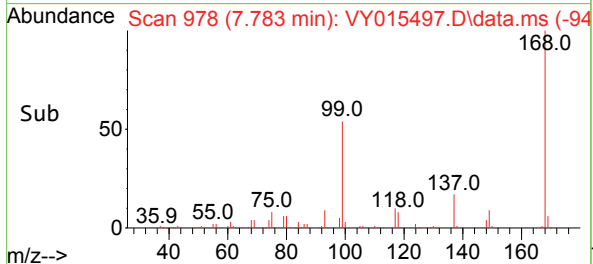
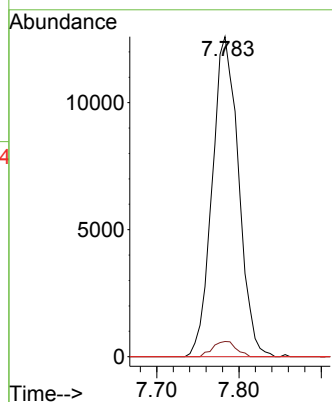
Tgt Ion:117 Resp: 28053

Ion Ratio Lower Upper

117 100

119 4.8 76.4 114.6#

121 0.0 25.8 38.6#



#50

Toluene-d8

Concen: 55.773 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY015497.D

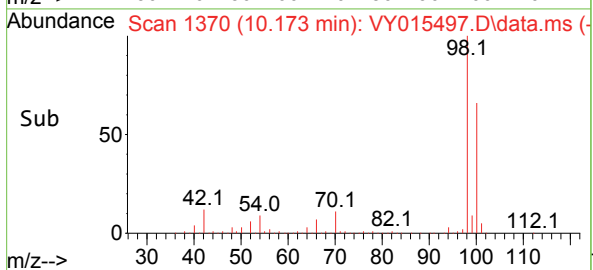
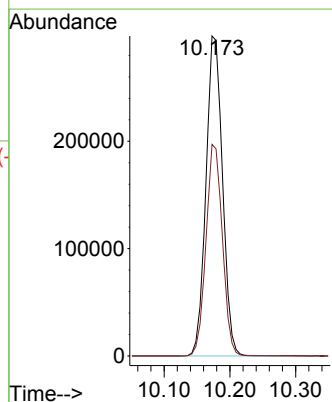
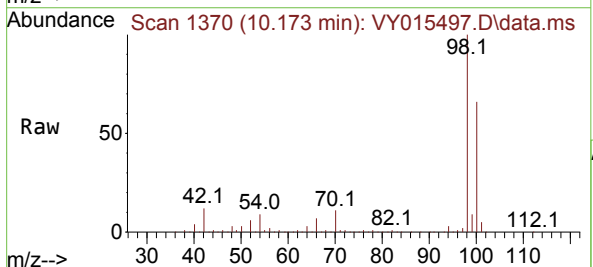
Acq: 11 Sep 2023 19:14

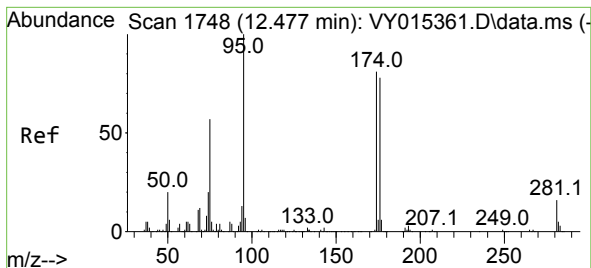
Tgt Ion: 98 Resp: 521976

Ion Ratio Lower Upper

98 100

100 65.5 50.1 75.1

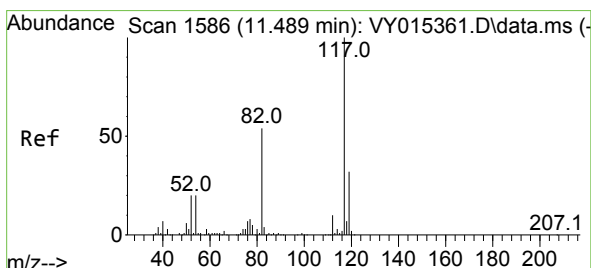
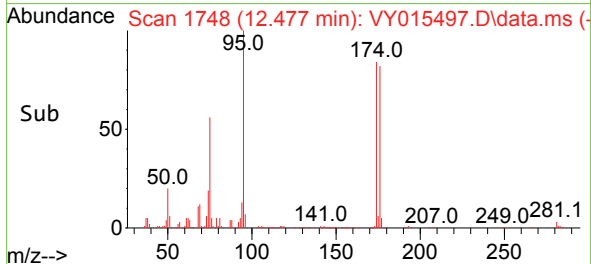
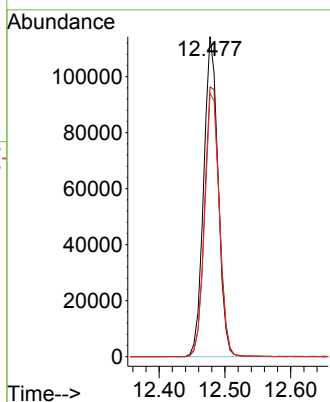
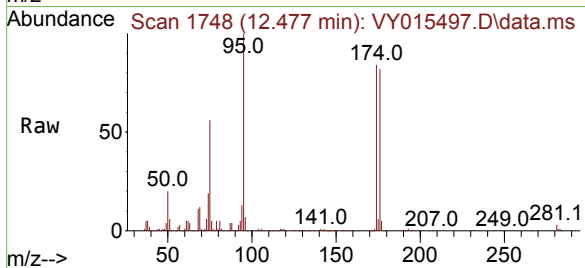




#62
4-Bromofluorobenzene
Concen: 50.109 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015497.D
Acq: 11 Sep 2023 19:14

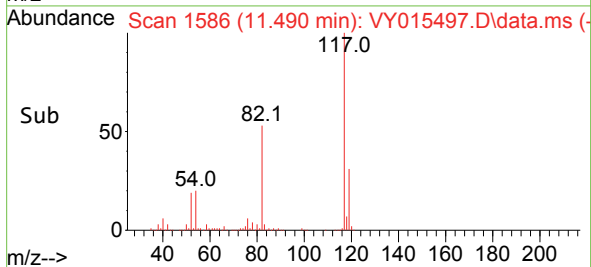
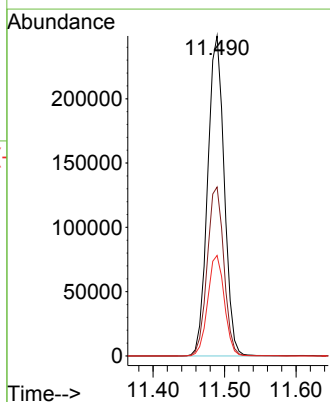
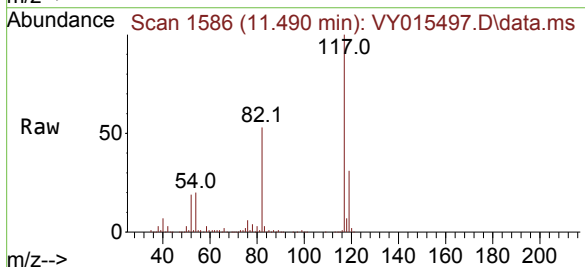
Instrument :
MSVOA_Y
ClientSampleId :

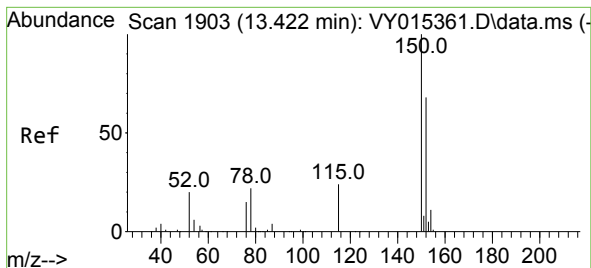
Tgt Ion: 95 Resp: 174096
Ion Ratio Lower Upper
95 100
174 86.8 0.0 178.2
176 83.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015497.D
Acq: 11 Sep 2023 19:14

Tgt Ion: 117 Resp: 399655
Ion Ratio Lower Upper
117 100
82 52.8 43.4 65.0
119 31.4 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

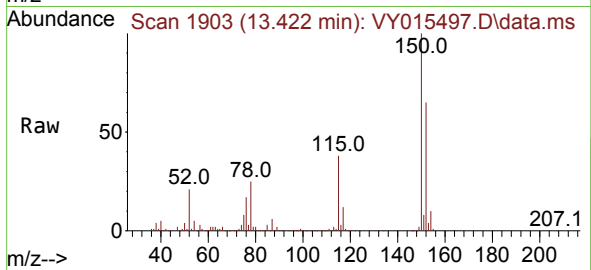
Lab File: VY015497.D

Acq: 11 Sep 2023 19:14

Instrument :

MSVOA_Y

ClientSampleId :



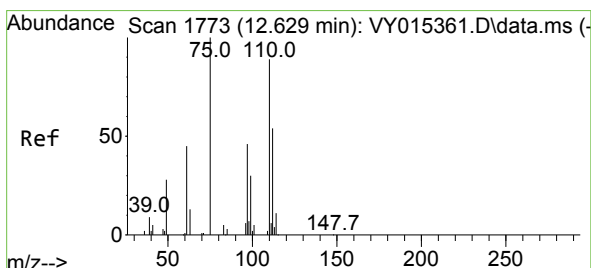
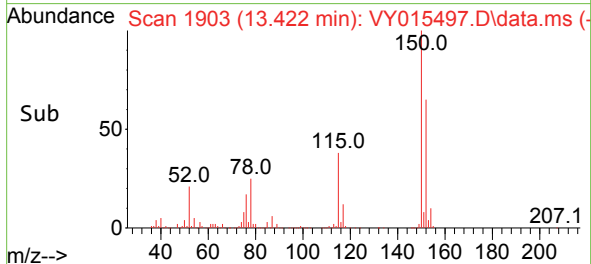
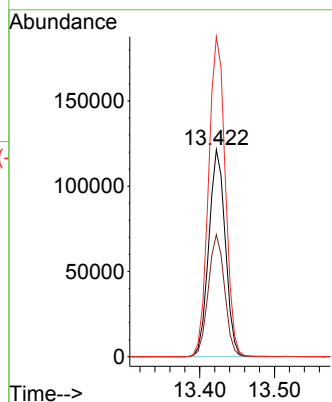
Tgt Ion:152 Resp: 185763

Ion Ratio Lower Upper

152 100

115 58.5 28.8 86.5

150 157.3 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 38.059 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY015497.D

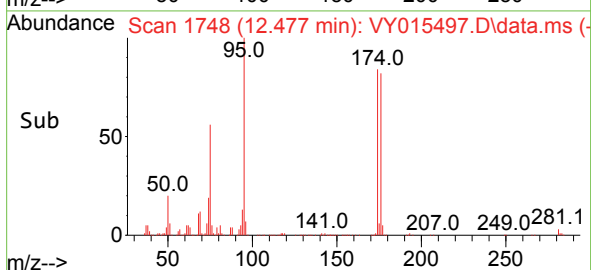
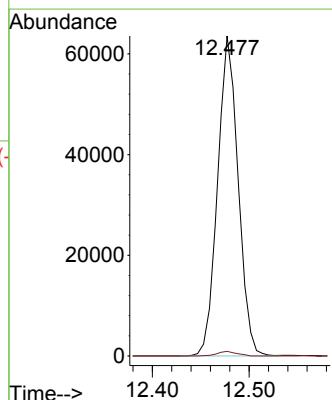
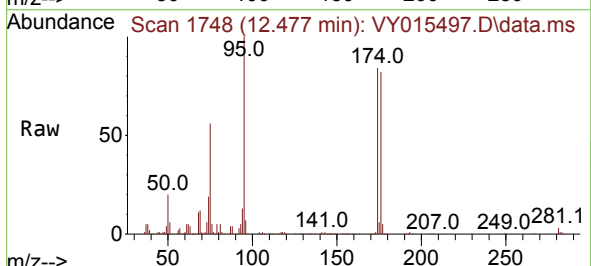
Acq: 11 Sep 2023 19:14

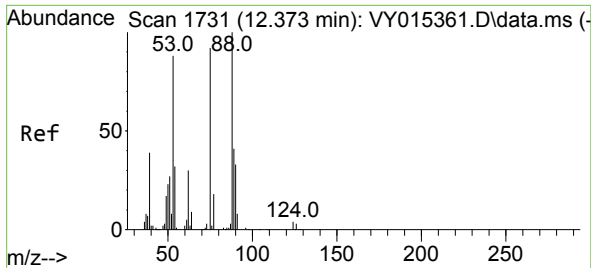
Tgt Ion: 75 Resp: 93755

Ion Ratio Lower Upper

75 100

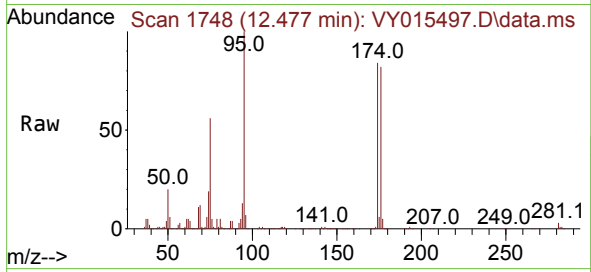
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.954 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY015497.D
 Acq: 11 Sep 2023 19:14

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#

