

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015574.D
 Acq On : 15 Sep 2023 17:02
 Operator : SY/MD
 Sample : 04399-03
 Misc : 4.47g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 15 17:37:30 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)

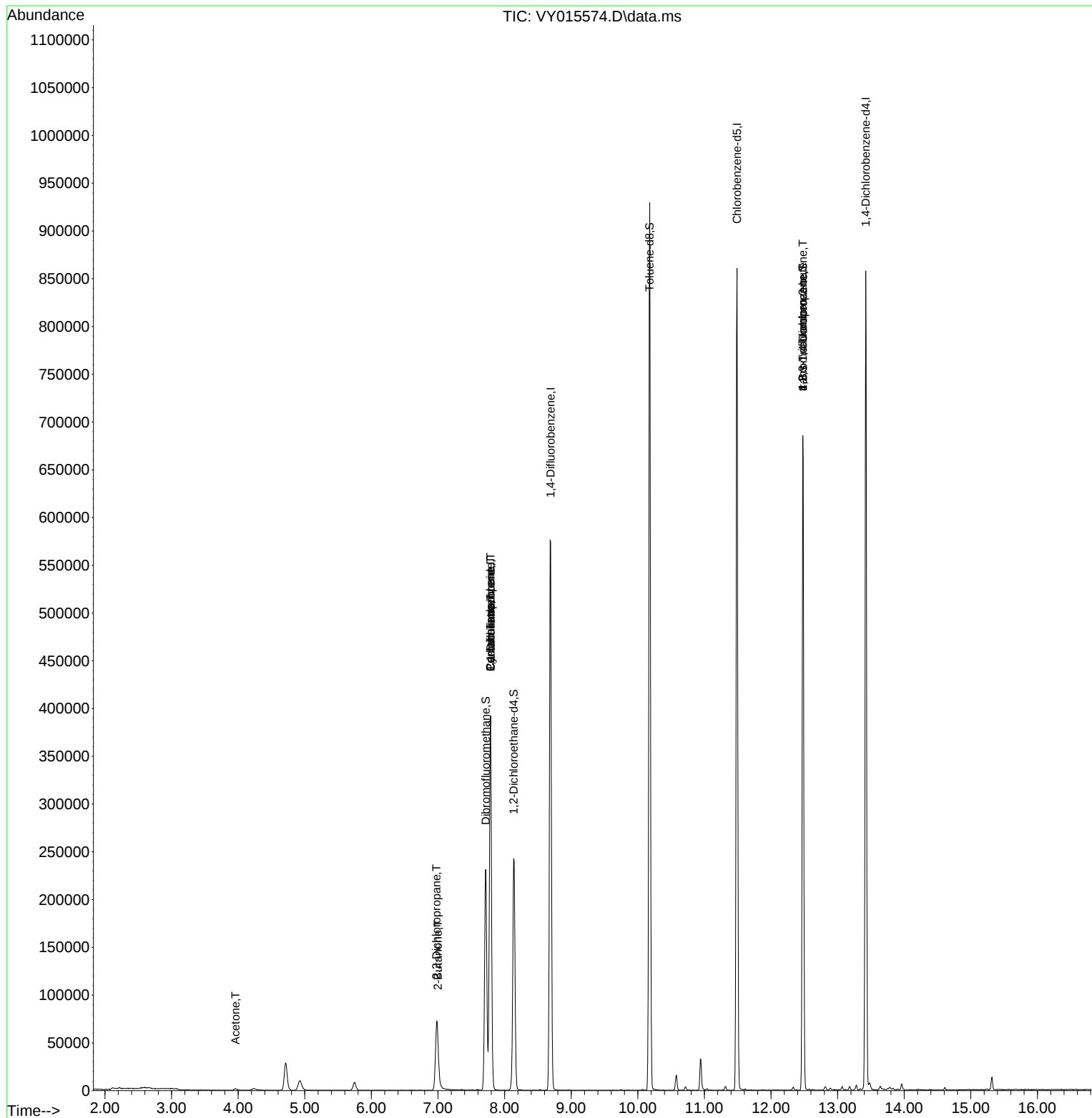
Internal Standards						
1) Pentafluorobenzene	7.789	168	299791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	505527	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	458645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	215824	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	191418	59.563	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.120%	
35) Dibromofluoromethane	7.716	113	159358	54.730	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.460%	
50) Toluene-d8	10.179	98	595600	56.485	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.960%	
62) 4-Bromofluorobenzene	12.477	95	205163	52.411	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.820%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.923	59	10812	Below Cal	#	89
16) Acetone	3.960	43	3157	2.354	ug/l #	88
20) Methylene Chloride	4.710	84	22059	Below Cal	#	92
25) 2-Butanone	6.996	43	3705	1.947	ug/l #	83
26) 2,2-Dichloropropane	6.978	77	5611	1.101	ug/l #	54
31) Cyclohexane	7.789	56	6172	1.081	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	23466	4.590	ug/l #	50
38) Carbon Tetrachloride	7.789	117	30251	5.729	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	109321	38.197	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	109321	84.258	ug/l #	10

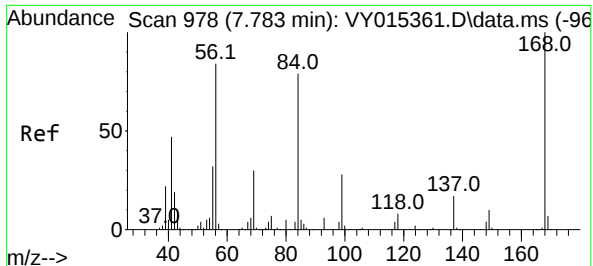
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
Data File : VY015574.D
Acq On : 15 Sep 2023 17:02
Operator : SY/MD
Sample : 04399-03
Misc : 4.47g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

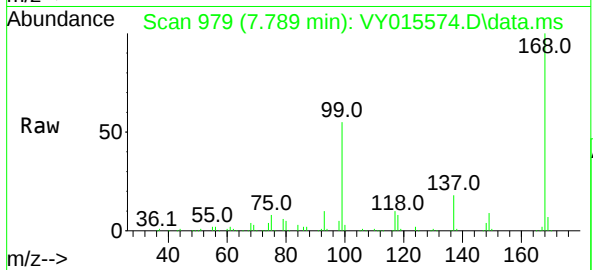
Quant Time: Sep 15 17:37:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration



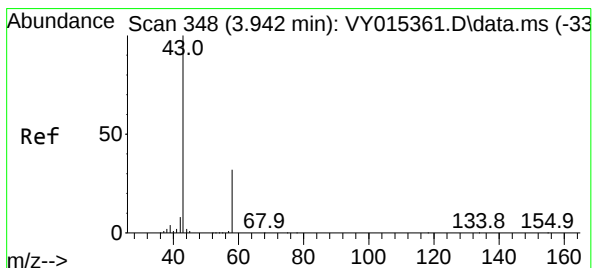
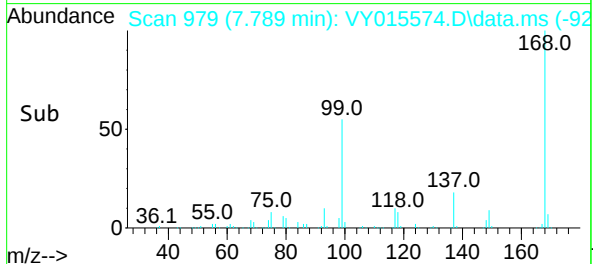
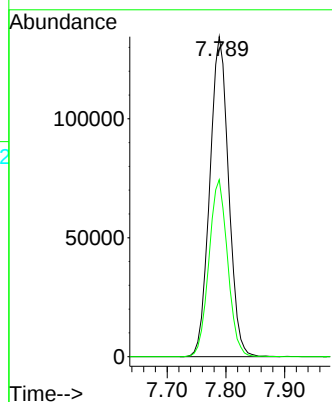


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015574.D
Acq: 15 Sep 2023 17:02

Instrument :
MSVOA_Y
ClientSampleId :

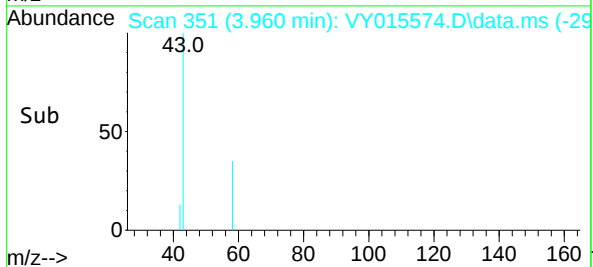
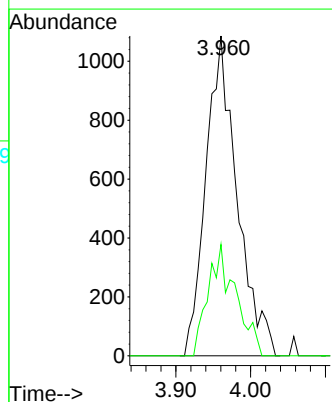
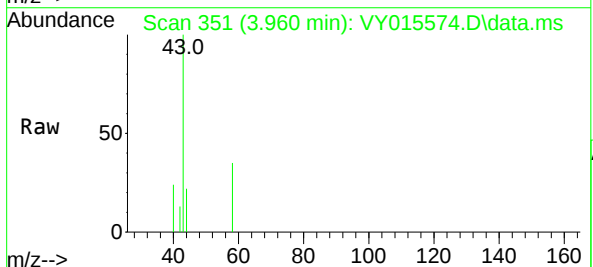


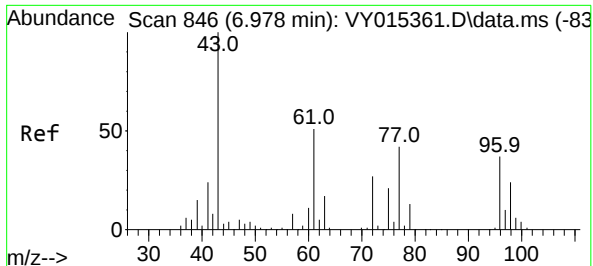
Tgt Ion:168 Resp: 299791
Ion Ratio Lower Upper
168 100
99 55.3 43.4 65.0



#16
Acetone
Concen: 2.354 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY015574.D
Acq: 15 Sep 2023 17:02

Tgt Ion: 43 Resp: 3157
Ion Ratio Lower Upper
43 100
58 34.8 22.7 34.1#





#25

2-Butanone

Concen: 1.947 ug/l

RT: 6.996 min Scan# 84

Delta R.T. 0.018 min

Lab File: VY015574.D

Acq: 15 Sep 2023 17:02

Instrument :

MSVOA_Y

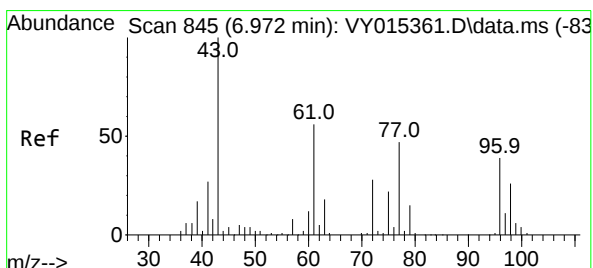
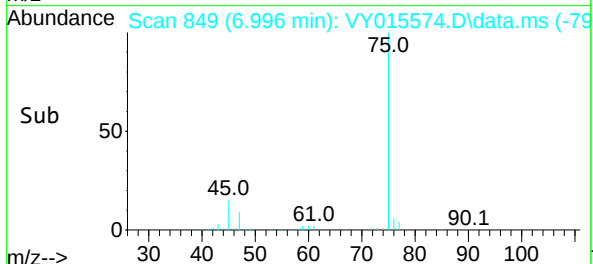
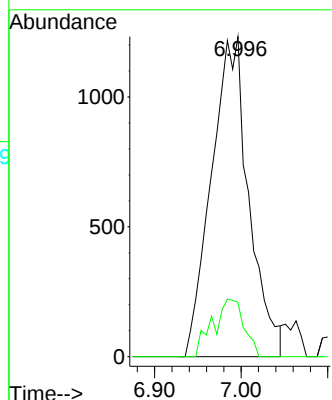
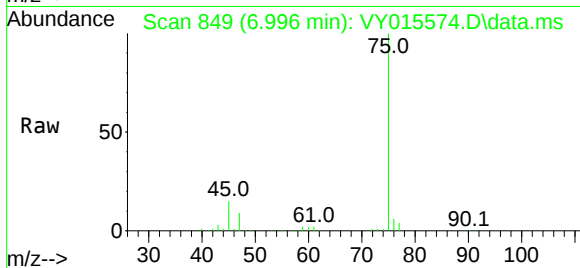
ClientSampleId :

Tgt Ion: 43 Resp: 3705

Ion Ratio Lower Upper

43 100

72 17.0 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 1.101 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY015574.D

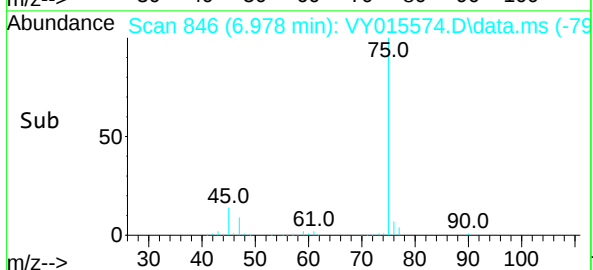
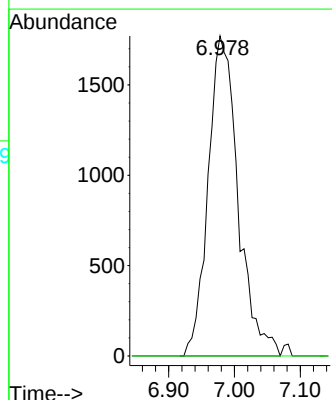
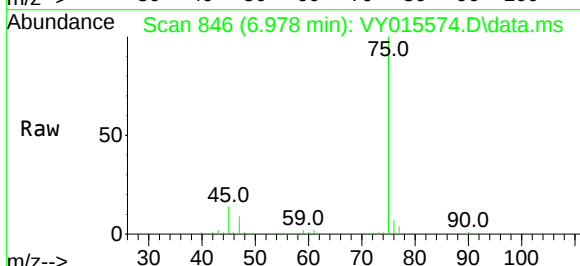
Acq: 15 Sep 2023 17:02

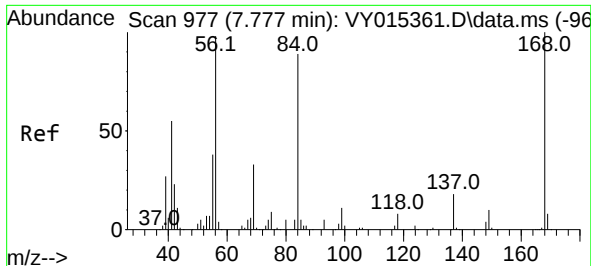
Tgt Ion: 77 Resp: 5611

Ion Ratio Lower Upper

77 100

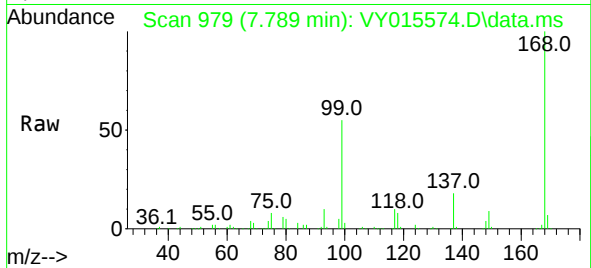
97 0.0 10.9 32.9#



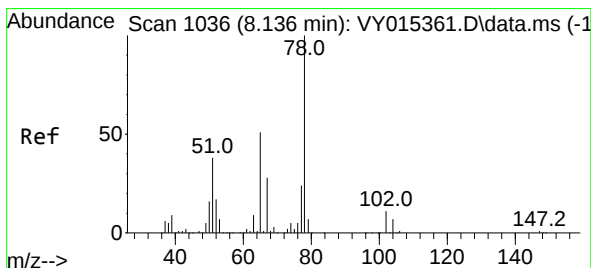
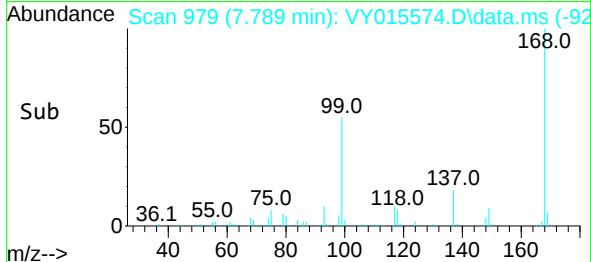
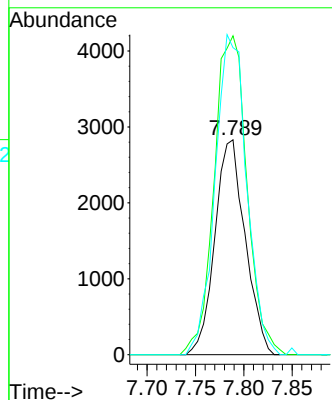


#31
Cyclohexane
Concen: 1.081 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015574.D
Acq: 15 Sep 2023 17:02

Instrument :
MSVOA_Y
ClientSampleId :

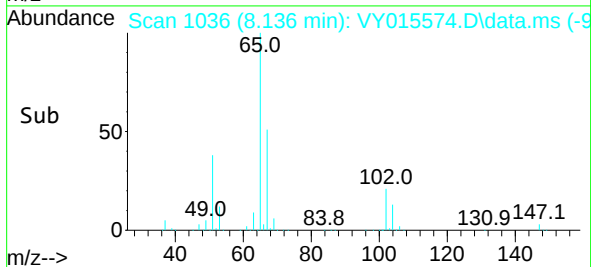
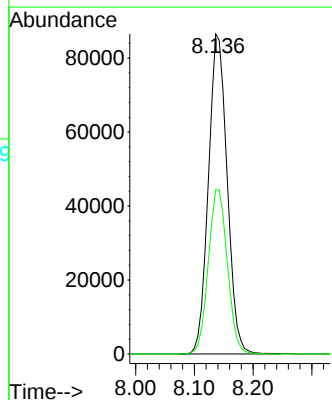
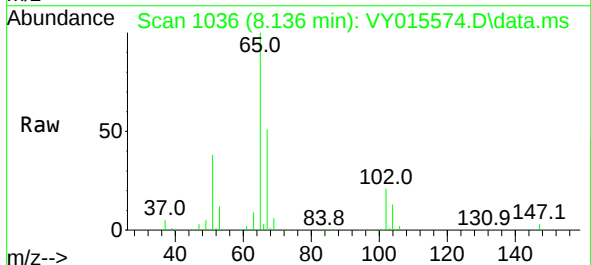


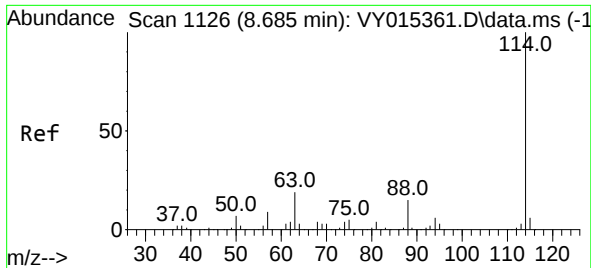
Tgt Ion: 56 Resp: 6172
Ion Ratio Lower Upper
56 100
69 148.4 27.8 41.6#
84 142.8 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 59.563 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY015574.D
Acq: 15 Sep 2023 17:02

Tgt Ion: 65 Resp: 191418
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.8

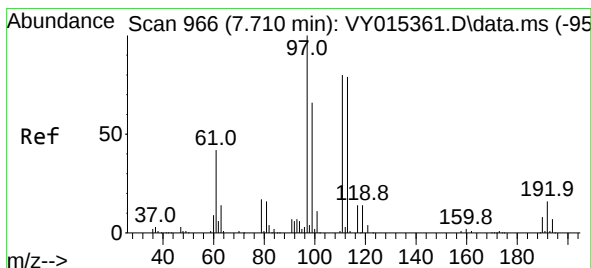
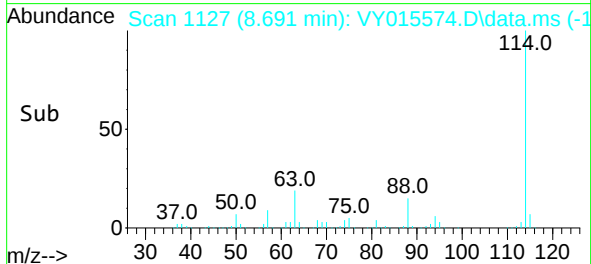
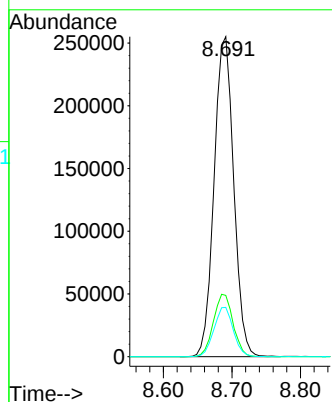
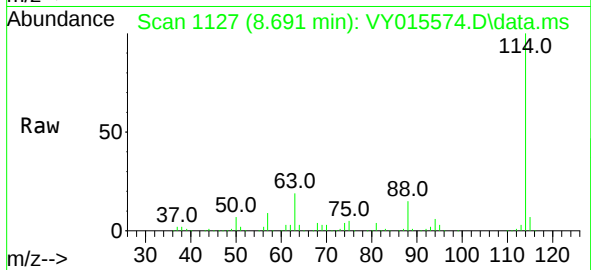




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY015574.D
Acq: 15 Sep 2023 17:02

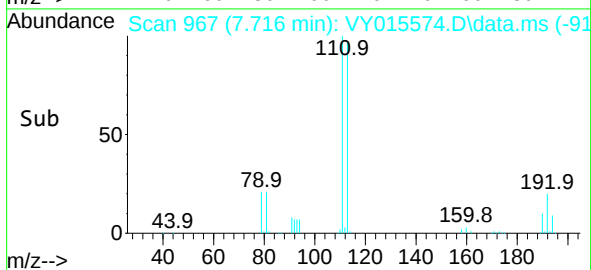
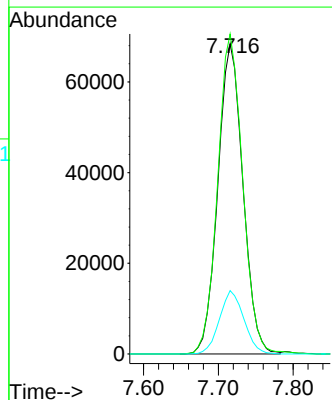
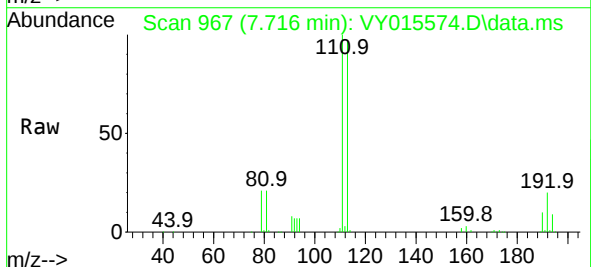
Instrument :
MSVOA_Y
ClientSampleId :

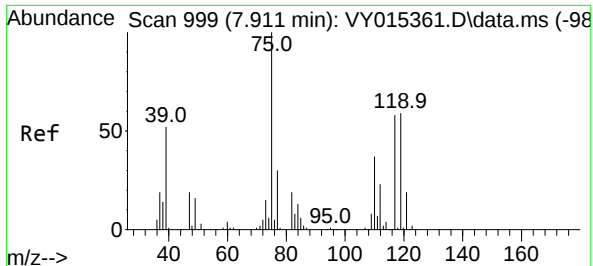
Tgt Ion:114 Resp: 505527
Ion Ratio Lower Upper
114 100
63 19.1 0.0 42.4
88 15.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.730 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY015574.D
Acq: 15 Sep 2023 17:02

Tgt Ion:113 Resp: 159358
Ion Ratio Lower Upper
113 100
111 102.9 81.3 121.9
192 19.9 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.590 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.122 min

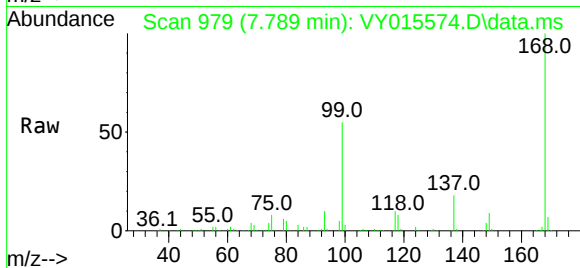
Lab File: VY015574.D

Acq: 15 Sep 2023 17:02

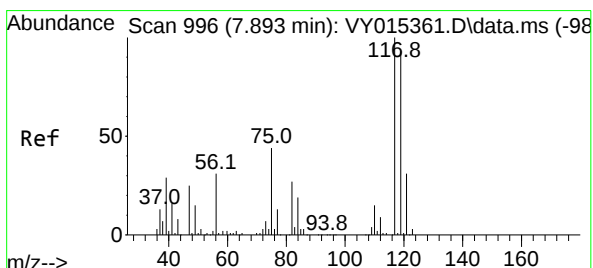
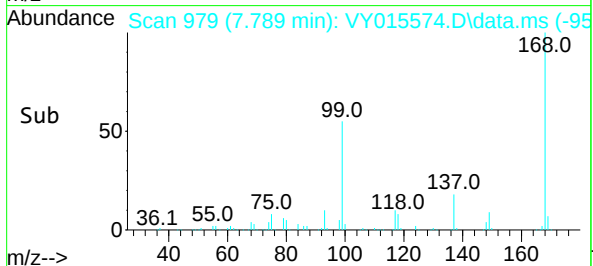
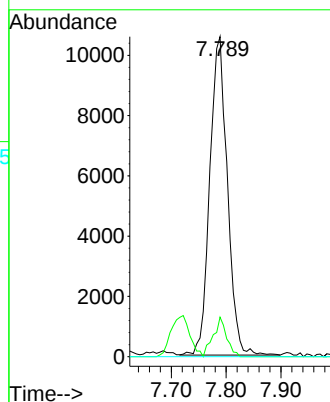
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 23466
Ion Ratio	Lower Upper
75 100	
110 9.4	17.8 53.5#
77 0.0	24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.729 ug/l

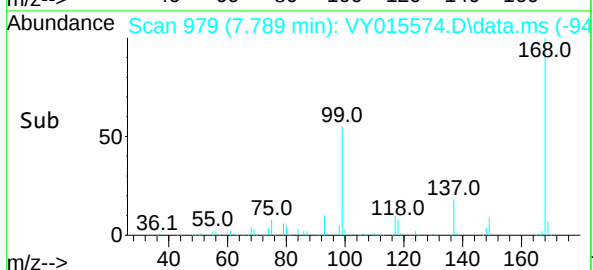
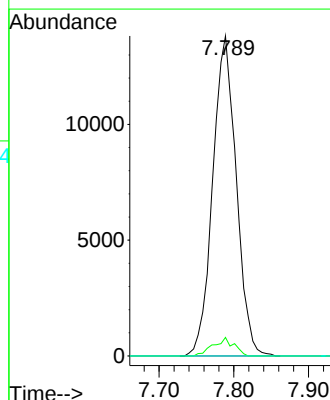
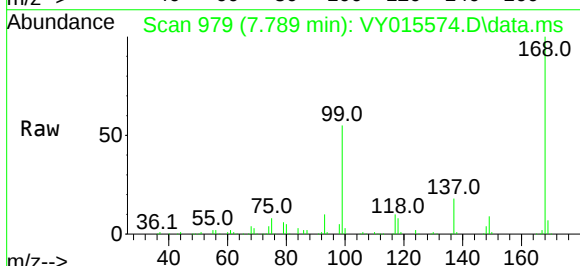
RT: 7.789 min Scan# 979

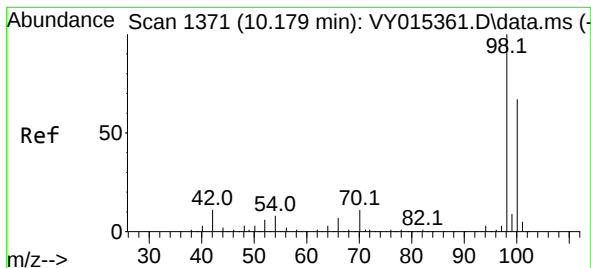
Delta R.T. -0.104 min

Lab File: VY015574.D

Acq: 15 Sep 2023 17:02

Tgt Ion: 117	Resp: 30251
Ion Ratio	Lower Upper
117 100	
119 5.8	76.4 114.6#
121 0.0	25.8 38.6#





#50

Toluene-d8

Concen: 56.485 ug/l

RT: 10.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY015574.D

Acq: 15 Sep 2023 17:02

Instrument :

MSVOA_Y

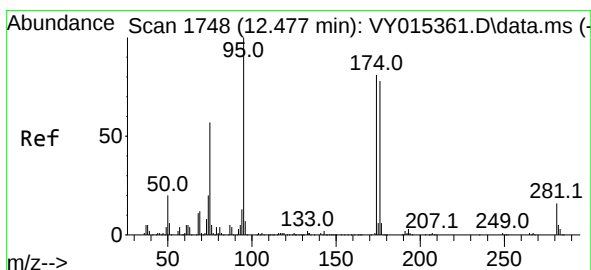
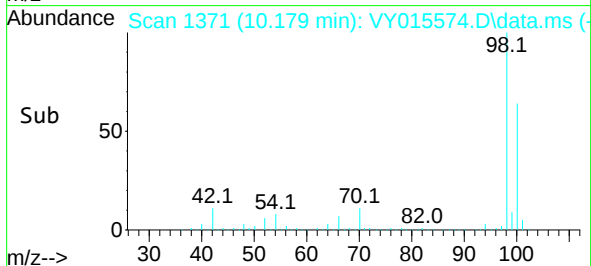
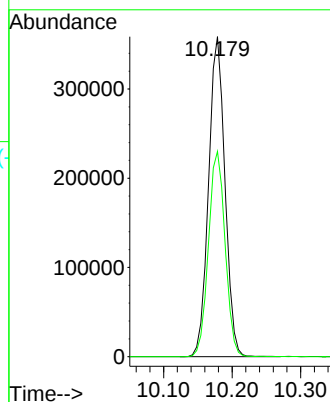
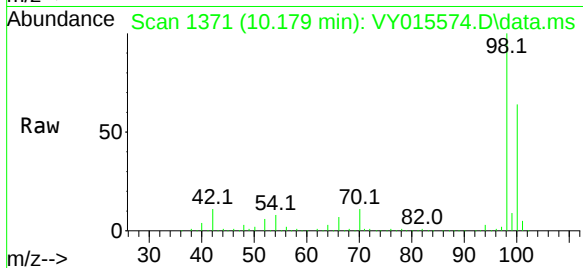
ClientSampleId :

Tgt Ion: 98 Resp: 595600

Ion Ratio Lower Upper

98 100

100 65.2 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 52.411 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY015574.D

Acq: 15 Sep 2023 17:02

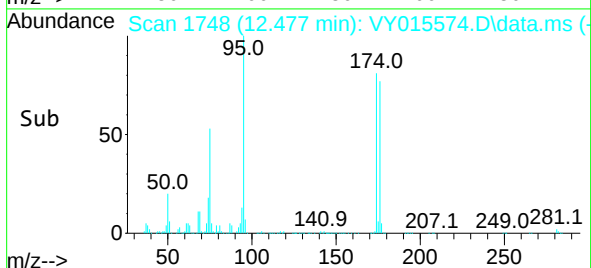
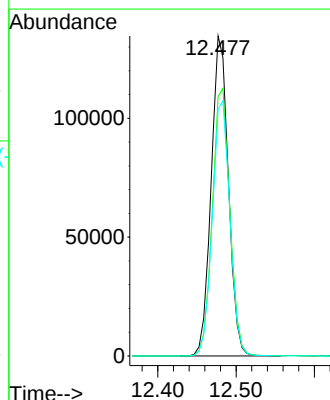
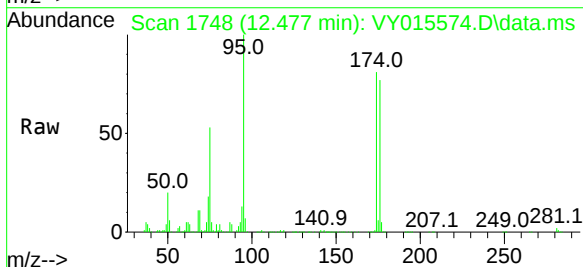
Tgt Ion: 95 Resp: 205163

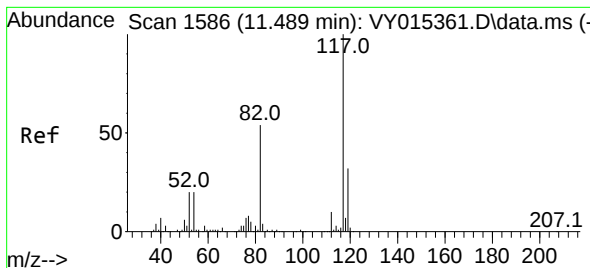
Ion Ratio Lower Upper

95 100

174 85.5 0.0 178.2

176 81.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

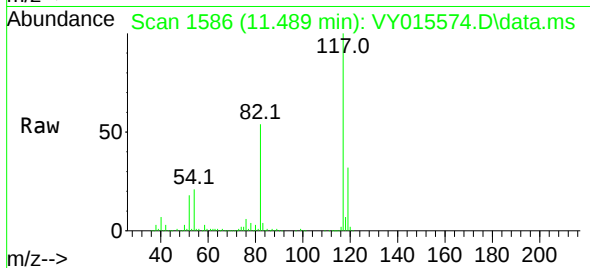
Lab File: VY015574.D

Acq: 15 Sep 2023 17:02

Instrument :

MSVOA_Y

ClientSampleId :



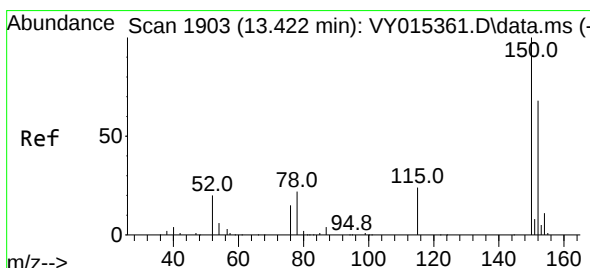
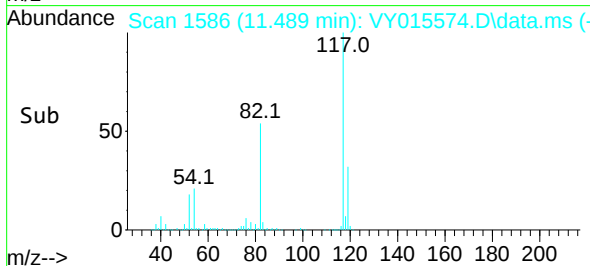
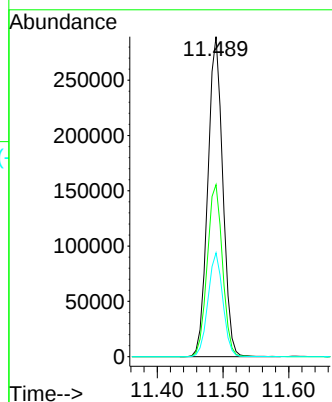
Tgt Ion:117 Resp: 458645

Ion Ratio Lower Upper

117 100

82 53.7 43.4 65.0

119 32.5 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: VY015574.D

Acq: 15 Sep 2023 17:02

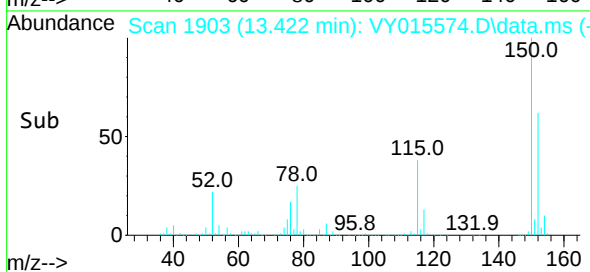
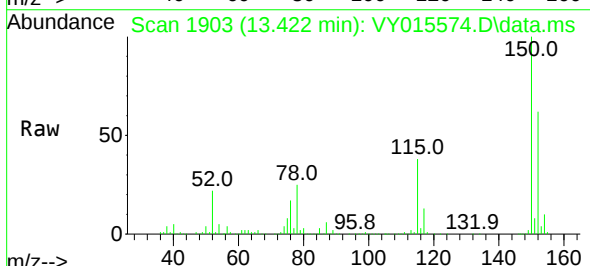
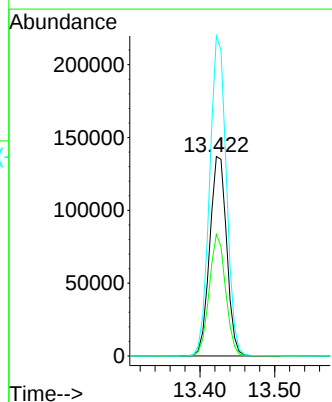
Tgt Ion:152 Resp: 215824

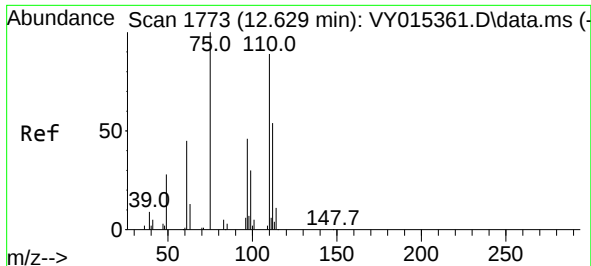
Ion Ratio Lower Upper

152 100

115 58.5 28.8 86.5

150 157.6 0.0 348.8

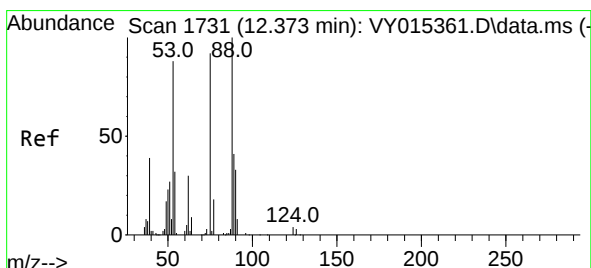
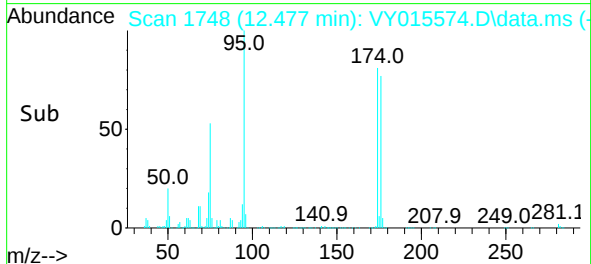
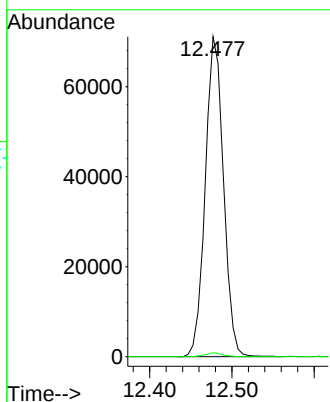
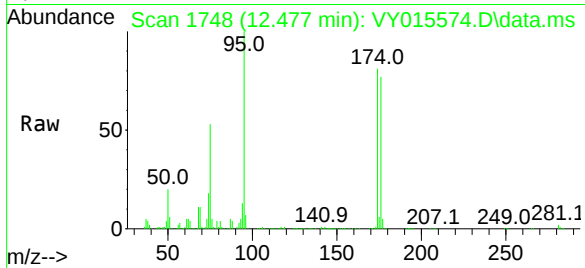




#76
1,2,3-Trichloropropane
Concen: 38.197 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.153 min
Lab File: VY015574.D
Acq: 15 Sep 2023 17:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 109321
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.258 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY015574.D
Acq: 15 Sep 2023 17:02

Tgt Ion: 75 Resp: 109321
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

