

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091823\
 Data File : VY015630.D
 Acq On : 18 Sep 2023 21:17
 Operator : SY/MD
 Sample : 04453-05
 Misc : 4.68g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 19 02:08:36 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)

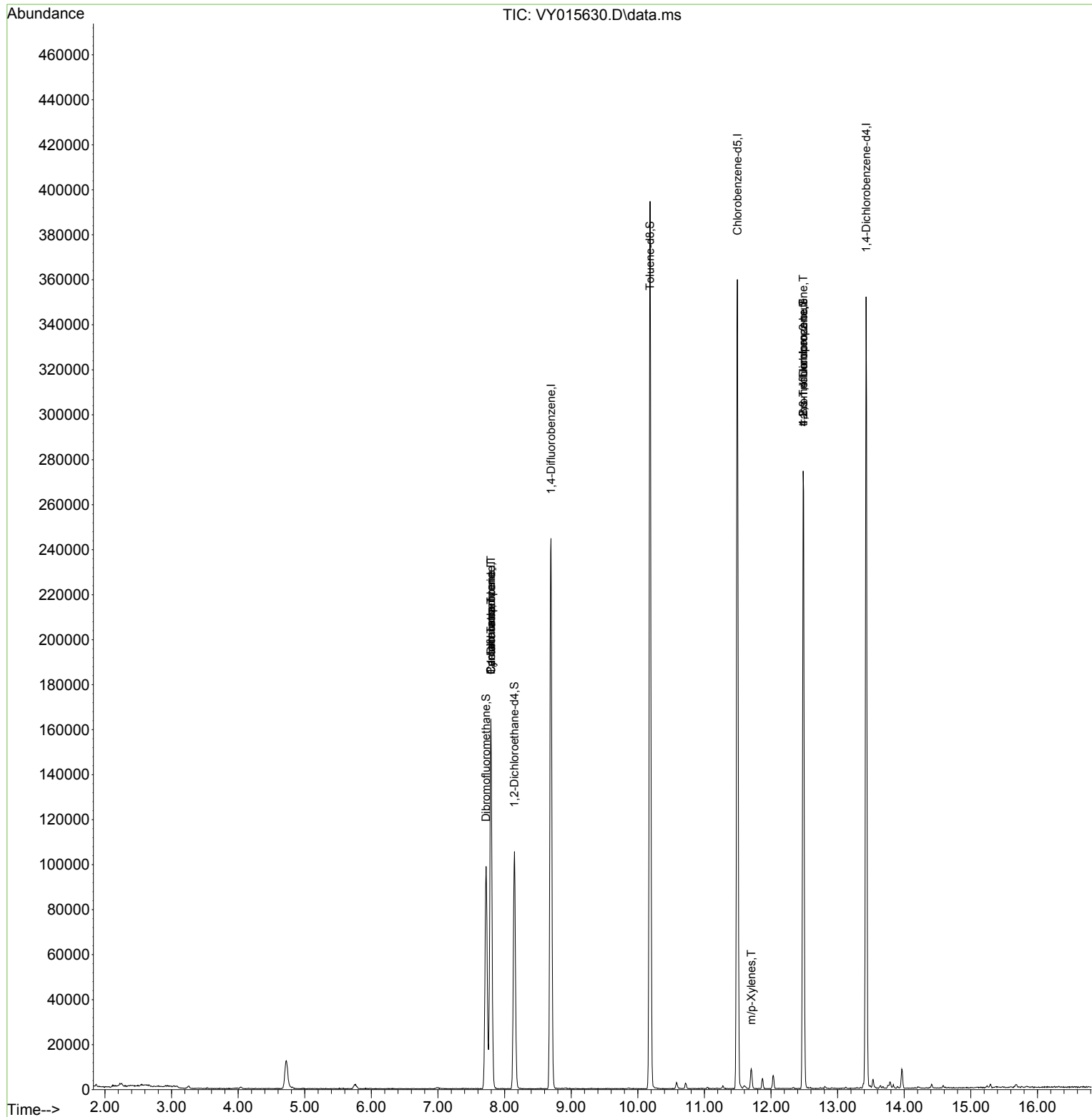
Internal Standards						
1) Pentafluorobenzene	7.795	168	126190	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	213376	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.495	117	194550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	87355	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	81706	60.400	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.800%			
35) Dibromofluoromethane	7.722	113	69794	56.789	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.580%			
50) Toluene-d8	10.185	98	252332	56.695	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 113.400%			
62) 4-Bromofluorobenzene	12.483	95	82832	50.133	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 100.260%			
Target Compounds						
11) Tert butyl alcohol	4.984	59	234	Below Cal	#	89
20) Methylene Chloride	4.722	84	9242	Below Cal		95
31) Cyclohexane	7.795	56	2540	1.057	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	9881	4.579	ug/l #	50
38) Carbon Tetrachloride	7.795	117	12588	5.648	ug/l #	15
68) m/p-Xylenes	11.703	106	2954	1.012	ug/l	84
76) 1,2,3-Trichloropropane	12.483	75	44474	38.392	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	44474	84.689	ug/l #	11

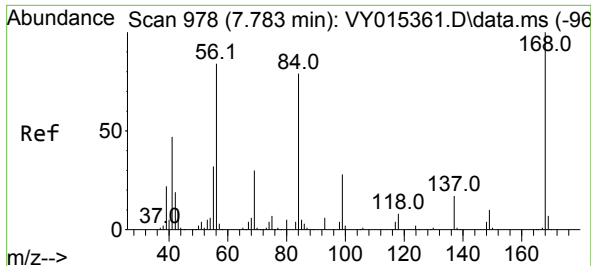
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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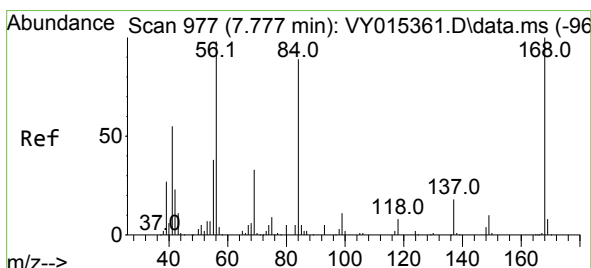
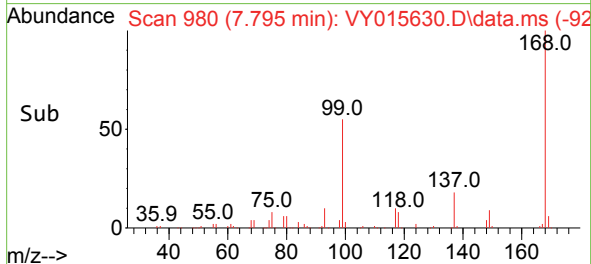
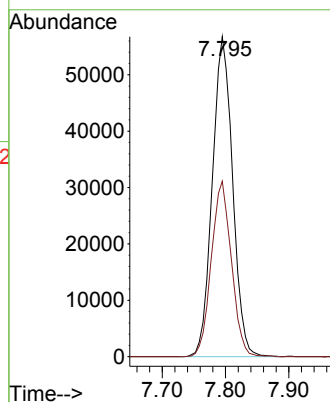
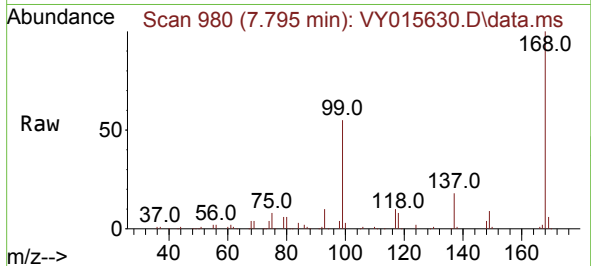




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015630.D
Acq: 18 Sep 2023 21:17

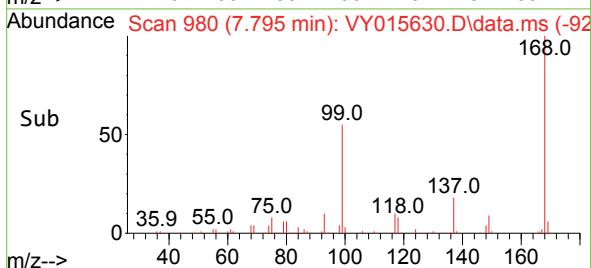
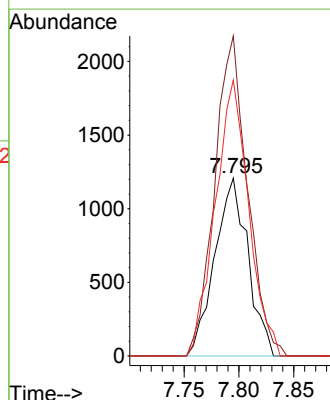
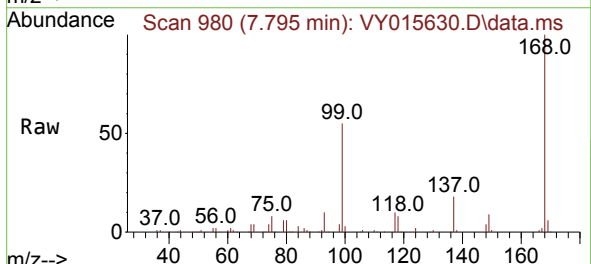
Instrument :
MSVOA_Y
ClientSampleId :

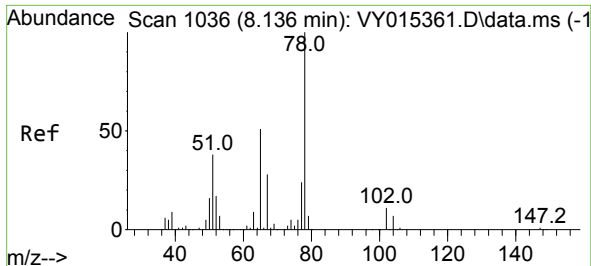
Tgt Ion:168 Resp: 126190
Ion Ratio Lower Upper
168 100
99 54.9 43.4 65.0



#31
Cyclohexane
Concen: 1.057 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.012 min
Lab File: VY015630.D
Acq: 18 Sep 2023 21:17

Tgt Ion: 56 Resp: 2540
Ion Ratio Lower Upper
56 100
69 180.0 27.8 41.6#
84 155.3 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 60.400 ug/l

RT: 8.149 min Scan# 1036

Delta R.T. 0.012 min

Lab File: VY015630.D

Acq: 18 Sep 2023 21:17

Instrument :

MSVOA_Y

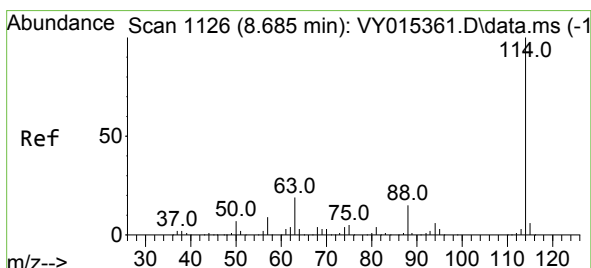
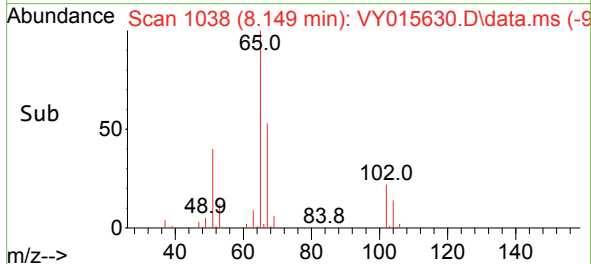
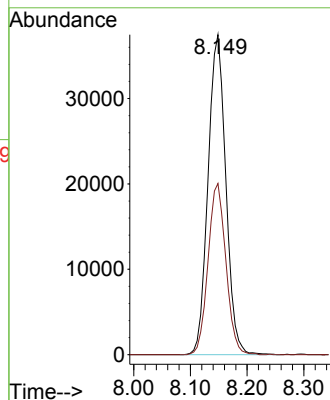
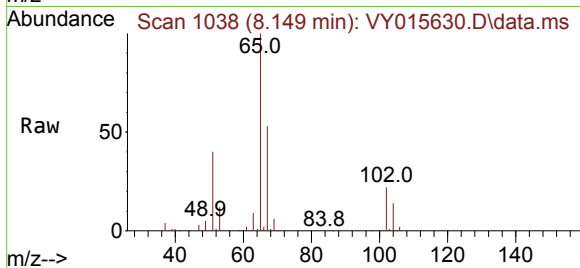
ClientSampleId :

Tgt Ion: 65 Resp: 81706

Ion Ratio Lower Upper

65 100

67 53.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VY015630.D

Acq: 18 Sep 2023 21:17

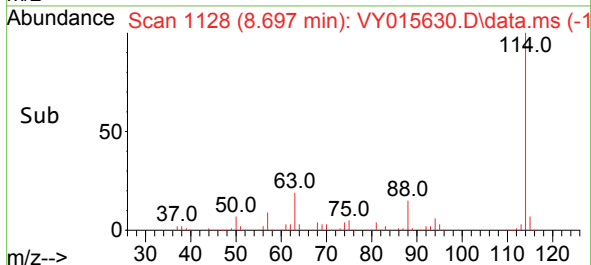
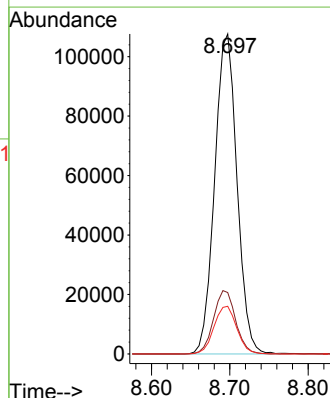
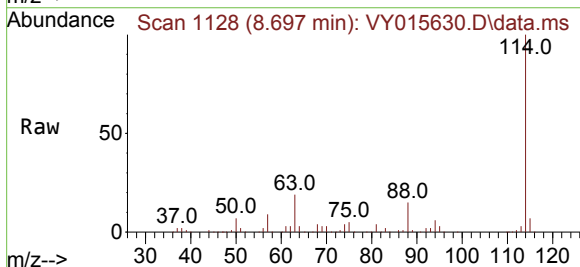
Tgt Ion: 114 Resp: 213376

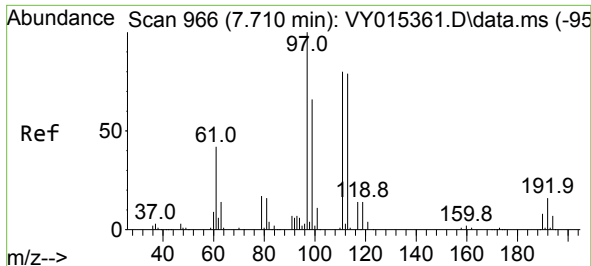
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 14.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 56.789 ug/l

RT: 7.722 min Scan# 90

Delta R.T. 0.006 min

Lab File: VY015630.D

Acq: 18 Sep 2023 21:17

Instrument :

MSVOA_Y

ClientSampleId :

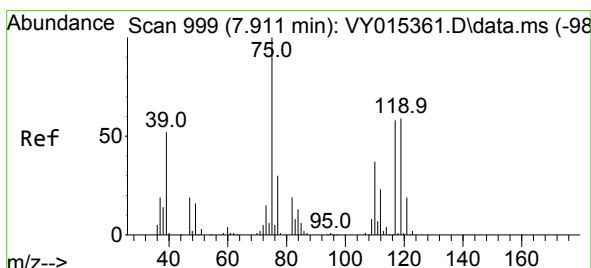
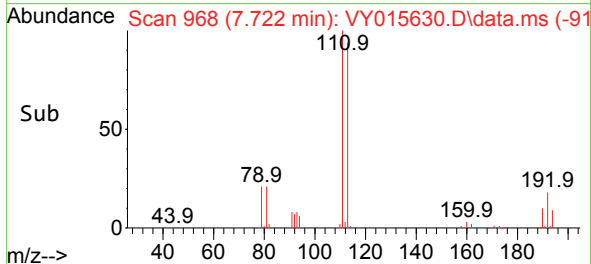
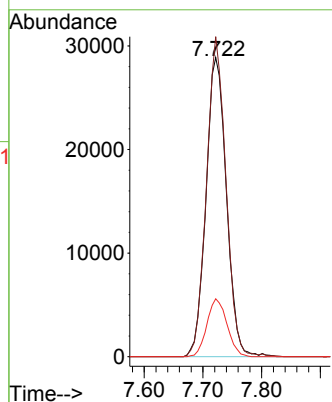
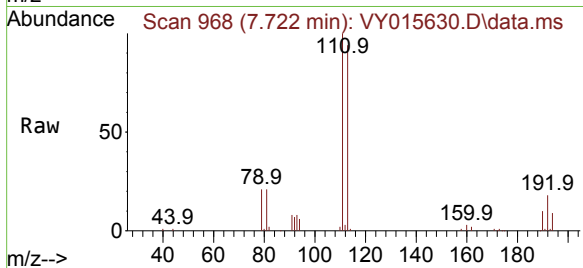
Tgt Ion:113 Resp: 69794

Ion Ratio Lower Upper

113 100

111 102.2 81.3 121.9

192 19.1 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.579 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.116 min

Lab File: VY015630.D

Acq: 18 Sep 2023 21:17

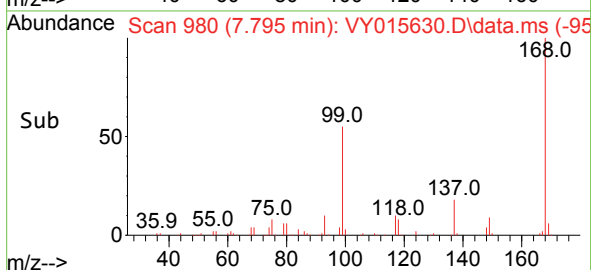
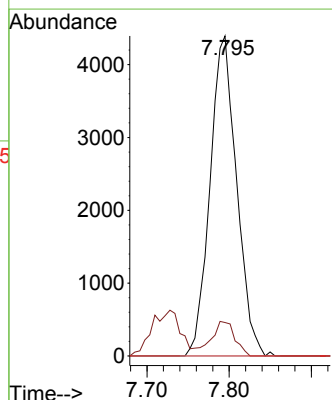
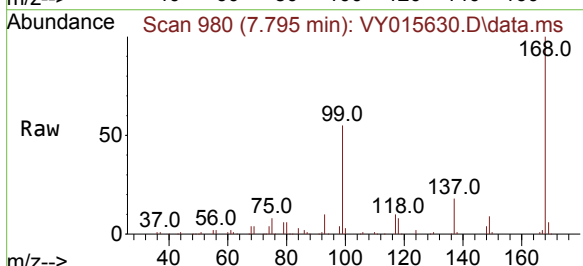
Tgt Ion: 75 Resp: 9881

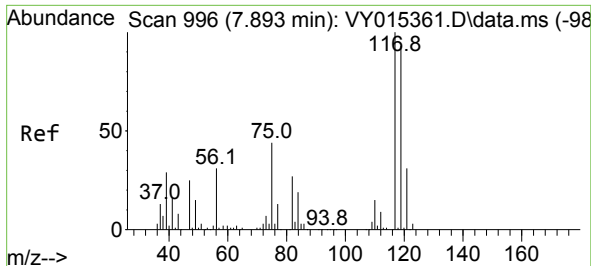
Ion Ratio Lower Upper

75 100

110 9.5 17.8 53.5#

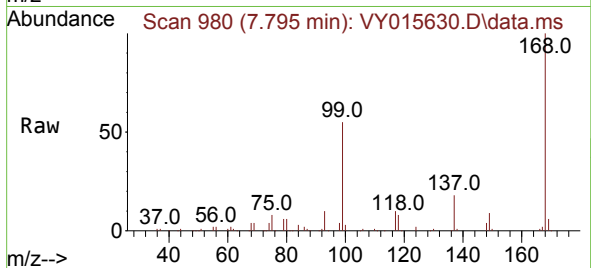
77 0.0 24.4 36.6#



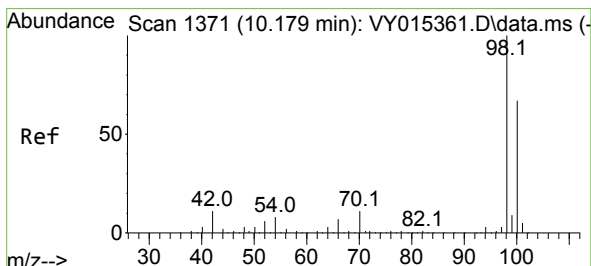
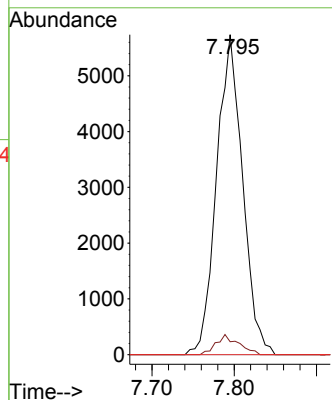
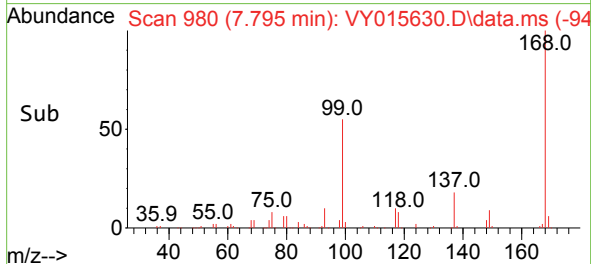


#38
Carbon Tetrachloride
Concen: 5.648 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.098 min
Lab File: VY015630.D
Acq: 18 Sep 2023 21:17

Instrument :
MSVOA_Y
ClientSampleId :

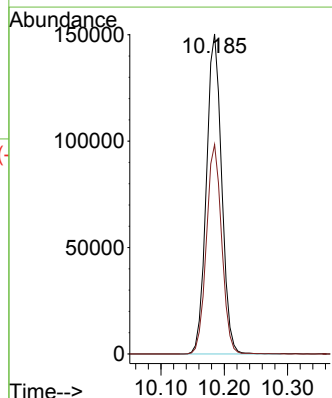
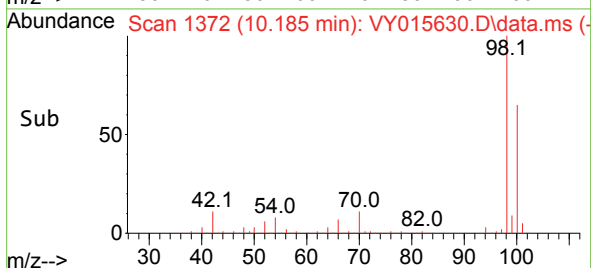
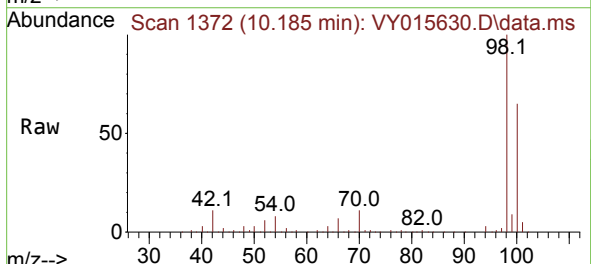


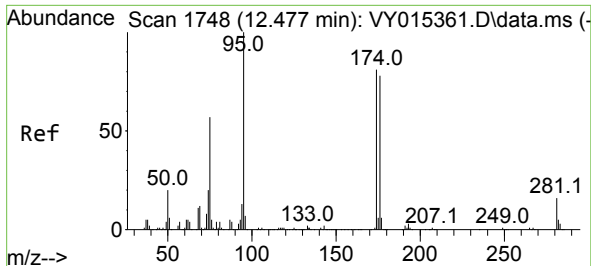
Tgt Ion:117 Resp: 12588
Ion Ratio Lower Upper
117 100
119 4.0 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 56.695 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY015630.D
Acq: 18 Sep 2023 21:17

Tgt Ion: 98 Resp: 252332
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1

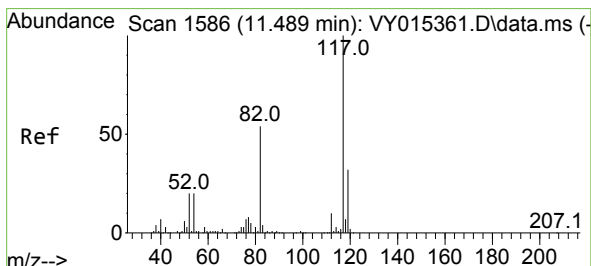
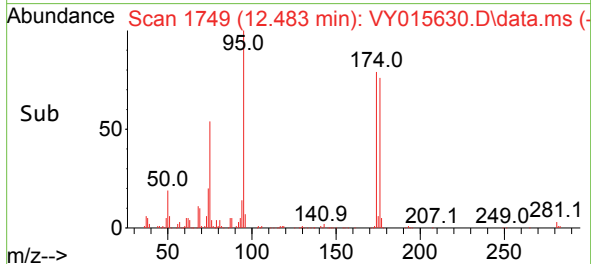
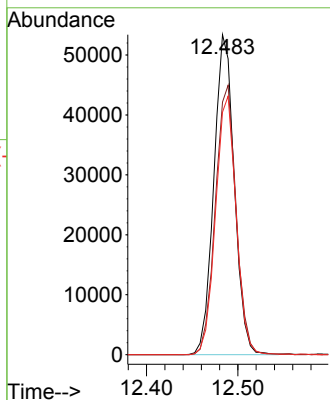
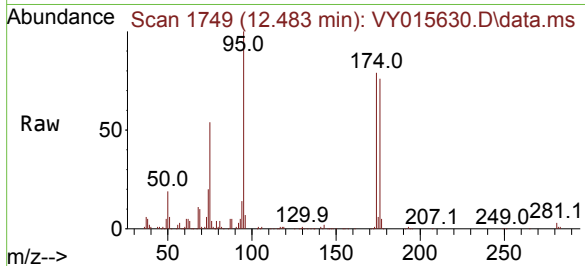




#62
4-Bromofluorobenzene
Concen: 50.133 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015630.D
Acq: 18 Sep 2023 21:17

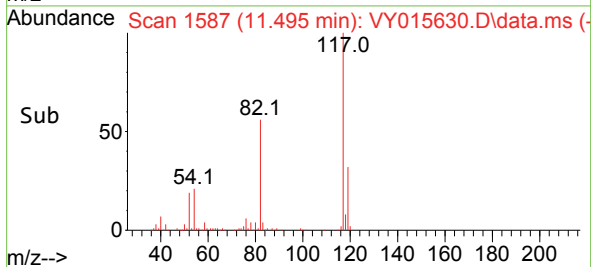
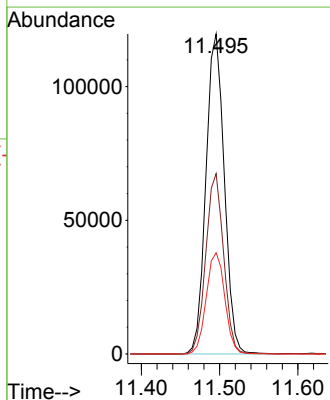
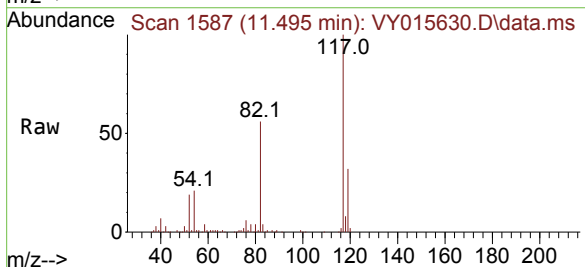
Instrument :
MSVOA_Y
ClientSampleId :

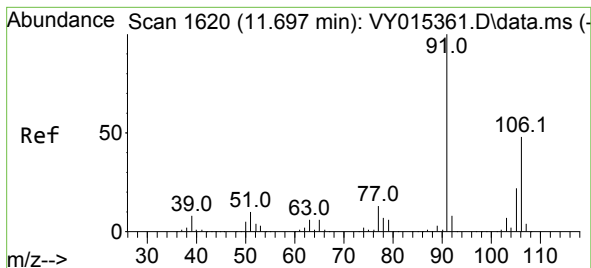
Tgt Ion: 95 Resp: 82832
Ion Ratio Lower Upper
95 100
174 85.8 0.0 178.2
176 81.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY015630.D
Acq: 18 Sep 2023 21:17

Tgt Ion: 117 Resp: 194550
Ion Ratio Lower Upper
117 100
82 56.4 43.4 65.0
119 31.7 26.3 39.5





#68

m/p-Xylenes

Concen: 1.012 ug/l

RT: 11.703 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY015630.D

Acq: 18 Sep 2023 21:17

Instrument :

MSVOA_Y

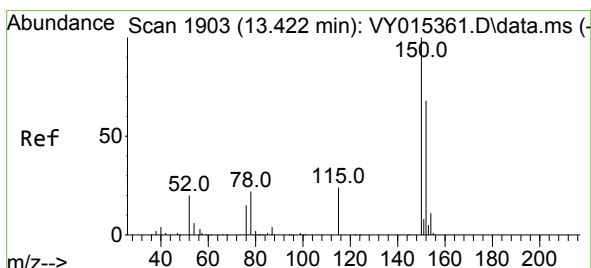
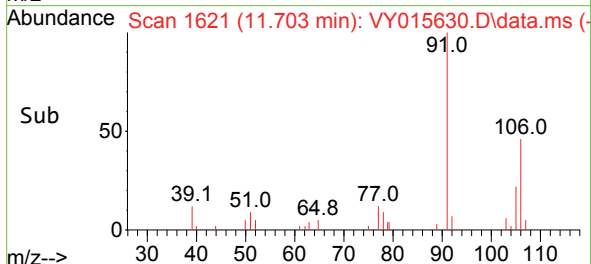
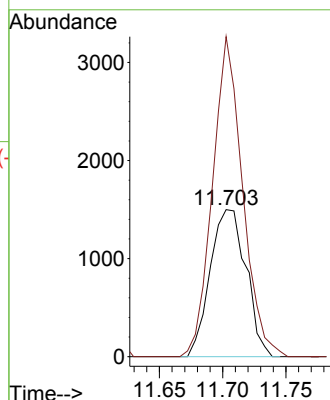
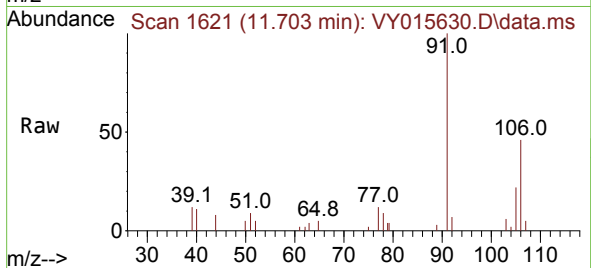
ClientSampleId :

Tgt Ion:106 Resp: 2954

Ion Ratio Lower Upper

106 100

91 182.6 166.1 249.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015630.D

Acq: 18 Sep 2023 21:17

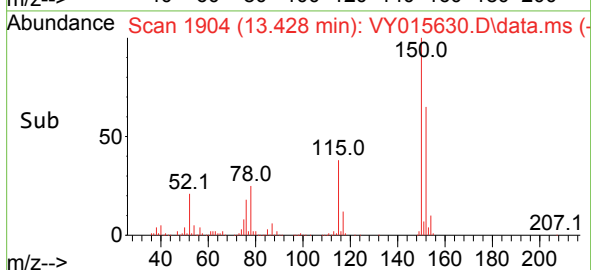
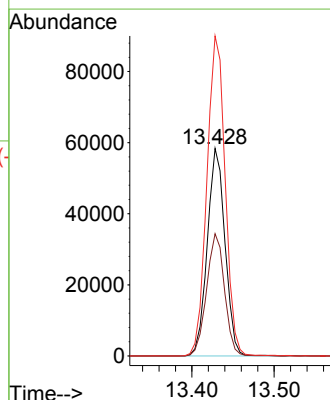
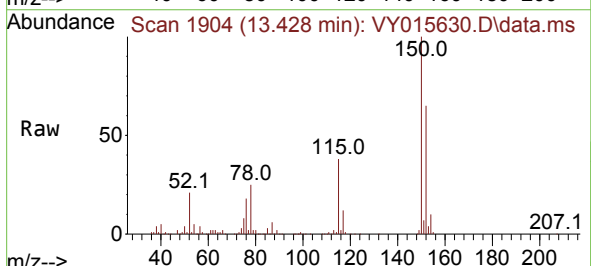
Tgt Ion:152 Resp: 87355

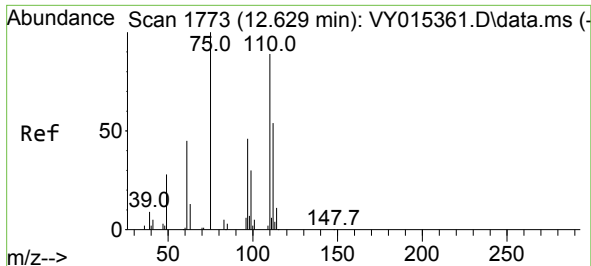
Ion Ratio Lower Upper

152 100

115 59.6 28.8 86.5

150 159.2 0.0 348.8

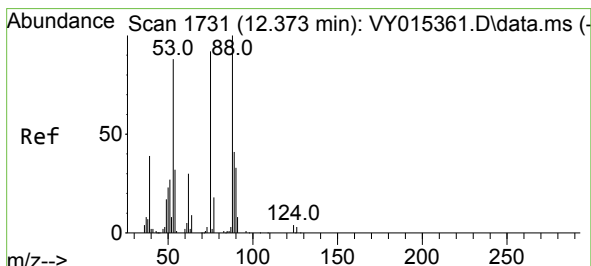
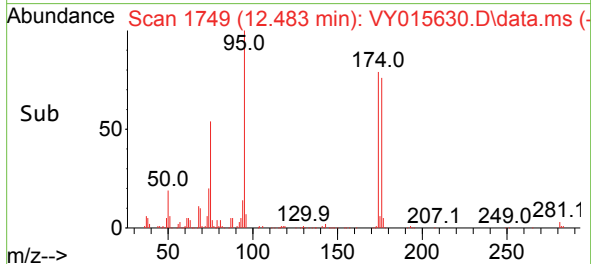
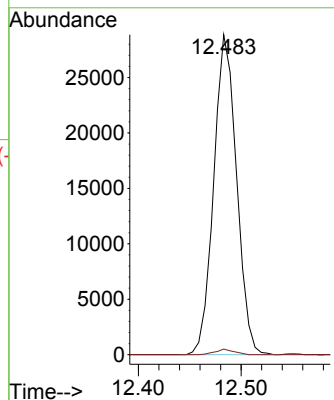
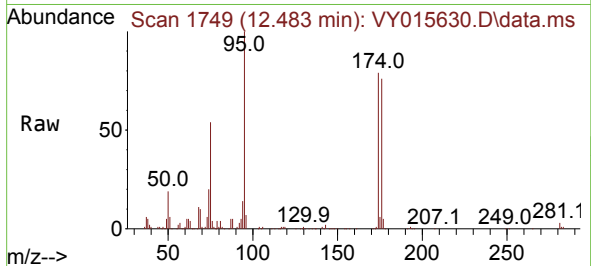




#76
1,2,3-Trichloropropane
Concen: 38.392 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY015630.D
Acq: 18 Sep 2023 21:17

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 44474
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.689 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY015630.D
Acq: 18 Sep 2023 21:17

Tgt Ion: 75 Resp: 44474
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

