

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091223\
 Data File : VY015525.D
 Acq On : 12 Sep 2023 22:08
 Operator : SY/MD
 Sample : 04397-07
 Misc : 3.86g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 13 05:58:48 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)

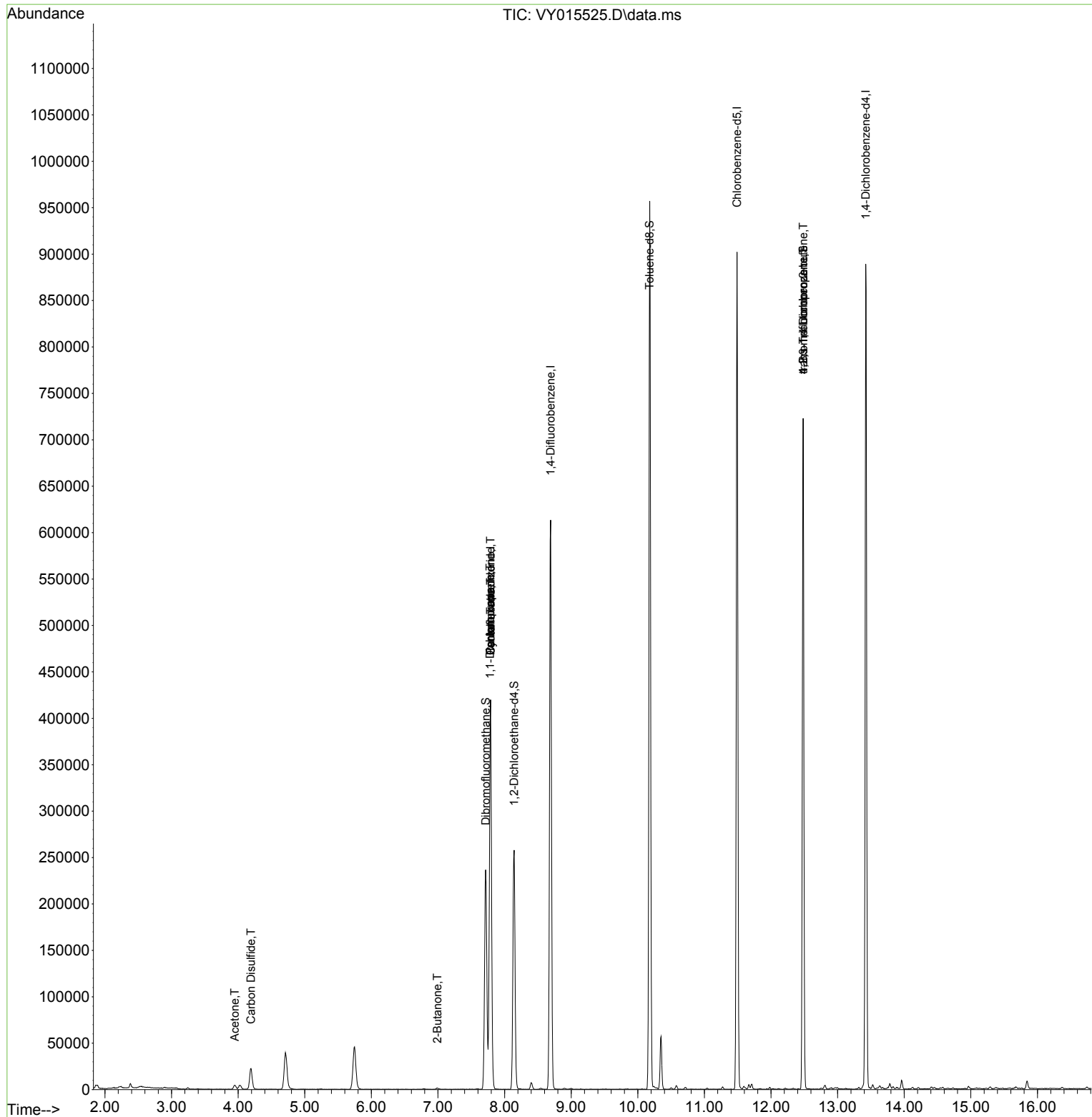
Internal Standards						
1) Pentafluorobenzene	7.789	168	322329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	534845	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	483470	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	228723	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	204357	59.143	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.280%	
35) Dibromofluoromethane	7.716	113	165868	53.843	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.680%	
50) Toluene-d8	10.179	98	629357	56.414	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.820%	
62) 4-Bromofluorobenzene	12.483	95	214751	51.853	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.700%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	148	Below Cal	#	89
16) Acetone	3.948	43	7826	5.426	ug/l #	85
17) Carbon Disulfide	4.192	76	45990	4.801	ug/l	99
25) 2-Butanone	6.990	43	2175	1.063	ug/l	92
31) Cyclohexane	7.789	56	6867	1.119	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	24454	4.521	ug/l #	50
38) Carbon Tetrachloride	7.789	117	31770	5.687	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	113625	37.462	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	113625	82.636	ug/l #	11

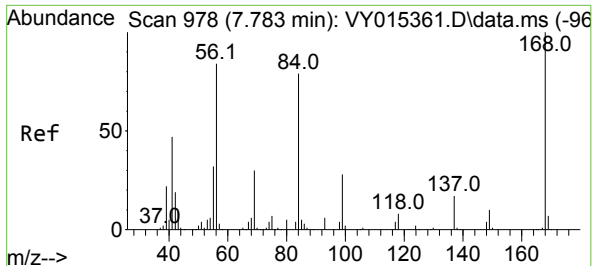
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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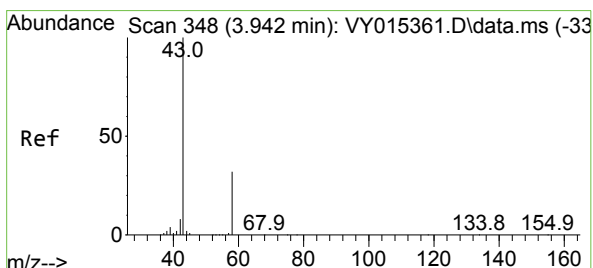
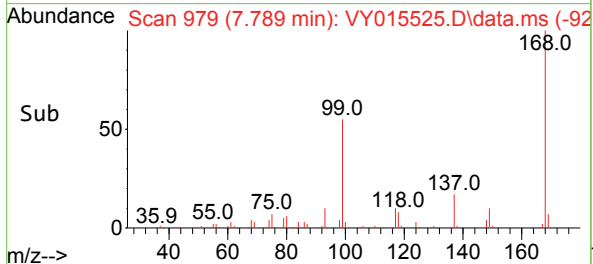
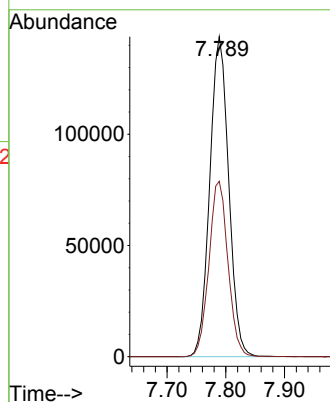
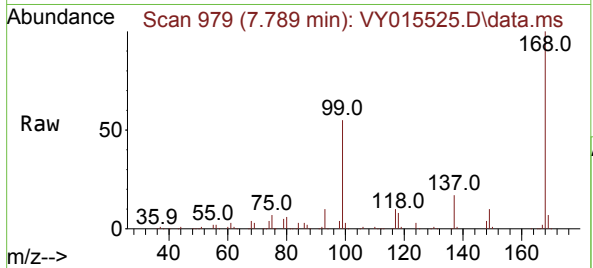




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015525.D
Acq: 12 Sep 2023 22:08

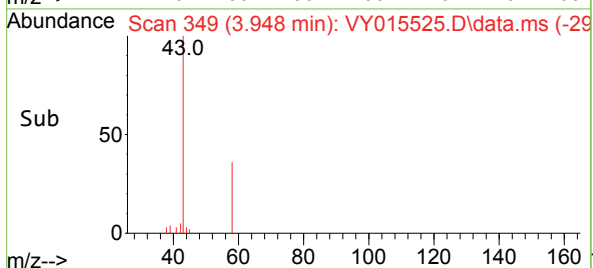
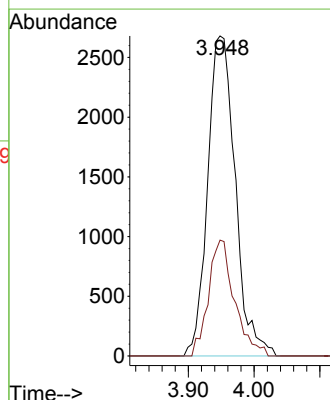
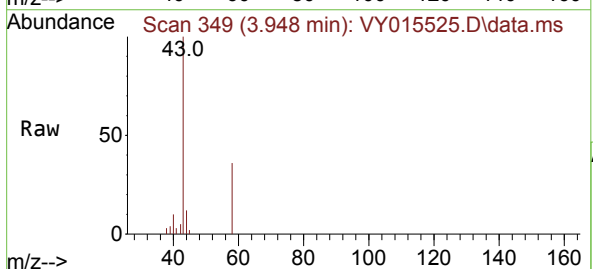
Instrument :
MSVOA_Y
ClientSampleId :

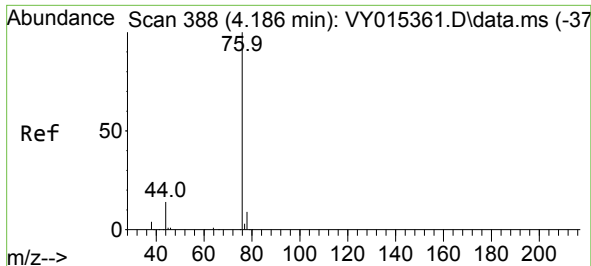
Tgt Ion:168 Resp: 322329
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#16
Acetone
Concen: 5.426 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015525.D
Acq: 12 Sep 2023 22:08

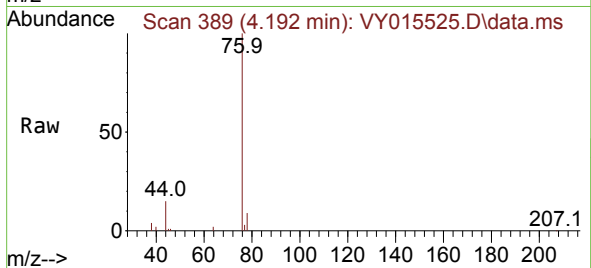
Tgt Ion: 43 Resp: 7826
Ion Ratio Lower Upper
43 100
58 36.2 22.7 34.1#



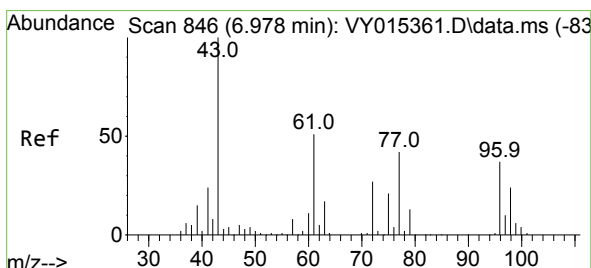
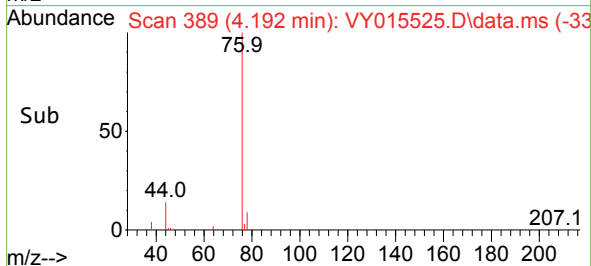
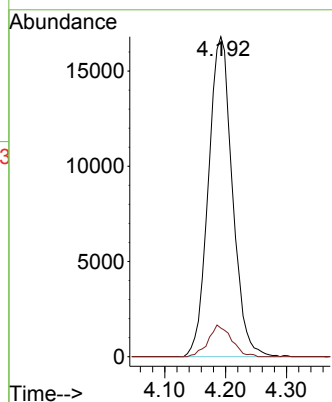


#17
Carbon Disulfide
Concen: 4.801 ug/l
RT: 4.192 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY015525.D
Acq: 12 Sep 2023 22:08

Instrument :
MSVOA_Y
ClientSampleId :

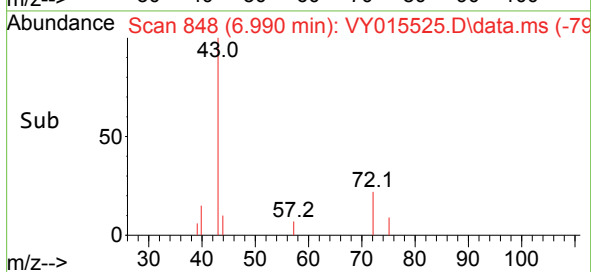
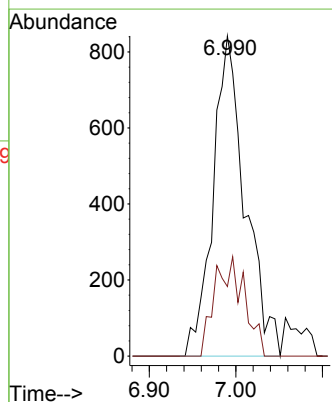
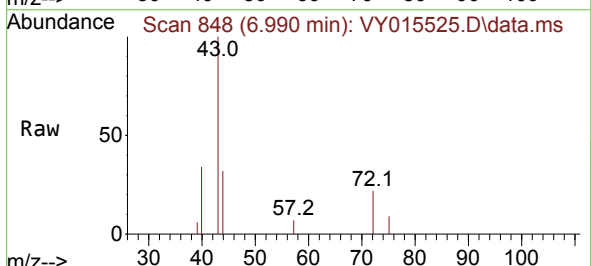


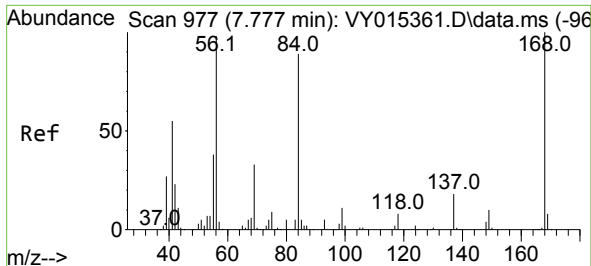
Tgt Ion: 76 Resp: 45990
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4



#25
2-Butanone
Concen: 1.063 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.012 min
Lab File: VY015525.D
Acq: 12 Sep 2023 22:08

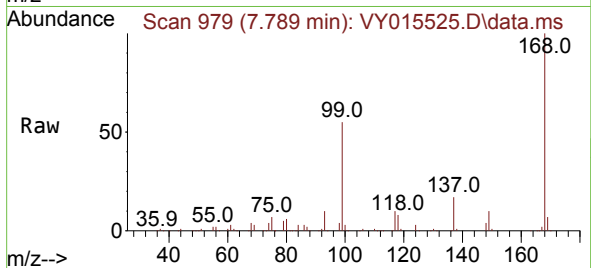
Tgt Ion: 43 Resp: 2175
Ion Ratio Lower Upper
43 100
72 21.7 20.5 30.7



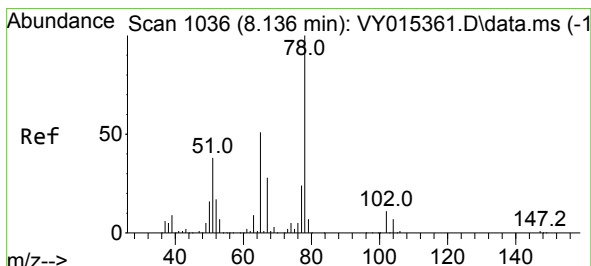
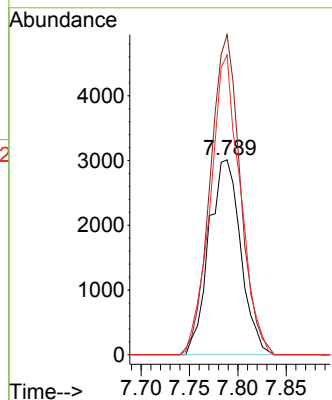
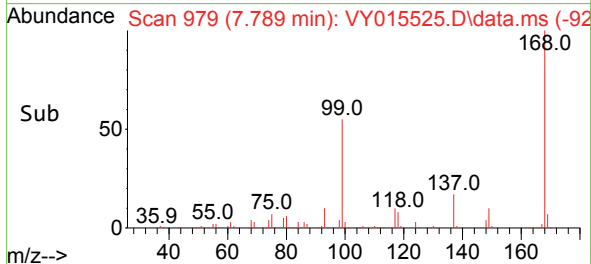


#31
Cyclohexane
Concen: 1.119 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015525.D
Acq: 12 Sep 2023 22:08

Instrument :
MSVOA_Y
ClientSampleId :

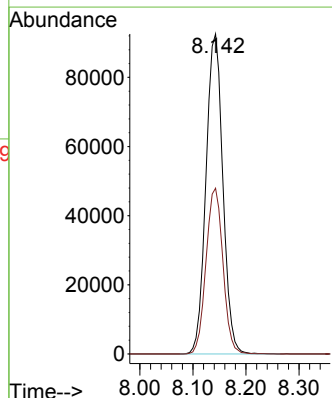
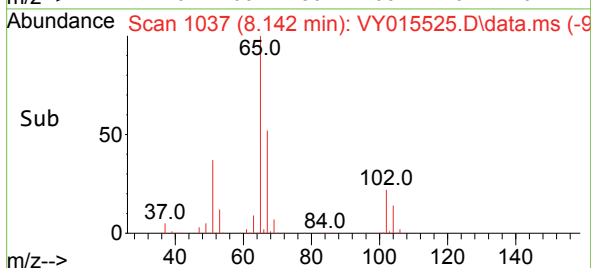
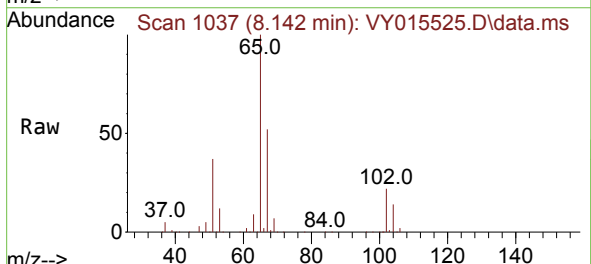


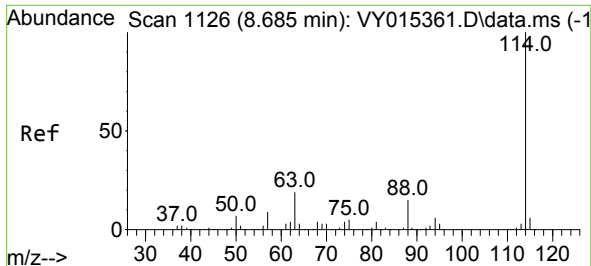
Tgt Ion: 56 Resp: 6867
Ion Ratio Lower Upper
56 100
69 164.1 27.8 41.6#
84 153.7 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 59.143 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015525.D
Acq: 12 Sep 2023 22:08

Tgt Ion: 65 Resp: 204357
Ion Ratio Lower Upper
65 100
67 51.9 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: VY015525.D

Acq: 12 Sep 2023 22:08

Instrument :

MSVOA_Y

ClientSampleId :

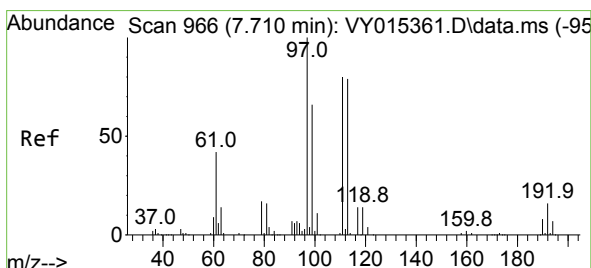
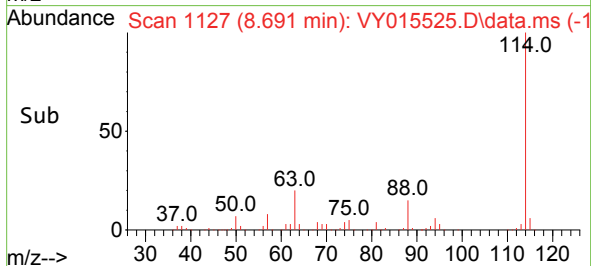
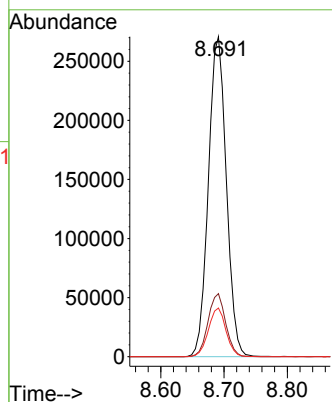
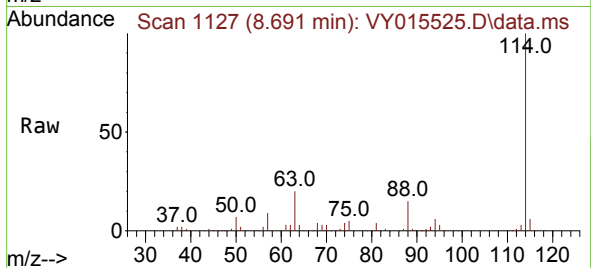
Tgt Ion:114 Resp: 534845

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.843 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY015525.D

Acq: 12 Sep 2023 22:08

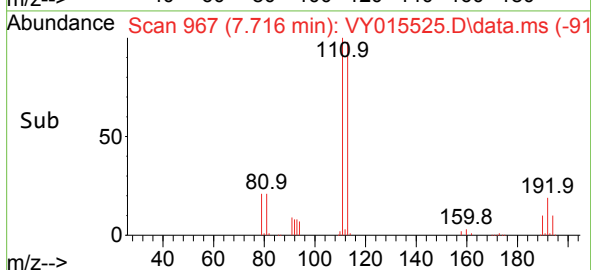
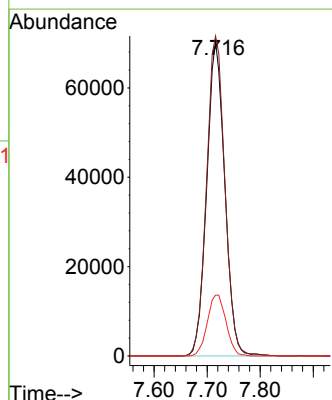
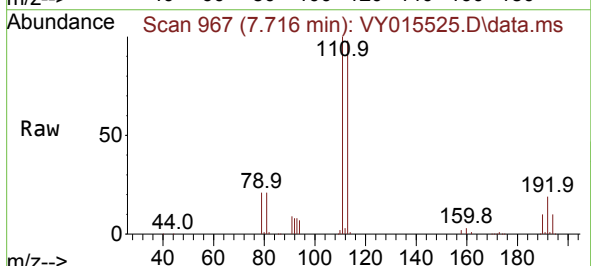
Tgt Ion:113 Resp: 165868

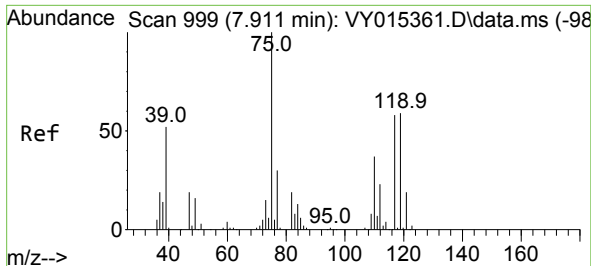
Ion Ratio Lower Upper

113 100

111 103.5 81.3 121.9

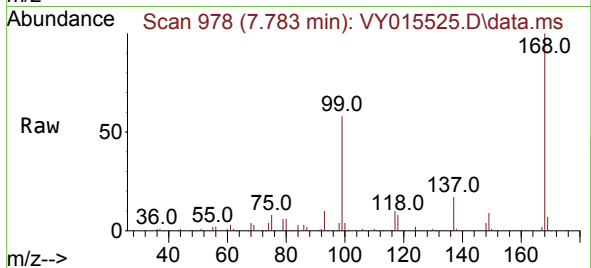
192 20.1 16.9 25.3



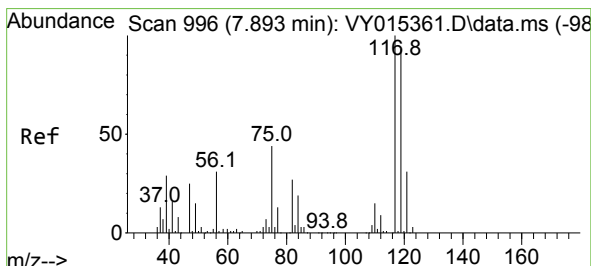
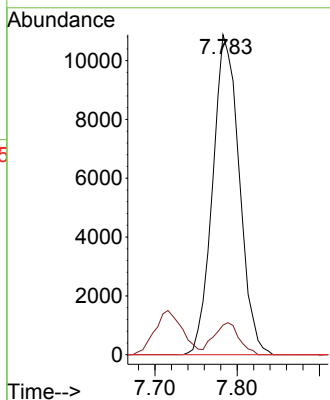
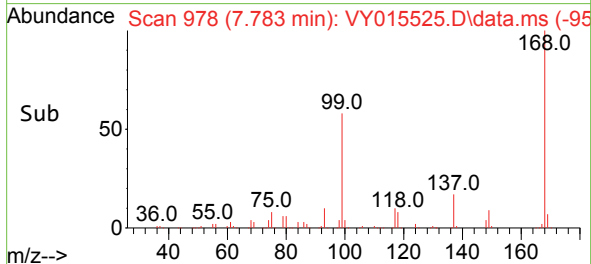


#36
 1,1-Dichloropropene
 Concen: 4.521 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY015525.D
 Acq: 12 Sep 2023 22:08

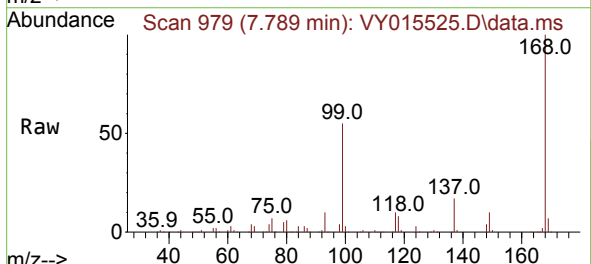
Instrument :
 MSVOA_Y
 ClientSampleId :



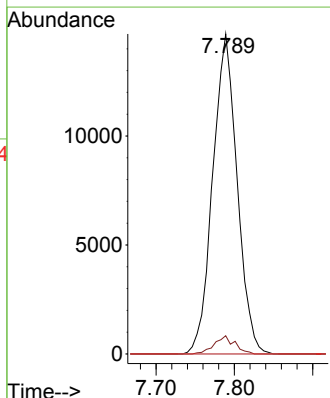
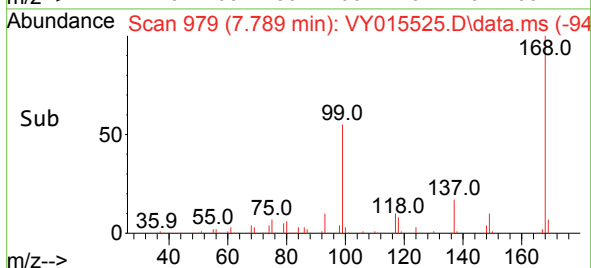
Tgt Ion: 75 Resp: 24454
 Ion Ratio Lower Upper
 75 100
 110 9.3 17.8 53.5#
 77 0.0 24.4 36.6#

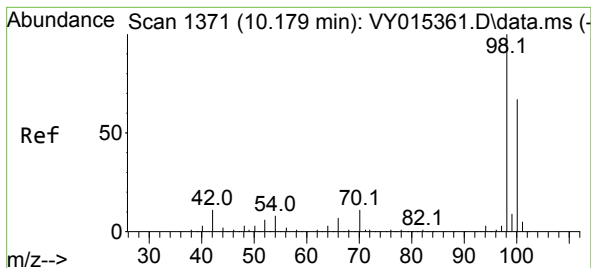


#38
 Carbon Tetrachloride
 Concen: 5.687 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.104 min
 Lab File: VY015525.D
 Acq: 12 Sep 2023 22:08



Tgt Ion: 117 Resp: 31770
 Ion Ratio Lower Upper
 117 100
 119 5.7 76.4 114.6#
 121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 56.414 ug/l

RT: 10.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY015525.D

Acq: 12 Sep 2023 22:08

Instrument :

MSVOA_Y

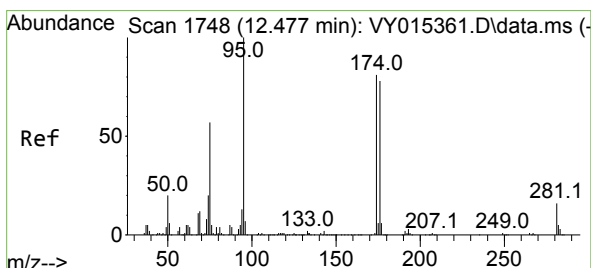
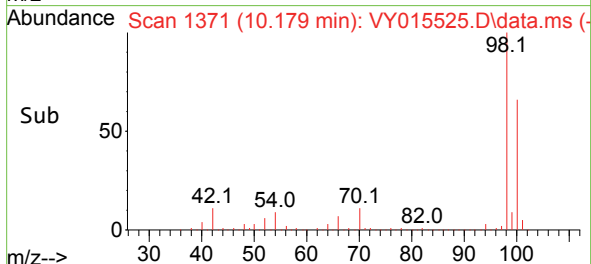
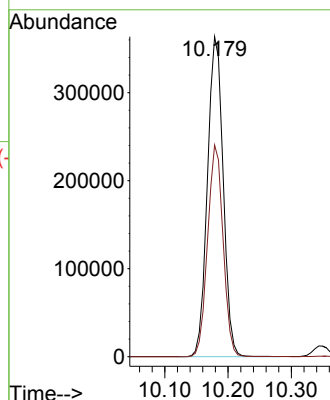
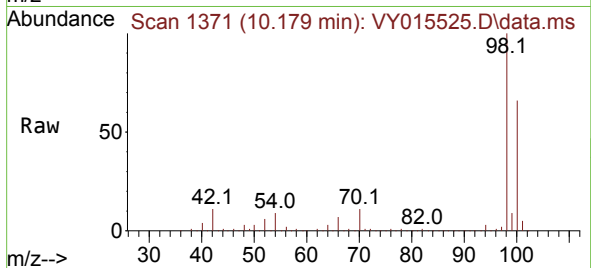
ClientSampleId :

Tgt Ion: 98 Resp: 629357

Ion Ratio Lower Upper

98 100

100 65.1 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 51.853 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY015525.D

Acq: 12 Sep 2023 22:08

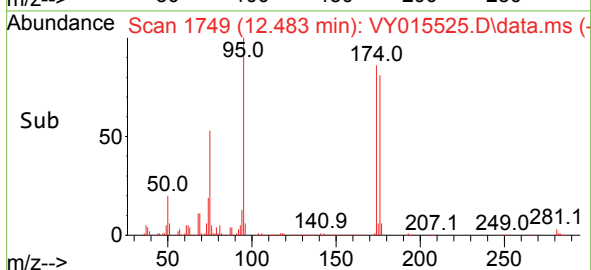
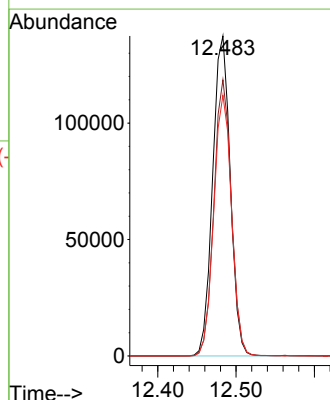
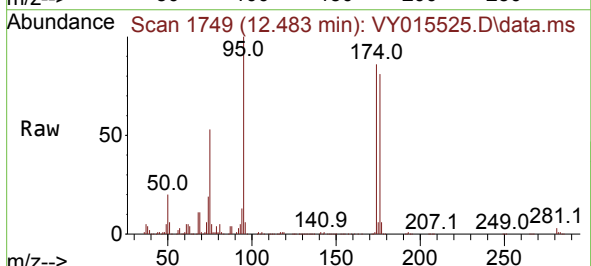
Tgt Ion: 95 Resp: 214751

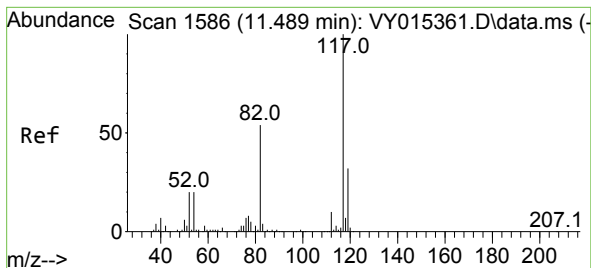
Ion Ratio Lower Upper

95 100

174 85.5 0.0 178.2

176 82.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

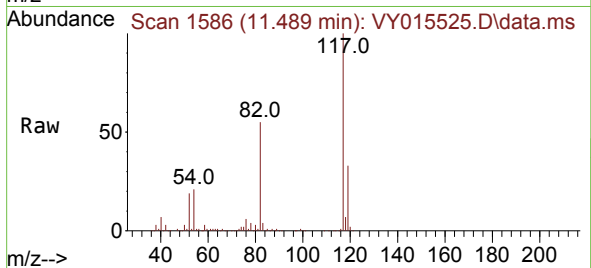
Lab File: VY015525.D

Acq: 12 Sep 2023 22:08

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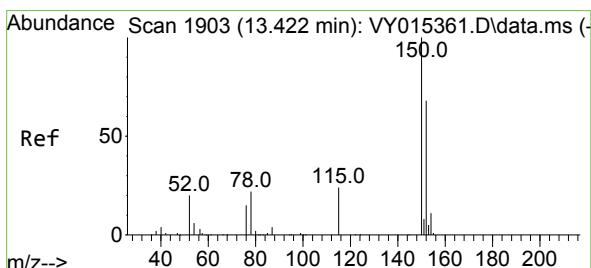
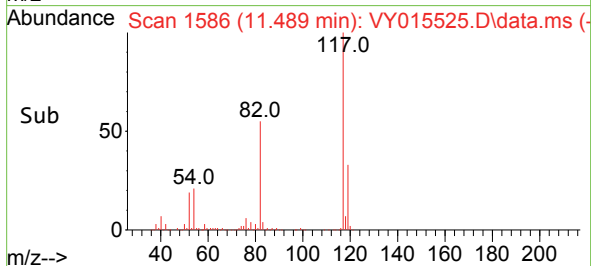
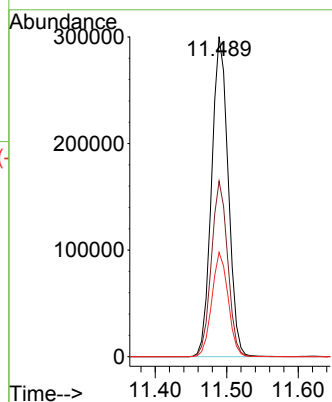
Tgt Ion:117 Resp: 483470

Ion Ratio Lower Upper

117 100

82 54.9 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: VY015525.D

Acq: 12 Sep 2023 22:08

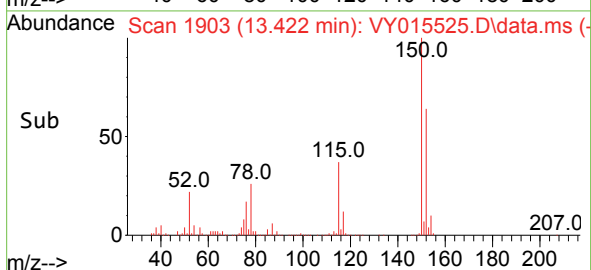
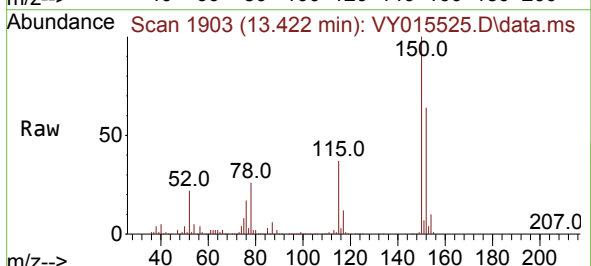
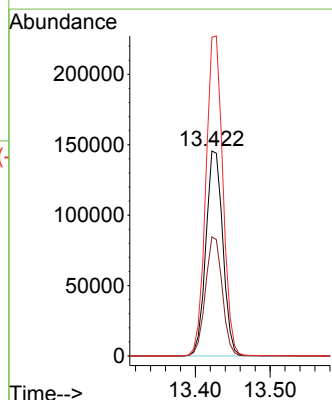
Tgt Ion:152 Resp: 228723

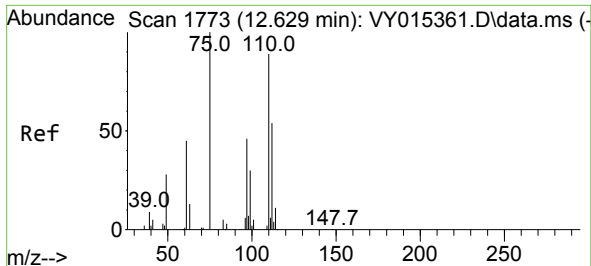
Ion Ratio Lower Upper

152 100

115 57.8 28.8 86.5

150 156.5 0.0 348.8

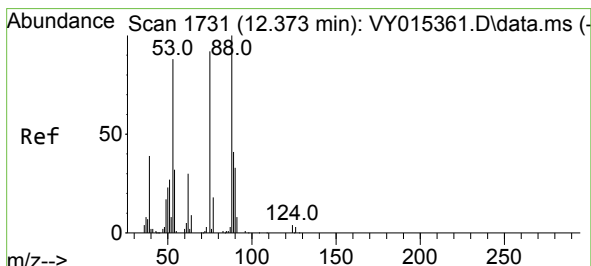
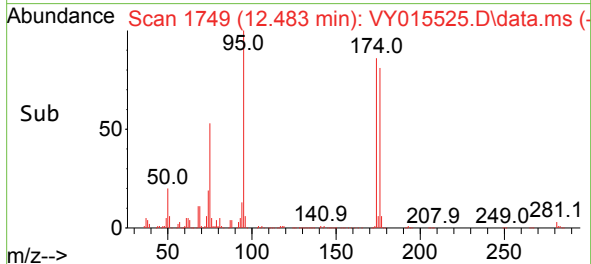
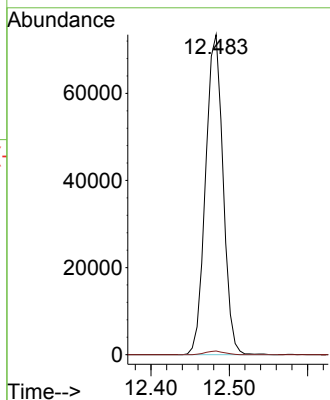
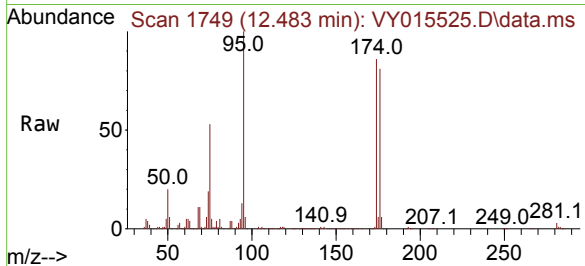




#76
1,2,3-Trichloropropane
Concen: 37.462 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY015525.D
Acq: 12 Sep 2023 22:08

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 113625
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.636 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY015525.D
Acq: 12 Sep 2023 22:08

Tgt Ion: 75 Resp: 113625
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

