

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090723\
 Data File : VY015472.D
 Acq On : 07 Sep 2023 17:19
 Operator : SY/MD
 Sample : 04336-07
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 07 23:10:57 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)

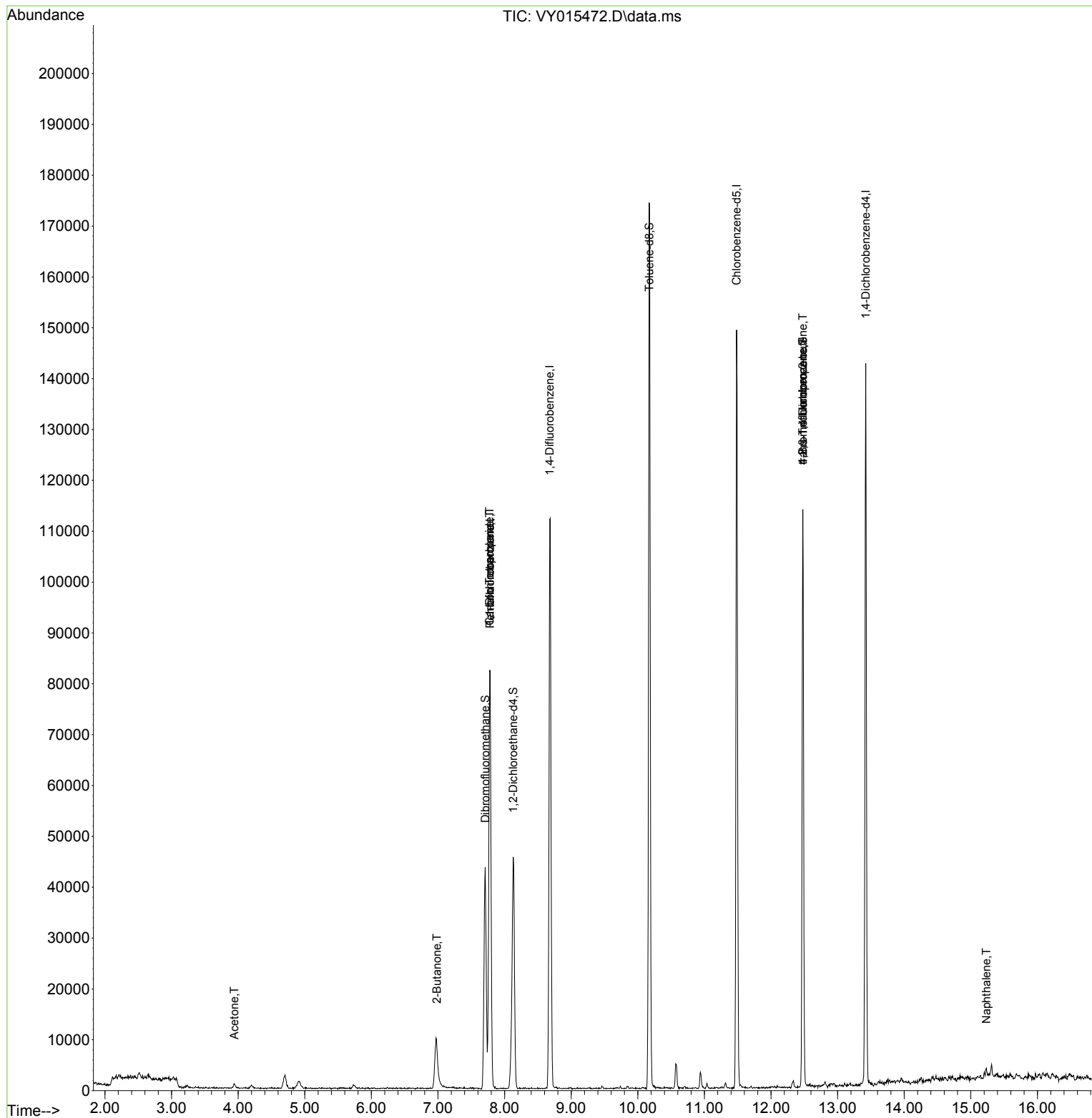
Internal Standards						
1) Pentafluorobenzene	7.783	168	65179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	97719	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	80745	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	35310	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	33486	47.925	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.860%
35) Dibromofluoromethane	7.710	113	30129	53.530	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.060%
50) Toluene-d8	10.173	98	114686	56.267	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.540%
62) 4-Bromofluorobenzene	12.477	95	33292	43.998	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.000%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.911	59	1719	Below Cal	#	89
16) Acetone	3.942	43	1317	4.516	ug/l #	84
20) Methylene Chloride	4.704	84	2068	Below Cal	#	69
25) 2-Butanone	6.984	43	508	1.228	ug/l #	49
36) 1,1-Dichloropropene	7.777	75	5255	5.317	ug/l #	49
38) Carbon Tetrachloride	7.777	117	6592	6.458	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	18275	39.028	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	18275	86.093	ug/l #	11
95) Naphthalene	15.233	128	1848	1.050	ug/l	98

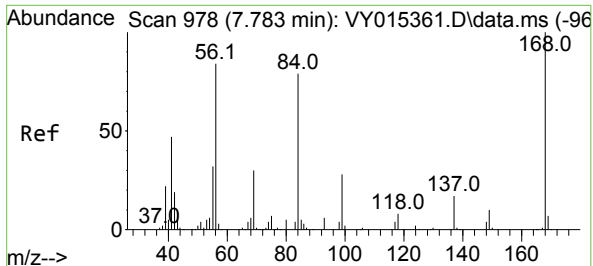
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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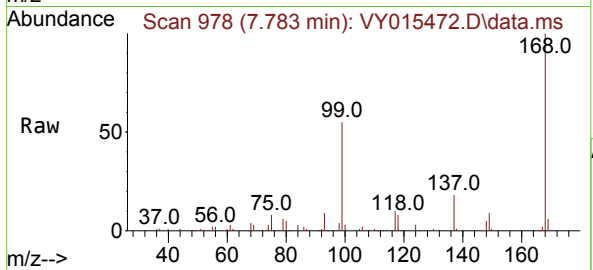
Quant Time: Sep 07 23:10:57 2023
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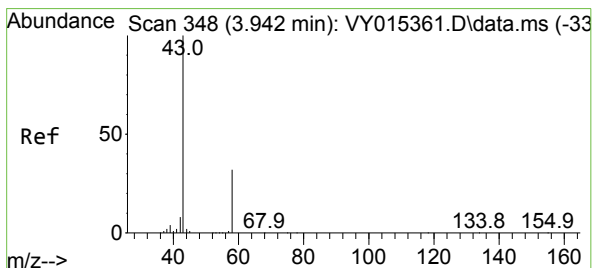
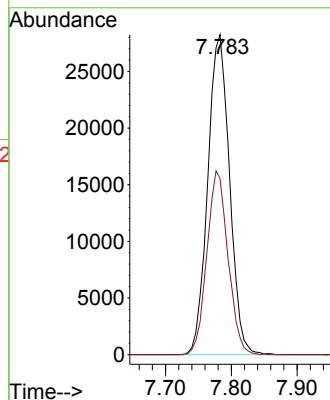
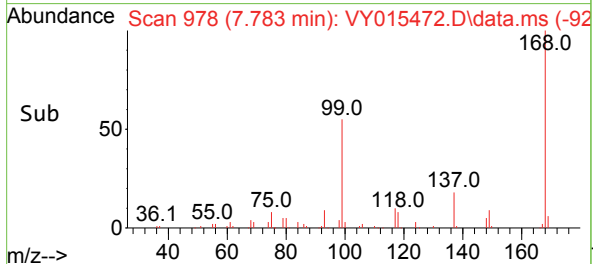


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015472.D
Acq: 07 Sep 2023 17:19

Instrument :
MSVOA_Y
ClientSampleId :

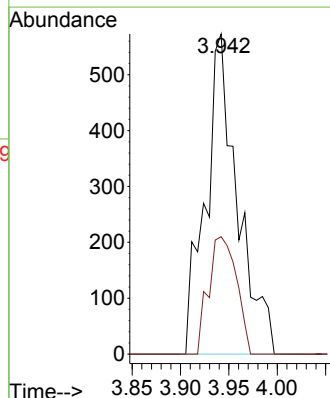
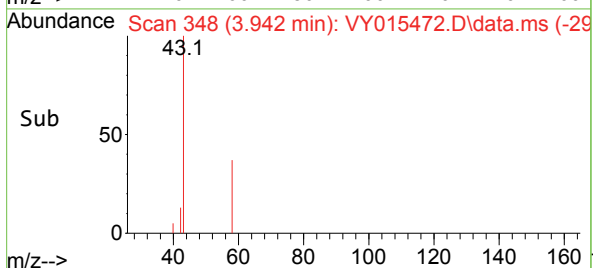
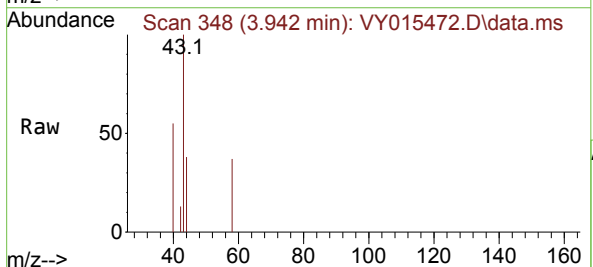


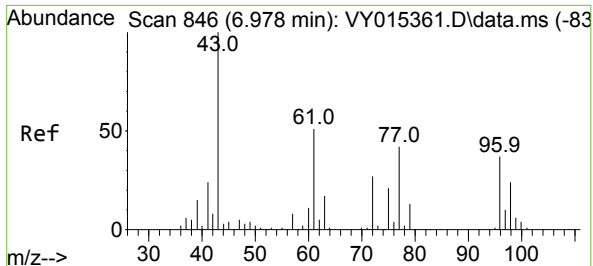
Tgt Ion:168 Resp: 65179
Ion Ratio Lower Upper
168 100
99 55.1 43.4 65.0



#16
Acetone
Concen: 4.516 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015472.D
Acq: 07 Sep 2023 17:19

Tgt Ion: 43 Resp: 1317
Ion Ratio Lower Upper
43 100
58 36.6 22.7 34.1#





#25

2-Butanone

Concen: 1.228 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY015472.D

Acq: 07 Sep 2023 17:19

Instrument :

MSVOA_Y

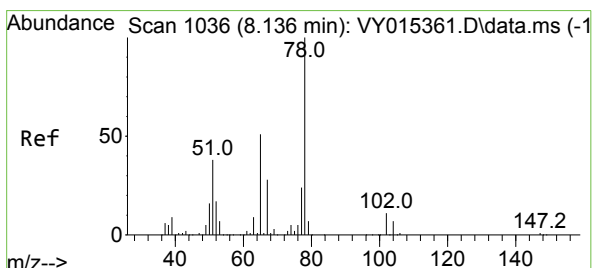
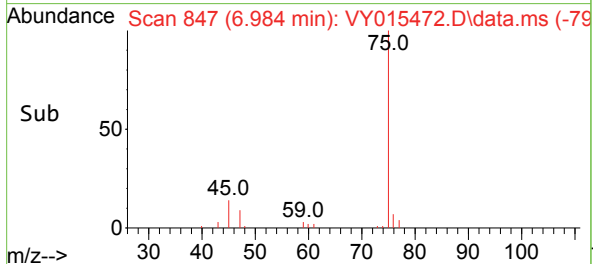
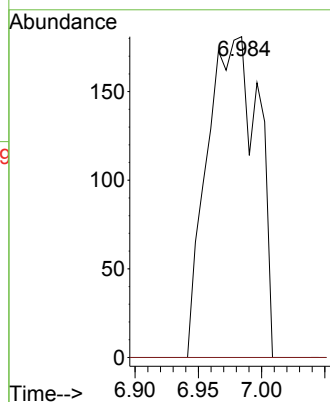
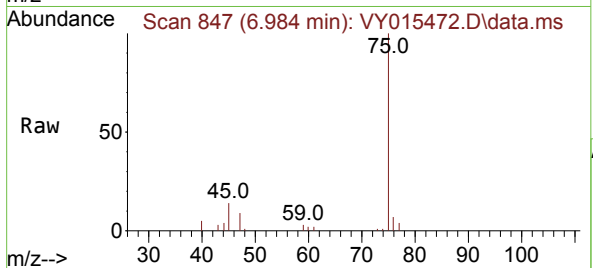
ClientSampleId :

Tgt Ion: 43 Resp: 508

Ion Ratio Lower Upper

43 100

72 0.0 20.5 30.7#



#33

1,2-Dichloroethane-d4

Concen: 47.925 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VY015472.D

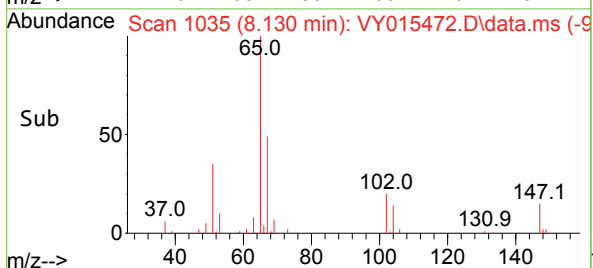
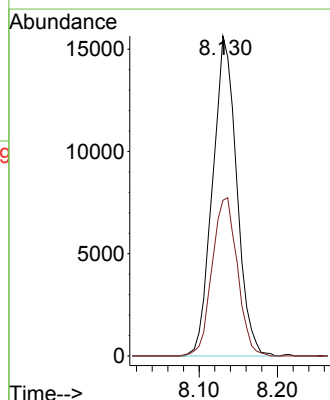
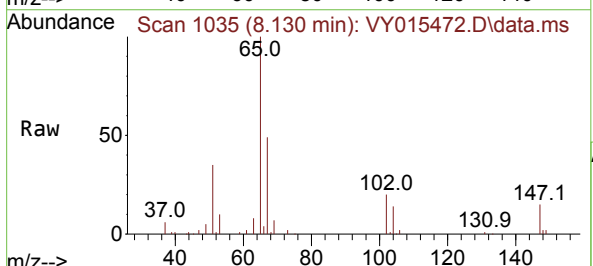
Acq: 07 Sep 2023 17:19

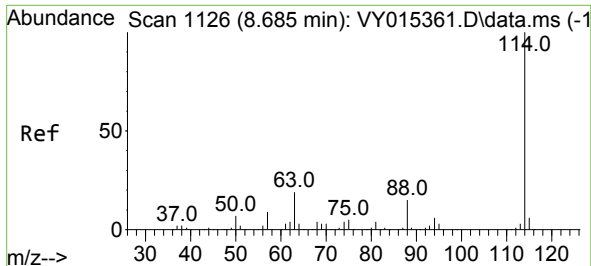
Tgt Ion: 65 Resp: 33486

Ion Ratio Lower Upper

65 100

67 51.8 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY015472.D

Acq: 07 Sep 2023 17:19

Instrument :

MSVOA_Y

ClientSampleId :

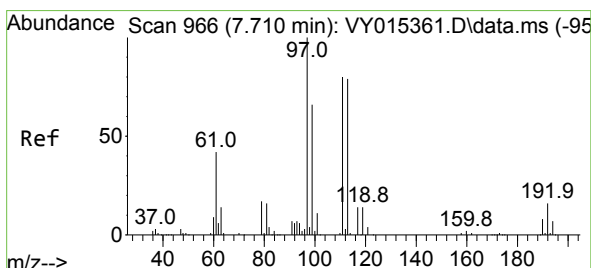
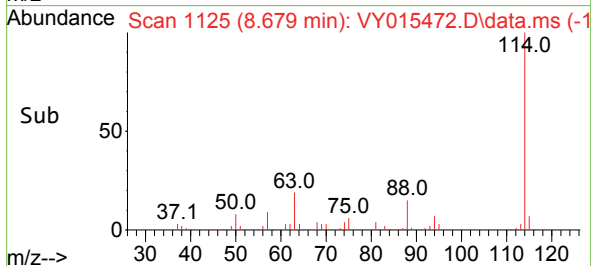
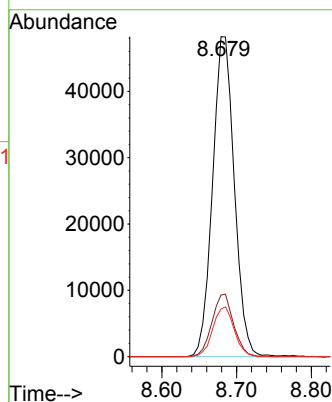
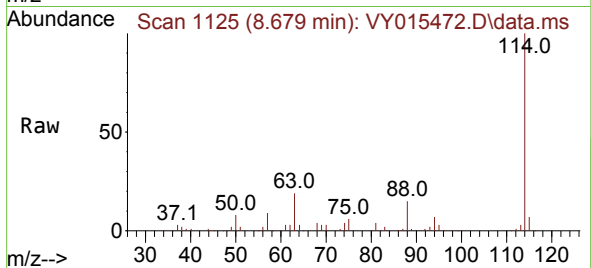
Tgt Ion:114 Resp: 97719

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.530 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY015472.D

Acq: 07 Sep 2023 17:19

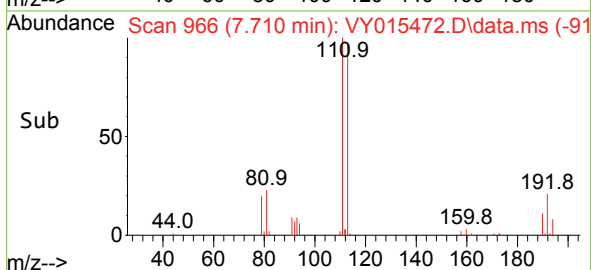
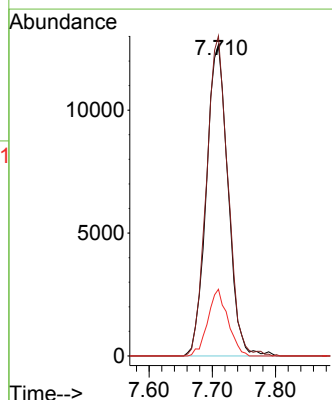
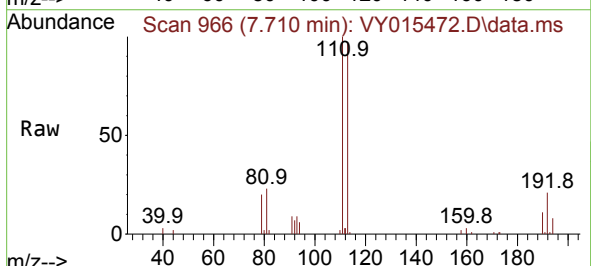
Tgt Ion:113 Resp: 30129

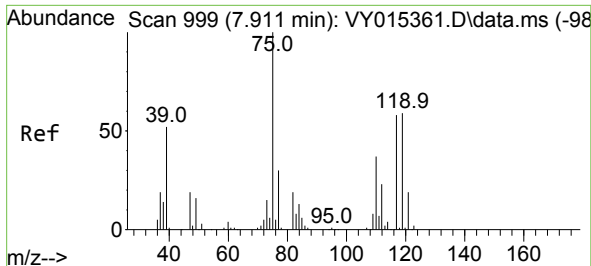
Ion Ratio Lower Upper

113 100

111 102.0 81.3 121.9

192 19.9 16.9 25.3





#36

1,1-Dichloropropene

Concen: 5.317 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY015472.D

Acq: 07 Sep 2023 17:19

Instrument :

MSVOA_Y

ClientSampleId :

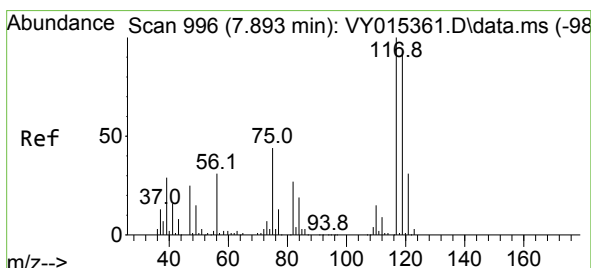
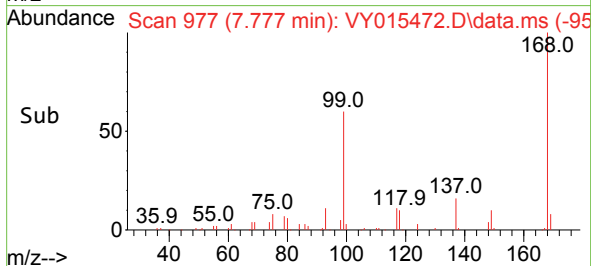
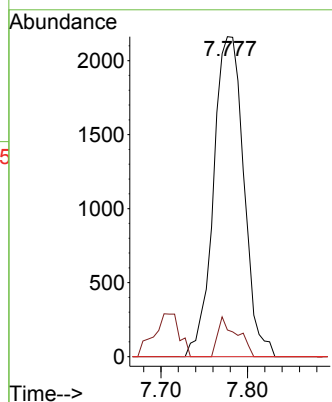
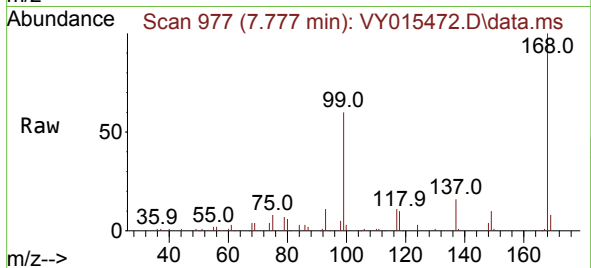
Tgt Ion: 75 Resp: 5255

Ion Ratio Lower Upper

75 100

110 7.9 17.8 53.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.458 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.116 min

Lab File: VY015472.D

Acq: 07 Sep 2023 17:19

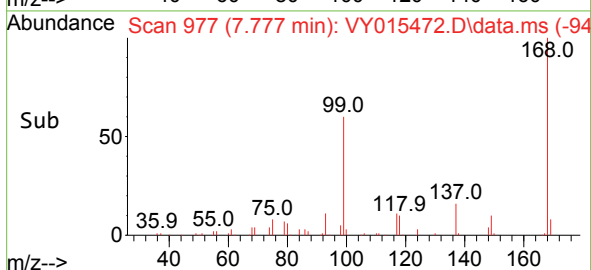
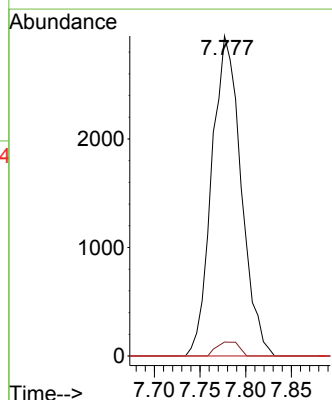
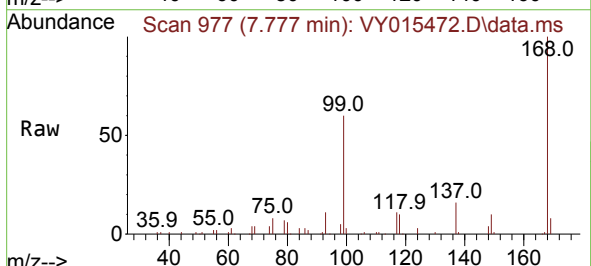
Tgt Ion: 117 Resp: 6592

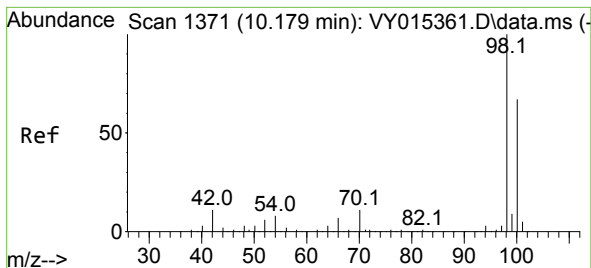
Ion Ratio Lower Upper

117 100

119 4.4 76.4 114.6#

121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 56.267 ug/l

RT: 10.173 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY015472.D

Acq: 07 Sep 2023 17:19

Instrument :

MSVOA_Y

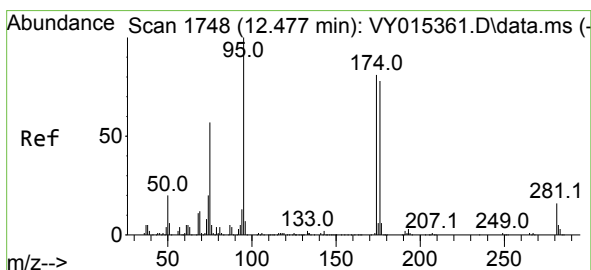
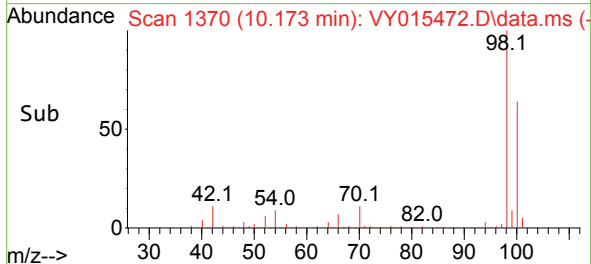
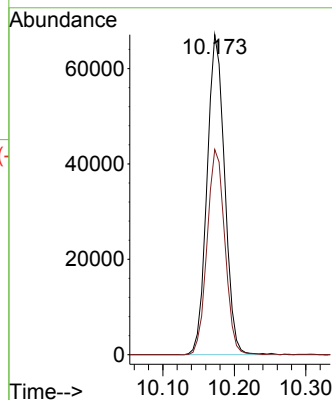
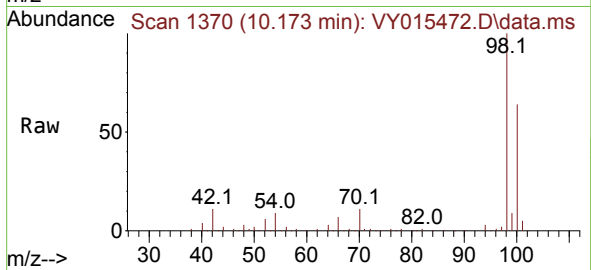
ClientSampleId :

Tgt Ion: 98 Resp: 114686

Ion Ratio Lower Upper

98 100

100 64.7 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 43.998 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY015472.D

Acq: 07 Sep 2023 17:19

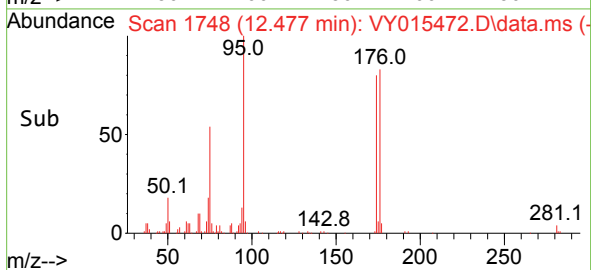
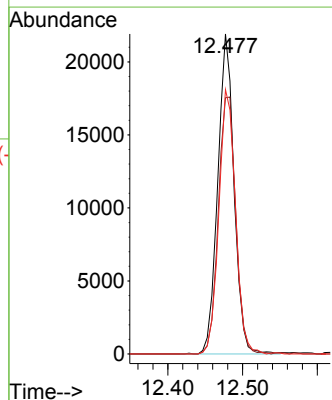
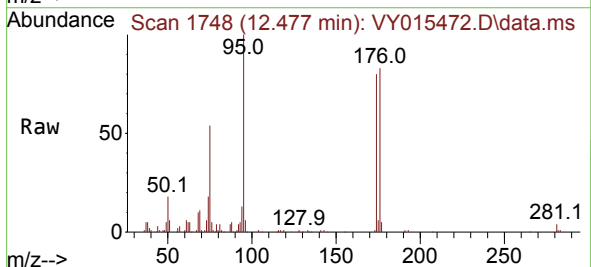
Tgt Ion: 95 Resp: 33292

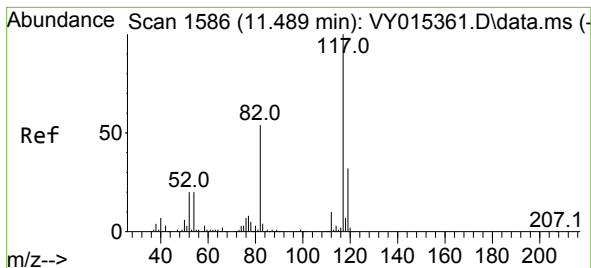
Ion Ratio Lower Upper

95 100

174 85.9 0.0 178.2

176 84.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

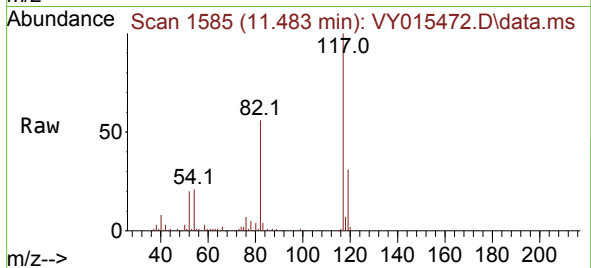
Lab File: VY015472.D

Acq: 07 Sep 2023 17:19

Instrument :

MSVOA_Y

ClientSampleId :



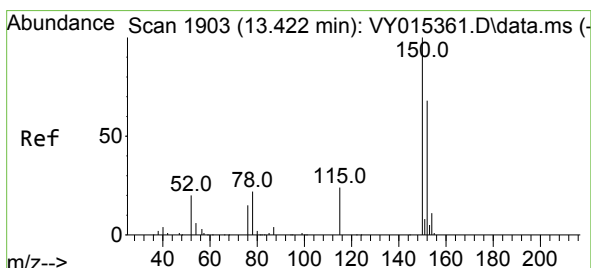
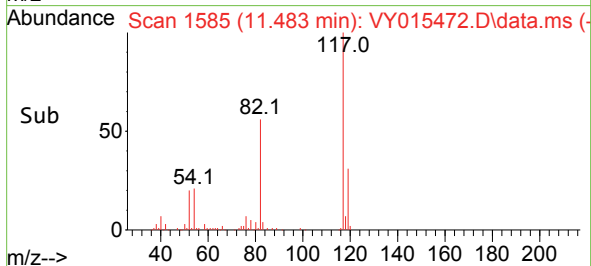
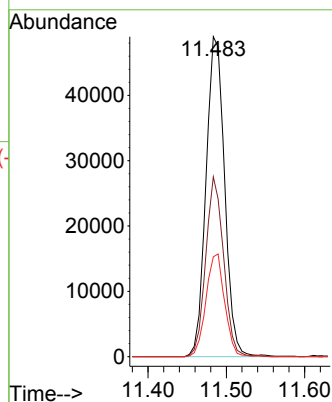
Tgt Ion:117 Resp: 80745

Ion Ratio Lower Upper

117 100

82 56.2 43.4 65.0

119 31.2 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: VY015472.D

Acq: 07 Sep 2023 17:19

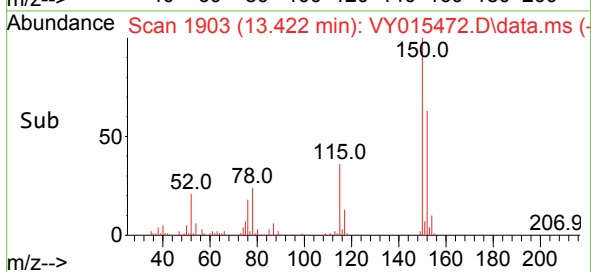
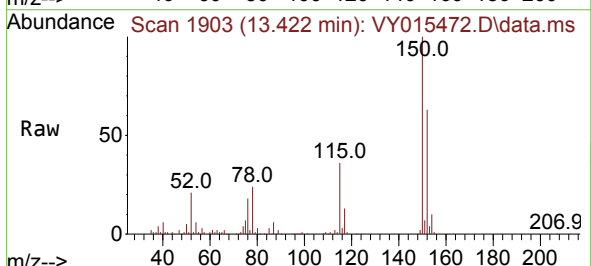
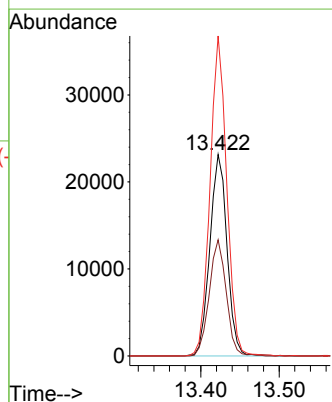
Tgt Ion:152 Resp: 35310

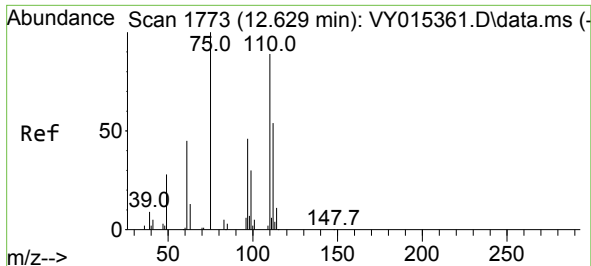
Ion Ratio Lower Upper

152 100

115 56.9 28.8 86.5

150 154.0 0.0 348.8

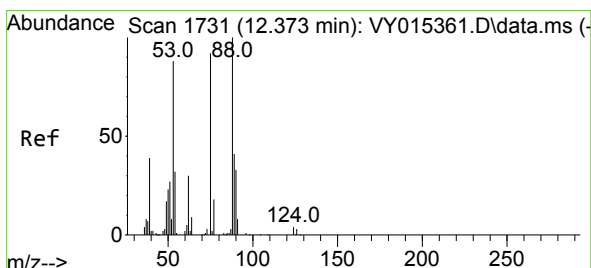
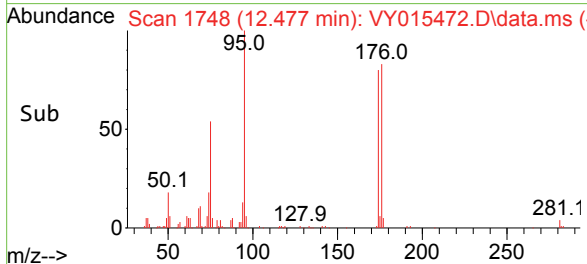
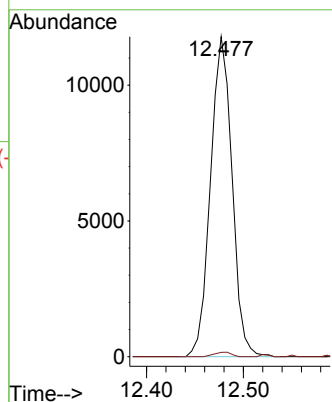
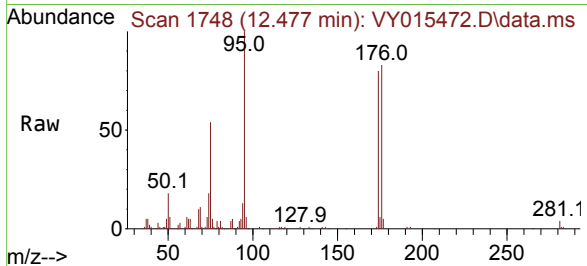




#76
1,2,3-Trichloropropane
Concen: 39.028 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY015472.D
Acq: 07 Sep 2023 17:19

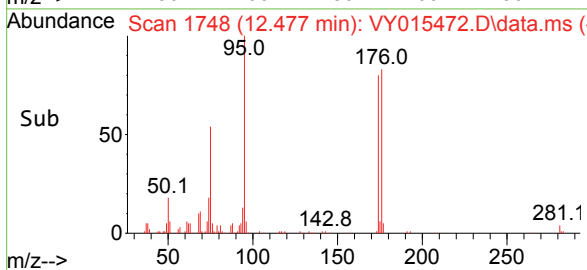
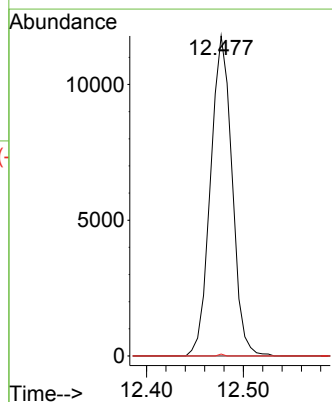
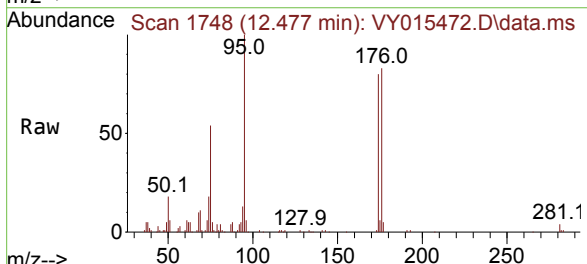
Instrument :
MSVOA_Y
ClientSampleId :

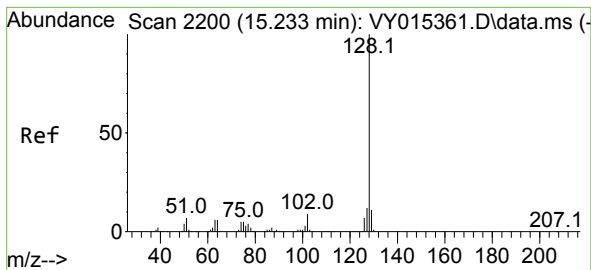
Tgt Ion: 75 Resp: 18275
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.093 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY015472.D
Acq: 07 Sep 2023 17:19

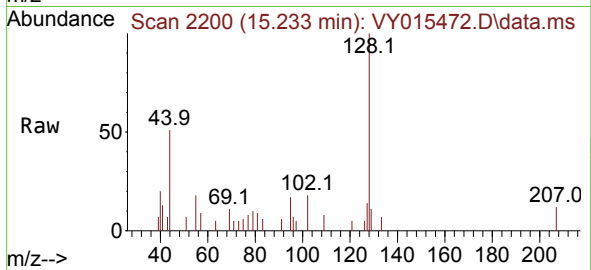
Tgt Ion: 75 Resp: 18275
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#





#95
 Naphthalene
 Concen: 1.050 ug/l
 RT: 15.233 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY015472.D
 Acq: 07 Sep 2023 17:19

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	128	Resp:	1848
Ion Ratio	Lower	Upper	
128	100		
127	12.3	10.8	16.2
129	10.7	8.6	13.0

