

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120324\
 Data File : VY020502.D
 Acq On : 03 Dec 2024 16:16
 Operator : SY/MD
 Sample : P5069-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A3988-SLUDGE

Quant Time: Dec 03 22:13:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

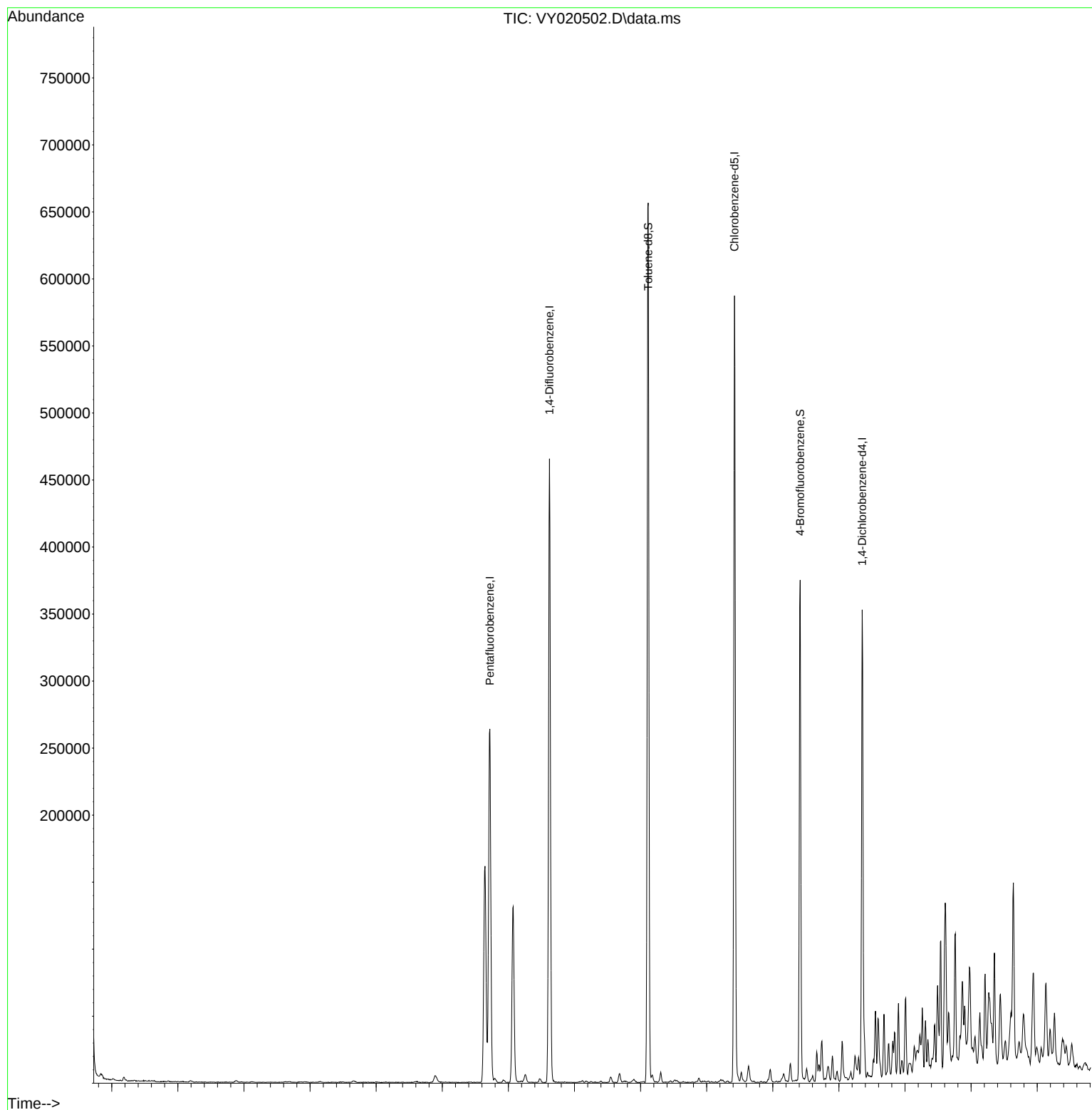
Internal Standards						
1) Pentafluorobenzene	7.719	168	199166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	377545	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	303823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	86135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	109445	54.032	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.060%
35) Dibromofluoromethane	7.646	113	118069	49.675	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.360%
50) Toluene-d8	10.115	98	431524	47.679	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.360%
62) 4-Bromofluorobenzene	12.414	95	114755	36.253	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	72.500%
Target Compounds						
80) 1,3,5-Trimethylbenzene	12.743	105	9278	1.389	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	15078	2.323	ug/l	100
86) p-Isopropyltoluene	13.298	119	7173	1.003	ug/l	96

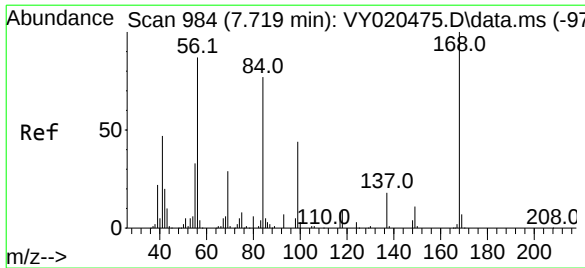
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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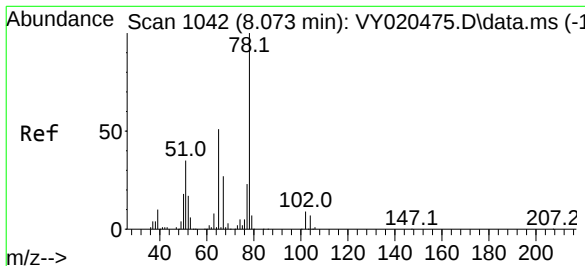
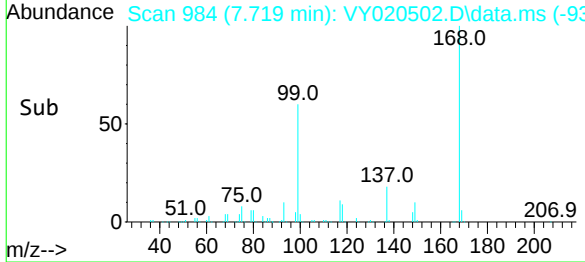
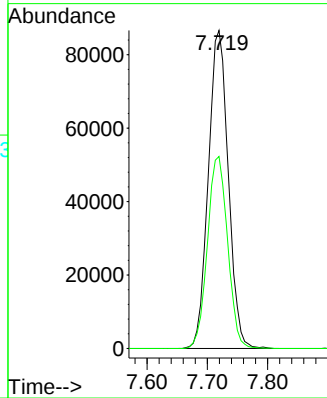
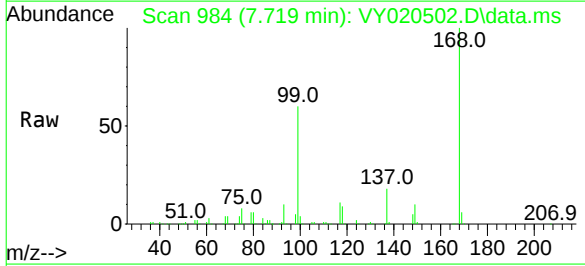




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.000 min
Lab File: VY020502.D
Acq: 03 Dec 2024 16:16

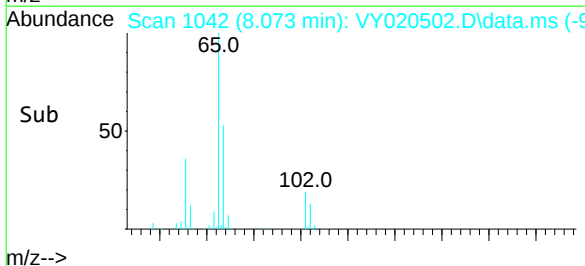
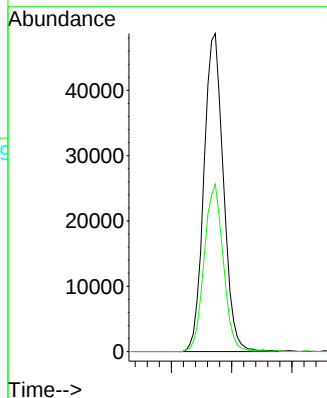
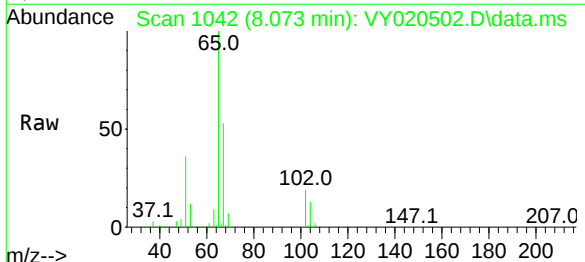
Instrument :
MSVOA_Y
ClientSampleId :
A3988-SLUDGE

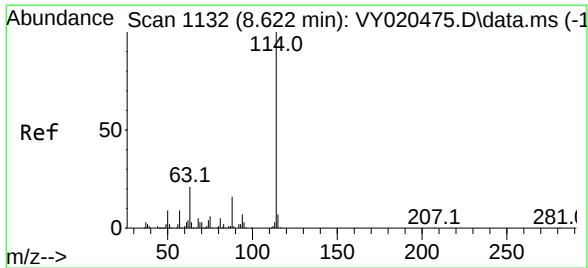
Tgt Ion:168 Resp: 199166
Ion Ratio Lower Upper
168 100
99 60.4 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 54.032 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VY020502.D
Acq: 03 Dec 2024 16:16

Tgt Ion: 65 Resp: 109445
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.8

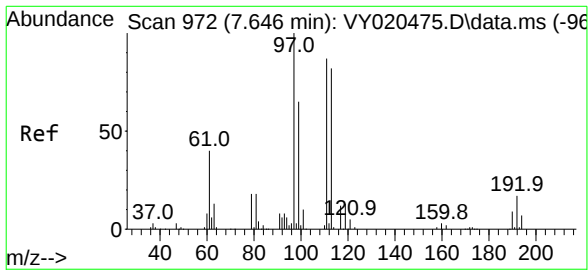
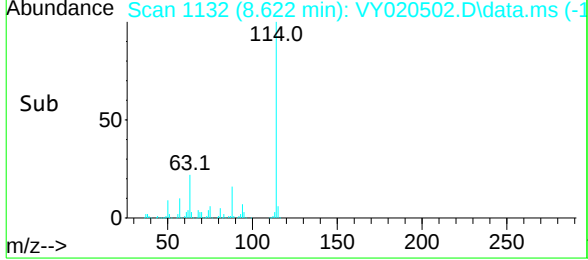
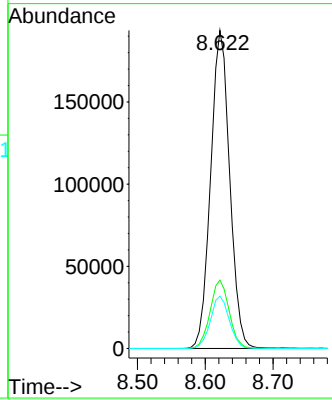
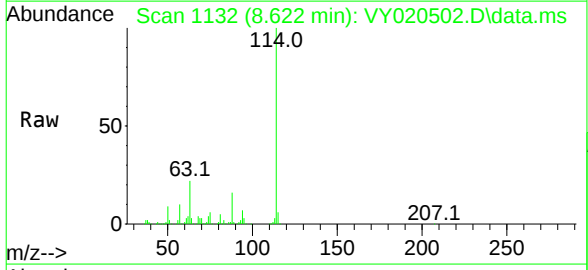




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY020502.D
Acq: 03 Dec 2024 16:16

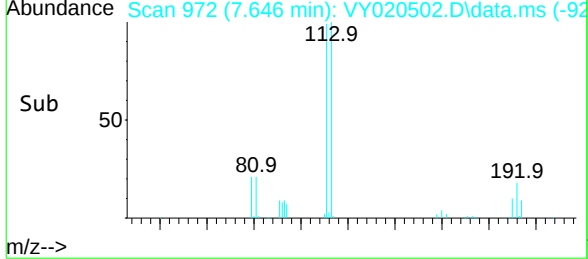
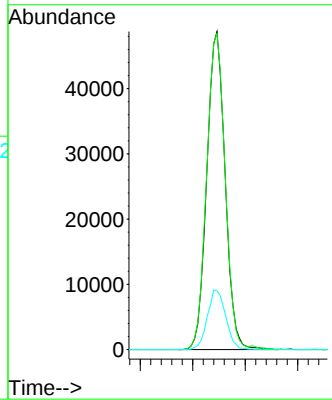
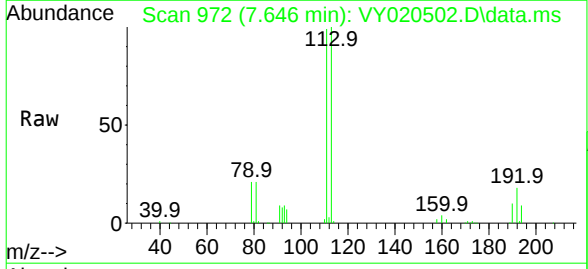
Instrument :
MSVOA_Y
ClientSampleId :
A3988-SLUDGE

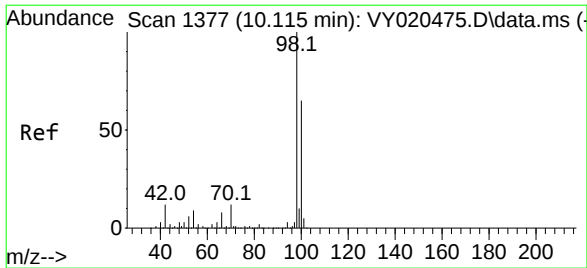
Tgt Ion:	114	Resp:	377545
Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	44.8
88	16.5	0.0	32.0



#35
Dibromofluoromethane
Concen: 49.675 ug/l
RT: 7.646 min Scan# 972
Delta R.T. -0.000 min
Lab File: VY020502.D
Acq: 03 Dec 2024 16:16

Tgt Ion:	113	Resp:	118069
Ion	Ratio	Lower	Upper
113	100		
111	100.2	81.4	122.0
192	18.8	15.1	22.7





#50

Toluene-d8

Concen: 47.679 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. -0.000 min

Lab File: VY020502.D

Acq: 03 Dec 2024 16:16

Instrument :

MSVOA_Y

ClientSampleId :

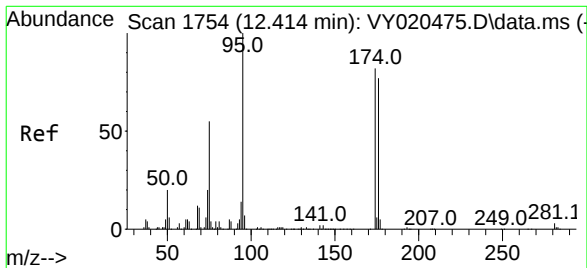
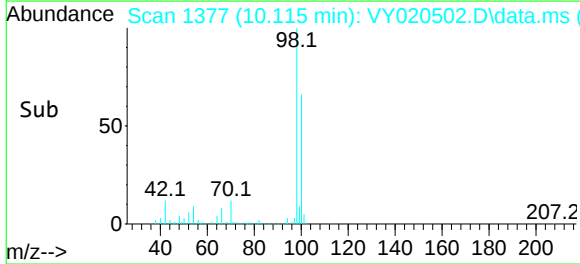
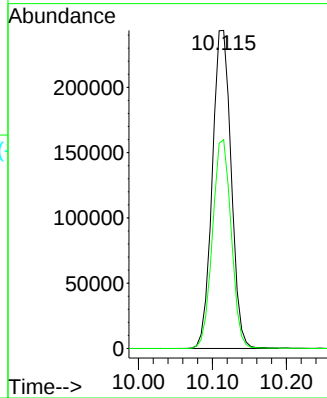
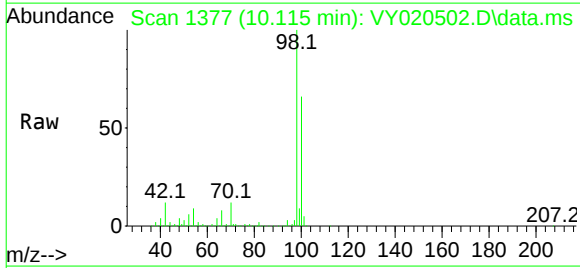
A3988-SLUDGE

Tgt Ion: 98 Resp: 431524

Ion Ratio Lower Upper

98 100

100 65.2 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 36.253 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.000 min

Lab File: VY020502.D

Acq: 03 Dec 2024 16:16

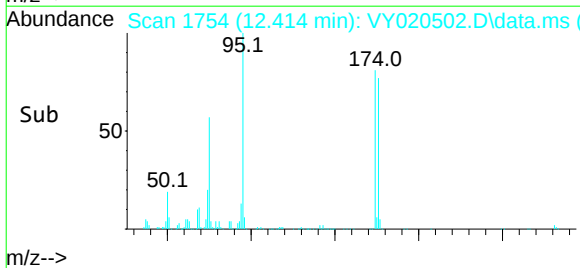
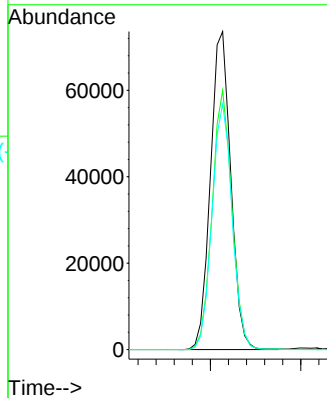
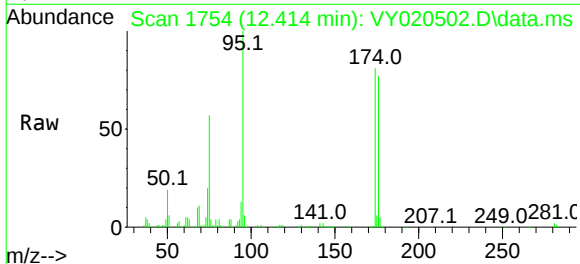
Tgt Ion: 95 Resp: 114755

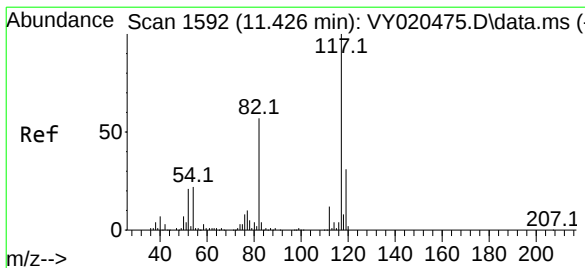
Ion Ratio Lower Upper

95 100

174 79.7 0.0 156.8

176 76.5 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1592

Delta R.T. -0.006 min

Lab File: VY020502.D

Acq: 03 Dec 2024 16:16

Instrument :

MSVOA_Y

ClientSampleId :

A3988-SLUDGE

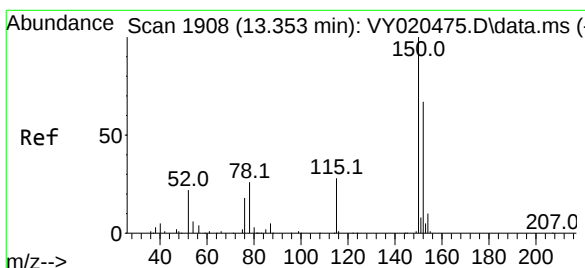
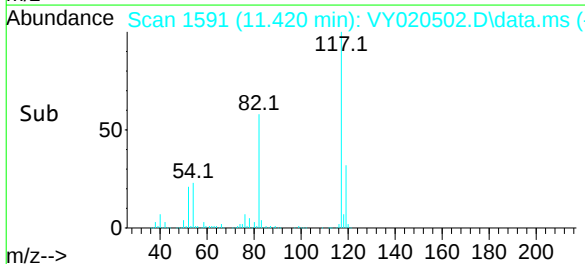
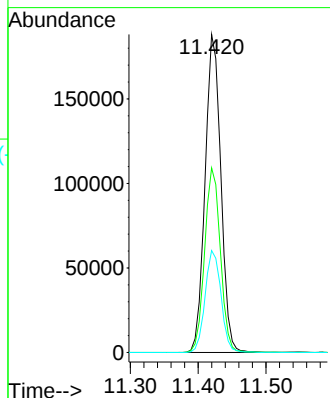
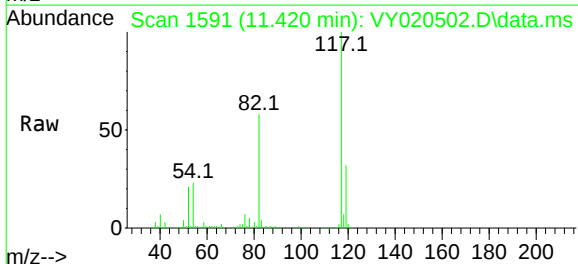
Tgt Ion:117 Resp: 303823

Ion Ratio Lower Upper

117 100

82 58.0 48.2 72.4

119 32.1 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY020502.D

Acq: 03 Dec 2024 16:16

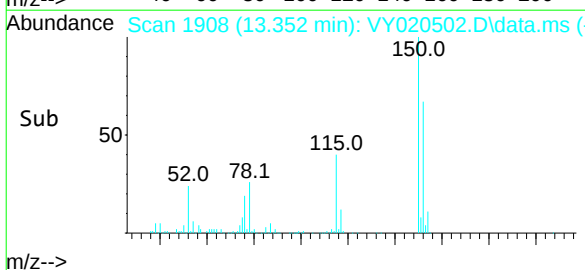
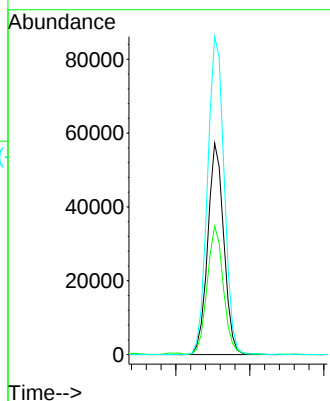
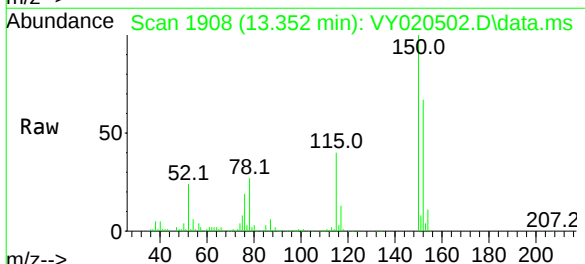
Tgt Ion:152 Resp: 86135

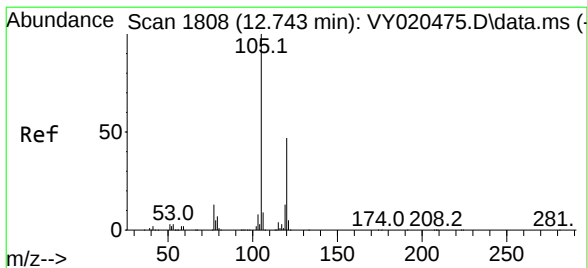
Ion Ratio Lower Upper

152 100

115 61.6 30.0 90.0

150 155.9 0.0 348.2





#80

1,3,5-Trimethylbenzene

Concen: 1.389 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. -0.000 min

Lab File: VY020502.D

Acq: 03 Dec 2024 16:16

Instrument :

MSVOA_Y

ClientSampleId :

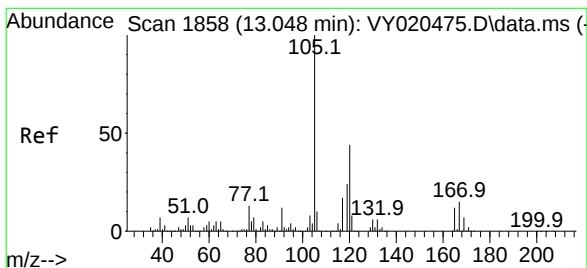
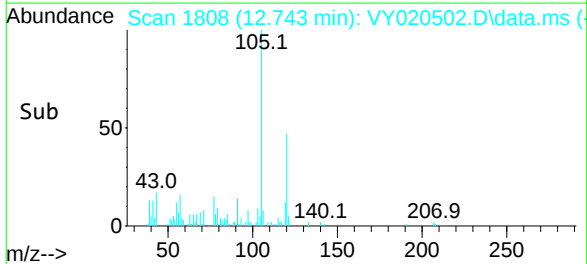
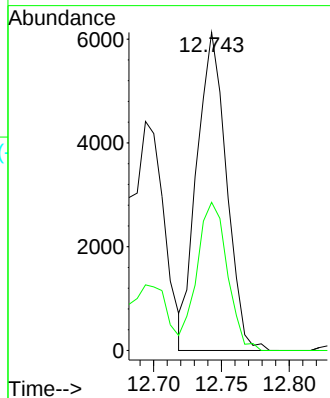
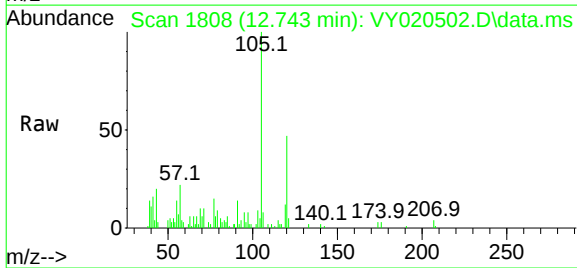
A3988-SLUDGE

Tgt Ion:105 Resp: 9278

Ion Ratio Lower Upper

105 100

120 47.9 24.3 72.8



#84

1,2,4-Trimethylbenzene

Concen: 2.323 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VY020502.D

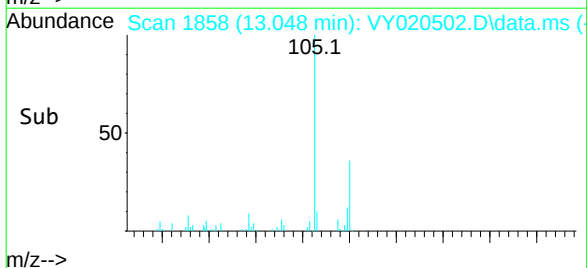
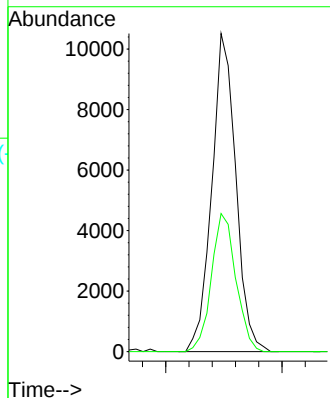
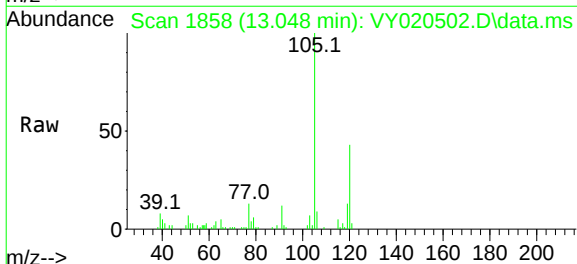
Acq: 03 Dec 2024 16:16

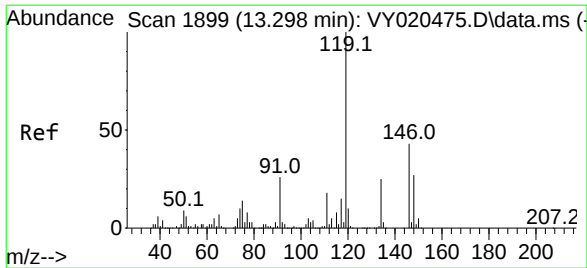
Tgt Ion:105 Resp: 15078

Ion Ratio Lower Upper

105 100

120 44.2 22.0 66.0





#86
 p-Isopropyltoluene
 Concen: 1.003 ug/l
 RT: 13.298 min Scan# 18
 Delta R.T. -0.000 min
 Lab File: VY020502.D
 Acq: 03 Dec 2024 16:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 A3988-SLUDGE

Tgt Ion:	119	Resp:	7173
Ion	Ratio	Lower	Upper
119	100		
134	29.8	12.8	38.4
91	24.3	12.3	36.8

