

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080422\
 Data File : VY009830.D
 Acq On : 04 Aug 2022 14:24
 Operator : KP/MD
 Sample : N3991-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-02-080122

Quant Time: Aug 04 16:52:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 04 02:27:45 2022
 Response via : Initial Calibration

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

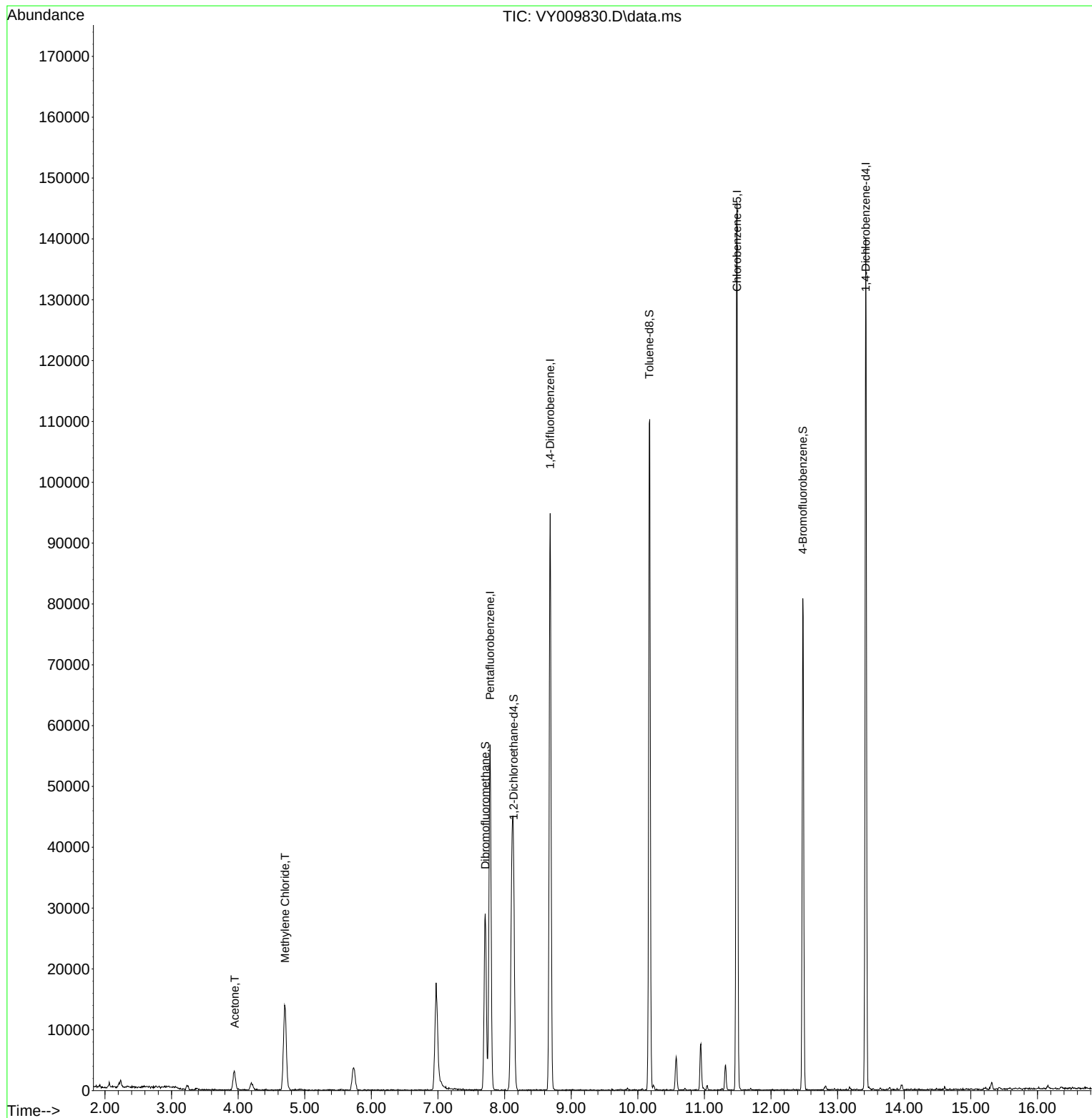
Internal Standards						
1) Pentafluorobenzene	7.783	168	43773	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	79856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	78107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	34026	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	21187	60.105	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.220%
35) Dibromofluoromethane	7.710	113	20032	41.143	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.280%
50) Toluene-d8	10.173	98	70458	49.178	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	98.360%
62) 4-Bromofluorobenzene	12.477	95	22537	34.183	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	68.360%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	5317	42.910	ug/l	91
20) Methylene Chloride	4.704	84	10027	11.430	ug/l	92

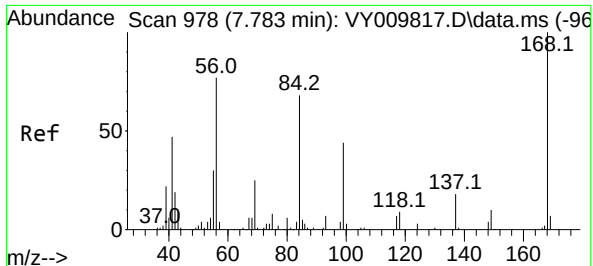
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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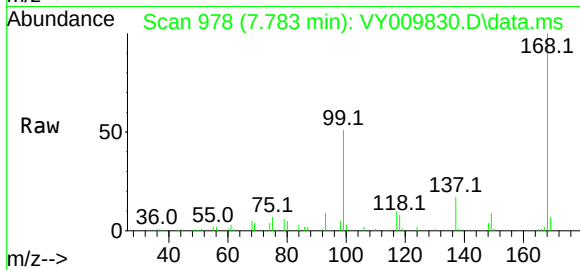
Quant Time: Aug 04 16:52:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
Quant Title : SW846 8260
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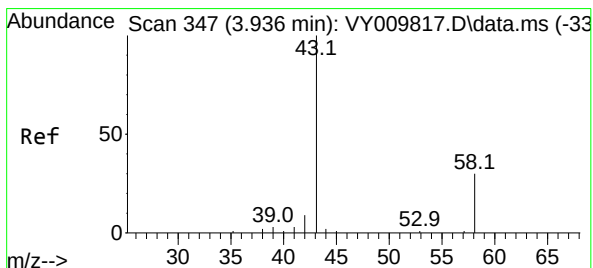
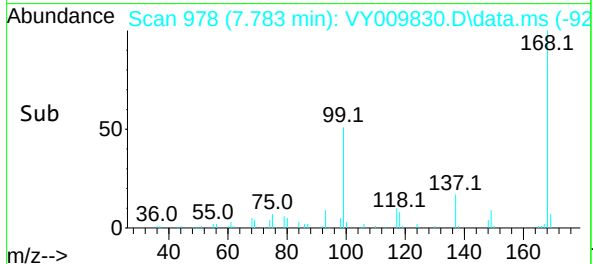
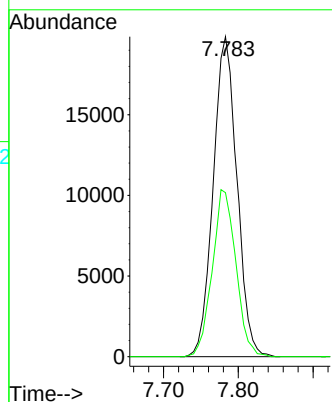


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009830.D
Acq: 04 Aug 2022 14:24

Instrument :
MSVOA_Y
ClientSampleId :
CL-02-080122

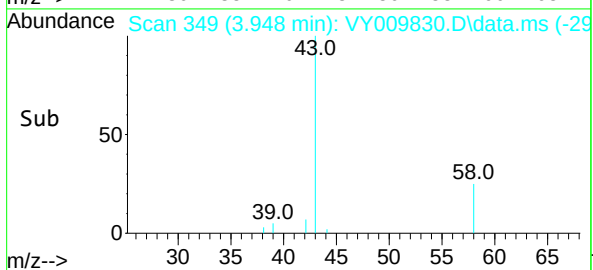
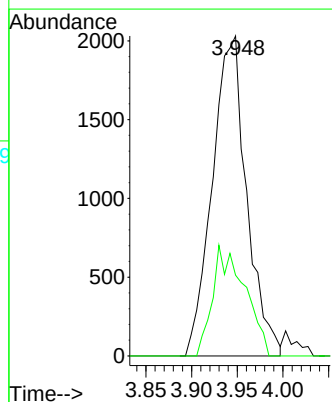
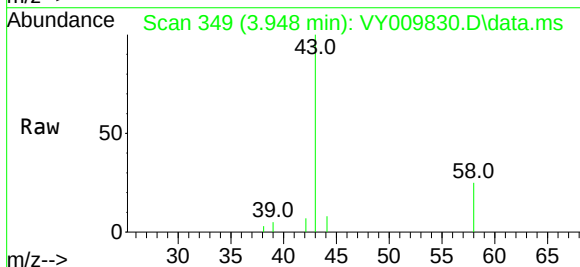


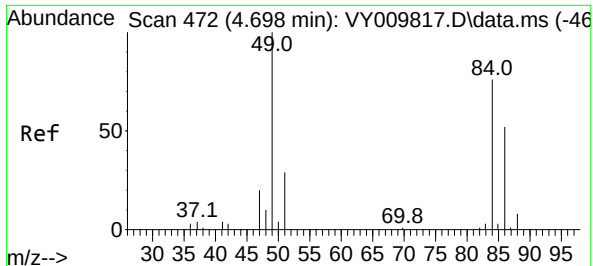
Tgt Ion:168 Resp: 43773
Ion Ratio Lower Upper
168 100
99 51.2 44.7 67.1



#16
Acetone
Concen: 42.910 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY009830.D
Acq: 04 Aug 2022 14:24

Tgt Ion: 43 Resp: 5317
Ion Ratio Lower Upper
43 100
58 25.3 24.1 36.1



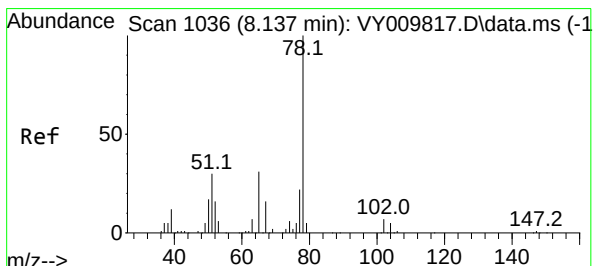
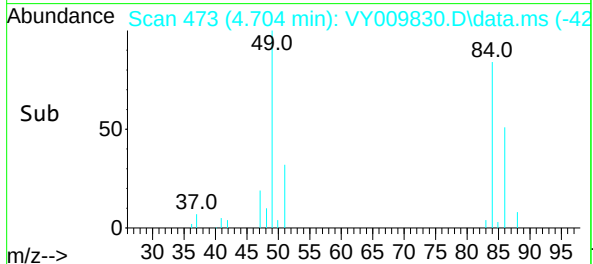
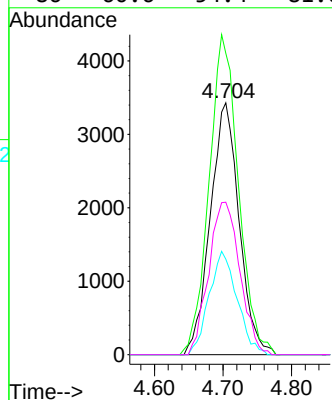
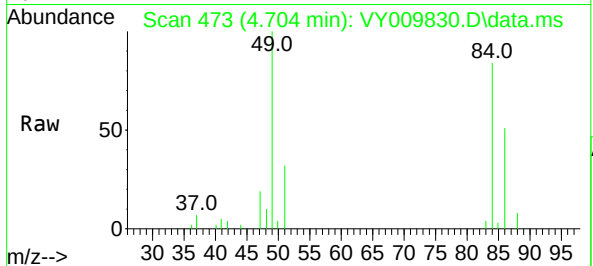


#20
Methylene Chloride
Concen: 11.430 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY009830.D
Acq: 04 Aug 2022 14:24

Instrument :
MSVOA_Y
ClientSampleId :
CL-02-080122

Tgt Ion: 84 Resp: 10027

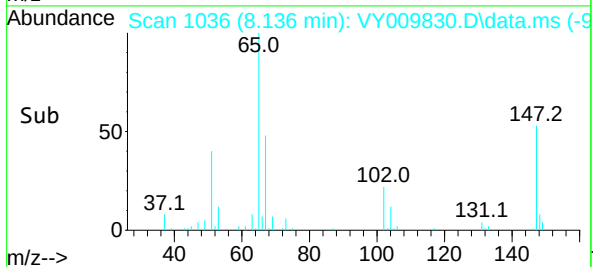
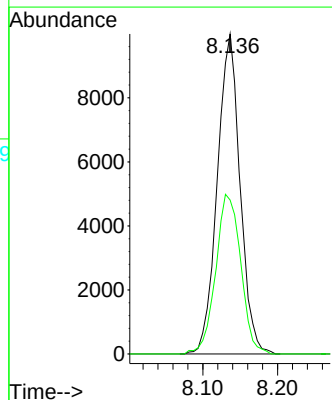
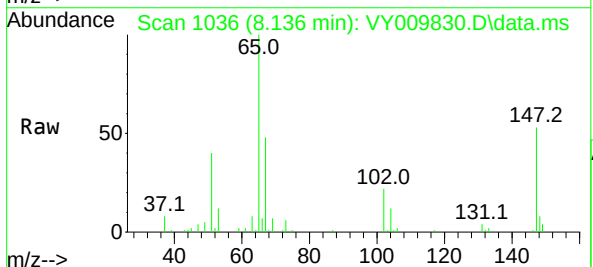
Ion	Ratio	Lower	Upper
84	100		
49	119.7	104.6	156.8
51	37.9	30.9	46.3
86	60.6	54.4	81.6

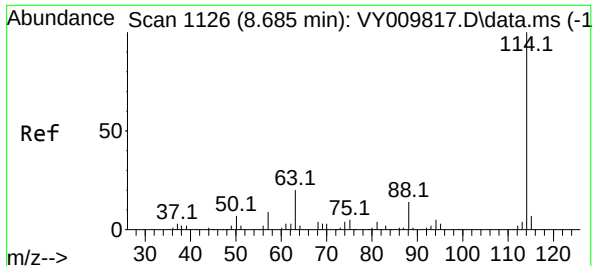


#33
1,2-Dichloroethane-d4
Concen: 60.105 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY009830.D
Acq: 04 Aug 2022 14:24

Tgt Ion: 65 Resp: 21187

Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	112.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009830.D

Acq: 04 Aug 2022 14:24

Instrument :

MSVOA_Y

ClientSampleId :

CL-02-080122

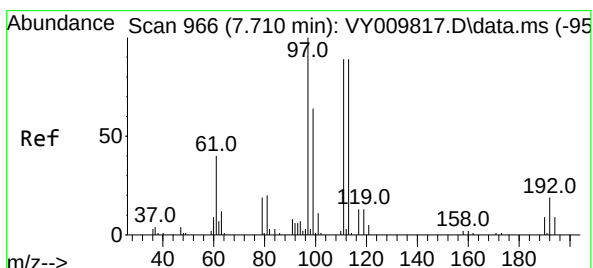
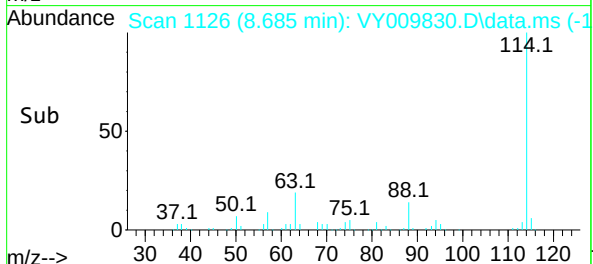
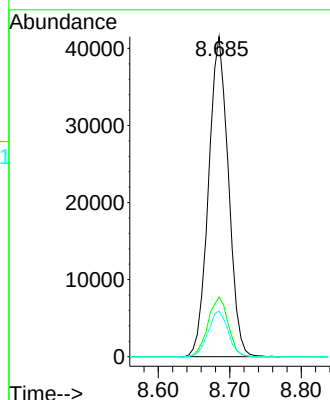
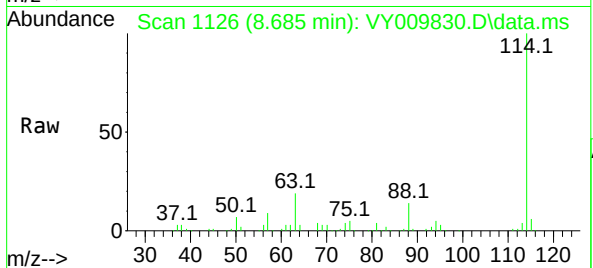
Tgt Ion:114 Resp: 79856

Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.2

88 14.2 0.0 27.6



#35

Dibromofluoromethane

Concen: 41.143 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009830.D

Acq: 04 Aug 2022 14:24

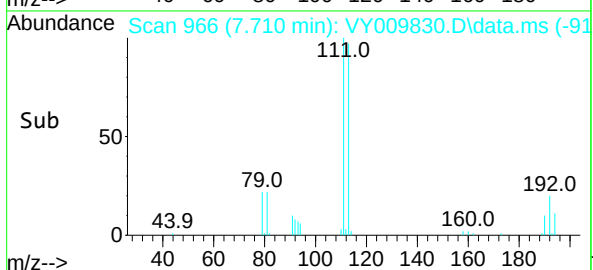
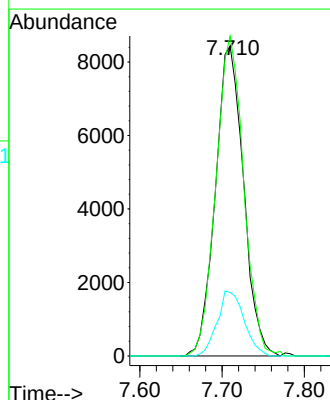
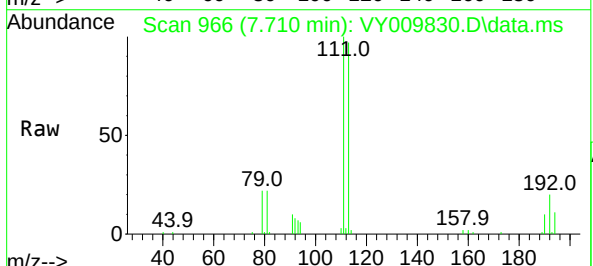
Tgt Ion:113 Resp: 20032

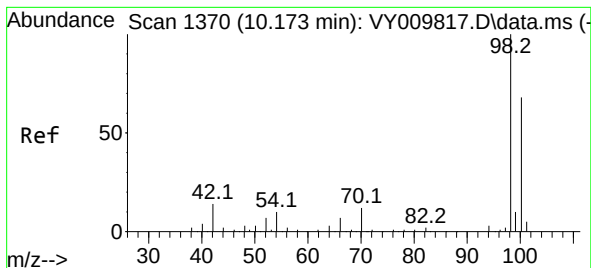
Ion Ratio Lower Upper

113 100

111 101.9 82.4 123.6

192 20.0 16.5 24.7





#50

Toluene-d8

Concen: 49.178 ug/l

RT: 10.173 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009830.D

Acq: 04 Aug 2022 14:24

Instrument :

MSVOA_Y

ClientSampleId :

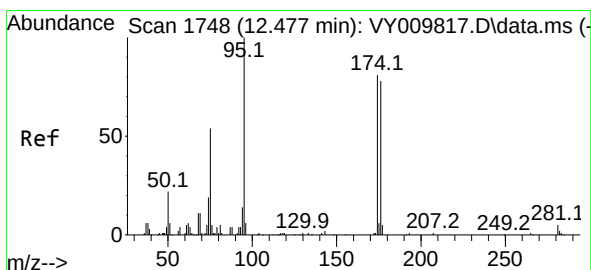
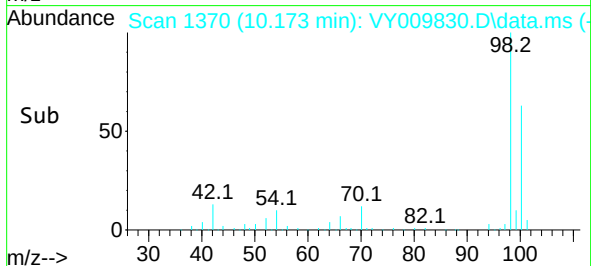
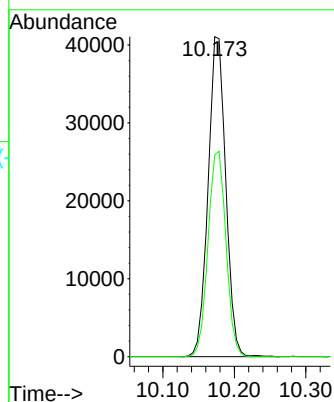
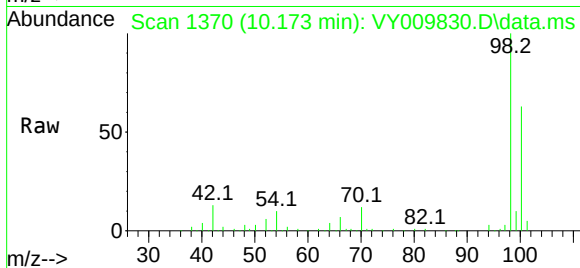
CL-02-080122

Tgt Ion: 98 Resp: 70458

Ion Ratio Lower Upper

98 100

100 65.1 53.4 80.2



#62

4-Bromofluorobenzene

Concen: 34.183 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY009830.D

Acq: 04 Aug 2022 14:24

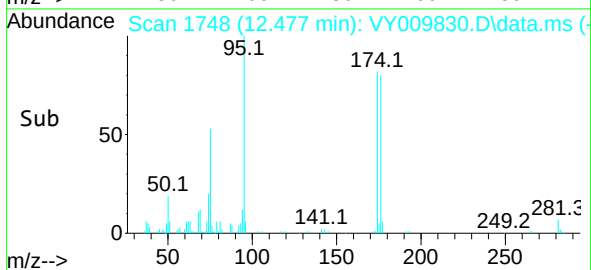
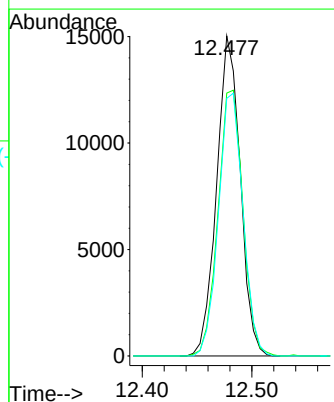
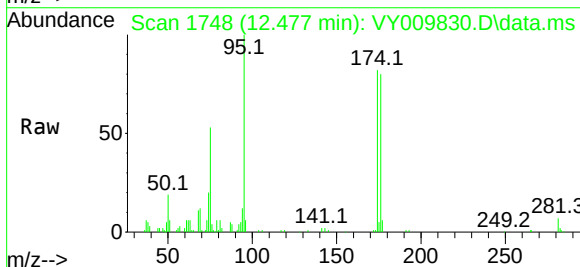
Tgt Ion: 95 Resp: 22537

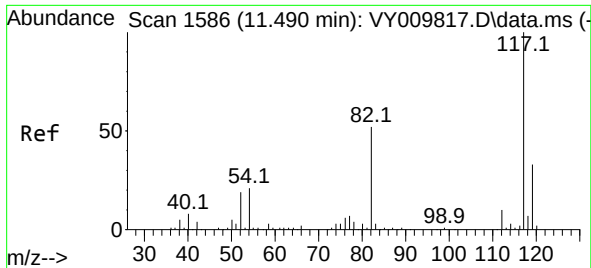
Ion Ratio Lower Upper

95 100

174 87.4 0.0 168.6

176 85.1 0.0 163.6

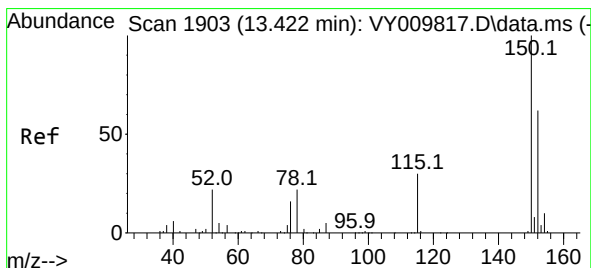
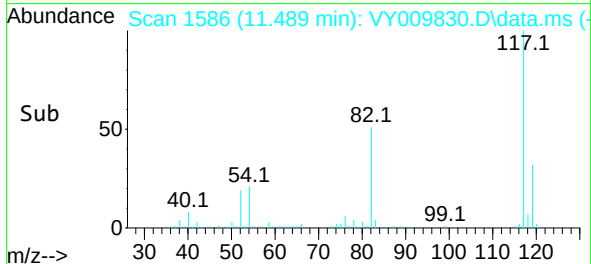
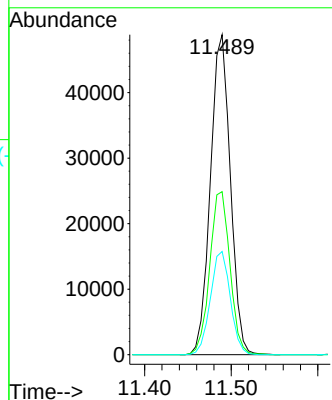
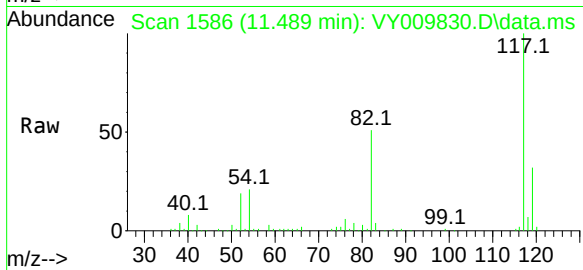




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY009830.D
Acq: 04 Aug 2022 14:24

Instrument :
MSVOA_Y
ClientSampleId :
CL-02-080122

Tgt Ion:117 Resp: 78107
Ion Ratio Lower Upper
117 100
82 51.0 41.7 62.5
119 32.3 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009830.D
Acq: 04 Aug 2022 14:24

Tgt Ion:152 Resp: 34026
Ion Ratio Lower Upper
152 100
115 55.6 28.9 86.7
150 157.3 0.0 354.2

