

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080122\
 Data File : VY009808.D
 Acq On : 01 Aug 2022 19:46
 Operator : KP/MD
 Sample : N3960-13
 Misc : 3.27g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-160

Quant Time: Aug 02 01:42:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

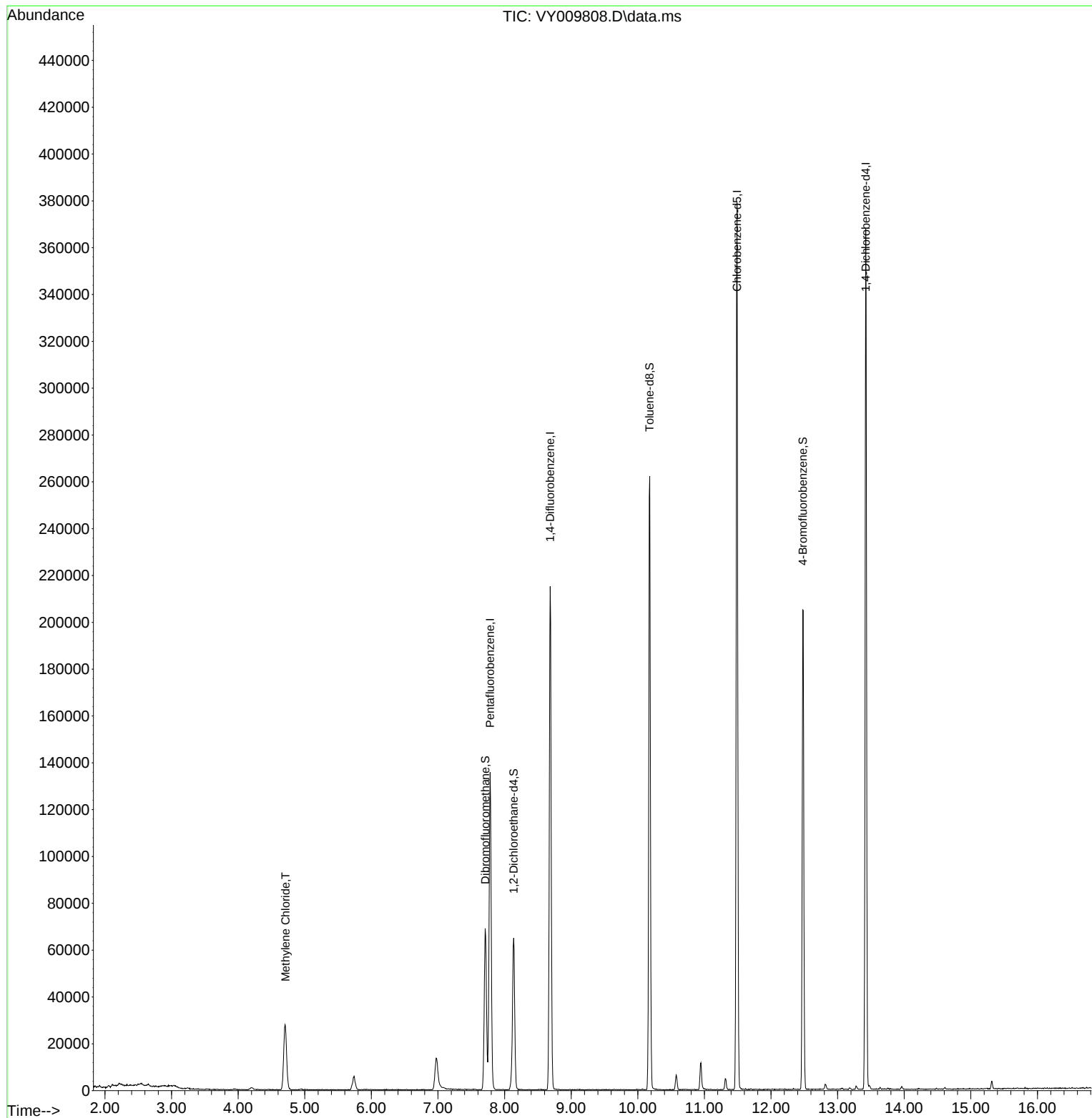
Internal Standards						
1) Pentafluorobenzene	7.783	168	109723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	188964	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	210415	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	100429	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	48229	67.885	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.760%
35) Dibromofluoromethane	7.710	113	48393	47.087	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.180%
50) Toluene-d8	10.179	98	173108	58.562	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	117.120%
62) 4-Bromofluorobenzene	12.477	95	59545	43.695	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	87.380%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	21323	8.989	ug/l #	81

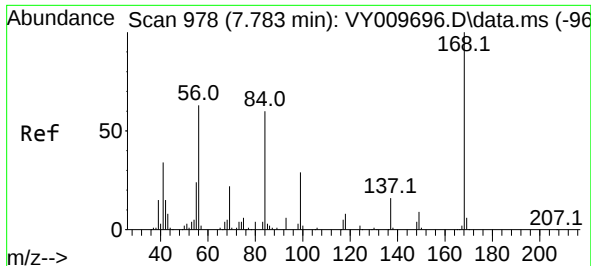
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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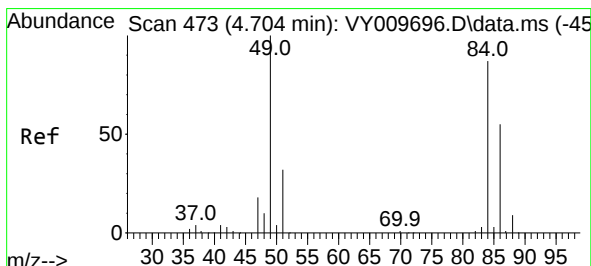
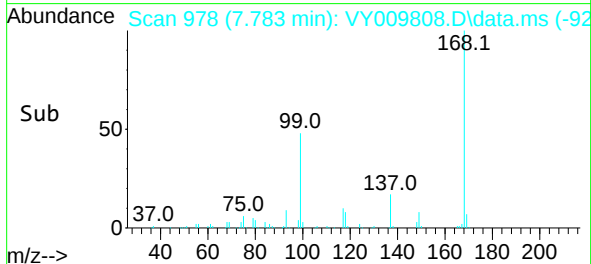
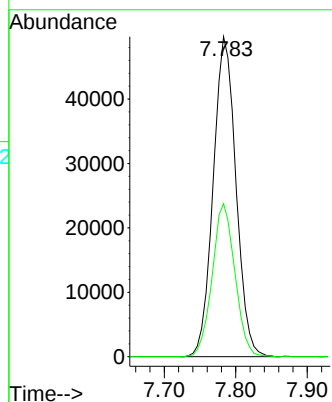
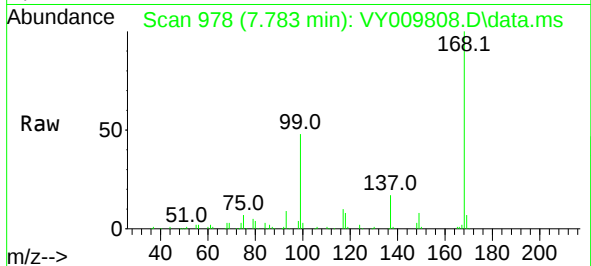




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009808.D
Acq: 01 Aug 2022 19:46

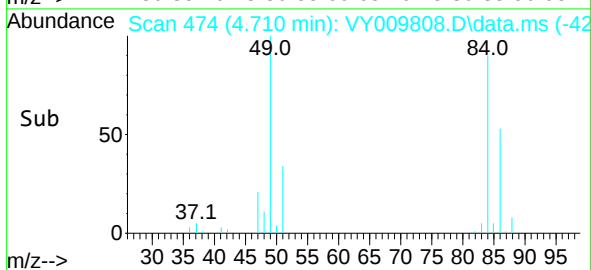
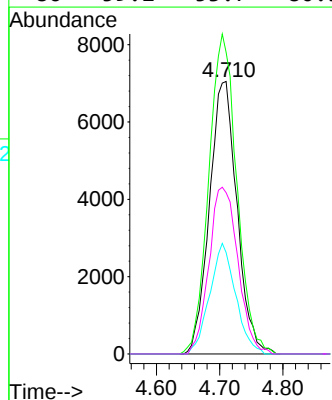
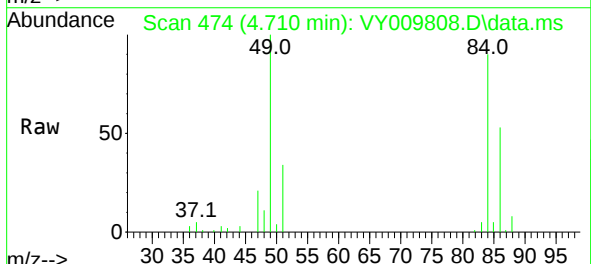
Instrument :
MSVOA_Y
ClientSampleId :
RVE-160

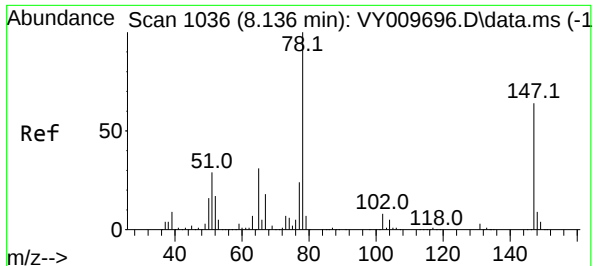
Tgt Ion:168 Resp: 109723
Ion Ratio Lower Upper
168 100
99 47.8 46.9 70.3



#20
Methylene Chloride
Concen: 8.989 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY009808.D
Acq: 01 Aug 2022 19:46

Tgt Ion: 84 Resp: 21323
Ion Ratio Lower Upper
84 100
49 110.7 114.4 171.6#
51 37.2 35.3 52.9
86 59.2 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 67.885 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009808.D

Acq: 01 Aug 2022 19:46

Instrument :

MSVOA_Y

ClientSampleId :

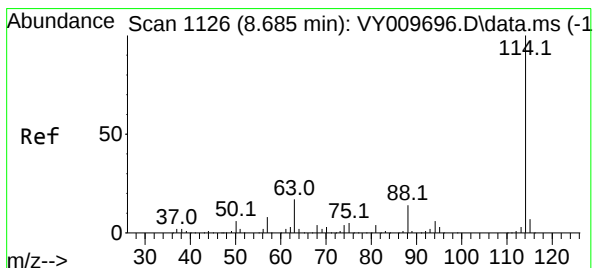
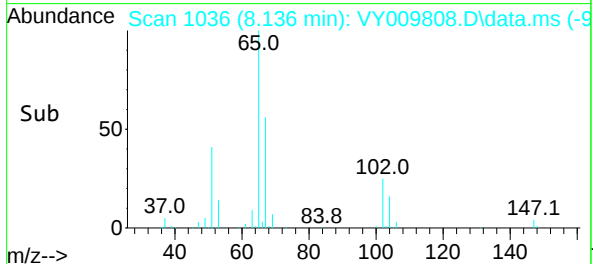
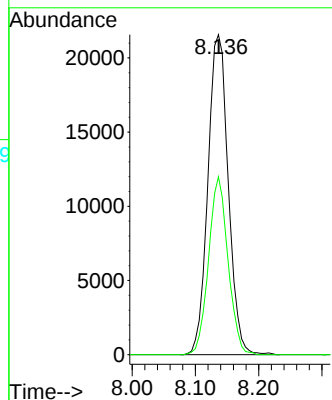
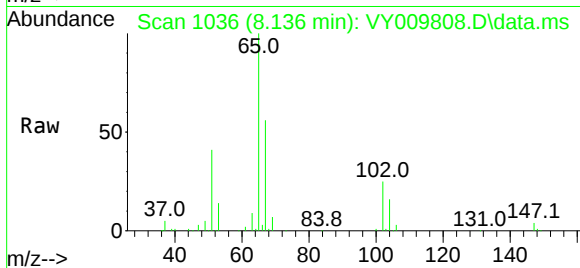
RVE-160

Tgt Ion: 65 Resp: 48229

Ion Ratio Lower Upper

65 100

67 52.9 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009808.D

Acq: 01 Aug 2022 19:46

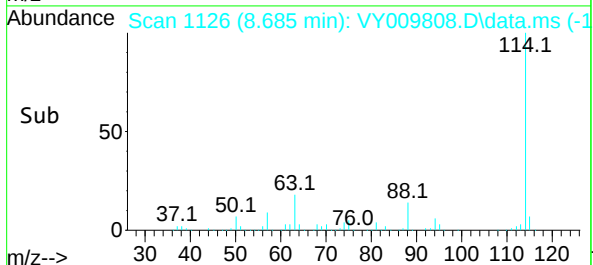
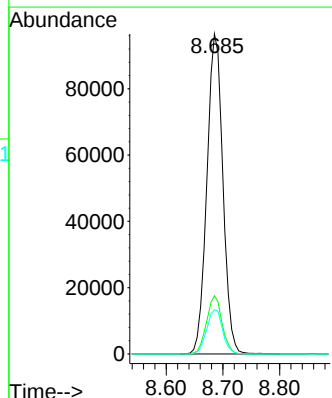
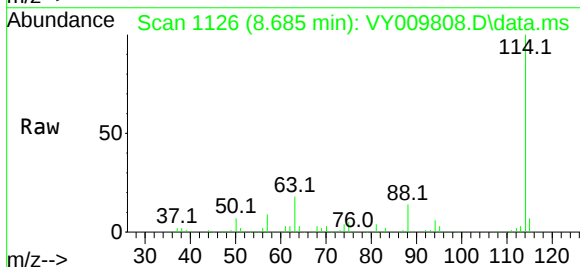
Tgt Ion: 114 Resp: 188964

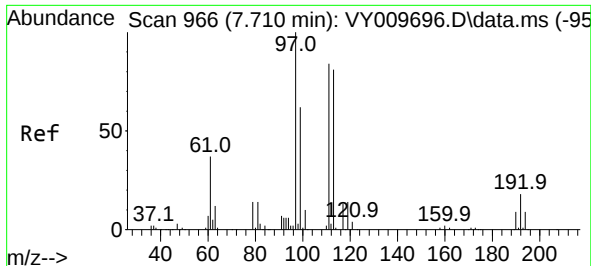
Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 13.8 0.0 31.8

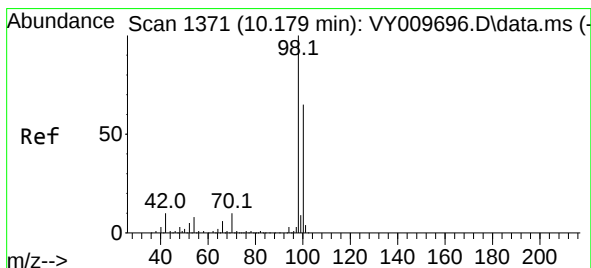
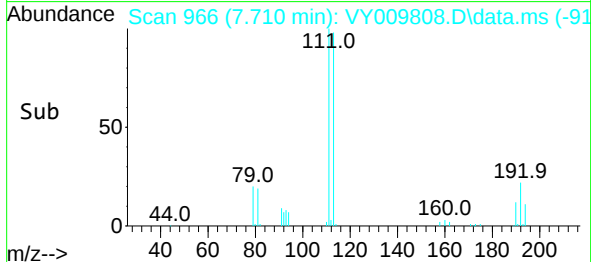
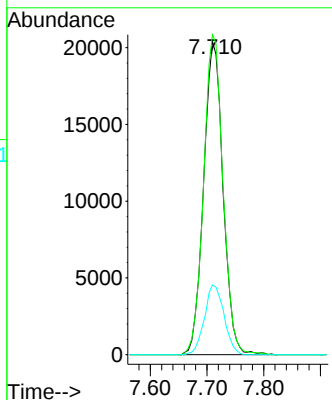
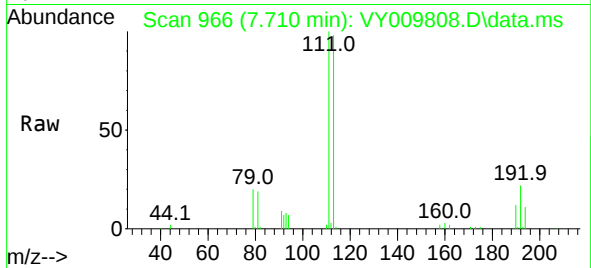




#35
 Dibromofluoromethane
 Concen: 47.087 ug/l
 RT: 7.710 min Scan# 90
 Delta R.T. -0.000 min
 Lab File: VY009808.D
 Acq: 01 Aug 2022 19:46

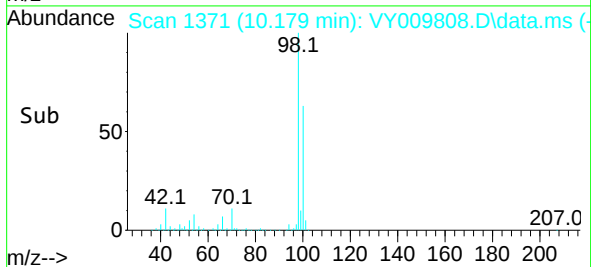
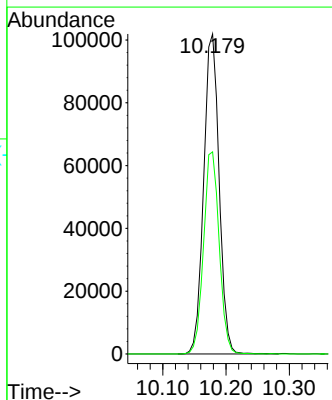
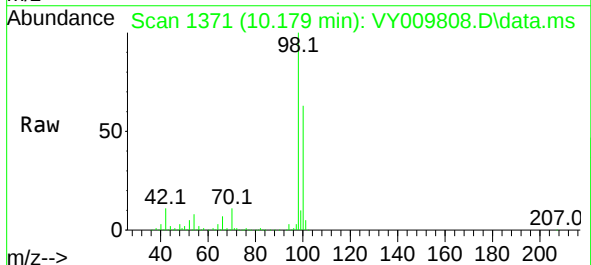
Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-160

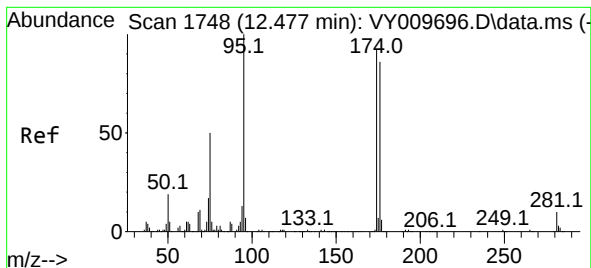
Tgt Ion:113	Resp:	48393	
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.6	124.0
192	22.4	17.6	26.4



#50
 Toluene-d8
 Concen: 58.562 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.000 min
 Lab File: VY009808.D
 Acq: 01 Aug 2022 19:46

Tgt Ion: 98	Resp: 173108
Ion Ratio	Lower Upper
98 100	
100 64.0	50.2 75.2

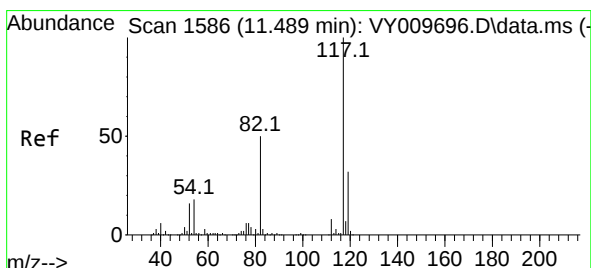
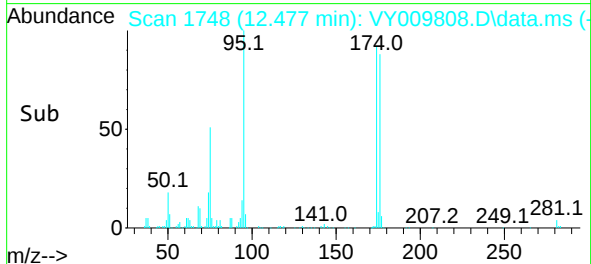
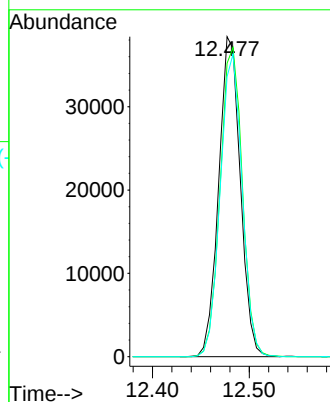
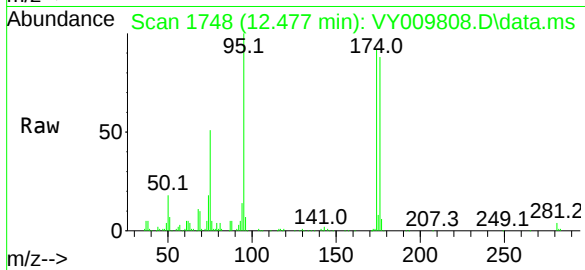




#62
4-Bromofluorobenzene
Concen: 43.695 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009808.D
Acq: 01 Aug 2022 19:46

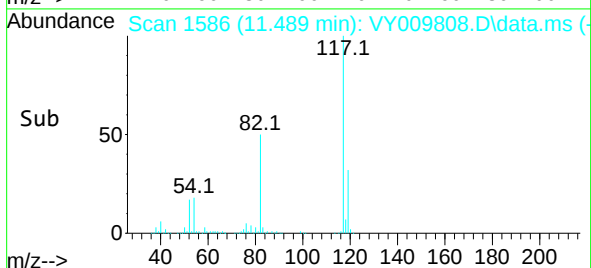
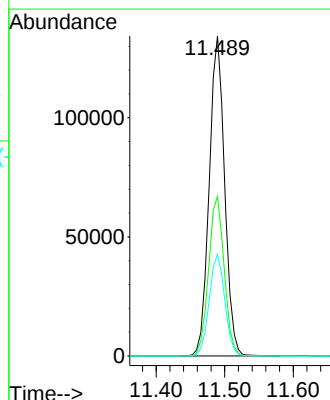
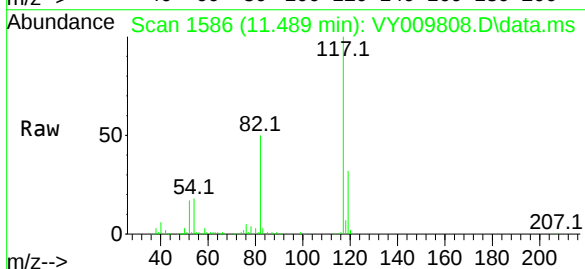
Instrument :
MSVOA_Y
ClientSampleId :
RVE-160

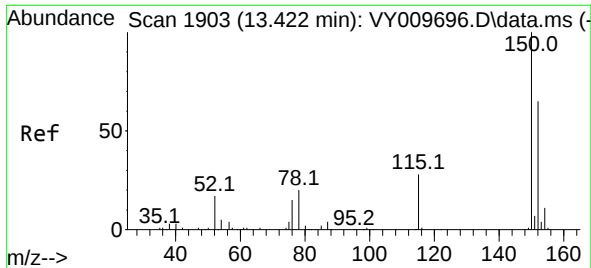
Tgt Ion: 95 Resp: 59545
Ion Ratio Lower Upper
95 100
174 98.9 0.0 177.0
176 95.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009808.D
Acq: 01 Aug 2022 19:46

Tgt Ion: 117 Resp: 210415
Ion Ratio Lower Upper
117 100
82 49.9 43.0 64.4
119 31.7 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009808.D

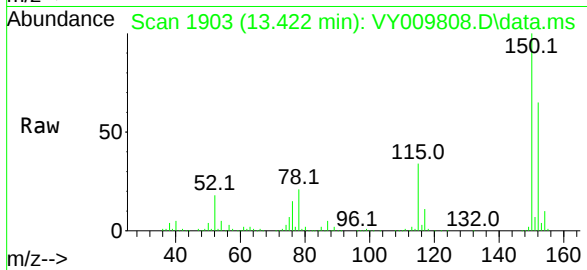
Acq: 01 Aug 2022 19:46

Instrument :

MSVOA_Y

ClientSampleId :

RVE-160



Tgt Ion:152 Resp: 100429

Ion Ratio Lower Upper

152 100

115 52.8 28.2 84.7

150 154.5 0.0 347.6

