

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080122\
 Data File : VY009794.D
 Acq On : 01 Aug 2022 14:18
 Operator : KP/MD
 Sample : N3935-01
 Misc : 2.50g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-132

Quant Time: Aug 02 01:38:57 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)

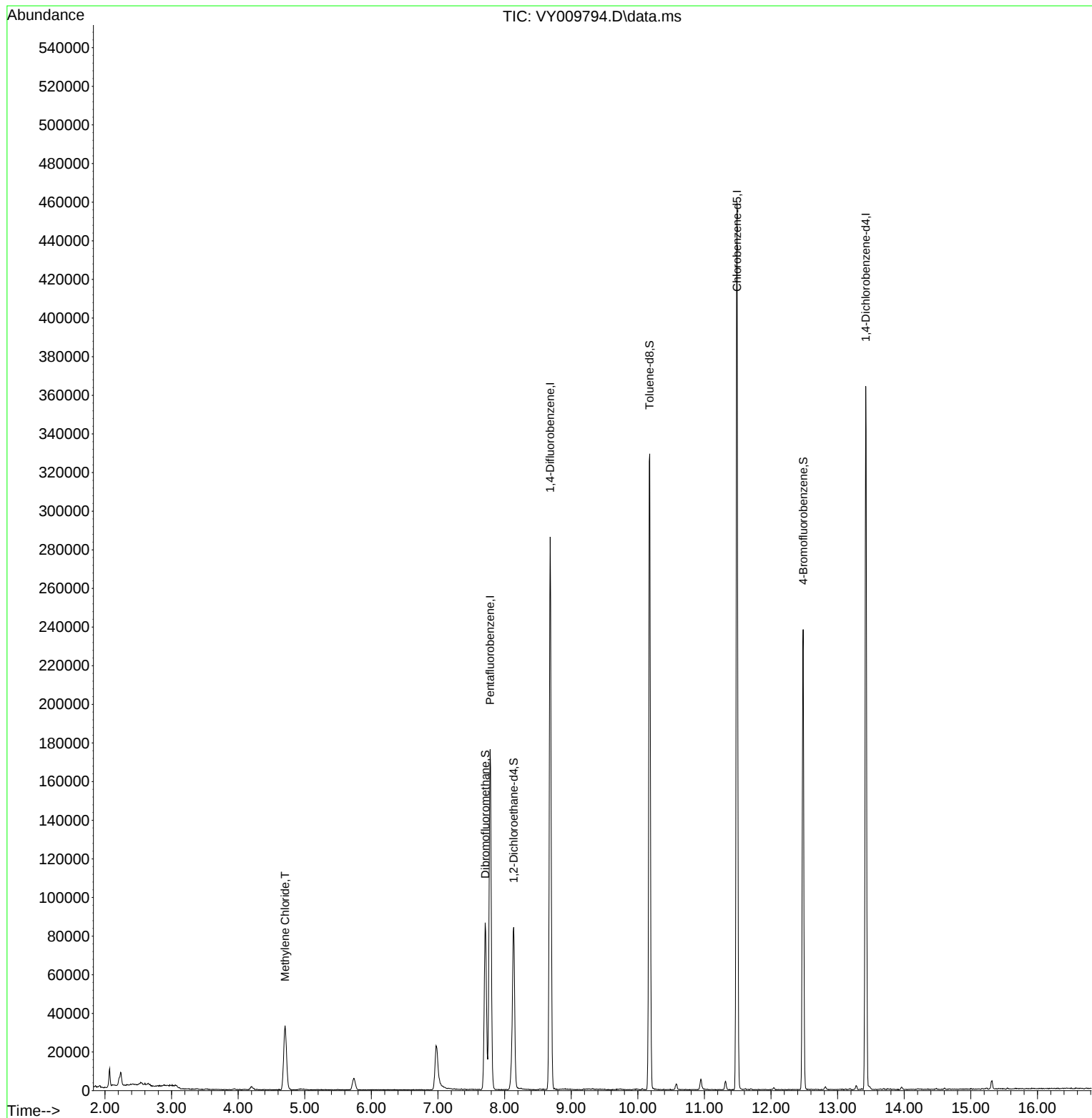
Internal Standards						
1) Pentafluorobenzene	7.783	168	145632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	249229	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	254662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	99779	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	60654	64.021	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.040%
35) Dibromofluoromethane	7.710	113	59994	44.260	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.520%
50) Toluene-d8	10.179	98	220744	56.466	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	112.940%
62) 4-Bromofluorobenzene	12.483	95	66674	37.096	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	74.200%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.704	84	25048	6.575	ug/l #	85

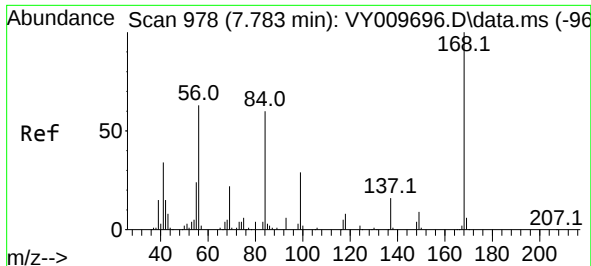
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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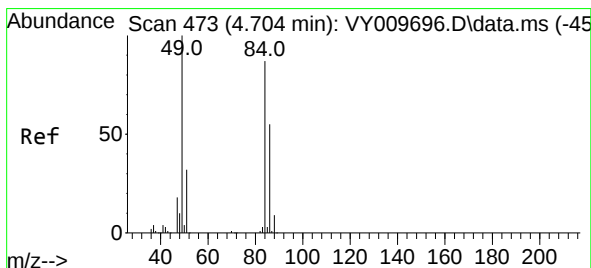
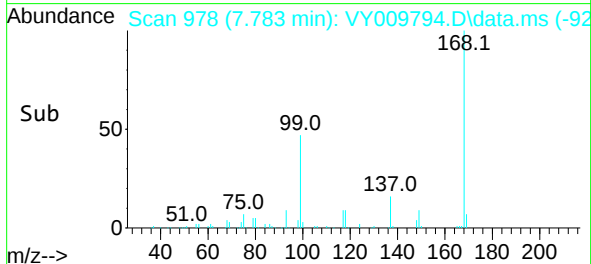
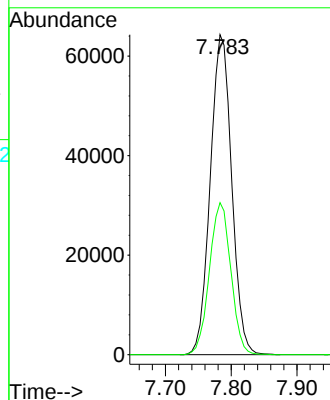
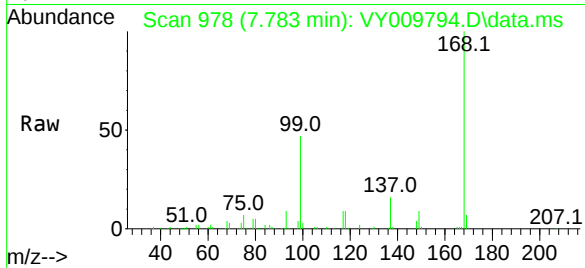




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009794.D
Acq: 01 Aug 2022 14:18

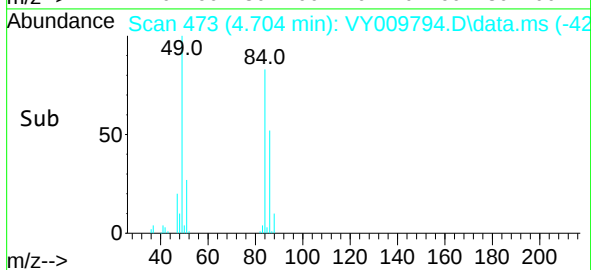
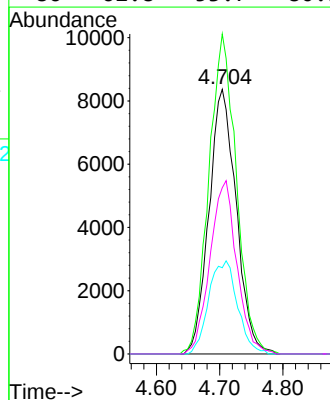
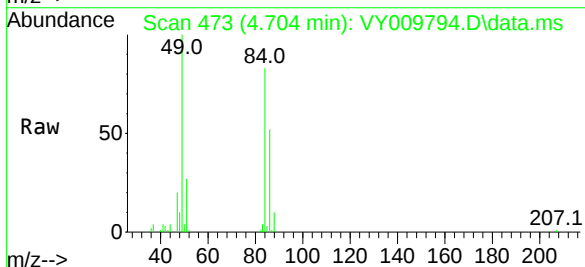
Instrument :
MSVOA_Y
ClientSampleId :
RVE-132

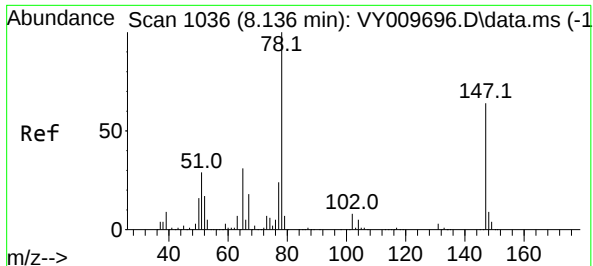
Tgt Ion:168 Resp: 145632
Ion Ratio Lower Upper
168 100
99 47.5 46.9 70.3



#20
Methylene Chloride
Concen: 6.575 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009794.D
Acq: 01 Aug 2022 14:18

Tgt Ion: 84 Resp: 25048
Ion Ratio Lower Upper
84 100
49 120.9 114.4 171.6
51 32.6 35.3 52.9#
86 62.8 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 64.021 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009794.D

Acq: 01 Aug 2022 14:18

Instrument :

MSVOA_Y

ClientSampleId :

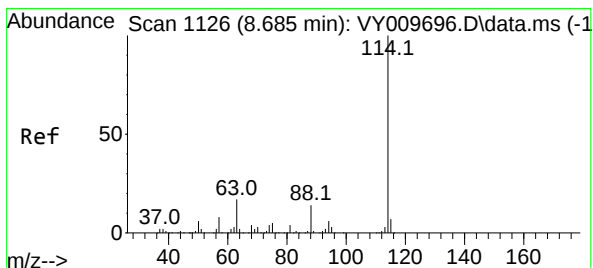
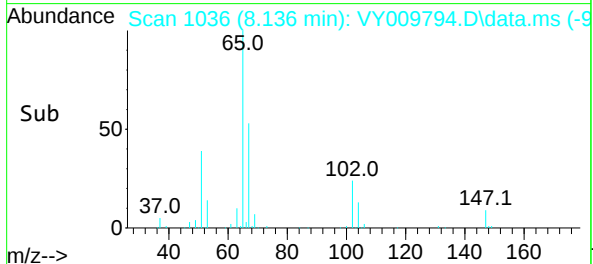
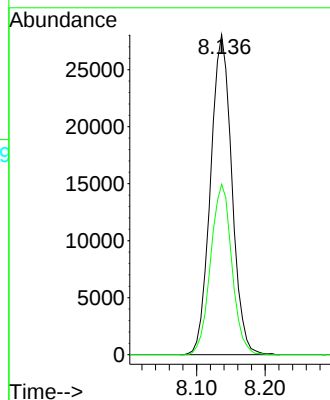
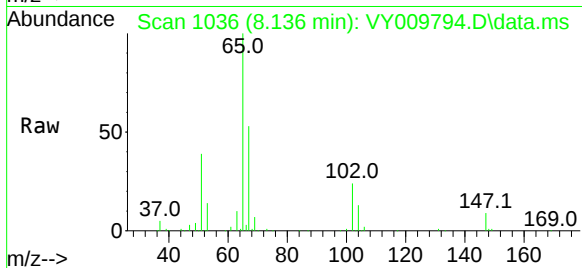
RVE-132

Tgt Ion: 65 Resp: 60654

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: VY009794.D

Acq: 01 Aug 2022 14:18

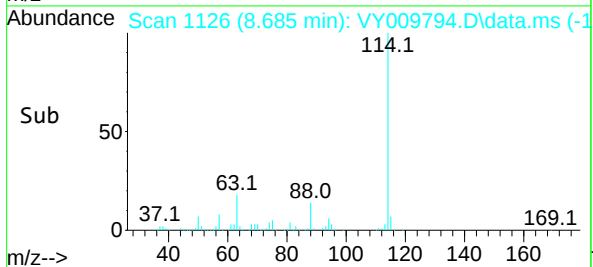
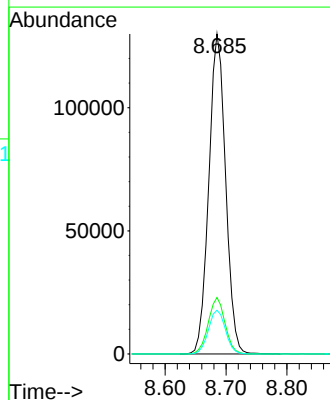
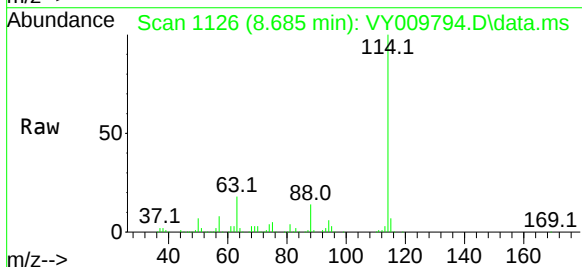
Tgt Ion: 114 Resp: 249229

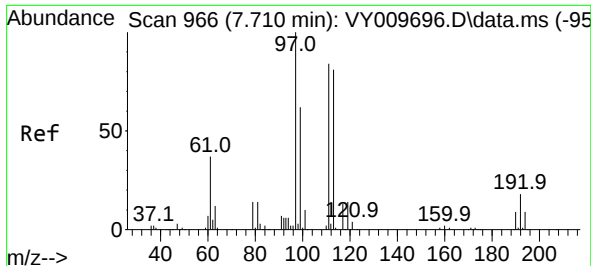
Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 13.7 0.0 31.8

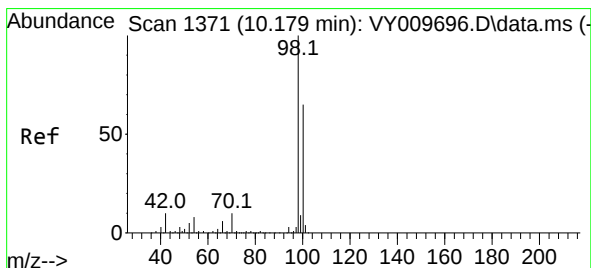
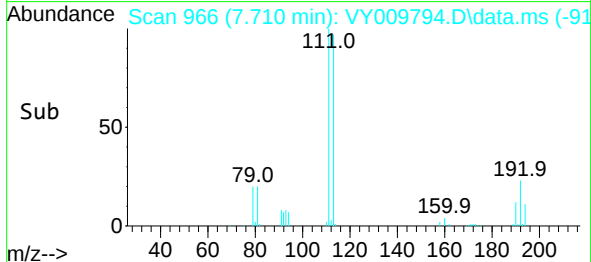
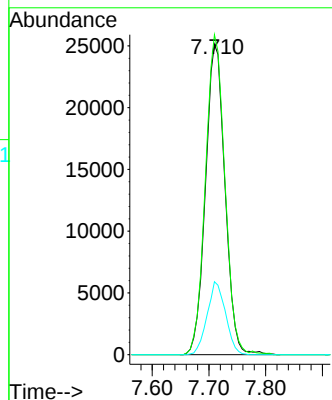
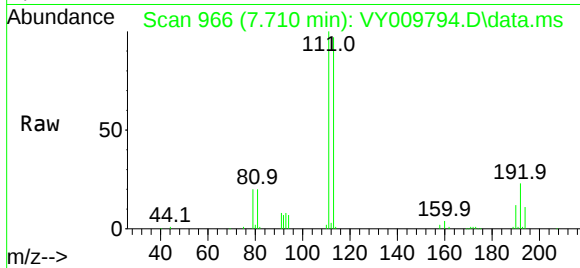




#35
Dibromofluoromethane
Concen: 44.260 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY009794.D
Acq: 01 Aug 2022 14:18

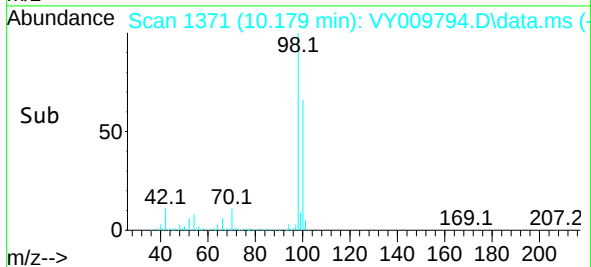
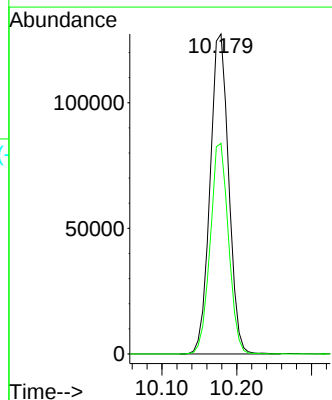
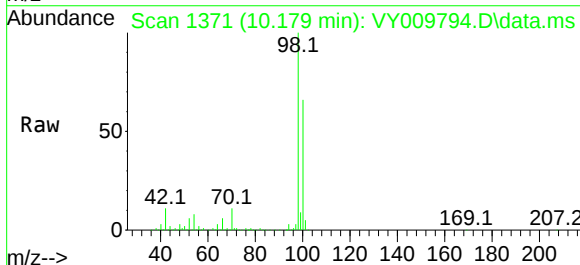
Instrument :
MSVOA_Y
ClientSampleId :
RVE-132

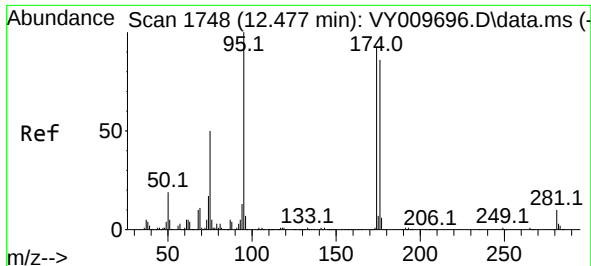
Tgt Ion:113 Resp: 59994
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 22.2 17.6 26.4



#50
Toluene-d8
Concen: 56.466 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009794.D
Acq: 01 Aug 2022 14:18

Tgt Ion: 98 Resp: 220744
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

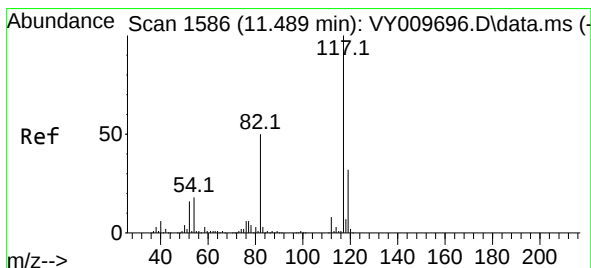
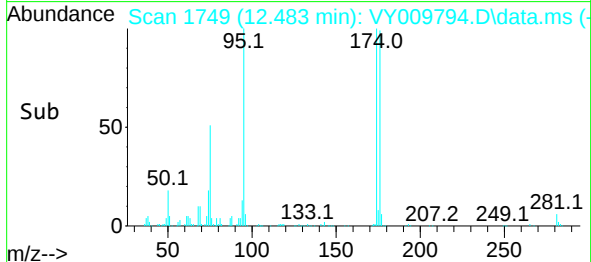
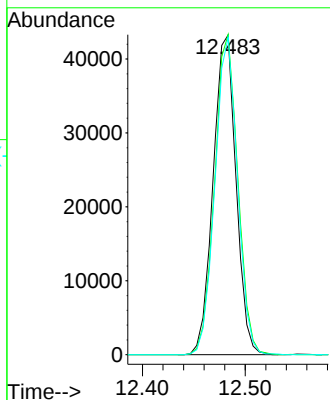
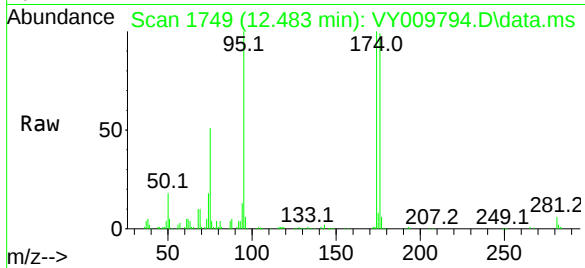




#62
4-Bromofluorobenzene
Concen: 37.096 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009794.D
Acq: 01 Aug 2022 14:18

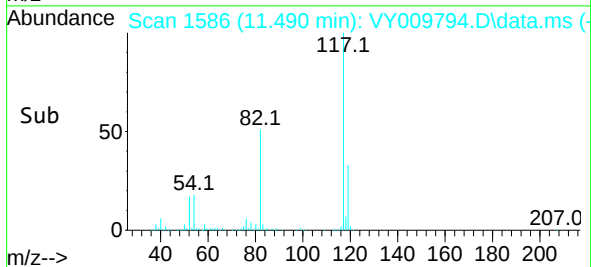
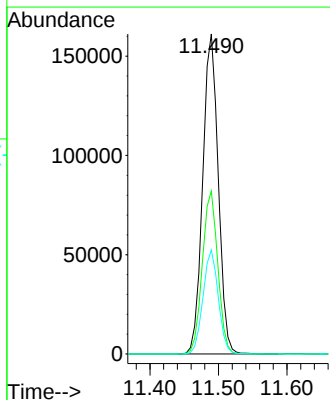
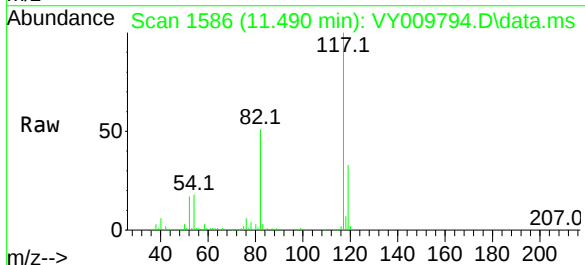
Instrument :
MSVOA_Y
ClientSampleId :
RVE-132

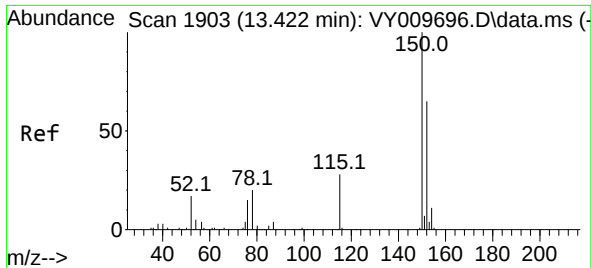
Tgt Ion: 95 Resp: 66674
Ion Ratio Lower Upper
95 100
174 101.3 0.0 177.0
176 97.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY009794.D
Acq: 01 Aug 2022 14:18

Tgt Ion: 117 Resp: 254662
Ion Ratio Lower Upper
117 100
82 50.9 43.0 64.4
119 32.5 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: VY009794.D

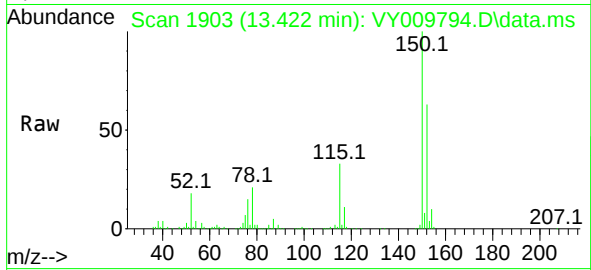
Acq: 01 Aug 2022 14:18

Instrument :

MSVOA_Y

ClientSampleId :

RVE-132



Tgt Ion:152 Resp: 99779

Ion Ratio Lower Upper

152 100

115 52.5 28.2 84.7

150 156.8 0.0 347.6

