

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072722\
 Data File : VY009726.D
 Acq On : 27 Jul 2022 15:52
 Operator : KP/MD
 Sample : N3896-07
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-64

Quant Time: Jul 28 02:46:00 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)

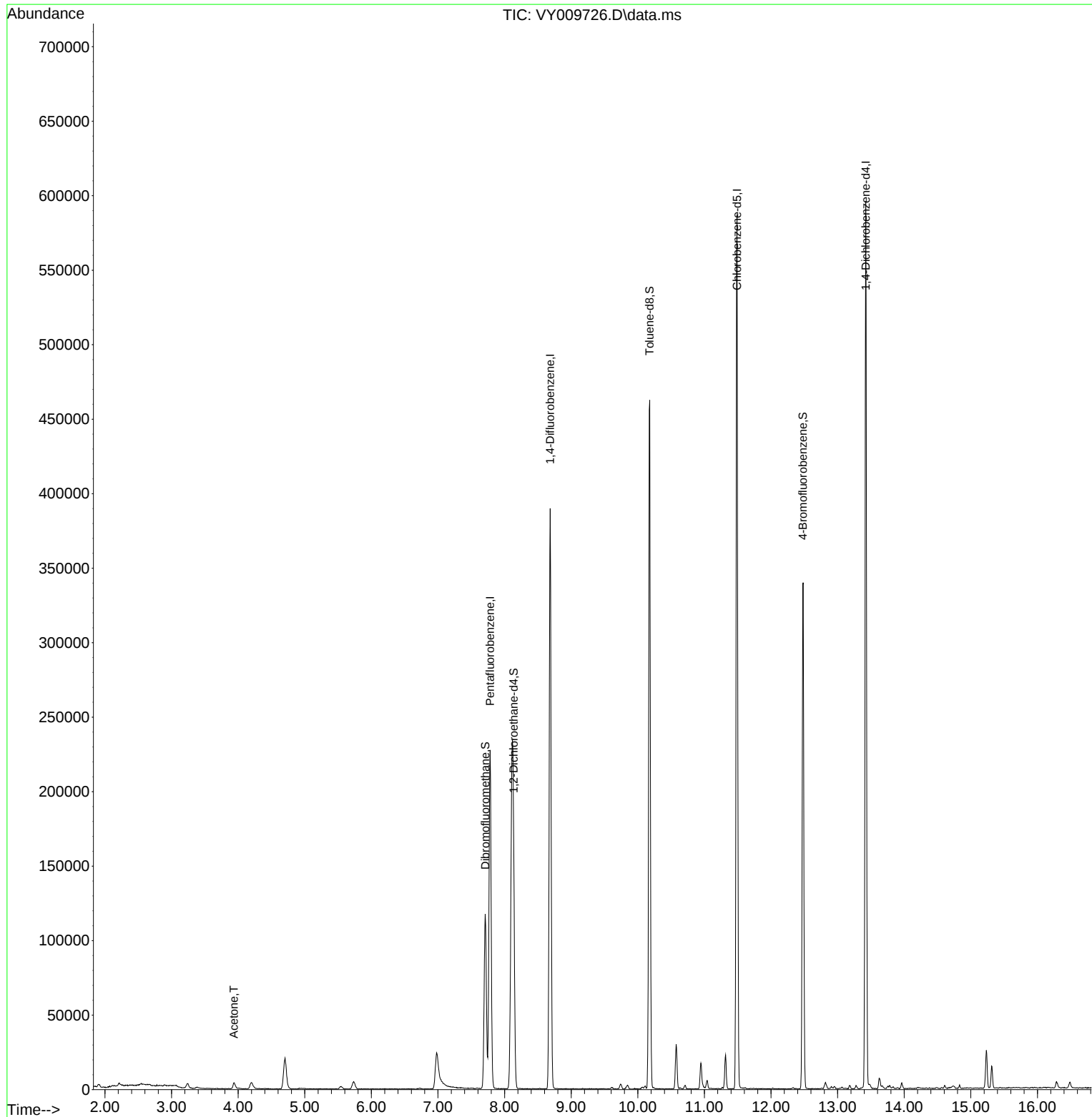
Internal Standards						
1) Pentafluorobenzene	7.783	168	189610	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	346865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	332479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	158408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	83524	68.044	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.080%
35) Dibromofluoromethane	7.710	113	82851	43.918	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.840%
50) Toluene-d8	10.179	98	304938	56.012	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	112.020%
62) 4-Bromofluorobenzene	12.477	95	99438	39.752	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	79.500%
Target Compounds						
16) Acetone	3.936	43	7049	15.549	ug/l	Qvalue 90

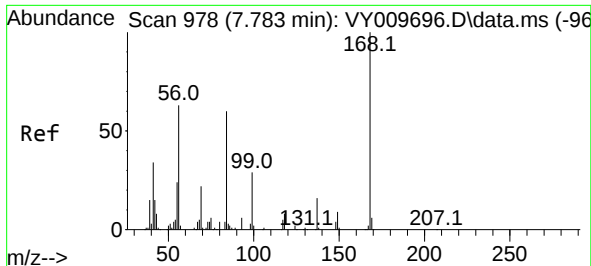
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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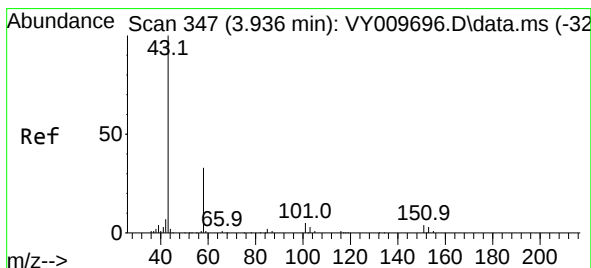
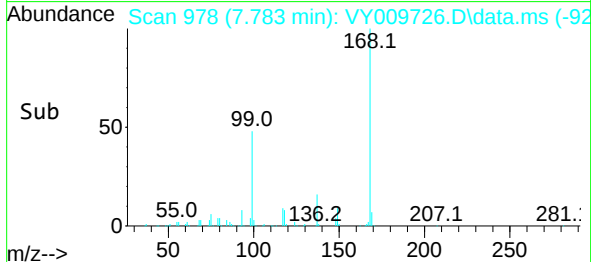
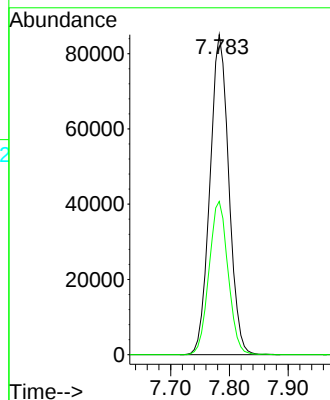
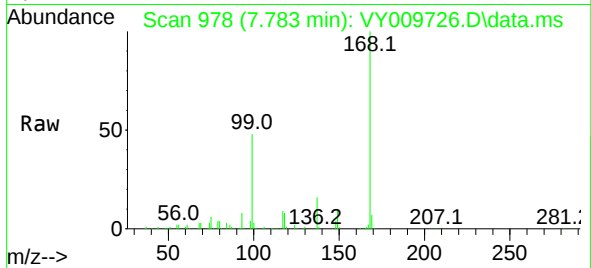




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009726.D
Acq: 27 Jul 2022 15:52

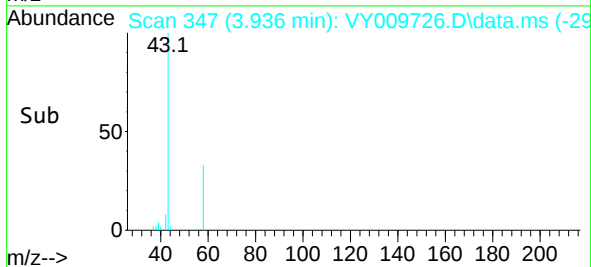
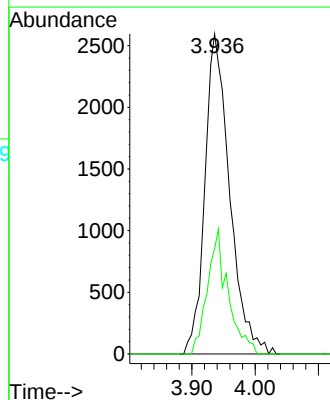
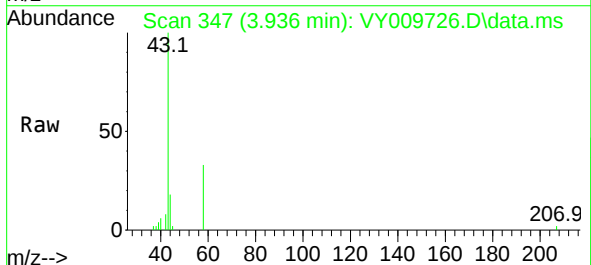
Instrument :
MSVOA_Y
ClientSampleId :
RVE-64

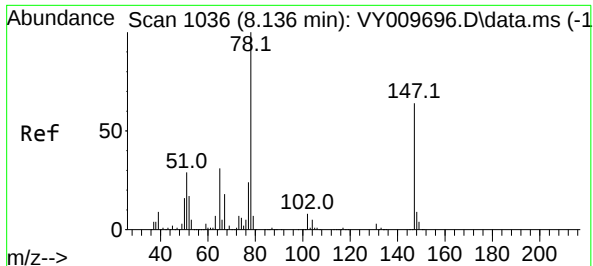
Tgt Ion:168 Resp: 189610
Ion Ratio Lower Upper
168 100
99 47.9 46.9 70.3



#16
Acetone
Concen: 15.549 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009726.D
Acq: 27 Jul 2022 15:52

Tgt Ion: 43 Resp: 7049
Ion Ratio Lower Upper
43 100
58 32.9 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 68.044 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009726.D

Acq: 27 Jul 2022 15:52

Instrument :

MSVOA_Y

ClientSampleId :

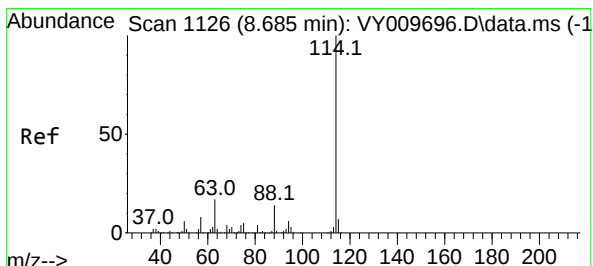
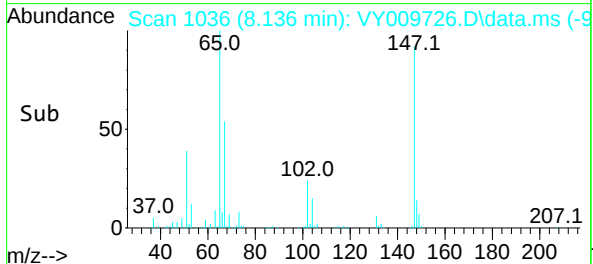
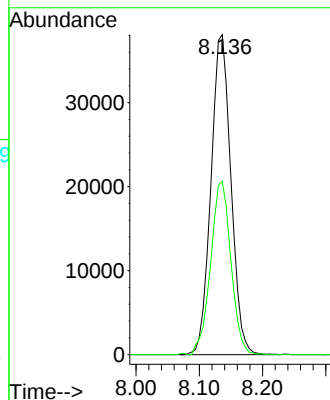
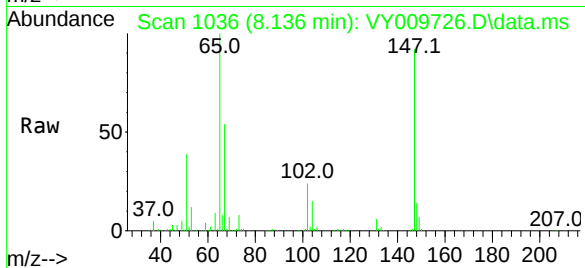
RVE-64

Tgt Ion: 65 Resp: 83524

Ion Ratio Lower Upper

65 100

67 55.1 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: VY009726.D

Acq: 27 Jul 2022 15:52

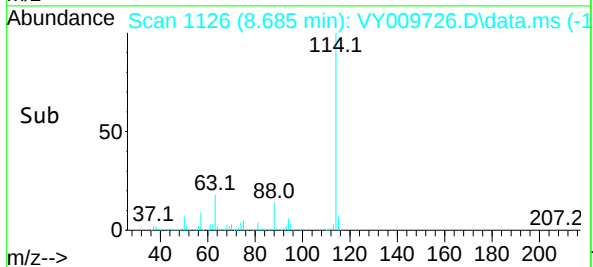
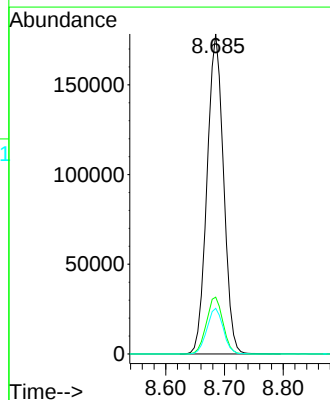
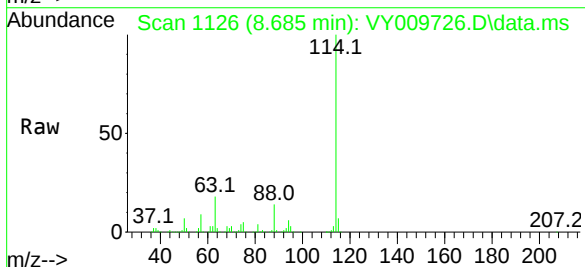
Tgt Ion:114 Resp: 346865

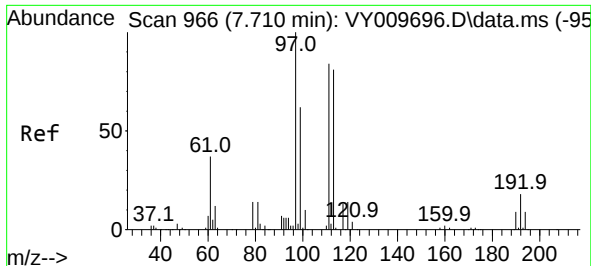
Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

88 14.3 0.0 31.8

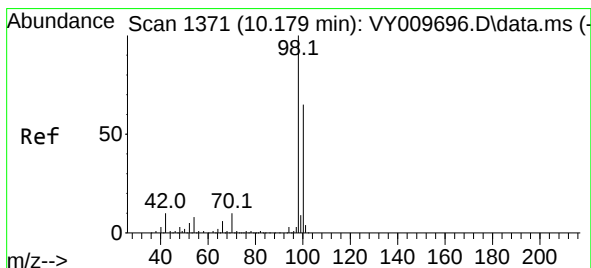
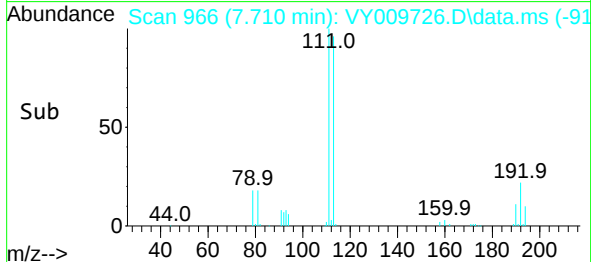
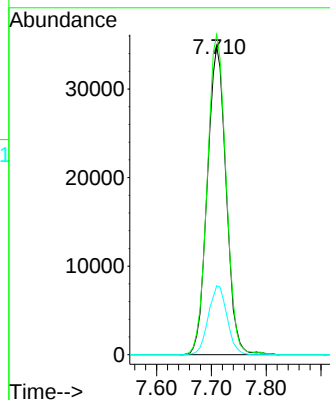
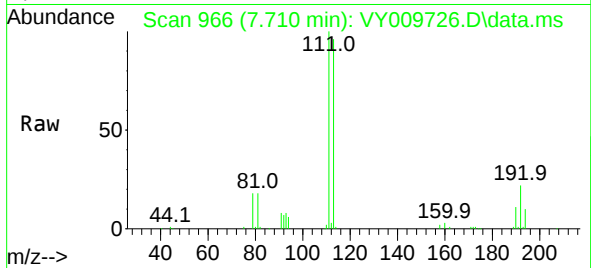




#35
Dibromofluoromethane
Concen: 43.918 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY009726.D
Acq: 27 Jul 2022 15:52

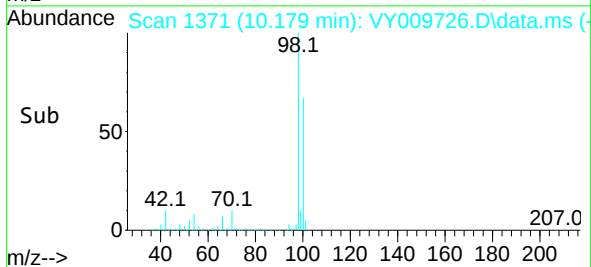
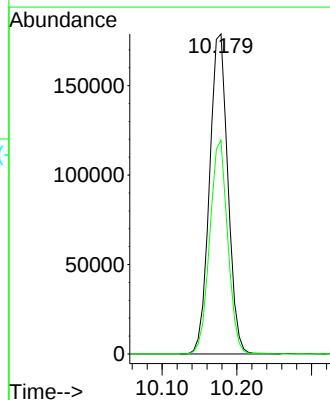
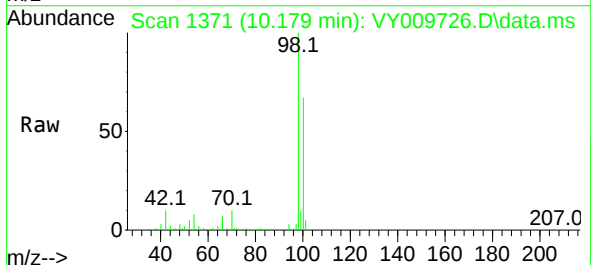
Instrument :
MSVOA_Y
ClientSampleId :
RVE-64

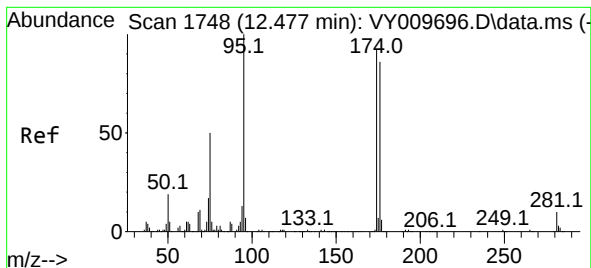
Tgt Ion:113 Resp: 82851
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 22.1 17.6 26.4



#50
Toluene-d8
Concen: 56.012 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009726.D
Acq: 27 Jul 2022 15:52

Tgt Ion: 98 Resp: 304938
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2

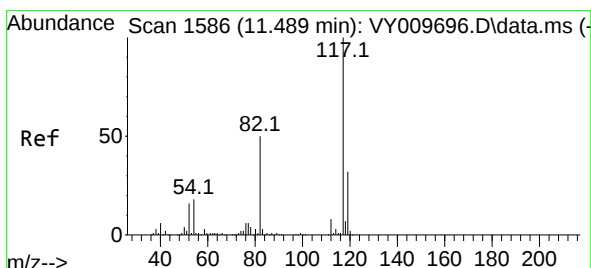
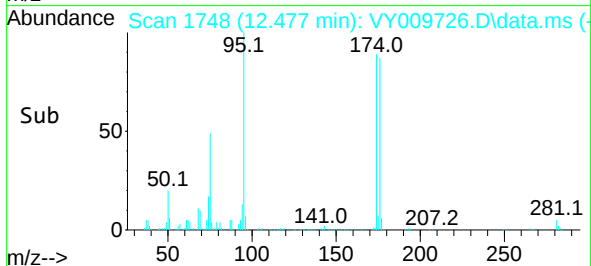
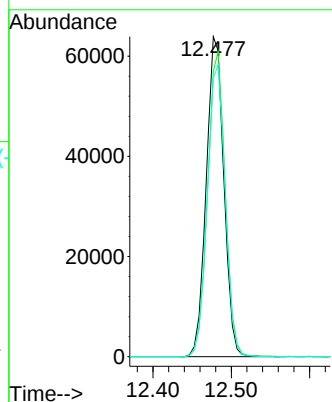
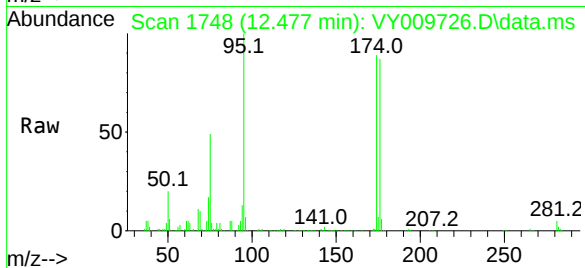




#62
4-Bromofluorobenzene
Concen: 39.752 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009726.D
Acq: 27 Jul 2022 15:52

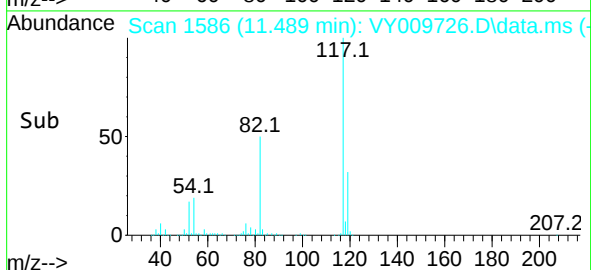
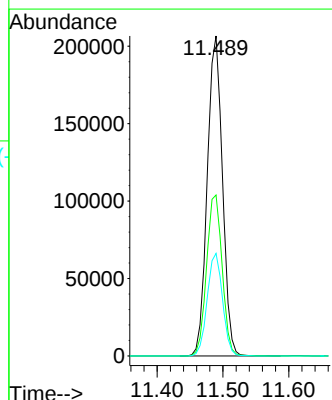
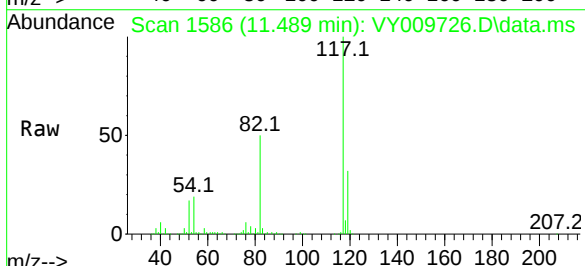
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RVE-64

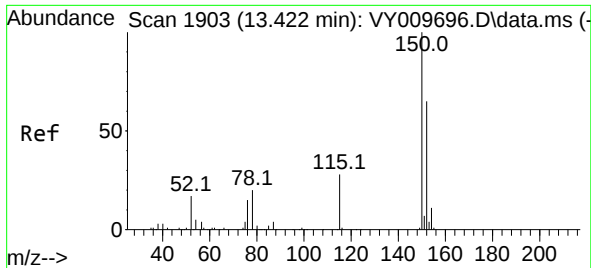
Tgt Ion: 95 Resp: 99438
Ion Ratio Lower Upper
95 100
174 95.5 0.0 177.0
176 92.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009726.D
Acq: 27 Jul 2022 15:52

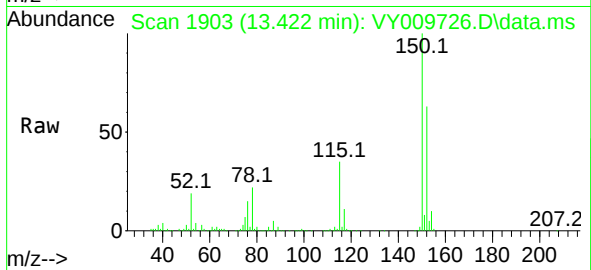
Tgt Ion: 117 Resp: 332479
Ion Ratio Lower Upper
117 100
82 50.3 43.0 64.4
119 32.1 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY009726.D
 Acq: 27 Jul 2022 15:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-64



Tgt Ion:152 Resp: 158408
 Ion Ratio Lower Upper
 152 100
 115 54.8 28.2 84.7
 150 155.7 0.0 347.6

