

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072722\
 Data File : VY009727.D
 Acq On : 27 Jul 2022 16:15
 Operator : KP/MD
 Sample : N3896-11
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-68

Quant Time: Jul 28 02:46:08 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)

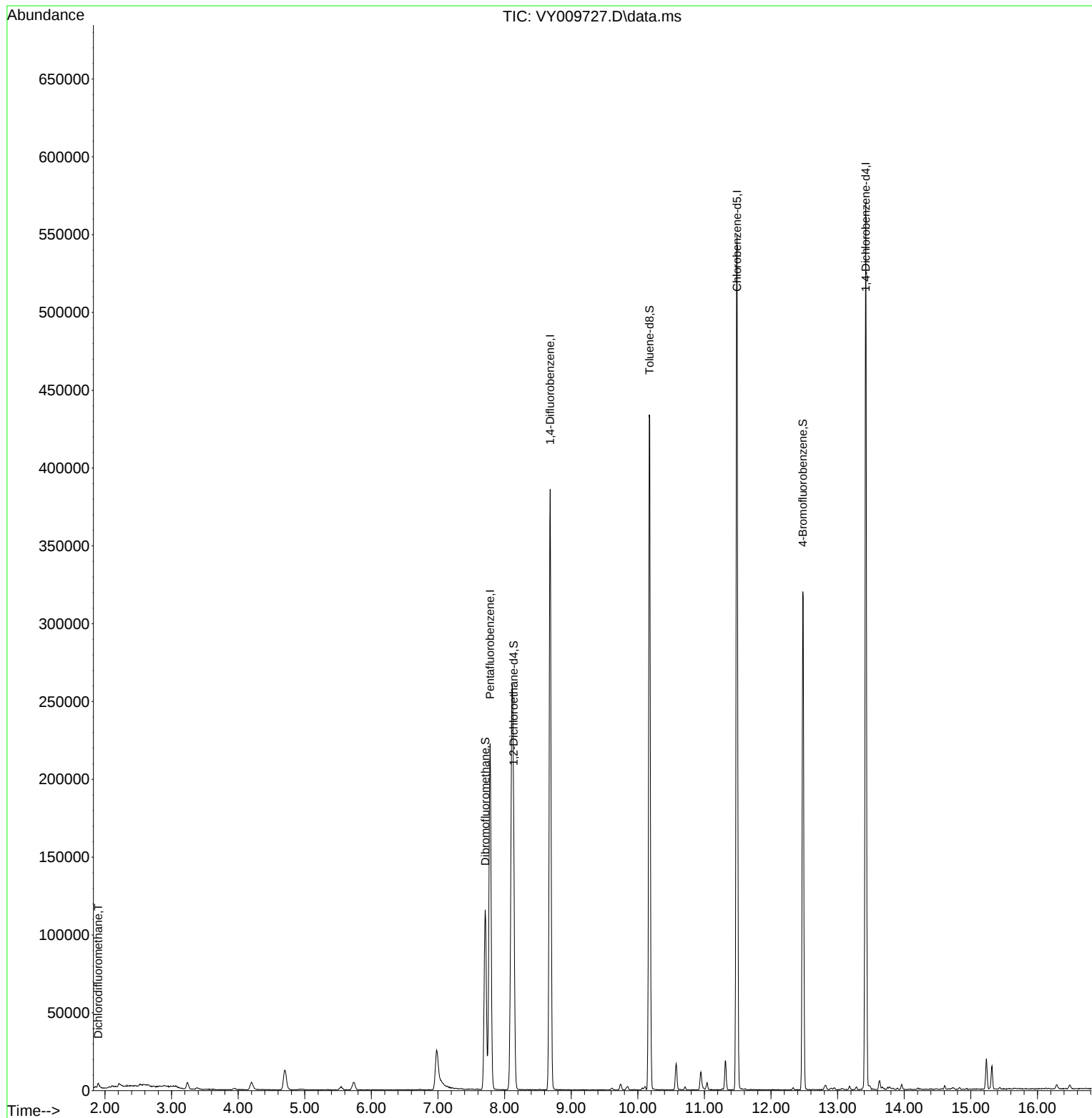
Internal Standards						
1) Pentafluorobenzene	7.783	168	185675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	339283	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	318223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	146871	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	85040	70.976	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	141.960%
35) Dibromofluoromethane	7.710	113	83121	45.045	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.100%
50) Toluene-d8	10.179	98	295638	55.476	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	110.960%
62) 4-Bromofluorobenzene	12.477	95	92084	37.635	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	75.260%
Target Compounds						
2) Dichlorodifluoromethane	1.900	85	2416	1.462	ug/l	99

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

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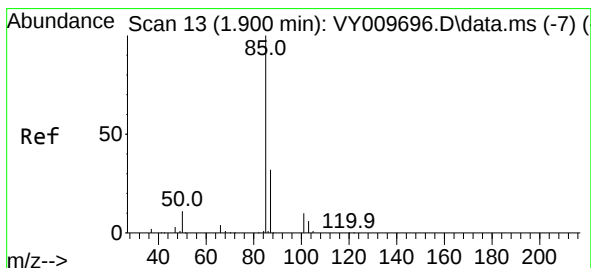
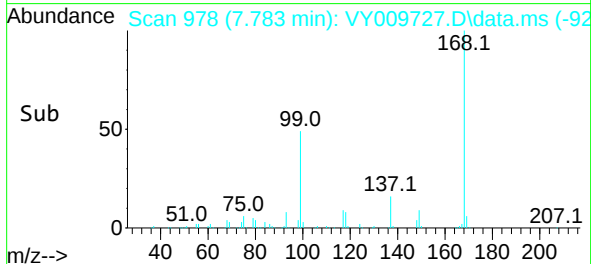
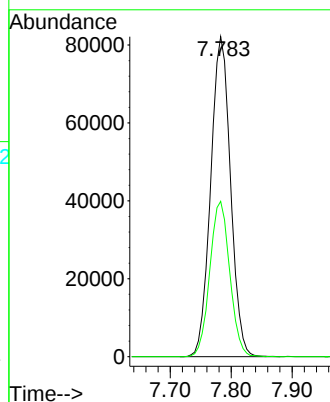
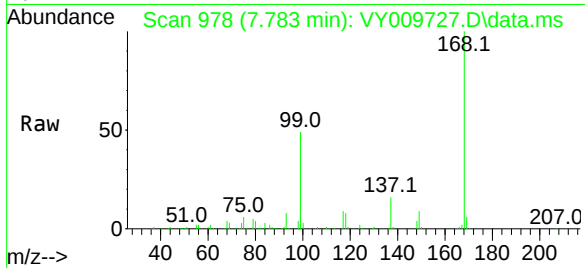




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009727.D
Acq: 27 Jul 2022 16:15

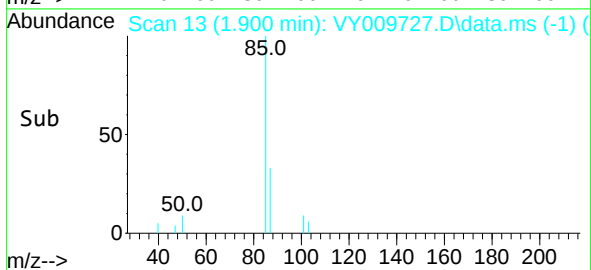
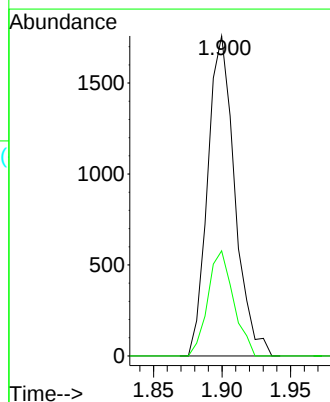
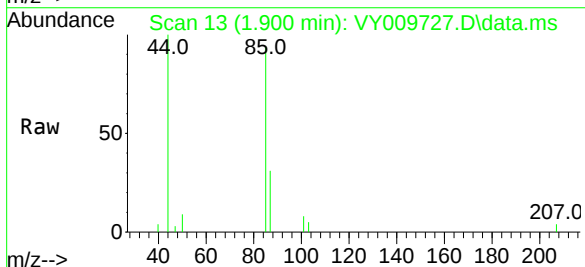
Instrument :
MSVOA_Y
ClientSampleId :
RVE-68

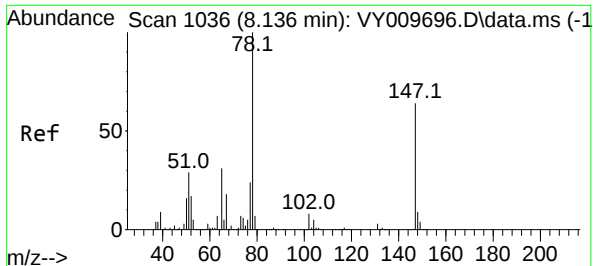
Tgt Ion:168 Resp: 185675
Ion Ratio Lower Upper
168 100
99 48.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.462 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009727.D
Acq: 27 Jul 2022 16:15

Tgt Ion: 85 Resp: 2416
Ion Ratio Lower Upper
85 100
87 32.9 16.1 48.2





#33

1,2-Dichloroethane-d4

Concen: 70.976 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009727.D

Acq: 27 Jul 2022 16:15

Instrument :

MSVOA_Y

ClientSampleId :

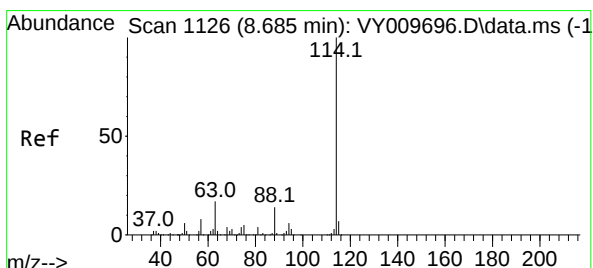
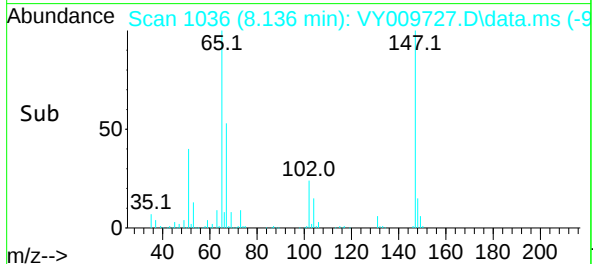
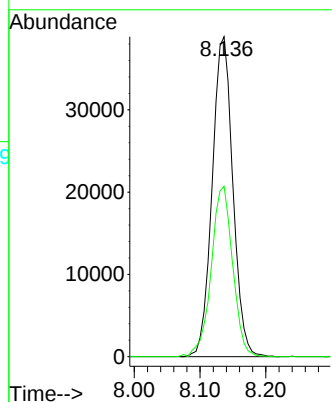
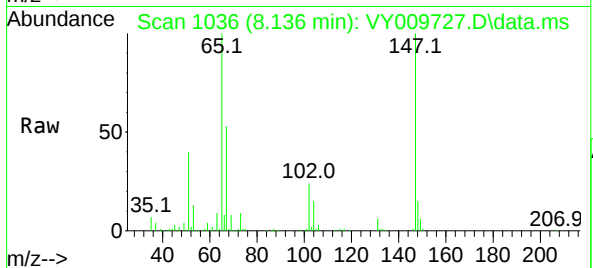
RVE-68

Tgt Ion: 65 Resp: 85040

Ion Ratio Lower Upper

65 100

67 55.3 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: VY009727.D

Acq: 27 Jul 2022 16:15

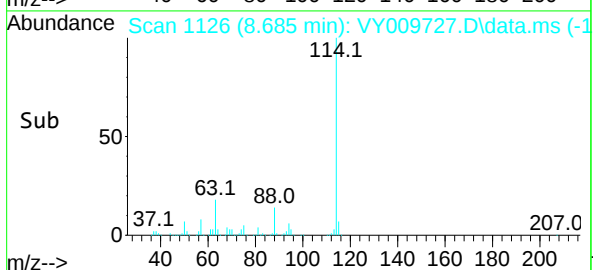
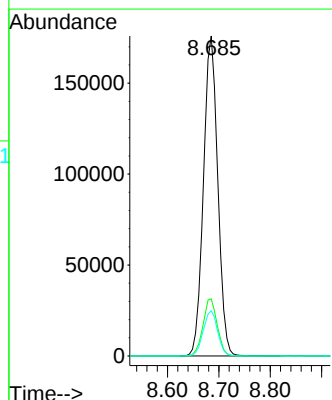
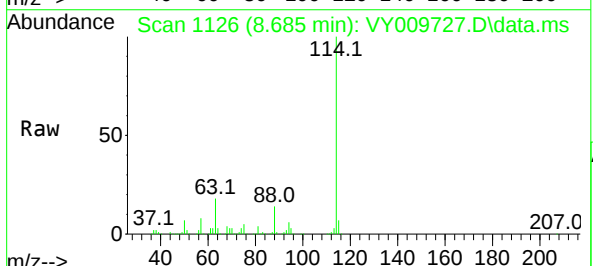
Tgt Ion: 114 Resp: 339283

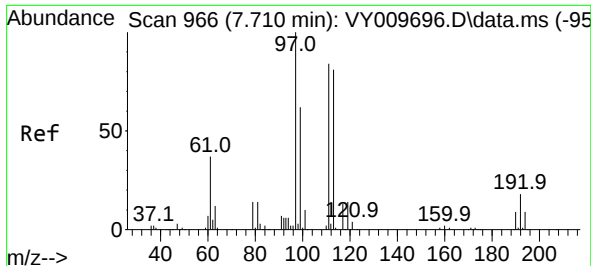
Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 14.1 0.0 31.8

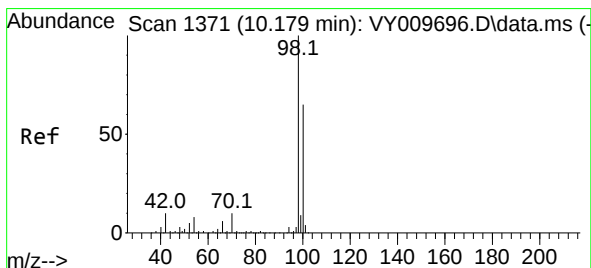
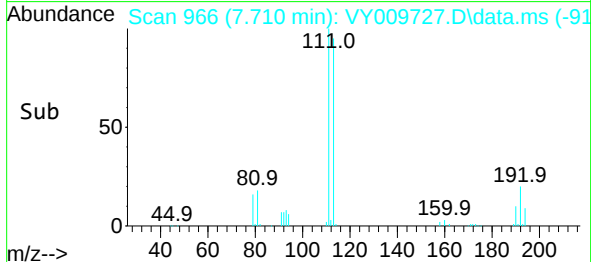
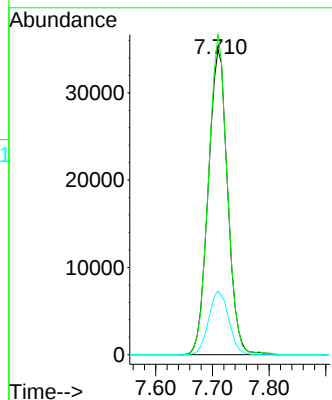
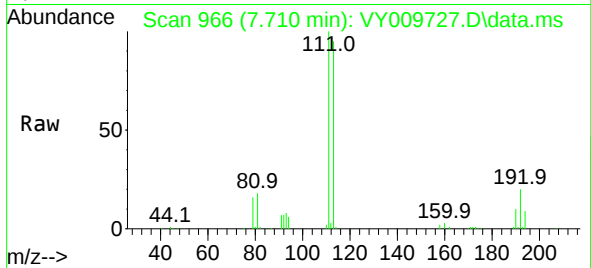




#35
Dibromofluoromethane
Concen: 45.045 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY009727.D
Acq: 27 Jul 2022 16:15

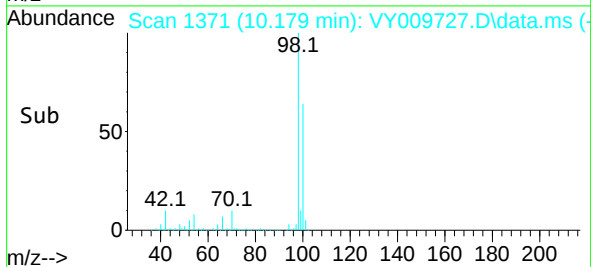
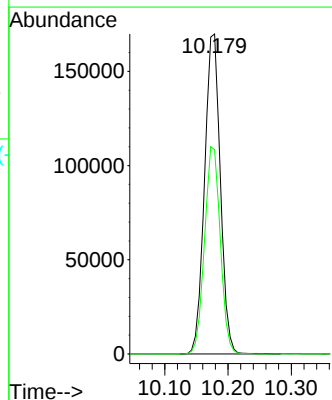
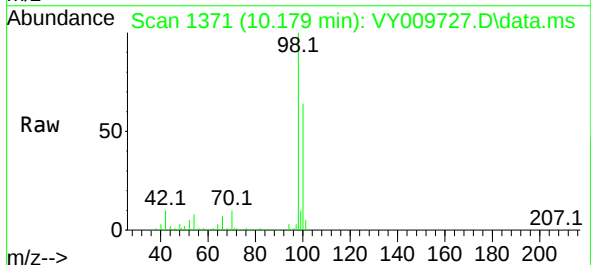
Instrument :
MSVOA_Y
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RVE-68

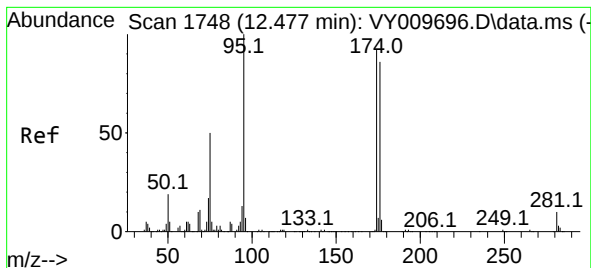
Tgt Ion:113 Resp: 83121
Ion Ratio Lower Upper
113 100
111 101.6 82.6 124.0
192 21.5 17.6 26.4



#50
Toluene-d8
Concen: 55.476 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009727.D
Acq: 27 Jul 2022 16:15

Tgt Ion: 98 Resp: 295638
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

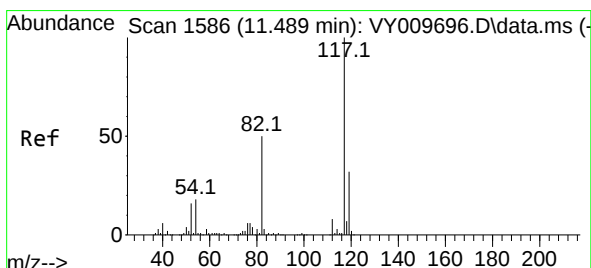
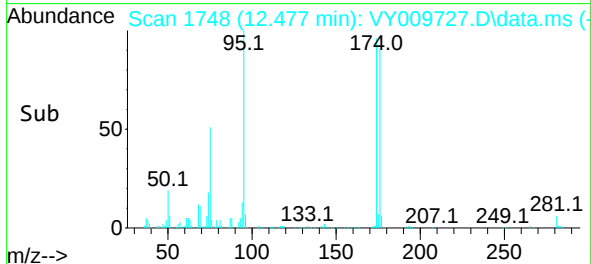
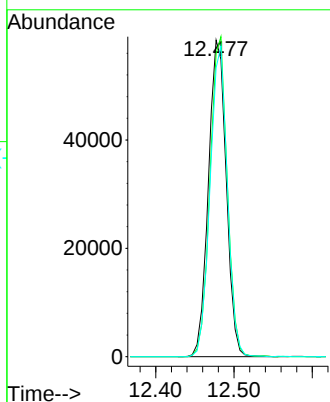
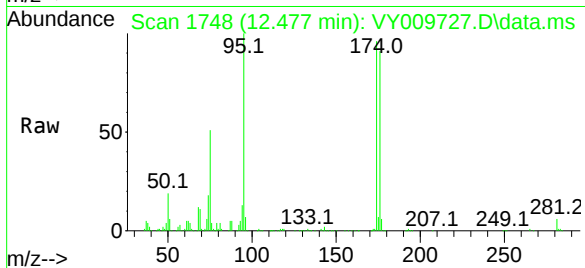




#62
4-Bromofluorobenzene
Concen: 37.635 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009727.D
Acq: 27 Jul 2022 16:15

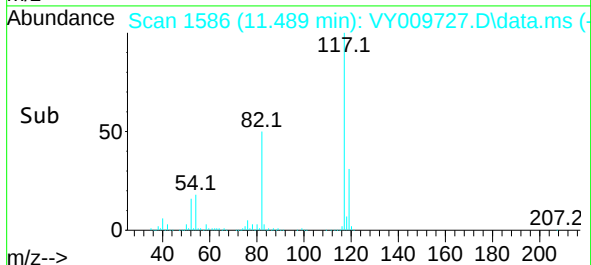
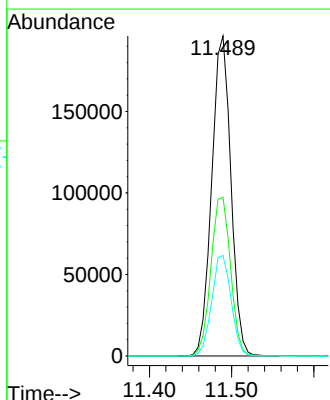
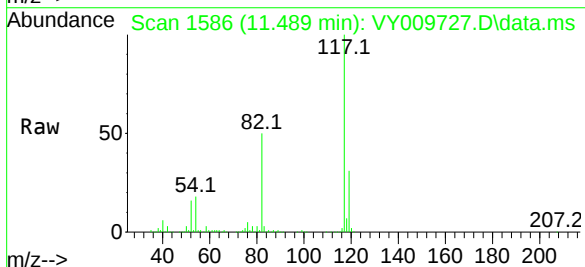
Instrument :
MSVOA_Y
ClientSampleId :
RVE-68

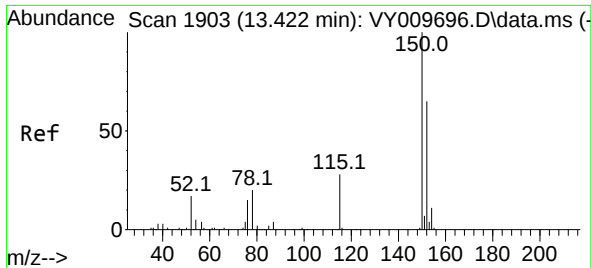
Tgt Ion: 95 Resp: 92084
Ion Ratio Lower Upper
95 100
174 98.2 0.0 177.0
176 95.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009727.D
Acq: 27 Jul 2022 16:15

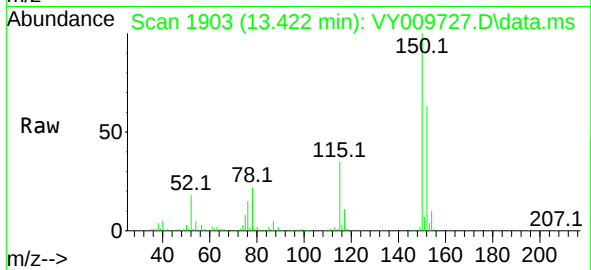
Tgt Ion: 117 Resp: 318223
Ion Ratio Lower Upper
117 100
82 49.6 43.0 64.4
119 31.4 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009727.D
 Acq: 27 Jul 2022 16:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-68



Tgt Ion:152 Resp: 146871
 Ion Ratio Lower Upper
 152 100
 115 54.9 28.2 84.7
 150 157.9 0.0 347.6

