

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072822\
 Data File : VY009757.D
 Acq On : 28 Jul 2022 17:35
 Operator : KP/MD
 Sample : N3895-18
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-56

Quant Time: Jul 29 02:57:43 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)

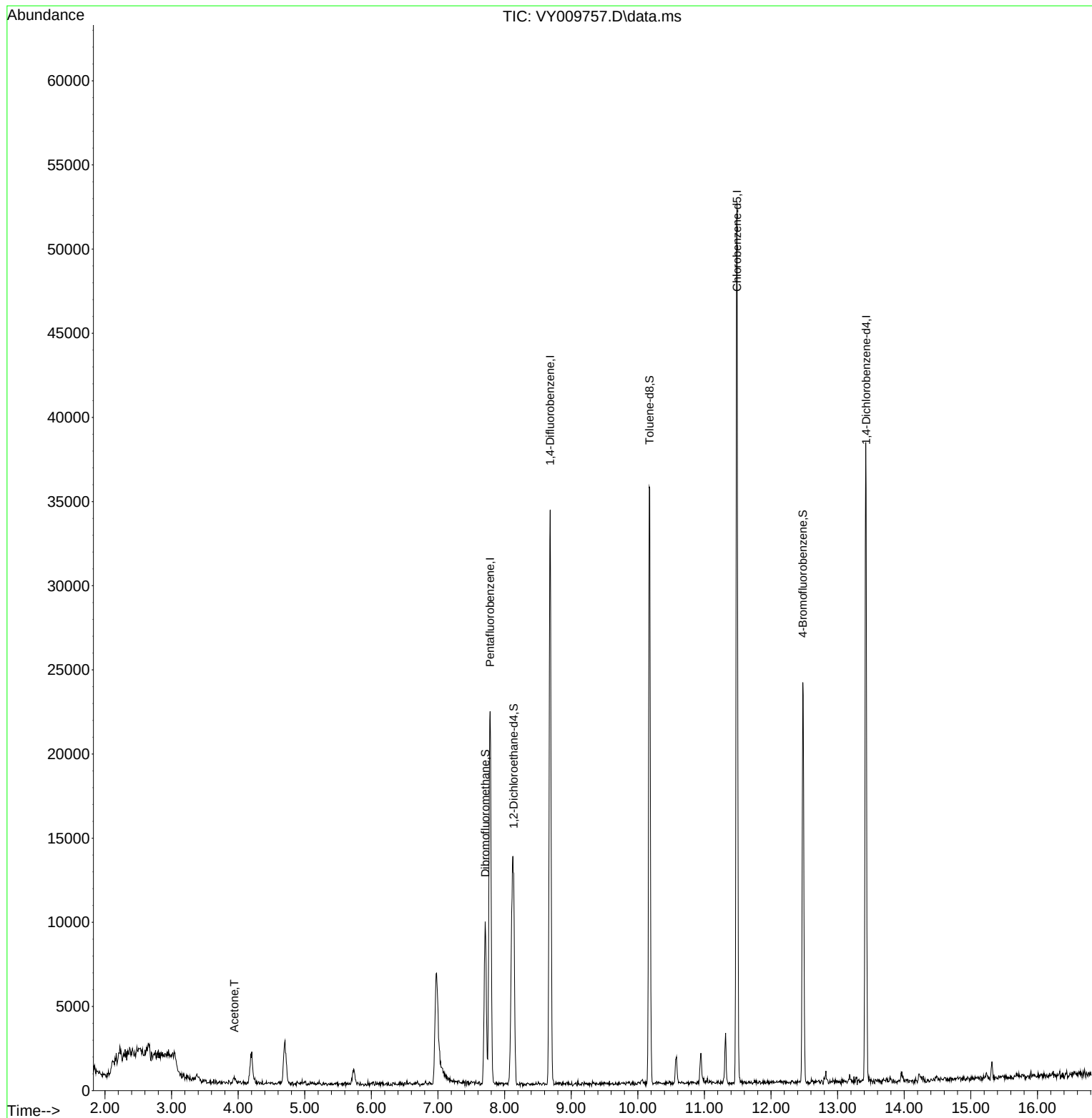
Internal Standards						
1) Pentafluorobenzene	7.783	168	19128	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	29925	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	30380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	10563	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	7389	58.962	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.920%
35) Dibromofluoromethane	7.710	113	6901	42.401	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.800%
50) Toluene-d8	10.179	98	24757	52.437	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	104.880%
62) 4-Bromofluorobenzene	12.477	95	6503	30.133	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	60.260%
Target Compounds						
						Qvalue
16) Acetone	3.942	43	666	14.562	ug/l	# 84

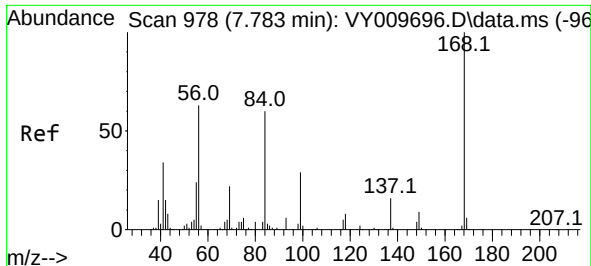
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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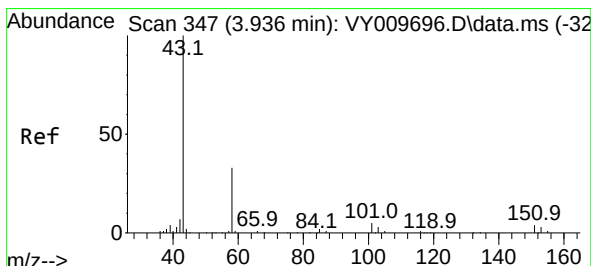
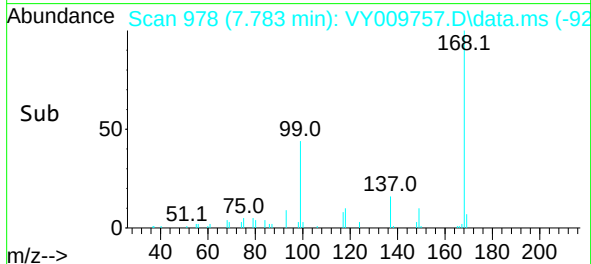
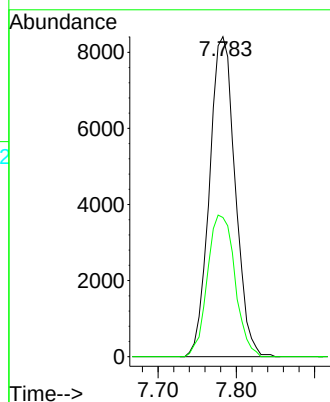
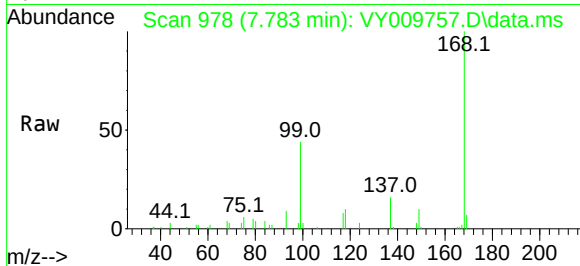




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009757.D
Acq: 28 Jul 2022 17:35

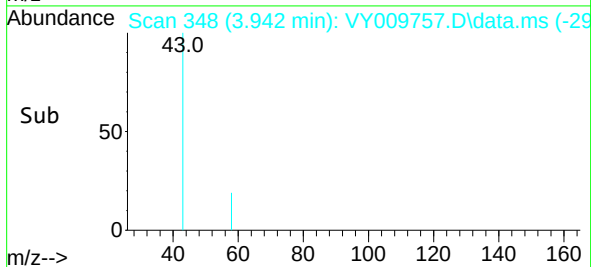
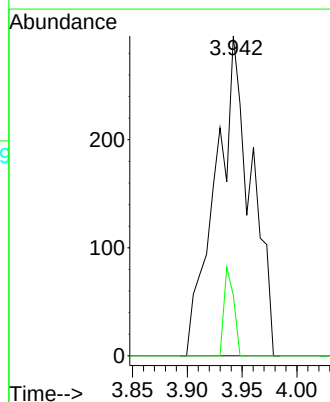
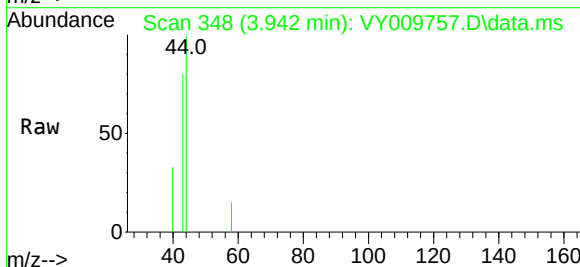
Instrument :
MSVOA_Y
ClientSampleId :
RVE-56

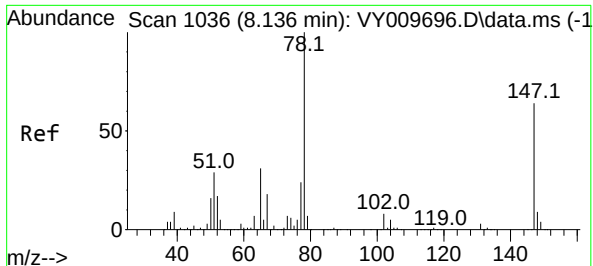
Tgt Ion:168 Resp: 19128
Ion Ratio Lower Upper
168 100
99 43.5 46.9 70.3#



#16
Acetone
Concen: 14.562 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009757.D
Acq: 28 Jul 2022 17:35

Tgt Ion: 43 Resp: 666
Ion Ratio Lower Upper
43 100
58 18.9 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 58.962 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009757.D

Acq: 28 Jul 2022 17:35

Instrument :

MSVOA_Y

ClientSampleId :

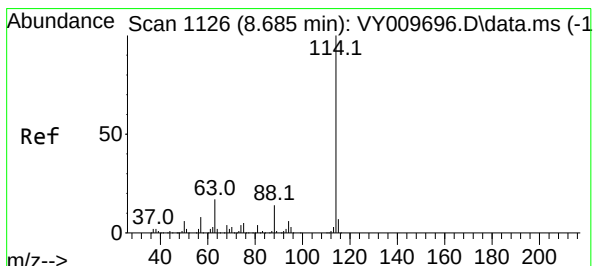
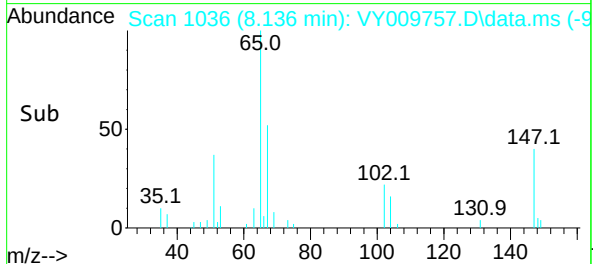
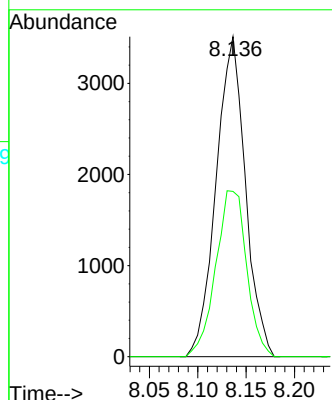
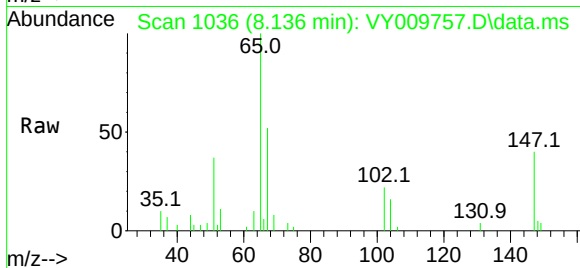
RVE-56

Tgt Ion: 65 Resp: 7389

Ion Ratio Lower Upper

65 100

67 54.8 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: VY009757.D

Acq: 28 Jul 2022 17:35

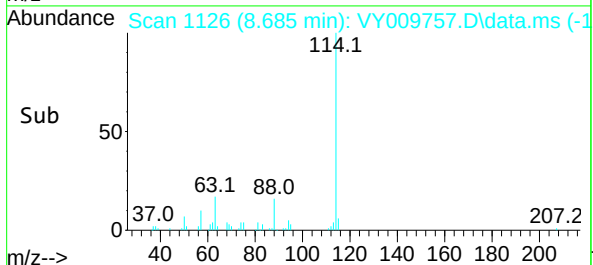
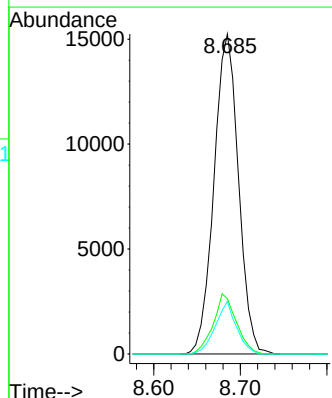
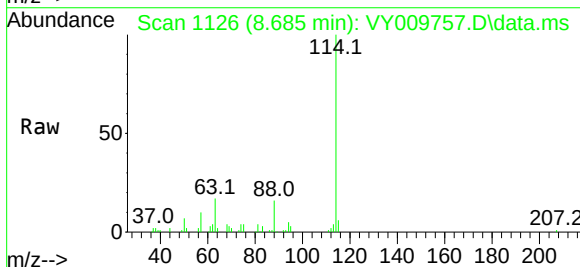
Tgt Ion: 114 Resp: 29925

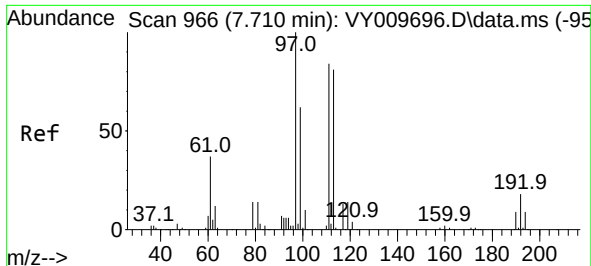
Ion Ratio Lower Upper

114 100

63 17.3 0.0 43.2

88 16.4 0.0 31.8

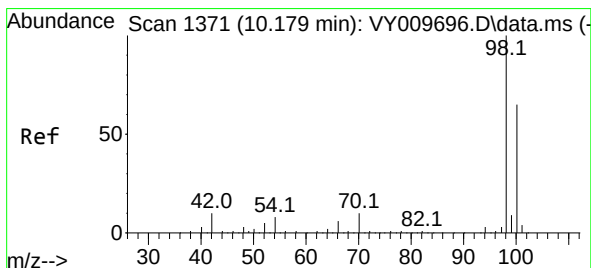
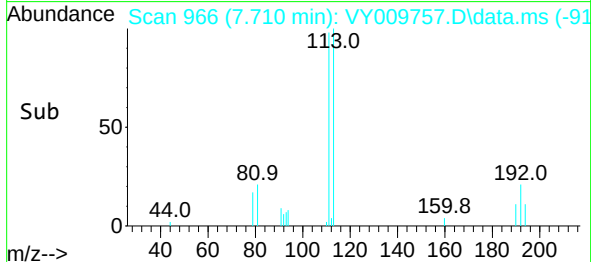
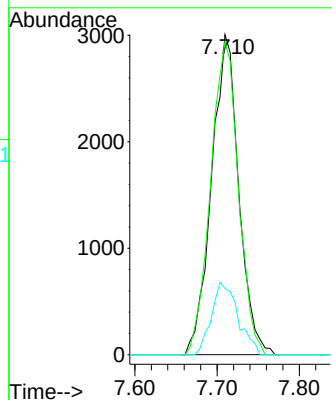
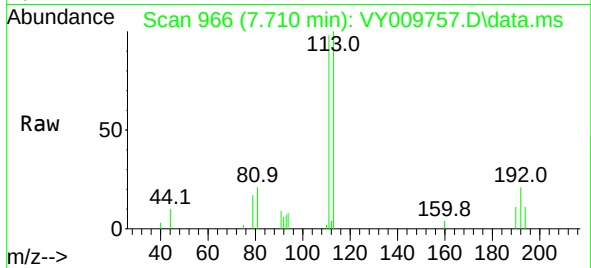




#35
Dibromofluoromethane
Concen: 42.401 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY009757.D
Acq: 28 Jul 2022 17:35

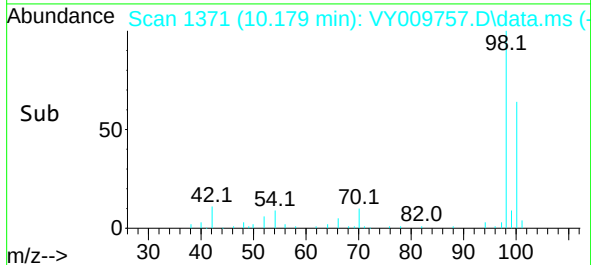
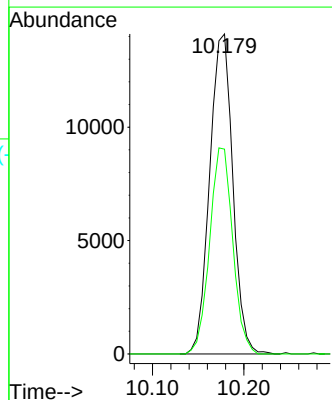
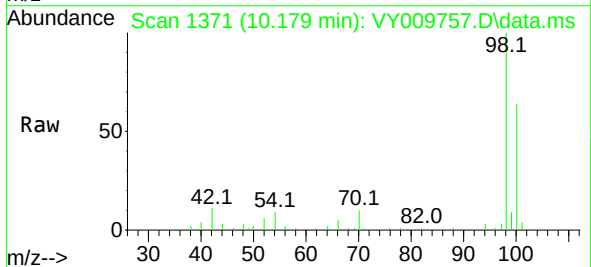
Instrument :
MSVOA_Y
ClientSampleId :
RVE-56

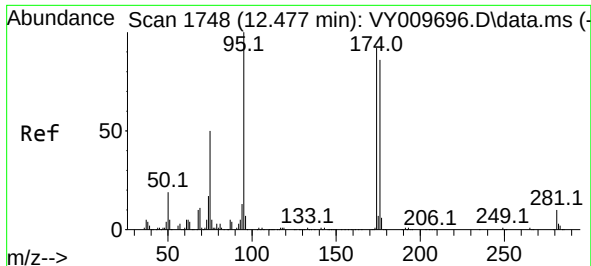
Tgt Ion:113 Resp: 6901
Ion Ratio Lower Upper
113 100
111 99.9 82.6 124.0
192 22.1 17.6 26.4



#50
Toluene-d8
Concen: 52.437 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009757.D
Acq: 28 Jul 2022 17:35

Tgt Ion: 98 Resp: 24757
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2

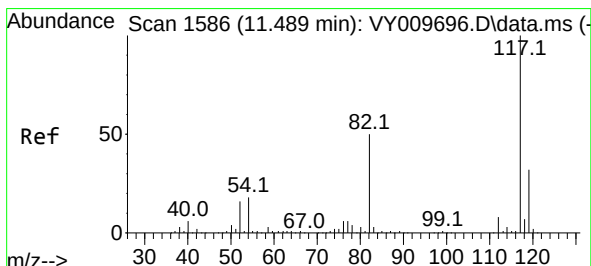
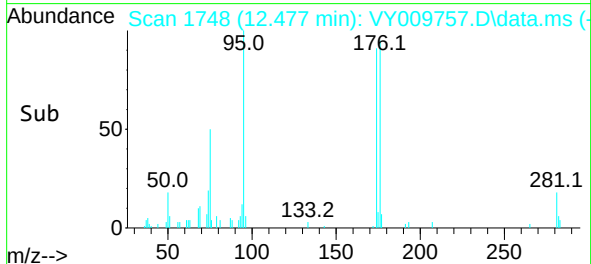
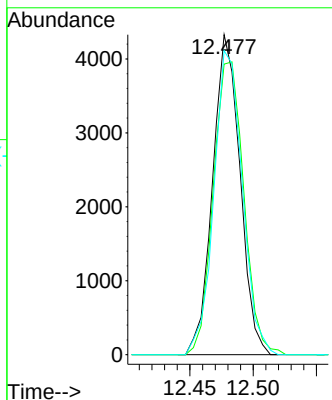
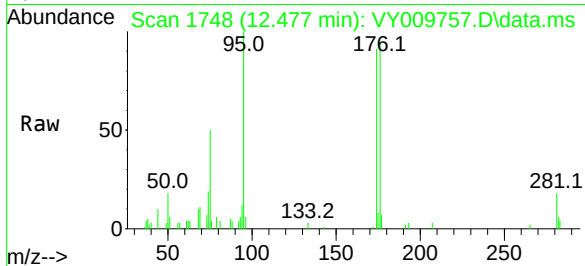




#62
4-Bromofluorobenzene
Concen: 30.133 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009757.D
Acq: 28 Jul 2022 17:35

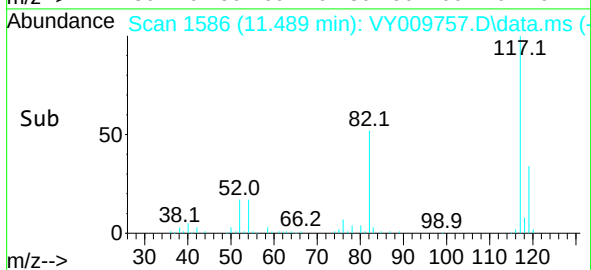
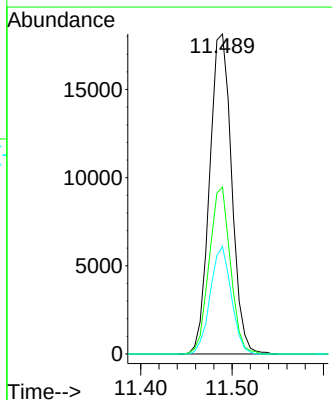
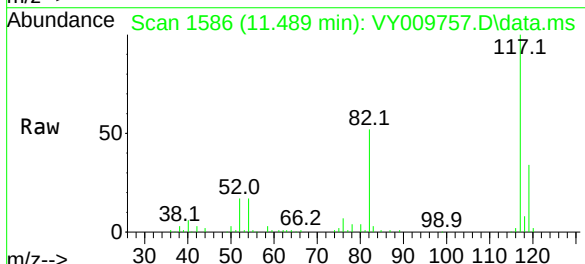
Instrument :
MSVOA_Y
ClientSampleId :
RVE-56

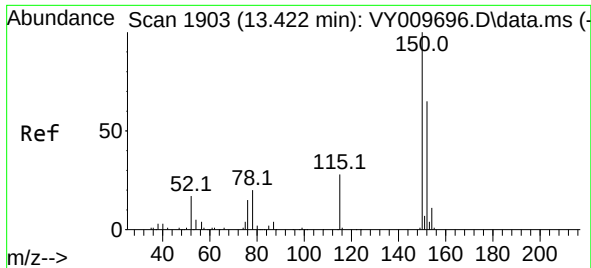
Tgt Ion:	95	Resp:	6503
Ion	Ratio	Lower	Upper
95	100		
174	101.8	0.0	177.0
176	98.9	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009757.D
Acq: 28 Jul 2022 17:35

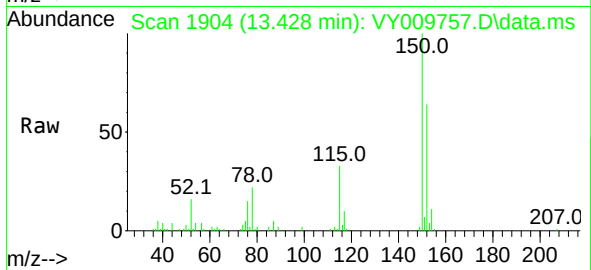
Tgt Ion:	117	Resp:	30380
Ion	Ratio	Lower	Upper
117	100		
82	52.1	43.0	64.4
119	33.6	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY009757.D
 Acq: 28 Jul 2022 17:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-56



Tgt Ion:	152	Resp:	10563
Ion Ratio	Lower	Upper	
152	100		
115	56.7	28.2	84.7
150	159.5	0.0	347.6

