

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012624\
 Data File : VY017118.D
 Acq On : 26 Jan 2024 13:56
 Operator : SY/MD
 Sample : P1260-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-01252024

Quant Time: Jan 29 04:16:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

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

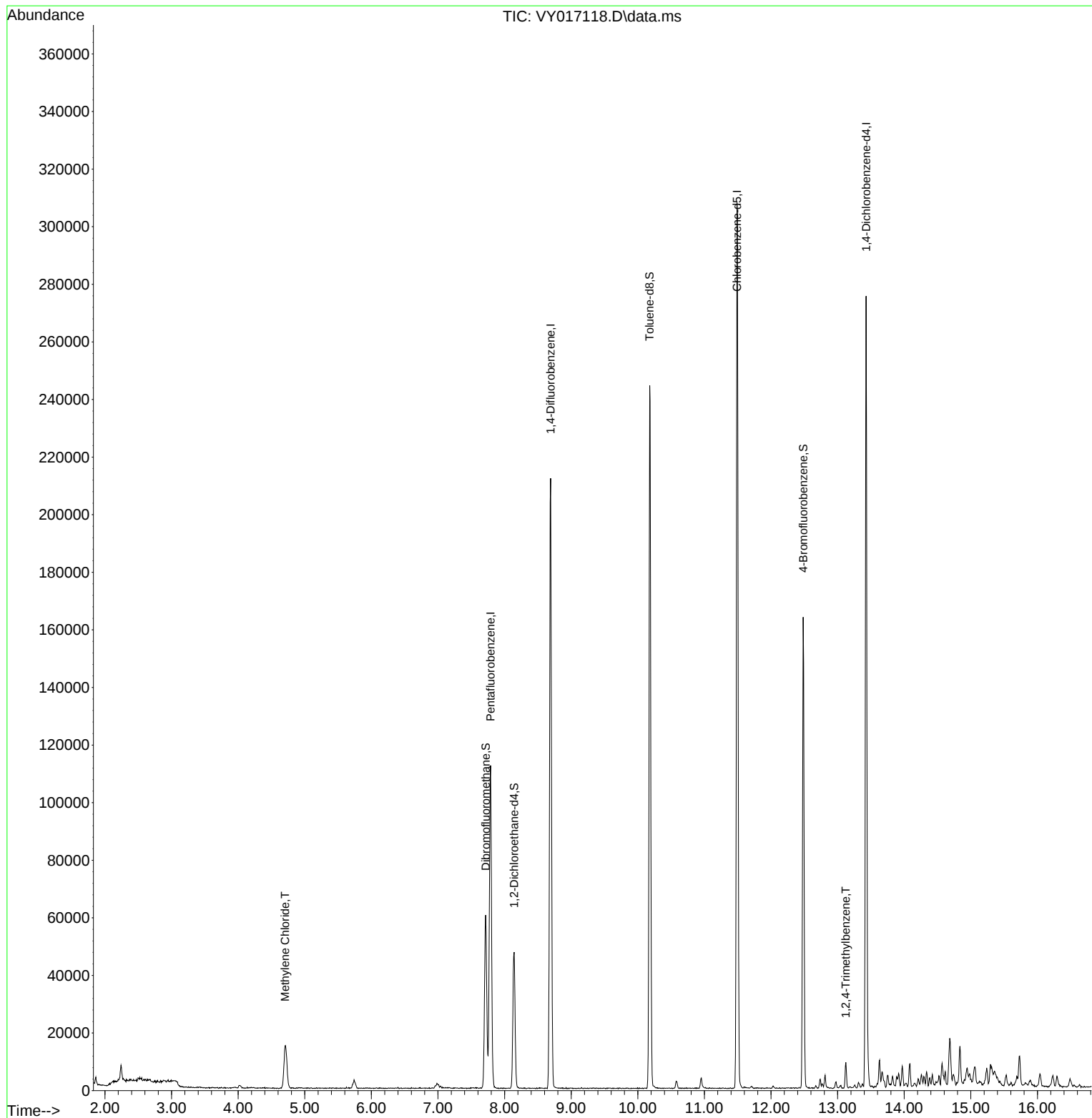
Internal Standards						
1) Pentafluorobenzene	7.789	168	84710	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	180946	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.489	117	171259	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	66002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	37100	44.951	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.900%		
35) Dibromofluoromethane	7.716	113	42953	39.331	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	78.660%		
50) Toluene-d8	10.179	98	159237	38.604	ug/l	-0.01
Spiked Amount 50.000	Range 58 - 134		Recovery =	77.200%		
62) 4-Bromofluorobenzene	12.483	95	49756	39.157	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	78.320%		
Target Compounds						
20) Methylene Chloride	4.704	84	11498	7.348	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	4865	1.140	ug/l	99

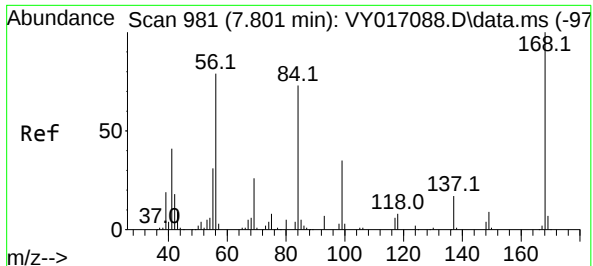
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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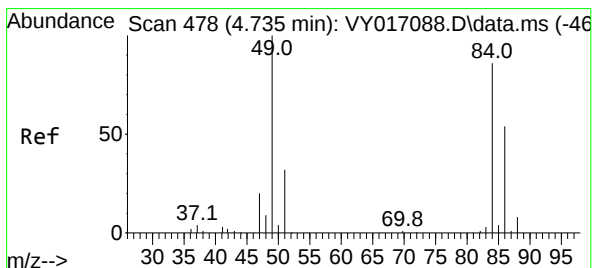
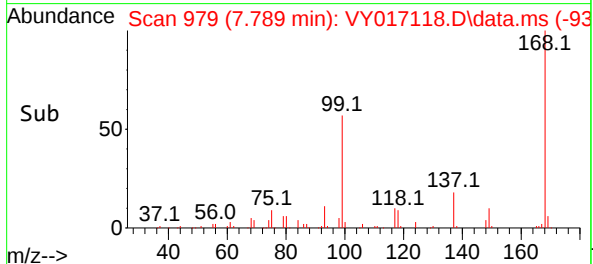
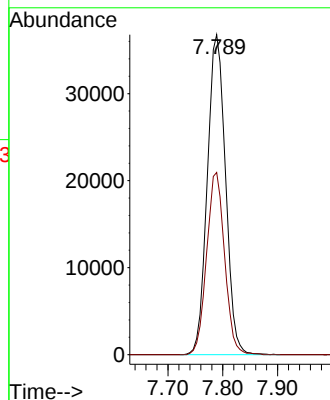
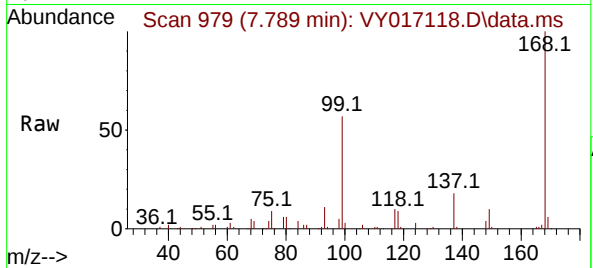




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017118.D
Acq: 26 Jan 2024 13:56

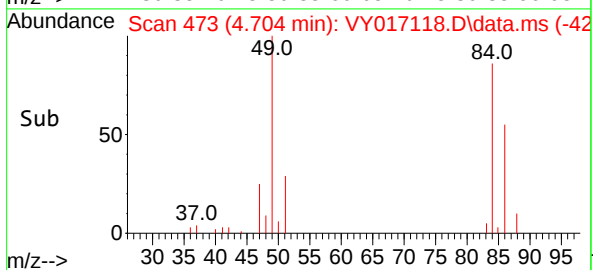
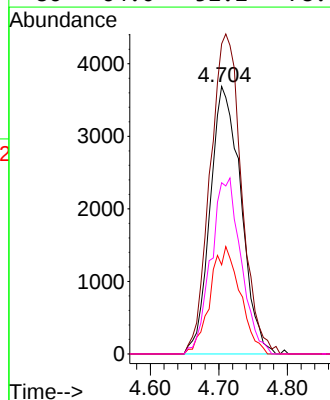
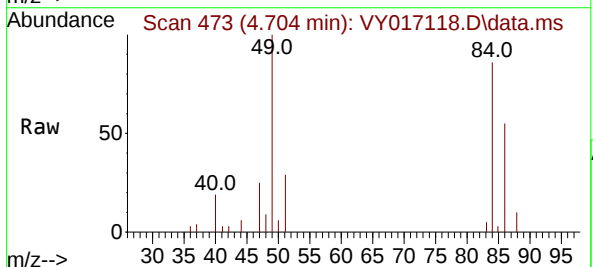
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-01252024

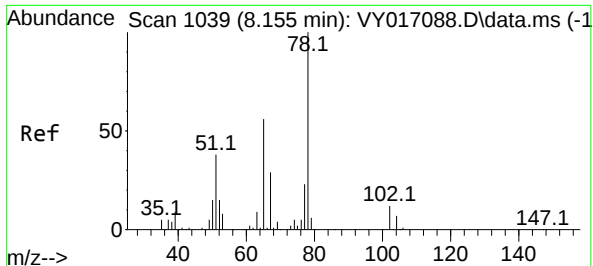
Tgt Ion:168 Resp: 84710
Ion Ratio Lower Upper
168 100
99 57.0 44.2 66.4



#20
Methylene Chloride
Concen: 7.348 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.030 min
Lab File: VY017118.D
Acq: 26 Jan 2024 13:56

Tgt Ion: 84 Resp: 11498
Ion Ratio Lower Upper
84 100
49 115.9 95.2 142.8
51 33.3 29.9 44.9
86 64.0 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 44.951 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.013 min

Lab File: VY017118.D

Acq: 26 Jan 2024 13:56

Instrument :

MSVOA_Y

ClientSampleId :

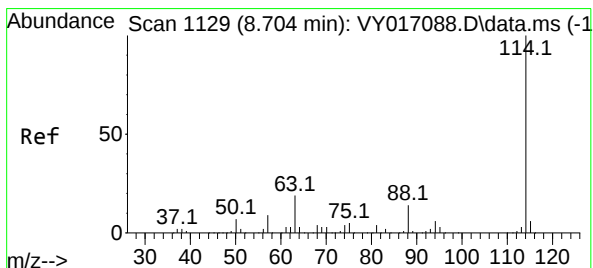
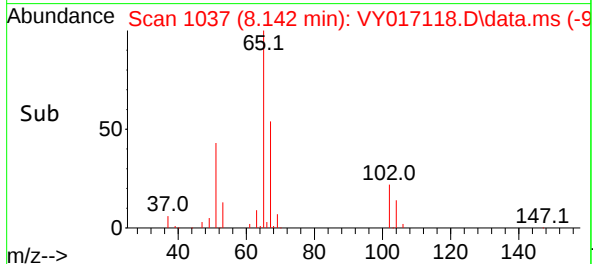
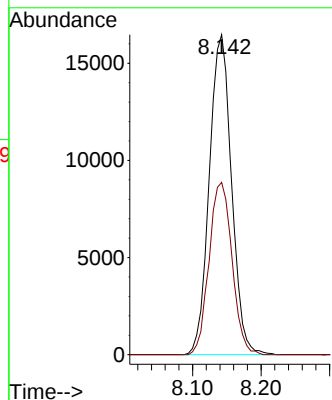
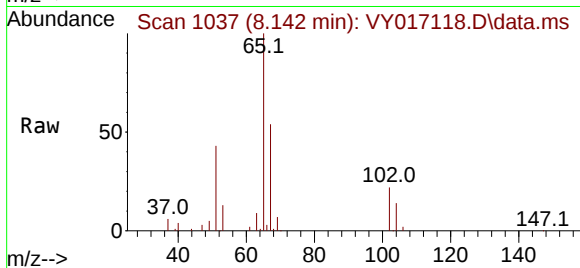
SU-03-01252024

Tgt Ion: 65 Resp: 37100

Ion Ratio Lower Upper

65 100

67 55.6 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.012 min

Lab File: VY017118.D

Acq: 26 Jan 2024 13:56

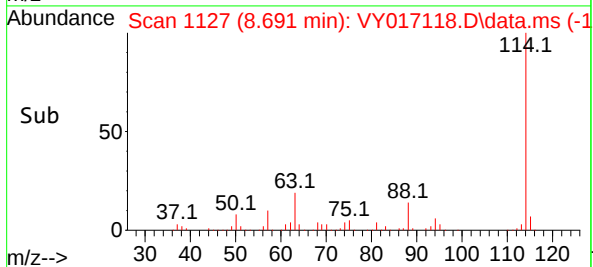
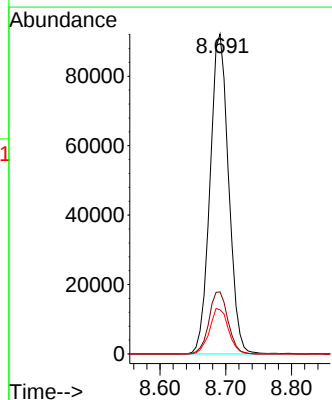
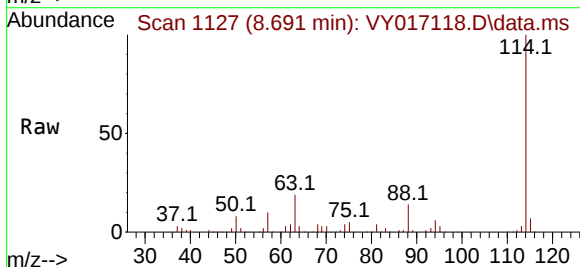
Tgt Ion: 114 Resp: 180946

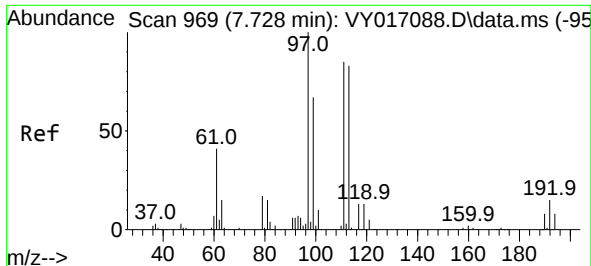
Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.4

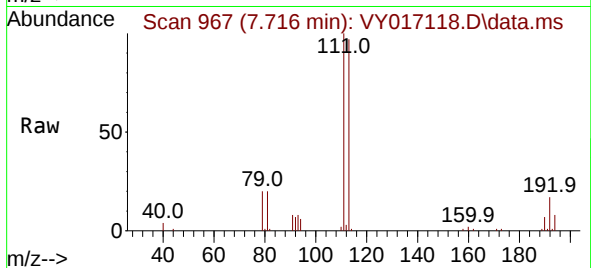
88 13.8 0.0 29.0



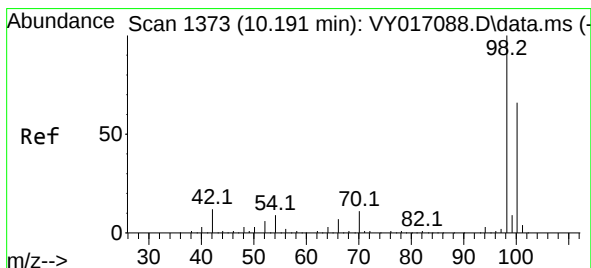
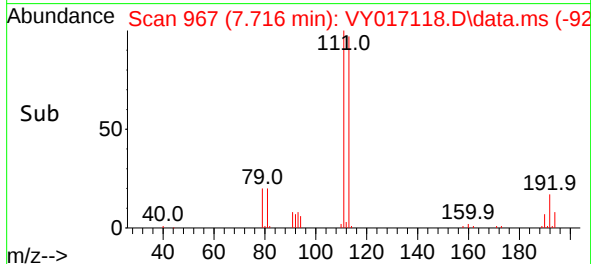
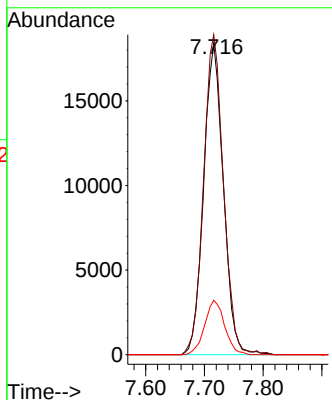


#35
Dibromofluoromethane
Concen: 39.331 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.012 min
Lab File: VY017118.D
Acq: 26 Jan 2024 13:56

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-01252024

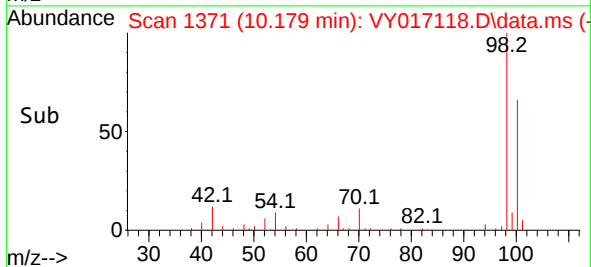
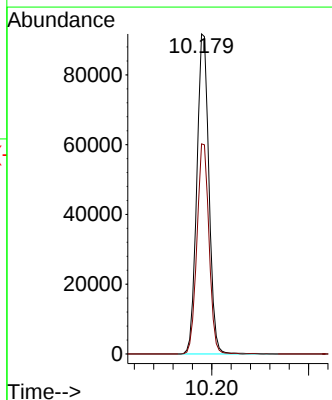
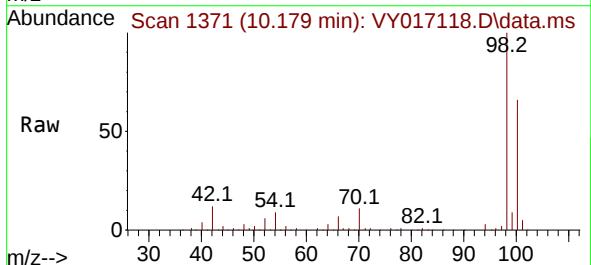


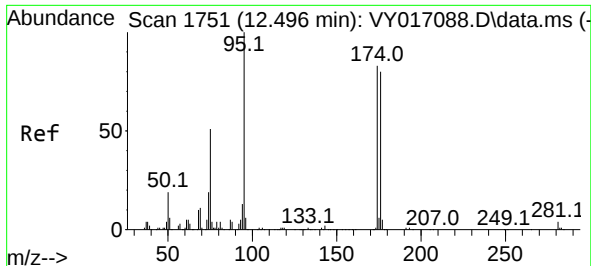
Tgt Ion:113	Resp:	42953	
Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.8	125.6
192	17.7	14.5	21.7



#50
Toluene-d8
Concen: 38.604 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.012 min
Lab File: VY017118.D
Acq: 26 Jan 2024 13:56

Tgt Ion: 98	Resp:	159237	
Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.3	78.5

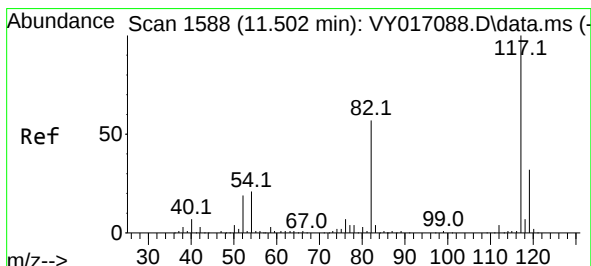
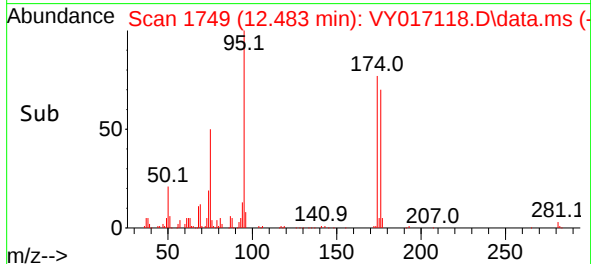
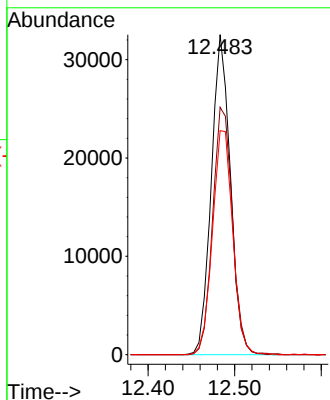
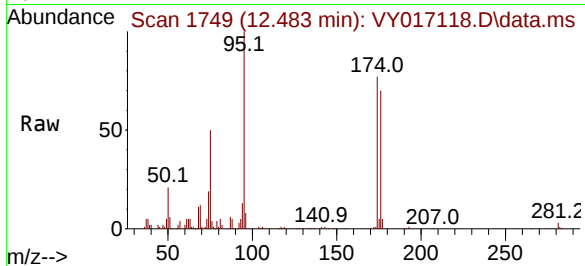




#62
4-Bromofluorobenzene
Concen: 39.157 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017118.D
Acq: 26 Jan 2024 13:56

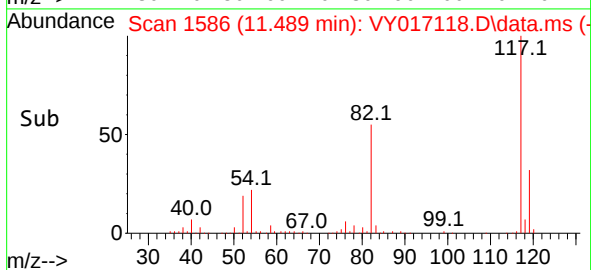
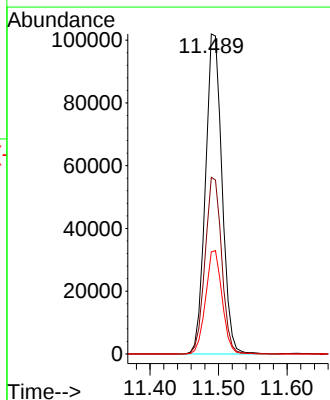
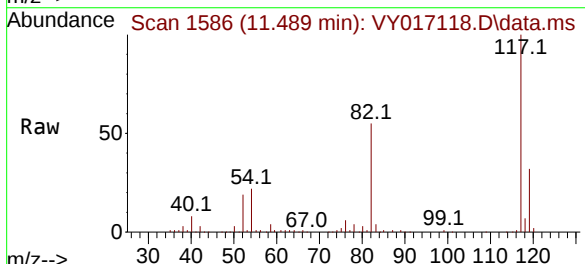
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-01252024

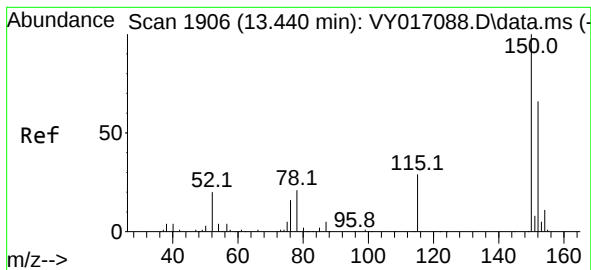
Tgt Ion:	95	Resp:	49756
Ion	Ratio	Lower	Upper
95	100		
174	80.0	0.0	160.0
176	74.5	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.013 min
Lab File: VY017118.D
Acq: 26 Jan 2024 13:56

Tgt Ion:	117	Resp:	171259
Ion	Ratio	Lower	Upper
117	100		
82	55.2	43.8	65.8
119	31.9	26.5	39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY017118.D

Acq: 26 Jan 2024 13:56

Instrument :

MSVOA_Y

ClientSampleId :

SU-03-01252024

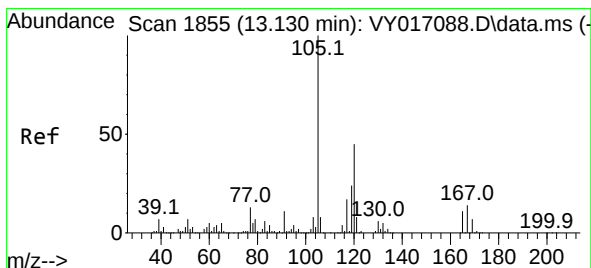
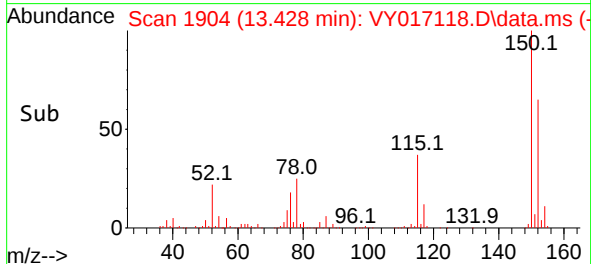
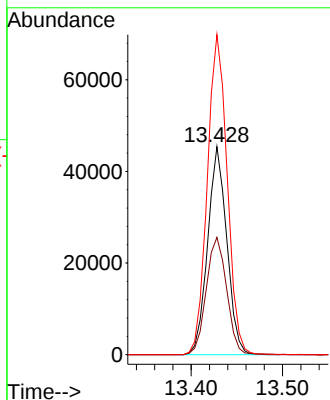
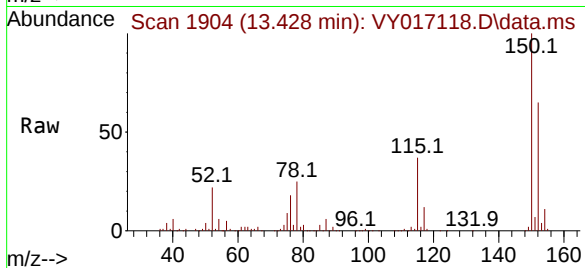
Tgt Ion:152 Resp: 66002

Ion Ratio Lower Upper

152 100

115 59.9 30.0 90.0

150 159.8 0.0 344.6



#84

1,2,4-Trimethylbenzene

Concen: 1.140 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.006 min

Lab File: VY017118.D

Acq: 26 Jan 2024 13:56

Tgt Ion:105 Resp: 4865

Ion Ratio Lower Upper

105 100

120 43.5 22.1 66.3

