

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020624\
 Data File : VY017262.D
 Acq On : 06 Feb 2024 14:15
 Operator : SY/MD
 Sample : P1334-05
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-03-020124

Quant Time: Feb 06 15:51:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

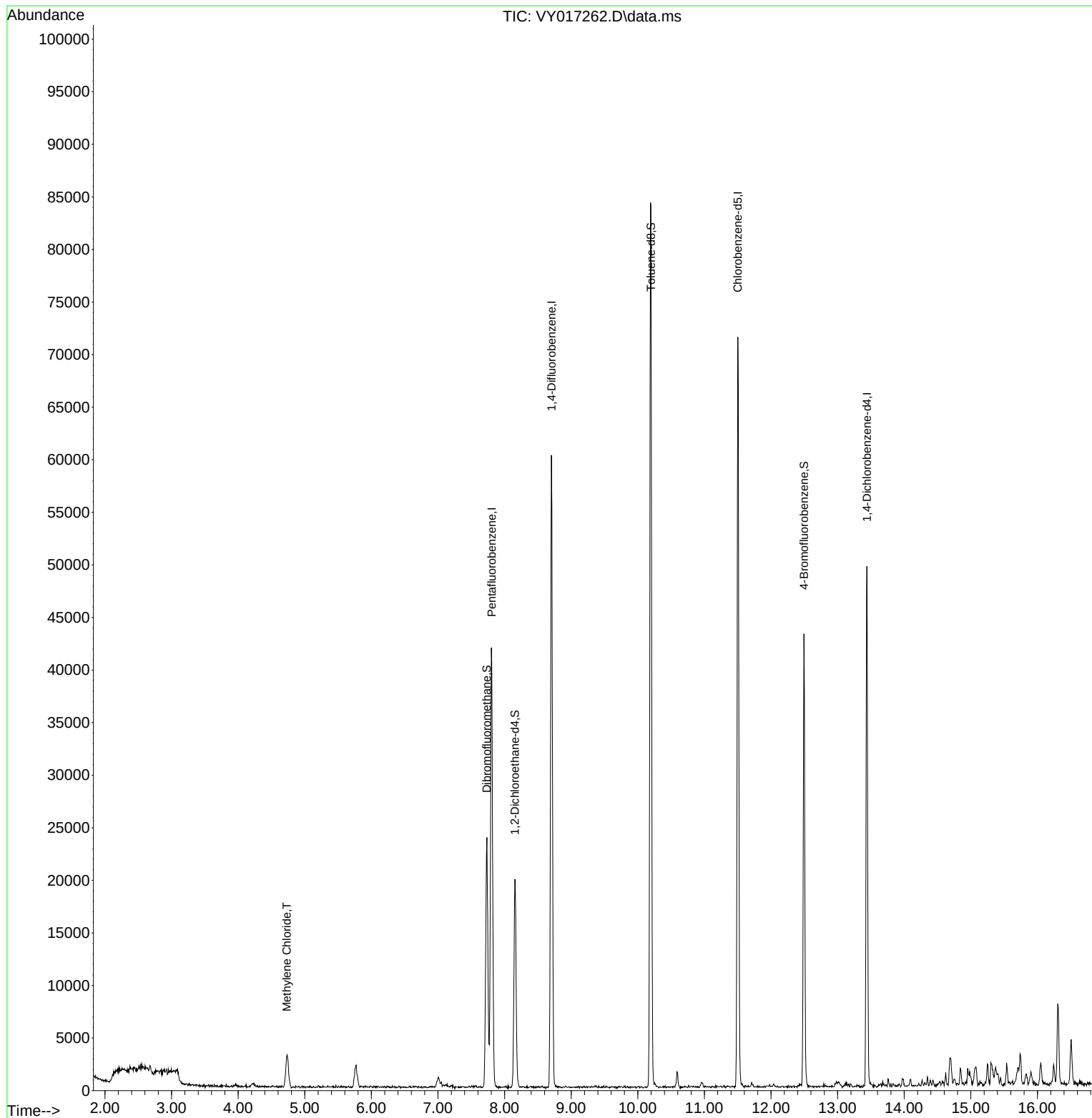
Internal Standards						
1) Pentafluorobenzene	7.807	168	30815	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	49457	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	39197	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	12122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	15935	57.886	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.780%
35) Dibromofluoromethane	7.734	113	17006	63.684	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	127.360%
50) Toluene-d8	10.197	98	57614	59.258	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	118.520%
62) 4-Bromofluorobenzene	12.495	95	12756	40.051	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.100%
Target Compounds						
20) Methylene Chloride	4.728	84	2281	3.635	ug/l	Qvalue 96

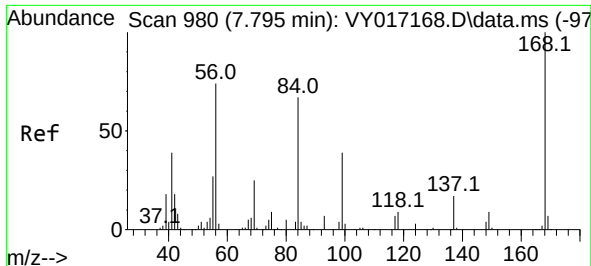
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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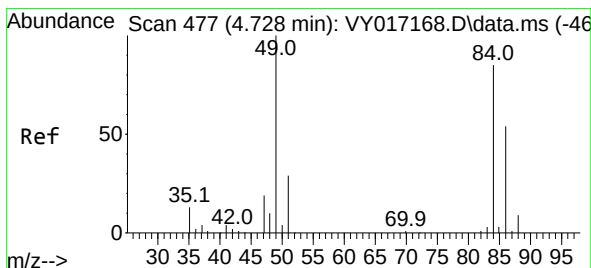
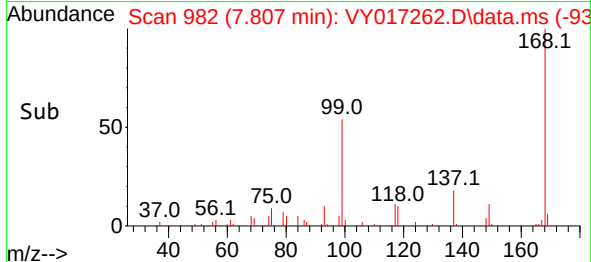
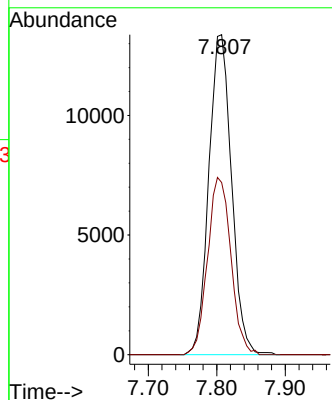
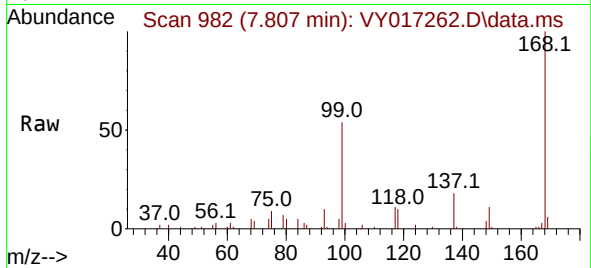




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 980
Delta R.T. 0.012 min
Lab File: VY017262.D
Acq: 06 Feb 2024 14:15

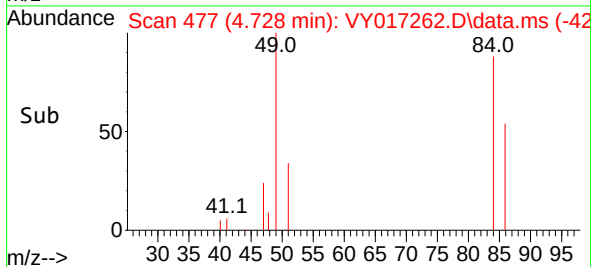
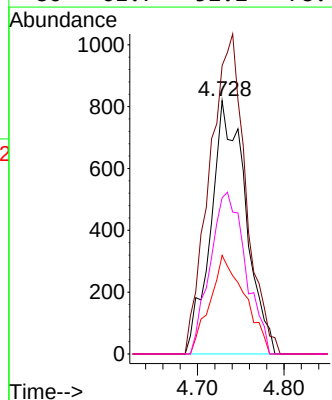
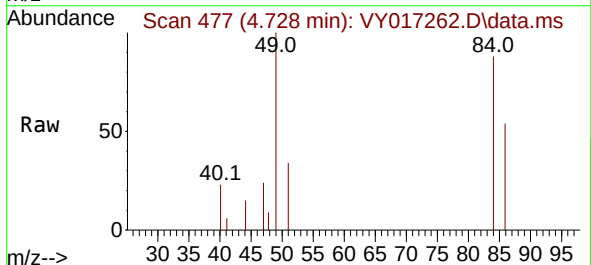
Instrument :
MSVOA_Y
ClientSampleId :
HR-03-020124

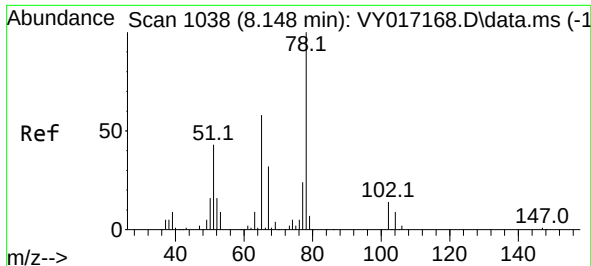
Tgt Ion:168 Resp: 30815
Ion Ratio Lower Upper
168 100
99 53.8 44.2 66.4



#20
Methylene Chloride
Concen: 3.635 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY017262.D
Acq: 06 Feb 2024 14:15

Tgt Ion: 84 Resp: 2281
Ion Ratio Lower Upper
84 100
49 113.9 95.2 142.8
51 38.9 29.9 44.9
86 61.7 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 57.886 ug/l

RT: 8.155 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VY017262.D

Acq: 06 Feb 2024 14:15

Instrument :

MSVOA_Y

ClientSampleId :

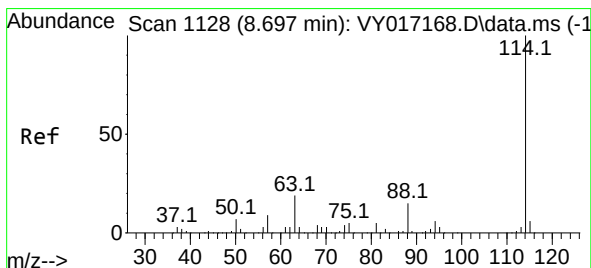
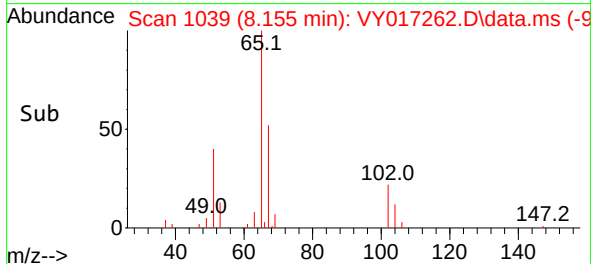
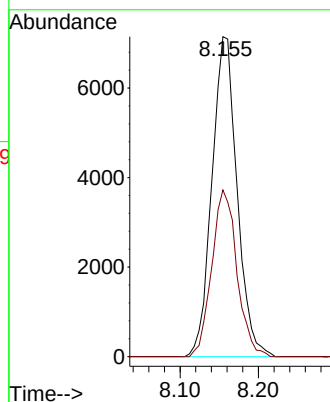
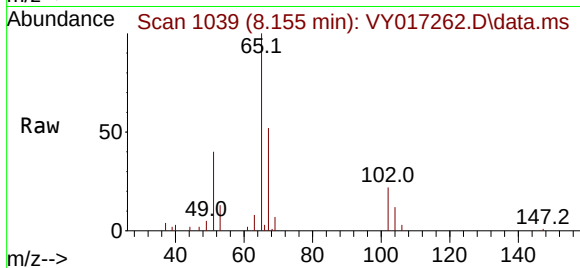
HR-03-020124

Tgt Ion: 65 Resp: 15935

Ion Ratio Lower Upper

65 100

67 52.2 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY017262.D

Acq: 06 Feb 2024 14:15

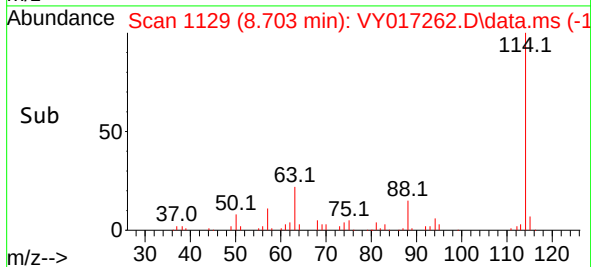
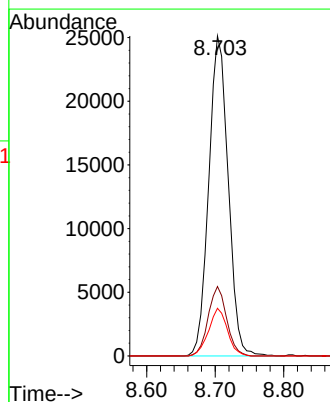
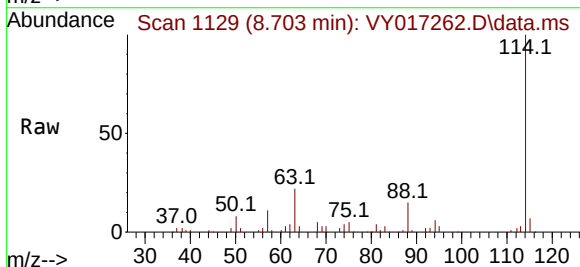
Tgt Ion: 114 Resp: 49457

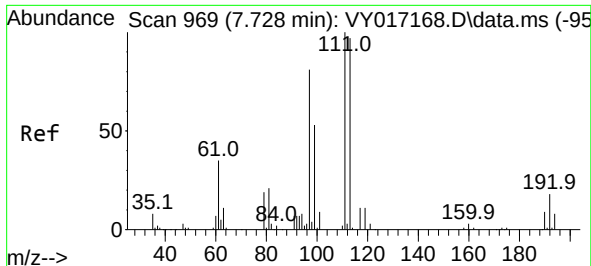
Ion Ratio Lower Upper

114 100

63 21.7 0.0 37.4

88 14.9 0.0 29.0

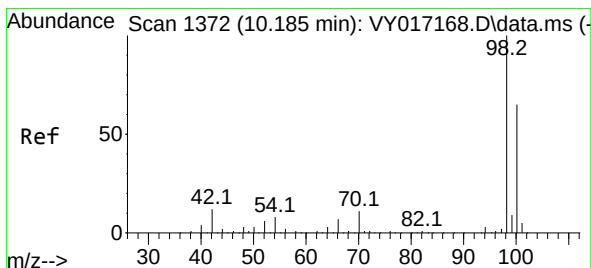
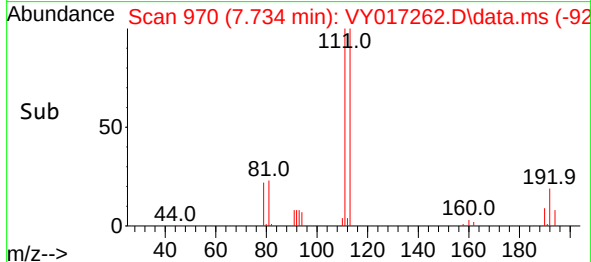
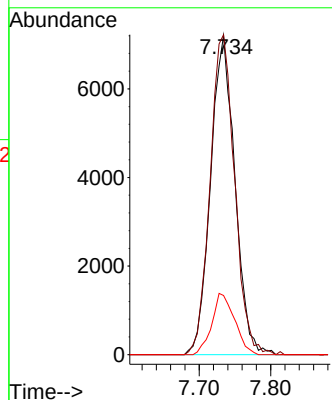
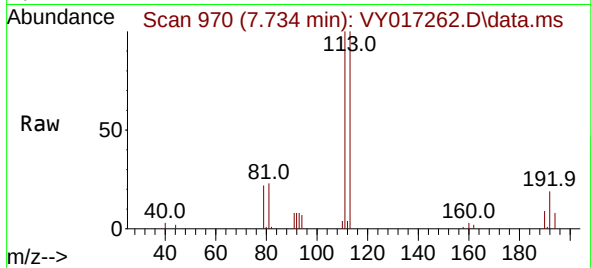




#35
Dibromofluoromethane
Concen: 63.684 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017262.D
Acq: 06 Feb 2024 14:15

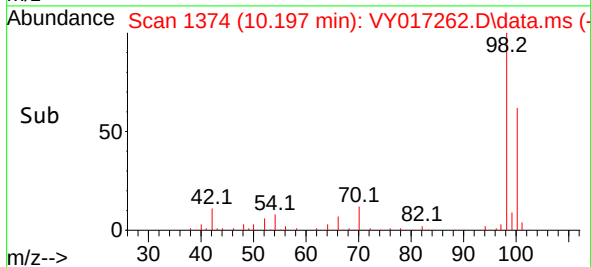
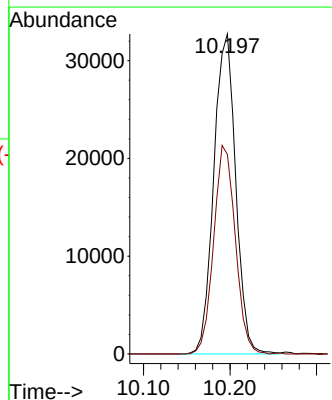
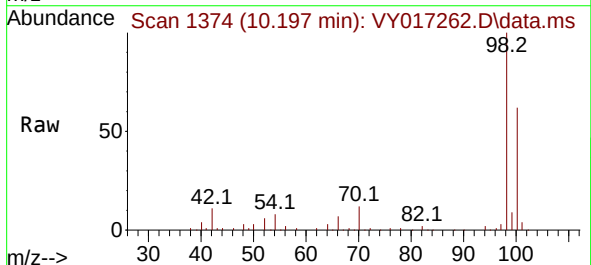
Instrument :
MSVOA_Y
ClientSampleId :
HR-03-020124

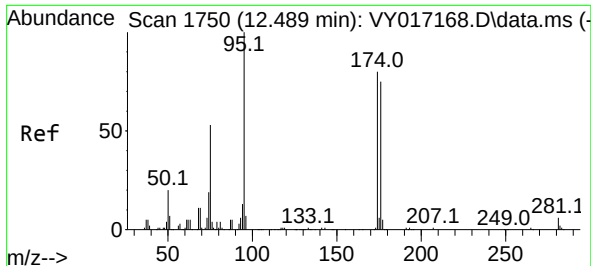
Tgt Ion:113 Resp: 17006
Ion Ratio Lower Upper
113 100
111 101.5 83.8 125.6
192 18.0 14.5 21.7



#50
Toluene-d8
Concen: 59.258 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.012 min
Lab File: VY017262.D
Acq: 06 Feb 2024 14:15

Tgt Ion: 98 Resp: 57614
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5

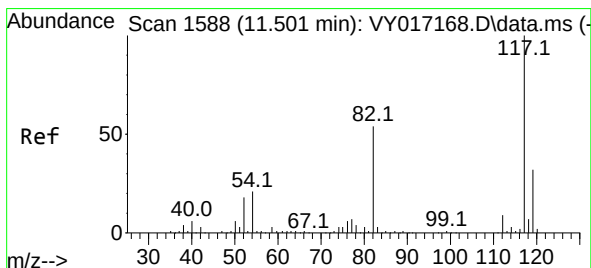
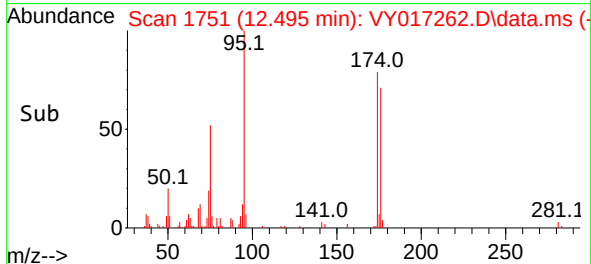
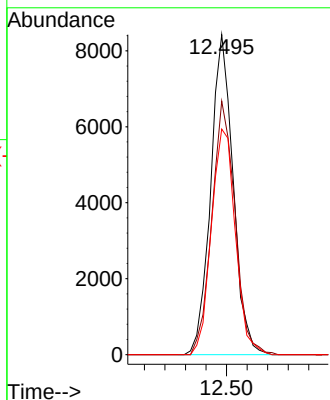
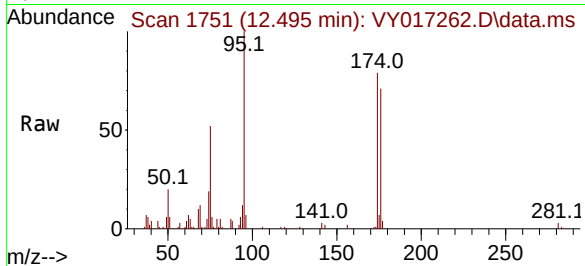




#62
4-Bromofluorobenzene
Concen: 40.051 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017262.D
Acq: 06 Feb 2024 14:15

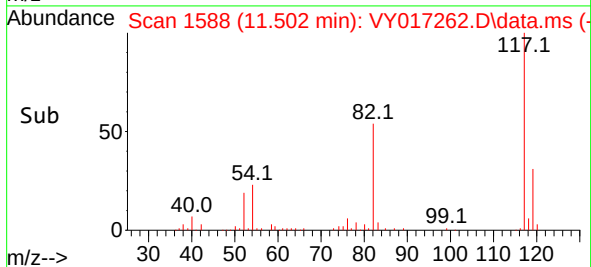
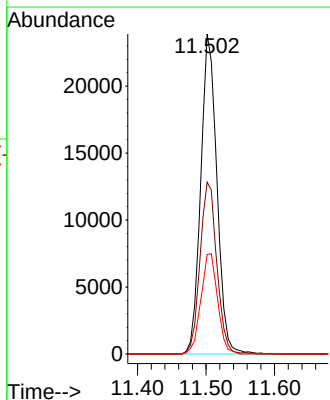
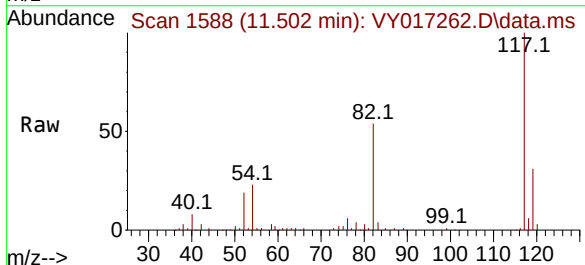
Instrument :
MSVOA_Y
ClientSampleId :
HR-03-020124

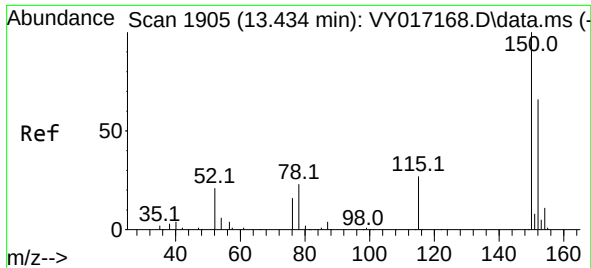
Tgt Ion:	95	Resp:	12756
Ion	Ratio	Lower	Upper
95	100		
174	82.0	0.0	160.0
176	75.5	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.000 min
Lab File: VY017262.D
Acq: 06 Feb 2024 14:15

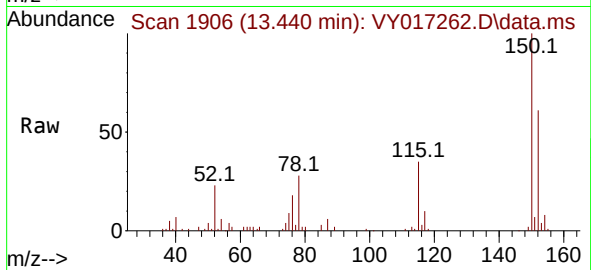
Tgt Ion:	117	Resp:	39197
Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.8	65.8
119	31.1	26.5	39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.440 min Scan# 1906
 Delta R.T. 0.006 min
 Lab File: VY017262.D
 Acq: 06 Feb 2024 14:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-03-020124



Tgt Ion:152 Resp: 12122
 Ion Ratio Lower Upper
 152 100
 115 60.5 30.0 90.0
 150 164.0 0.0 344.6

