

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020724\
 Data File : VY017283.D
 Acq On : 07 Feb 2024 12:53
 Operator : SY/MD
 Sample : P1358-03
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT24449

Quant Time: Feb 07 14:09:15 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)

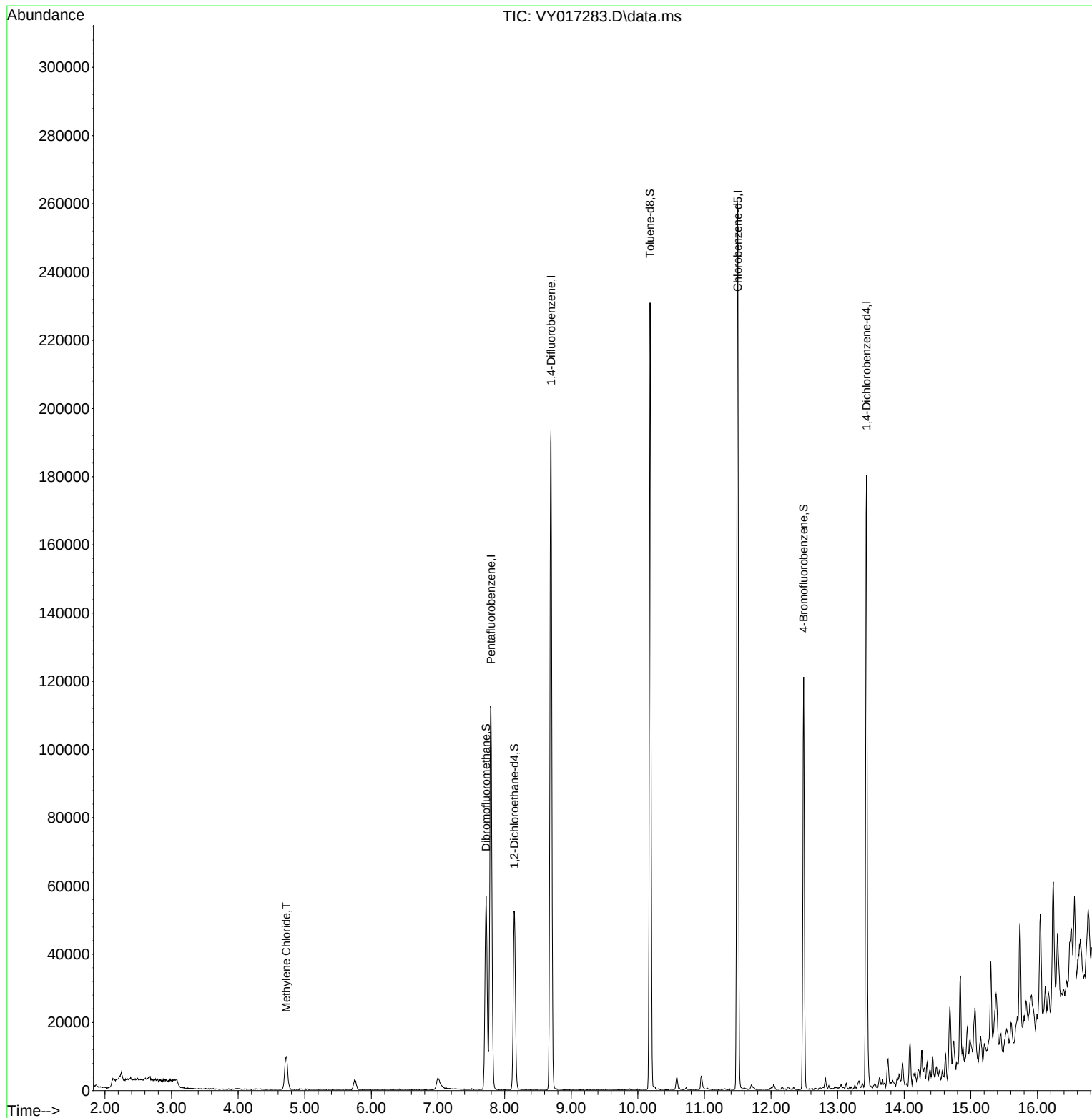
Internal Standards						
1) Pentafluorobenzene	7.795	168	82845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	165837	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	136210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	43121	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	39989	54.033	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.060%
35) Dibromofluoromethane	7.722	113	40182	44.875	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.760%
50) Toluene-d8	10.185	98	144964	44.466	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.940%
62) 4-Bromofluorobenzene	12.489	95	36390	34.074	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	68.140%
Target Compounds						
20) Methylene Chloride	4.722	84	7675	5.497	ug/l	Qvalue # 93

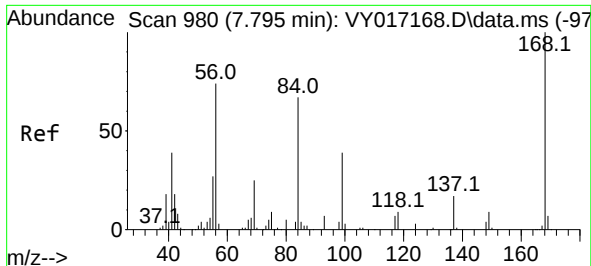
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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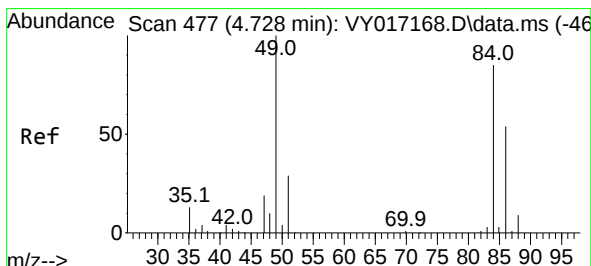
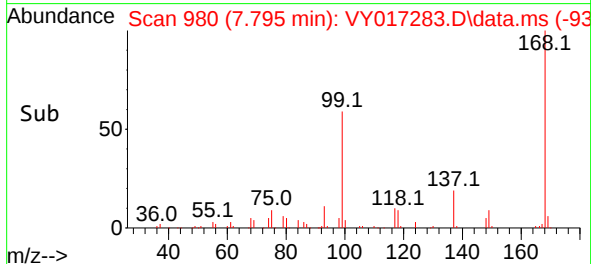
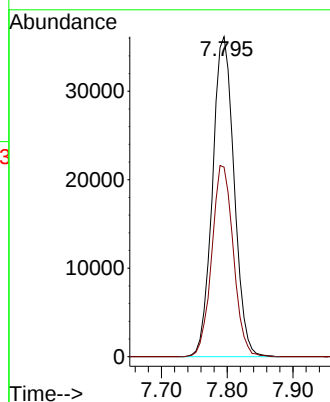
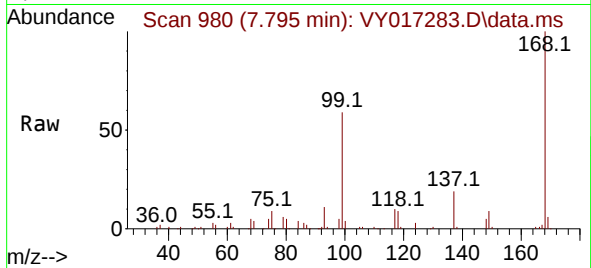




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017283.D
Acq: 07 Feb 2024 12:53

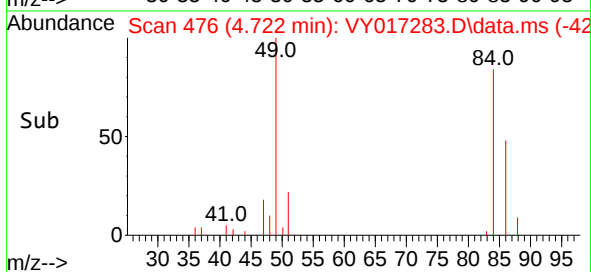
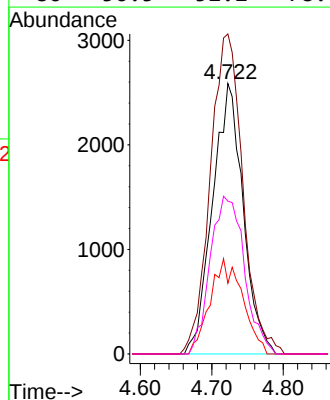
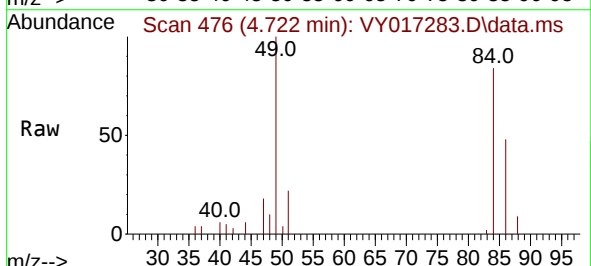
Instrument :
MSVOA_Y
ClientSampleId :
CHRT24449

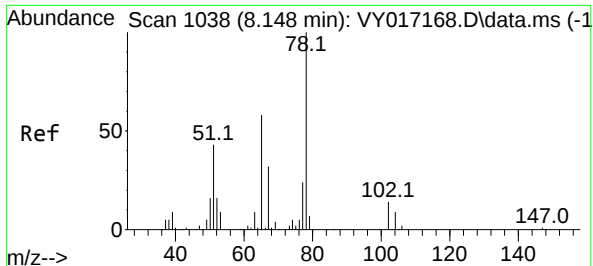
Tgt Ion:168 Resp: 82845
Ion Ratio Lower Upper
168 100
99 59.2 44.2 66.4



#20
Methylene Chloride
Concen: 5.497 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY017283.D
Acq: 07 Feb 2024 12:53

Tgt Ion: 84 Resp: 7675
Ion Ratio Lower Upper
84 100
49 118.4 95.2 142.8
51 26.1 29.9 44.9#
86 56.5 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 54.033 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY017283.D

Acq: 07 Feb 2024 12:53

Instrument :

MSVOA_Y

ClientSampleId :

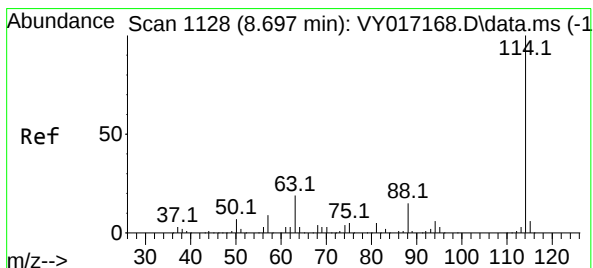
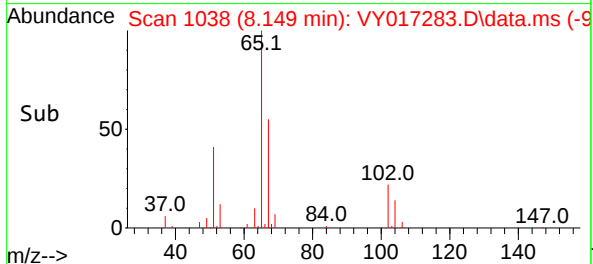
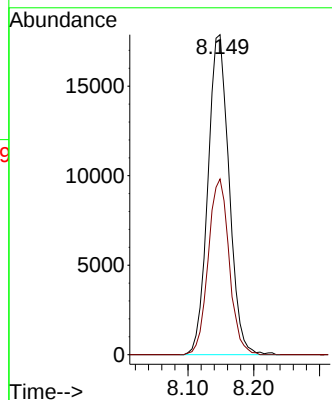
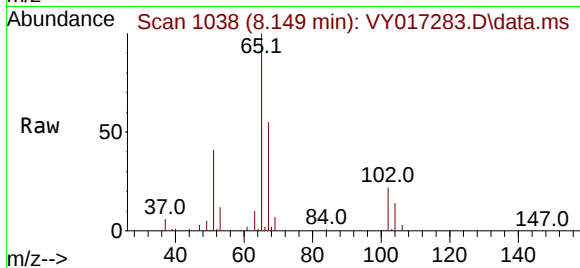
CHRT24449

Tgt Ion: 65 Resp: 39989

Ion Ratio Lower Upper

65 100

67 54.4 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017283.D

Acq: 07 Feb 2024 12:53

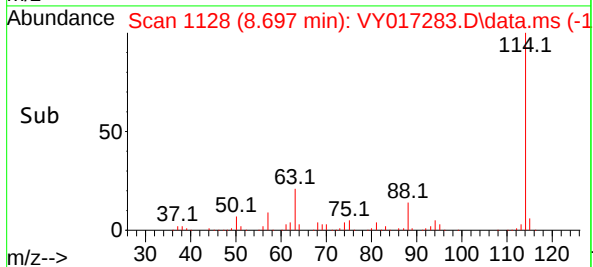
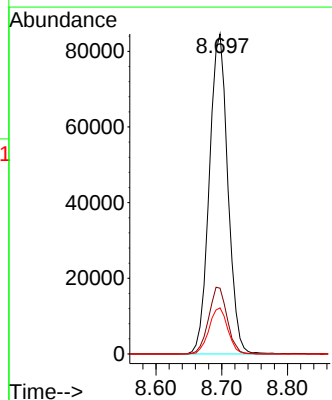
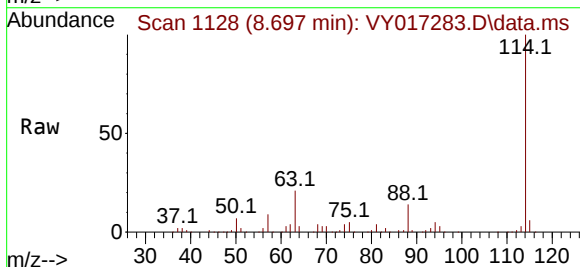
Tgt Ion: 114 Resp: 165837

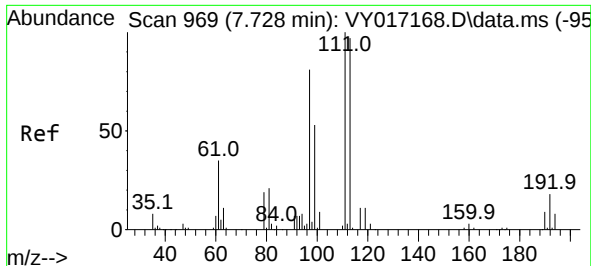
Ion Ratio Lower Upper

114 100

63 20.6 0.0 37.4

88 14.4 0.0 29.0

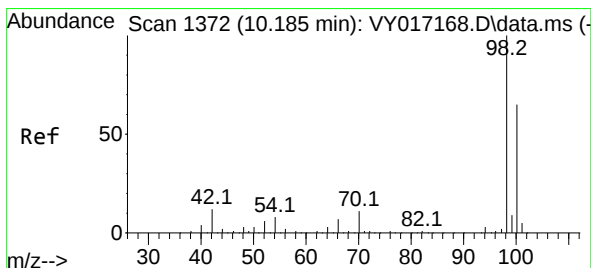
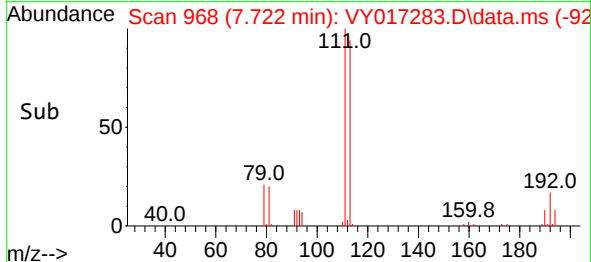
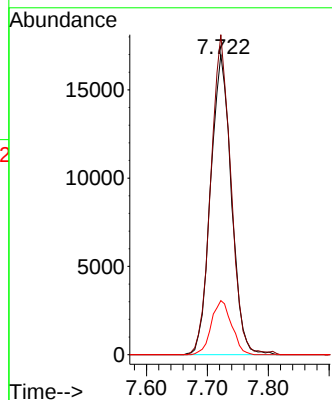
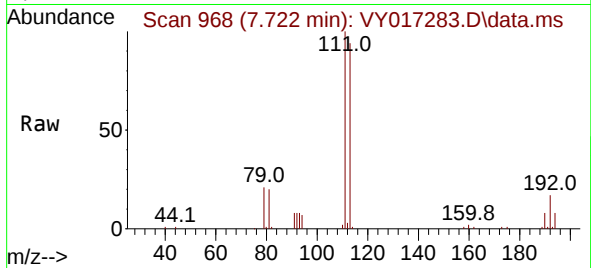




#35
Dibromofluoromethane
Concen: 44.875 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY017283.D
Acq: 07 Feb 2024 12:53

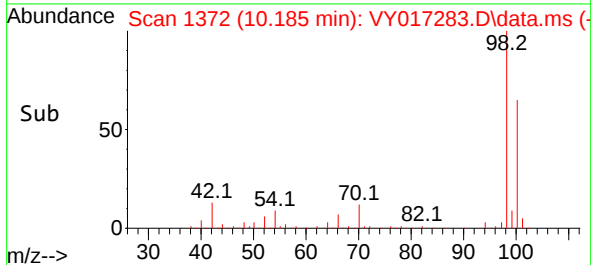
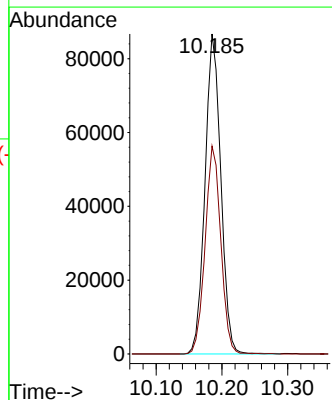
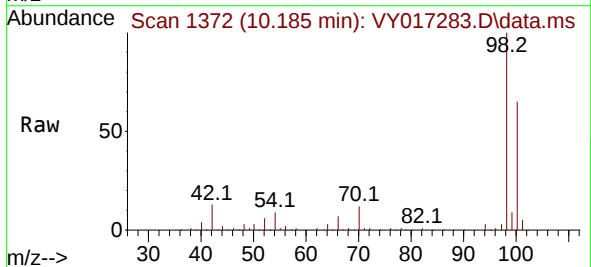
Instrument :
MSVOA_Y
ClientSampleId :
CHRT24449

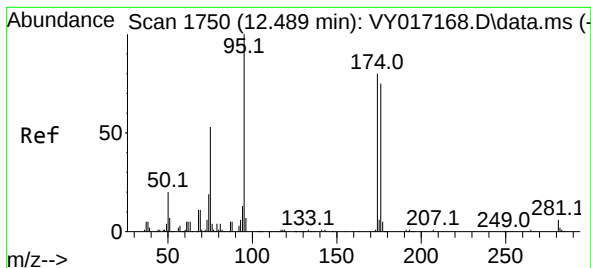
Tgt Ion:113 Resp: 40182
Ion Ratio Lower Upper
113 100
111 103.5 83.8 125.6
192 17.6 14.5 21.7



#50
Toluene-d8
Concen: 44.466 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017283.D
Acq: 07 Feb 2024 12:53

Tgt Ion: 98 Resp: 144964
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5

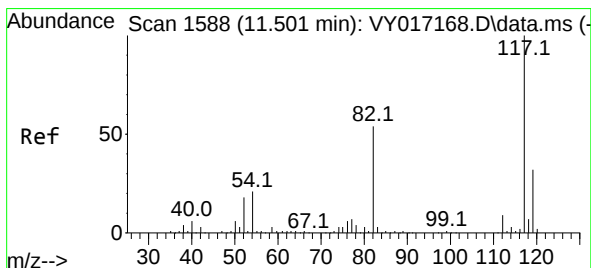
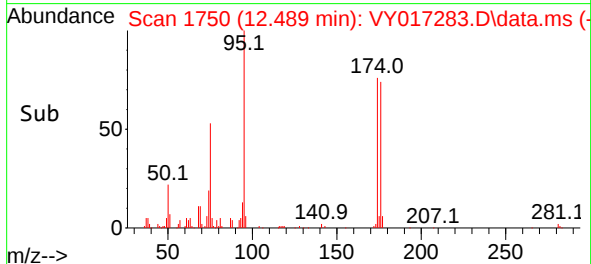
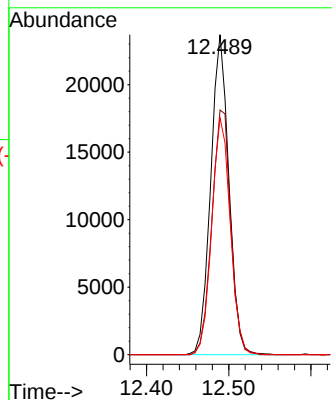
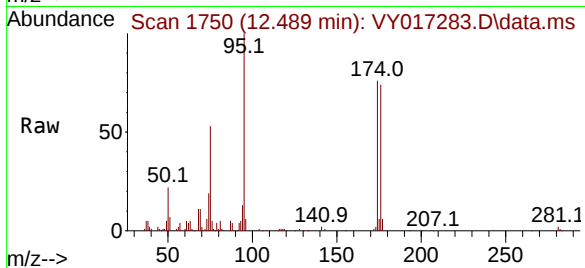




#62
4-Bromofluorobenzene
Concen: 34.074 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017283.D
Acq: 07 Feb 2024 12:53

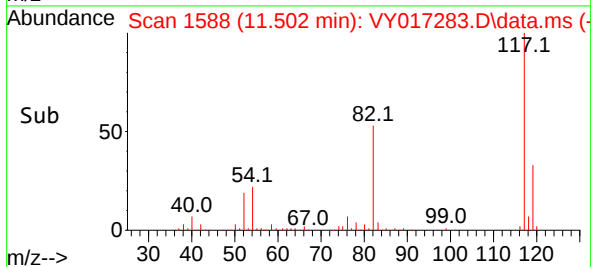
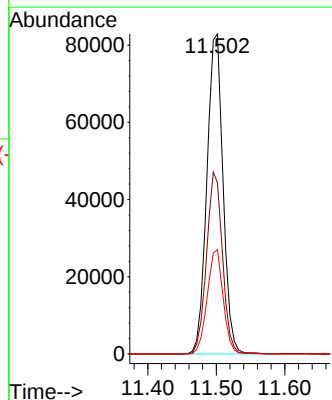
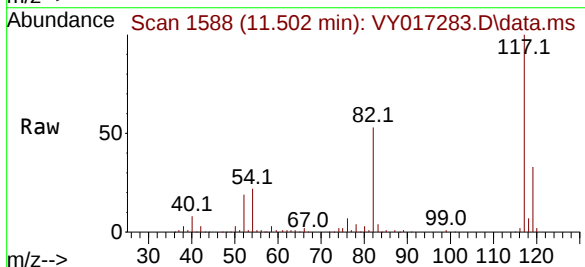
Instrument :
MSVOA_Y
ClientSampleId :
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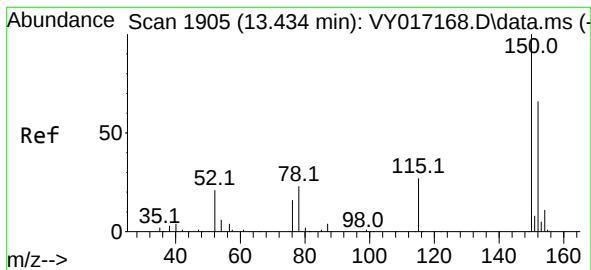
Tgt Ion:	95	Resp:	36390
Ion	Ratio	Lower	Upper
95	100		
174	79.6	0.0	160.0
176	75.3	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.000 min
Lab File: VY017283.D
Acq: 07 Feb 2024 12:53

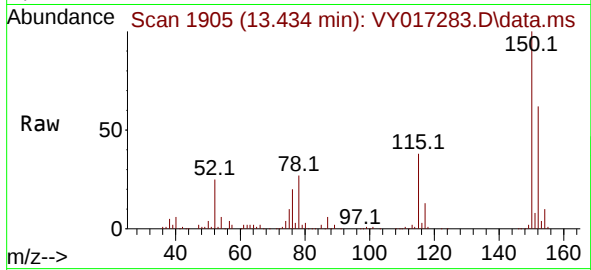
Tgt Ion:	117	Resp:	136210
Ion	Ratio	Lower	Upper
117	100		
82	53.5	43.8	65.8
119	32.6	26.5	39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.000 min
 Lab File: VY017283.D
 Acq: 07 Feb 2024 12:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT24449



Tgt Ion:152 Resp: 43121
 Ion Ratio Lower Upper
 152 100
 115 60.3 30.0 90.0
 150 159.0 0.0 344.6

