

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020624\
 Data File : VY017268.D
 Acq On : 06 Feb 2024 16:36
 Operator : SY/MD
 Sample : P1334-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-01-020124RE

Quant Time: Feb 06 16:54:51 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)

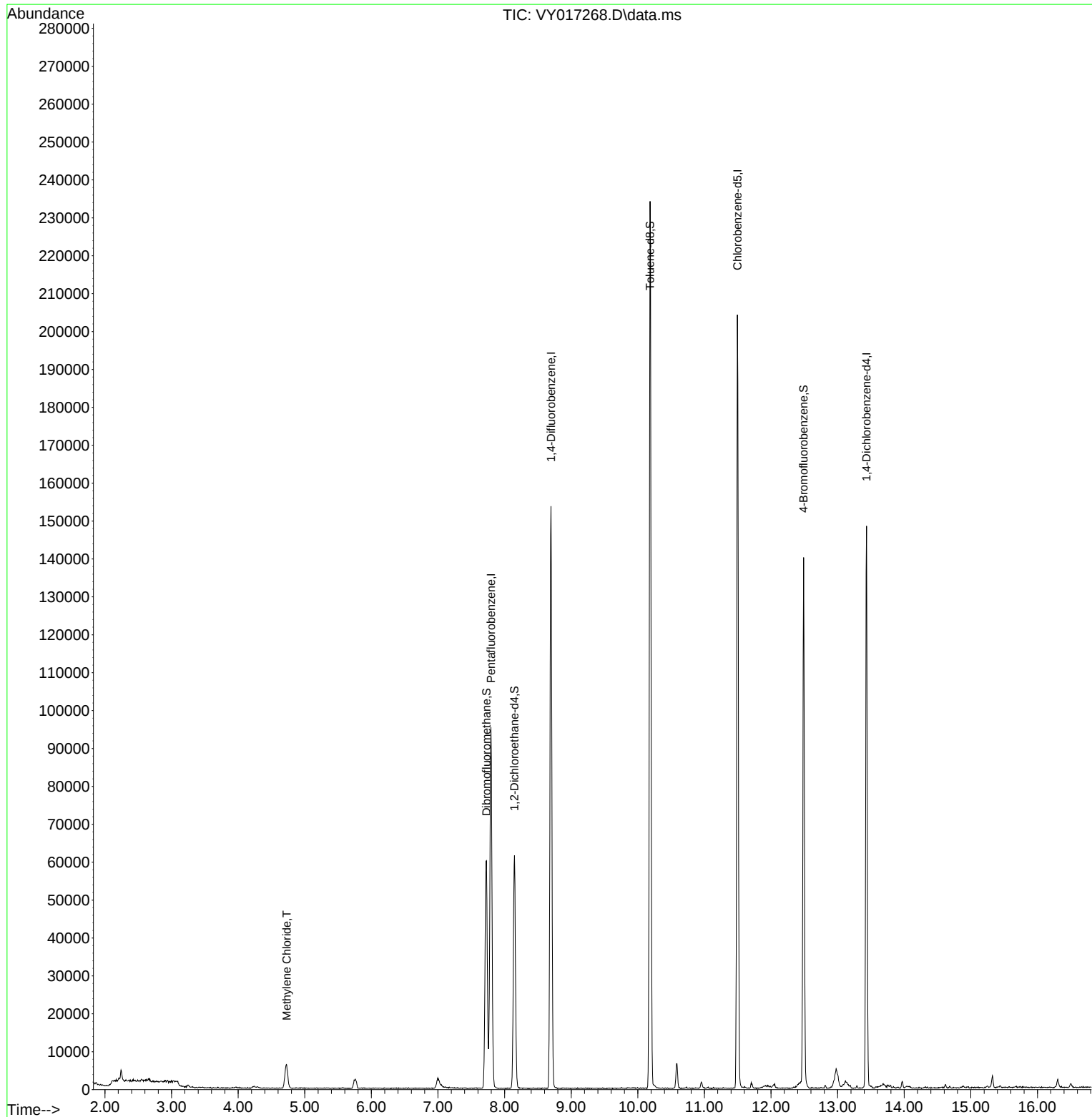
Internal Standards						
1) Pentafluorobenzene	7.795	168	70108	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	131309	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	111433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	37112	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	46218	73.795	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	147.600%
35) Dibromofluoromethane	7.728	113	44379	62.595	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	125.200%
50) Toluene-d8	10.185	98	153760	59.566	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	119.140%
62) 4-Bromofluorobenzene	12.489	95	40933	48.407	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.820%
Target Compounds						
20) Methylene Chloride	4.728	84	4765	3.029	ug/l	88

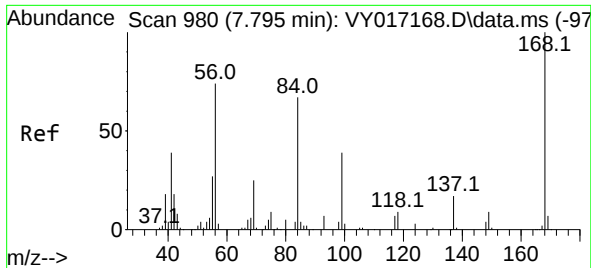
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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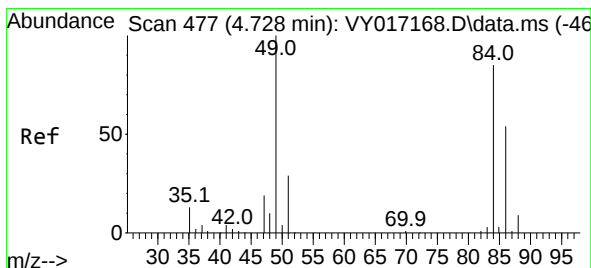
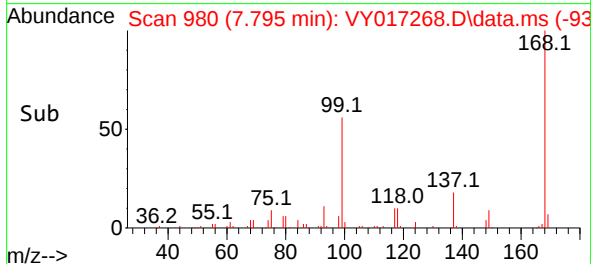
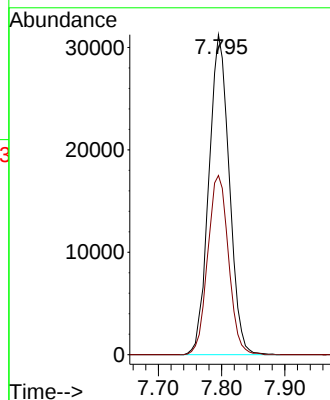
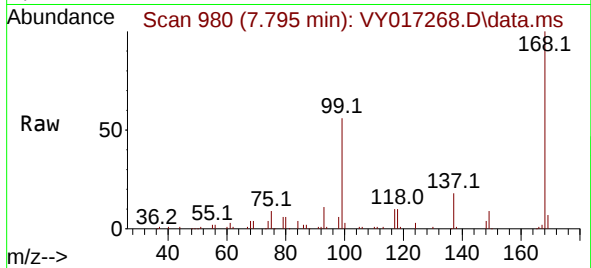




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY017268.D
Acq: 06 Feb 2024 16:36

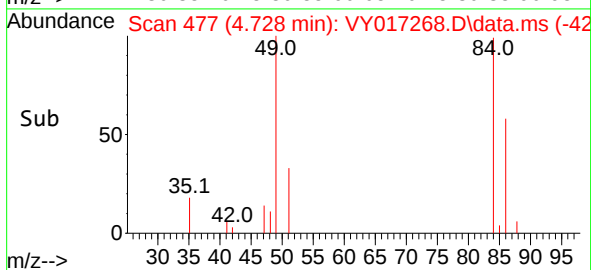
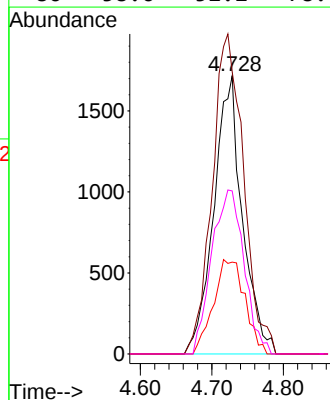
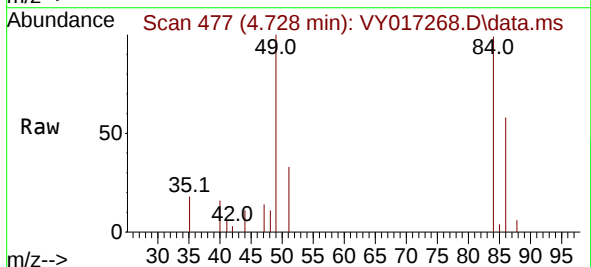
Instrument :
MSVOA_Y
ClientSampleId :
HR-01-020124RE

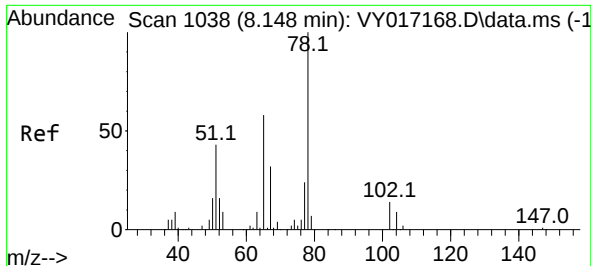
Tgt Ion:168 Resp: 70108
Ion Ratio Lower Upper
168 100
99 56.0 44.2 66.4



#20
Methylene Chloride
Concen: 3.029 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY017268.D
Acq: 06 Feb 2024 16:36

Tgt Ion: 84 Resp: 4765
Ion Ratio Lower Upper
84 100
49 101.4 95.2 142.8
51 33.0 29.9 44.9
86 58.6 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 73.795 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY017268.D

Acq: 06 Feb 2024 16:36

Instrument :

MSVOA_Y

ClientSampleId :

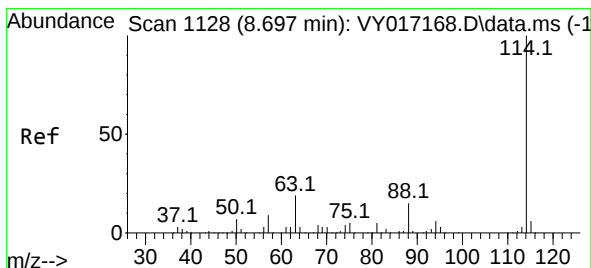
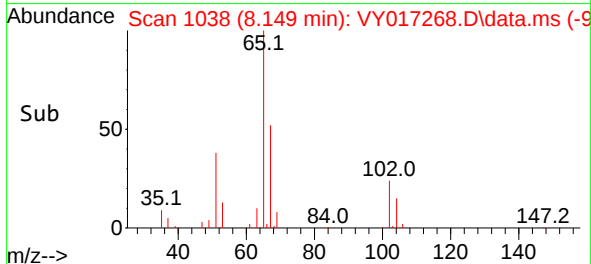
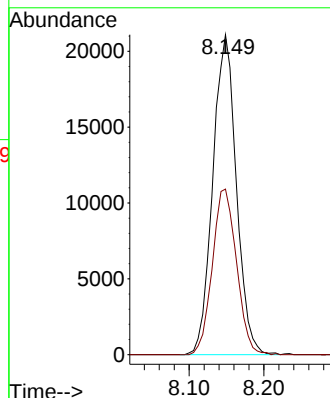
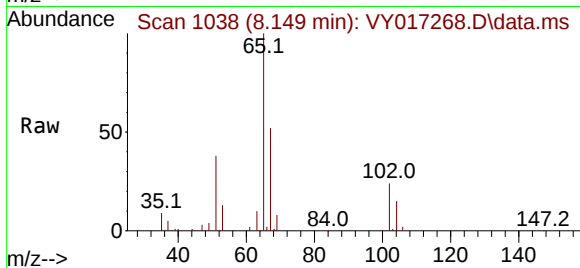
HR-01-020124RE

Tgt Ion: 65 Resp: 46218

Ion Ratio Lower Upper

65 100

67 53.2 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: VY017268.D

Acq: 06 Feb 2024 16:36

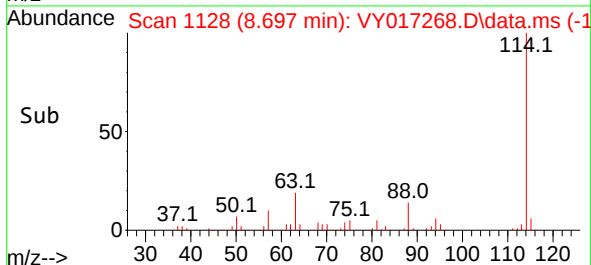
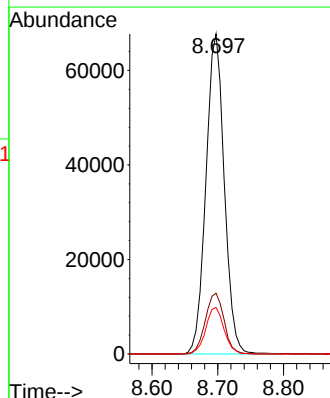
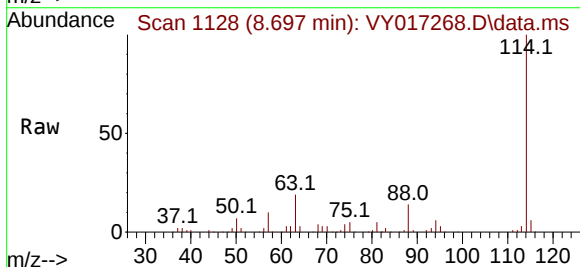
Tgt Ion: 114 Resp: 131309

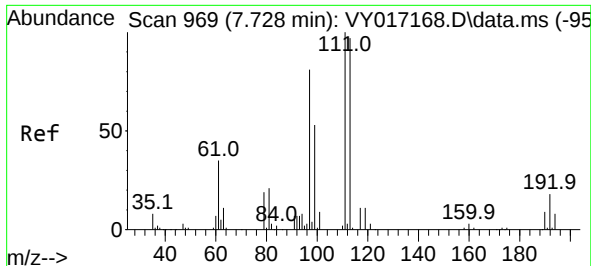
Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.4

88 14.5 0.0 29.0

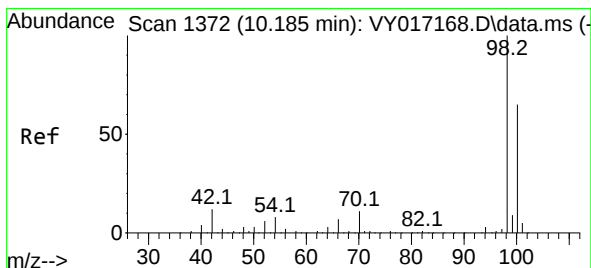
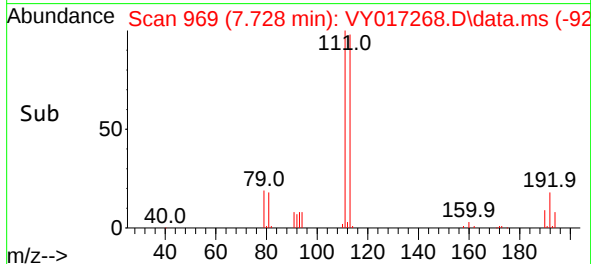
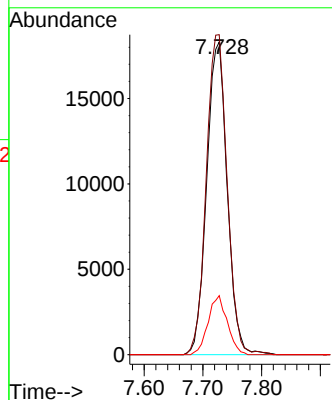
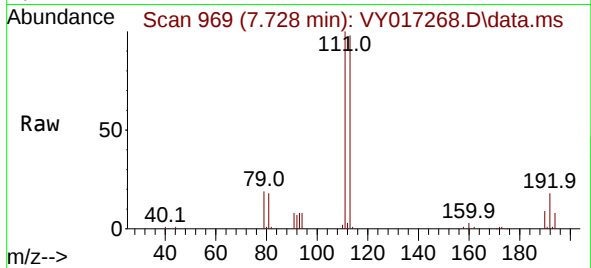




#35
Dibromofluoromethane
Concen: 62.595 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY017268.D
Acq: 06 Feb 2024 16:36

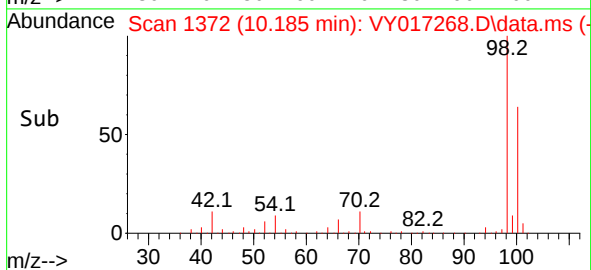
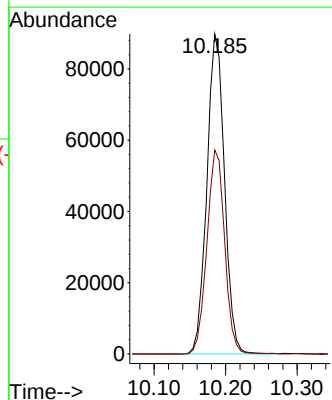
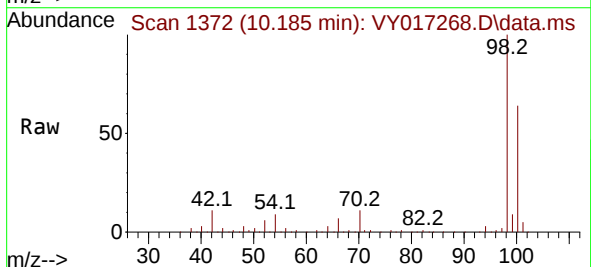
Instrument :
MSVOA_Y
ClientSampleId :
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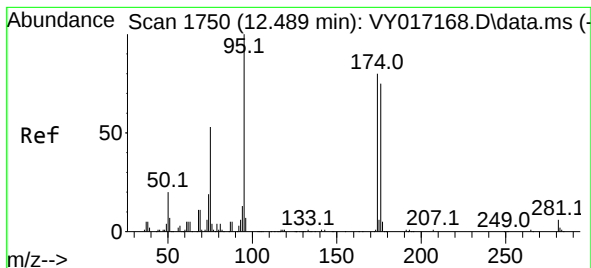
Tgt Ion:113 Resp: 44379
Ion Ratio Lower Upper
113 100
111 104.0 83.8 125.6
192 17.7 14.5 21.7



#50
Toluene-d8
Concen: 59.566 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017268.D
Acq: 06 Feb 2024 16:36

Tgt Ion: 98 Resp: 153760
Ion Ratio Lower Upper
98 100
100 64.1 52.3 78.5

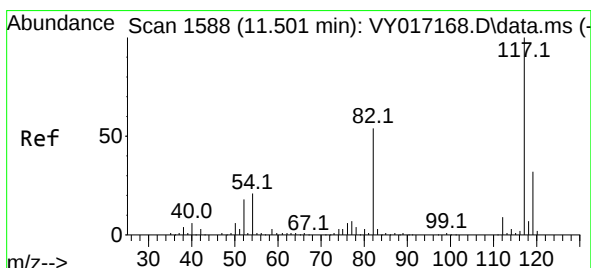
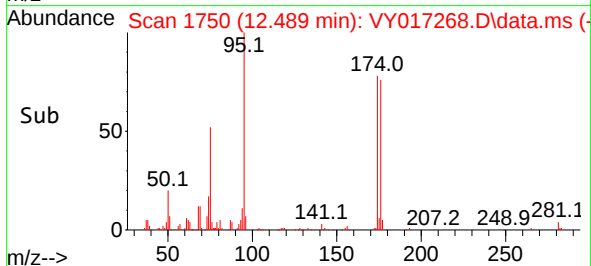
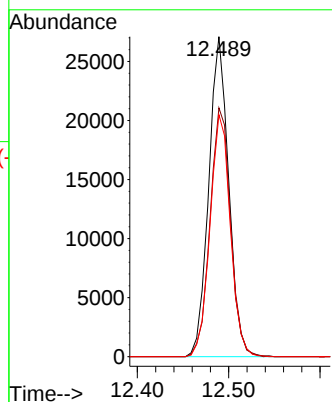
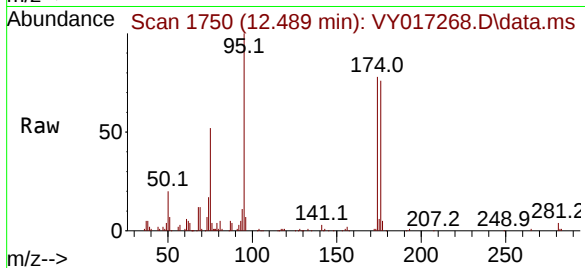




#62
4-Bromofluorobenzene
Concen: 48.407 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017268.D
Acq: 06 Feb 2024 16:36

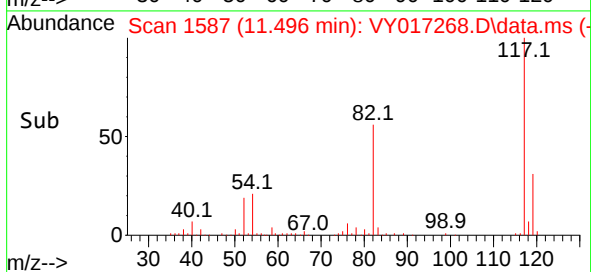
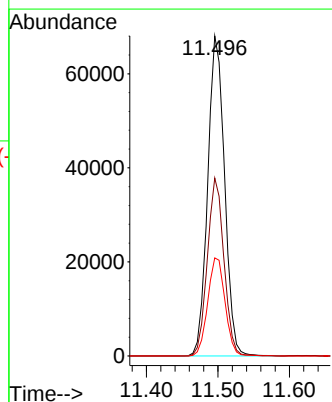
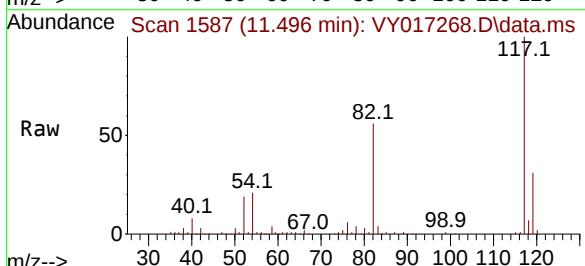
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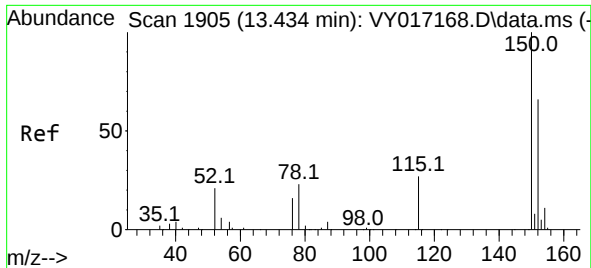
Tgt Ion:	95	Resp:	40933
Ion Ratio	Lower	Upper	
95	100		
174	80.3	0.0	160.0
176	77.1	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY017268.D
Acq: 06 Feb 2024 16:36

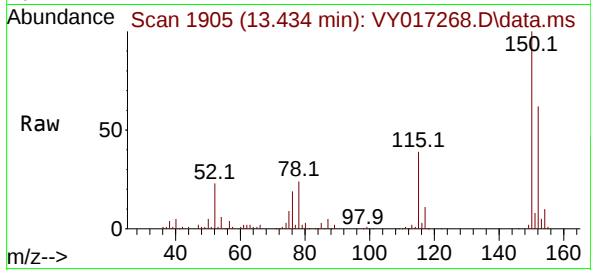
Tgt Ion:	117	Resp:	111433
Ion Ratio	Lower	Upper	
117	100		
82	55.6	43.8	65.8
119	30.6	26.5	39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.000 min
 Lab File: VY017268.D
 Acq: 06 Feb 2024 16:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-01-020124RE



Tgt Ion:152 Resp: 37112
 Ion Ratio Lower Upper
 152 100
 115 59.0 30.0 90.0
 150 155.9 0.0 344.6

