

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080824\
 Data File : VY018939.D
 Acq On : 08 Aug 2024 20:27
 Operator : SY/MD
 Sample : P3520-03
 Misc : 5.61g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-CF-09-080624

Quant Time: Aug 09 05:11:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

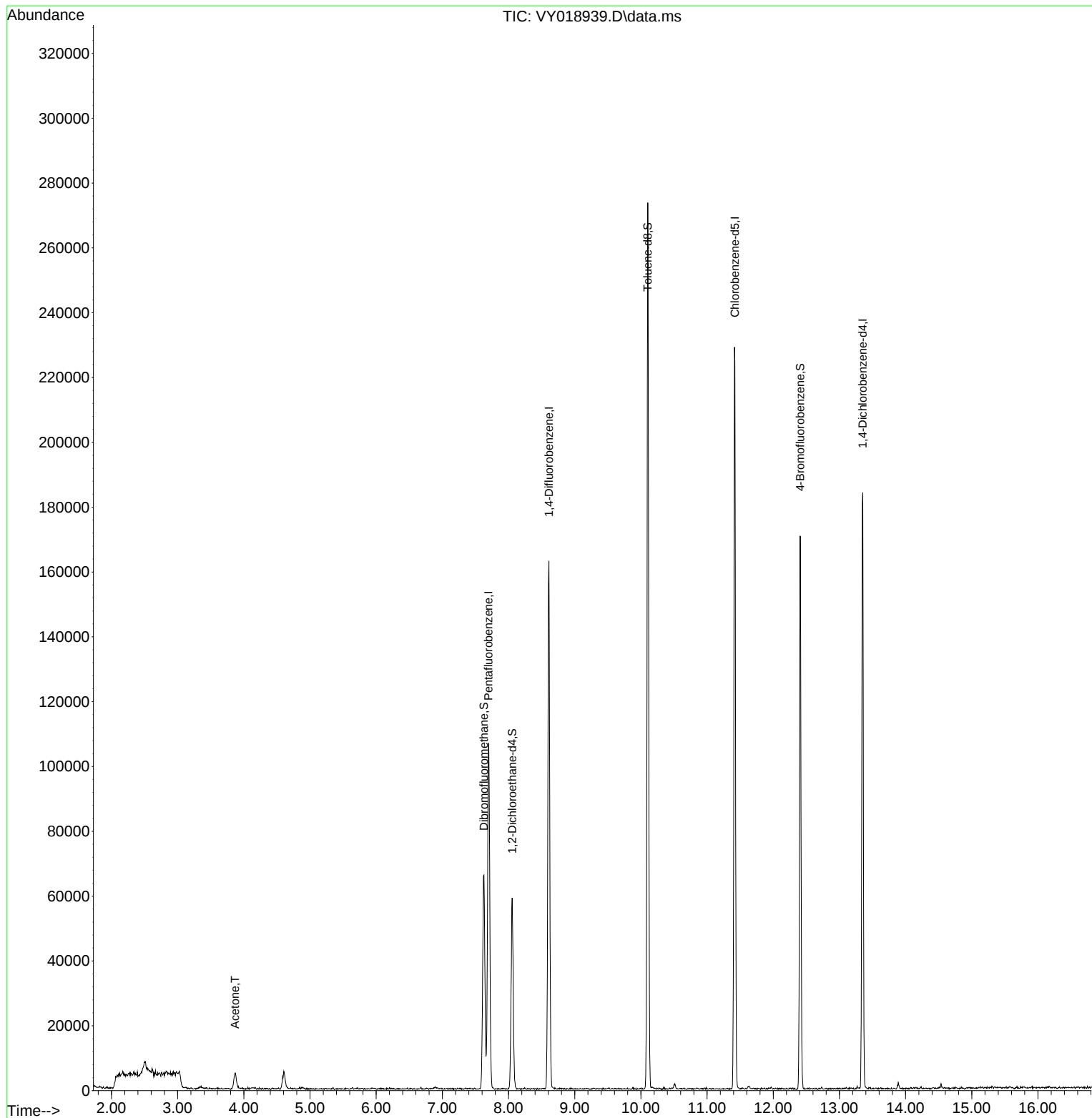
Internal Standards						
1) Pentafluorobenzene	7.695	168	85637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	142192	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	118409	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	44439	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	36873	49.041	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.080%
35) Dibromofluoromethane	7.628	113	43865	48.301	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.600%
50) Toluene-d8	10.103	98	166528	47.739	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.480%
62) 4-Bromofluorobenzene	12.408	95	41898	40.485	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.960%
Target Compounds						
16) Acetone	3.866	43	8606	54.932	ug/l	Qvalue # 83

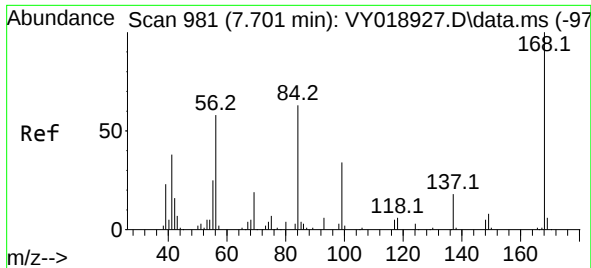
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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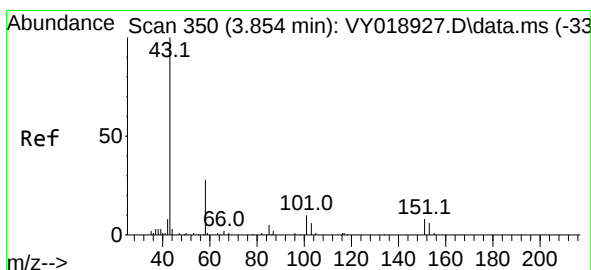
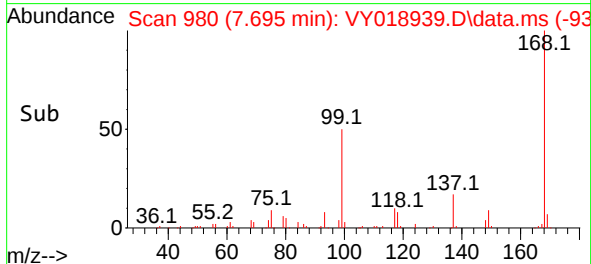
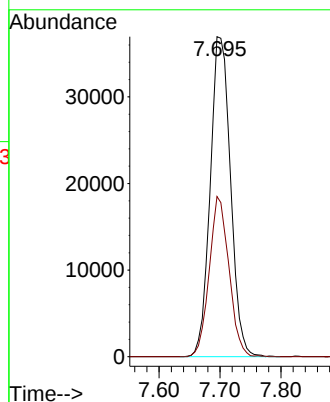
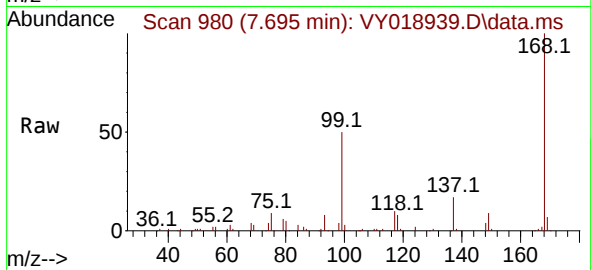




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018939.D
Acq: 08 Aug 2024 20:27

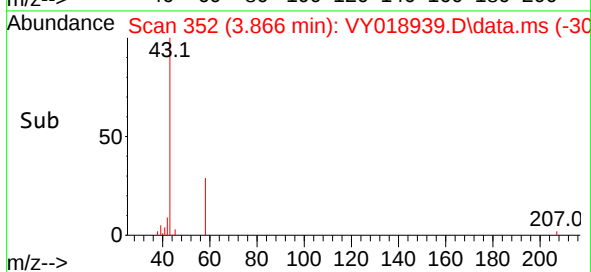
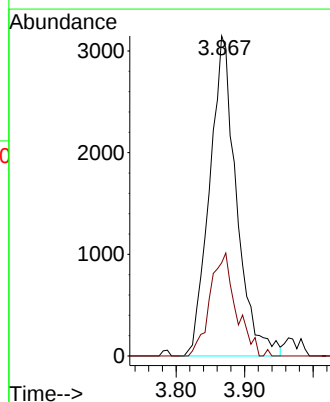
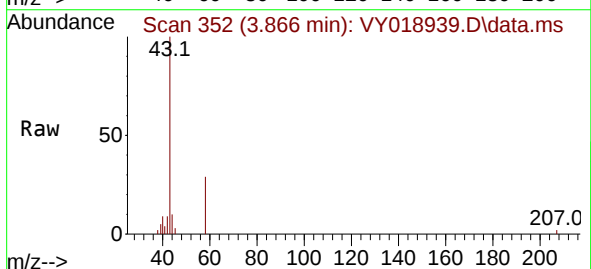
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-09-080624

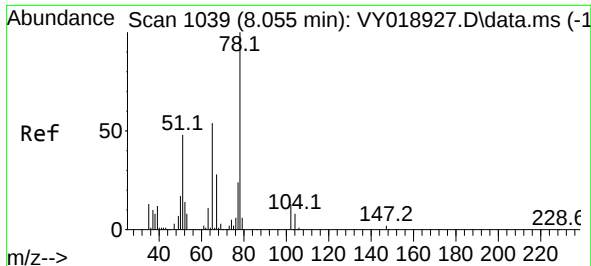
Tgt Ion:168 Resp: 85637
Ion Ratio Lower Upper
168 100
99 50.1 39.1 58.7



#16
Acetone
Concen: 54.932 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY018939.D
Acq: 08 Aug 2024 20:27

Tgt Ion: 43 Resp: 8606
Ion Ratio Lower Upper
43 100
58 29.1 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 49.041 ug/l

RT: 8.055 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY018939.D

Acq: 08 Aug 2024 20:27

Instrument :

MSVOA_Y

ClientSampleId :

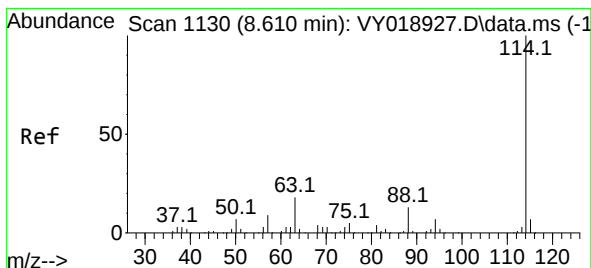
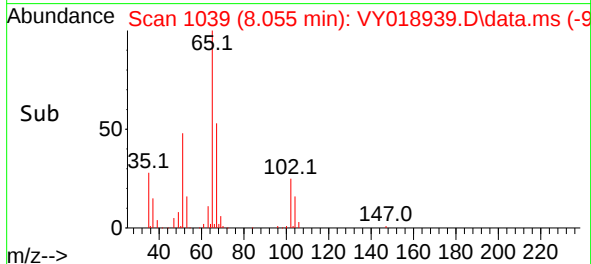
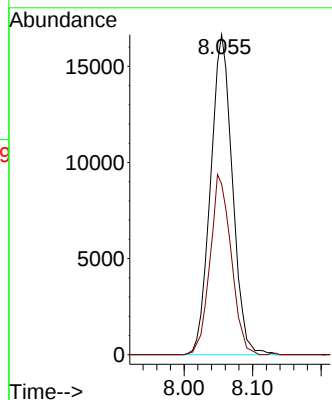
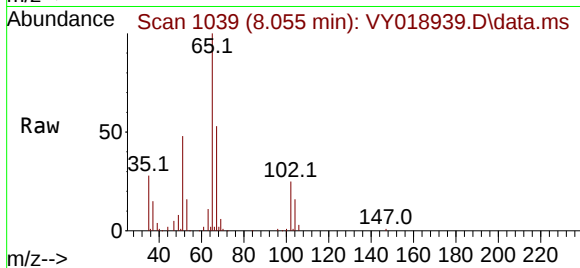
OU4-CF-09-080624

Tgt Ion: 65 Resp: 36873

Ion Ratio Lower Upper

65 100

67 54.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY018939.D

Acq: 08 Aug 2024 20:27

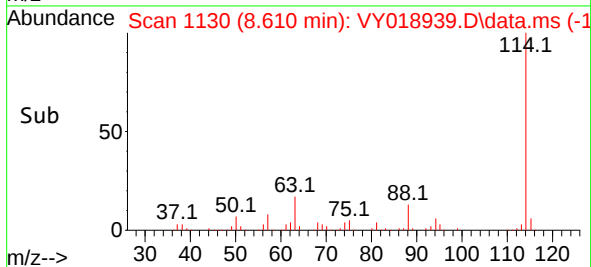
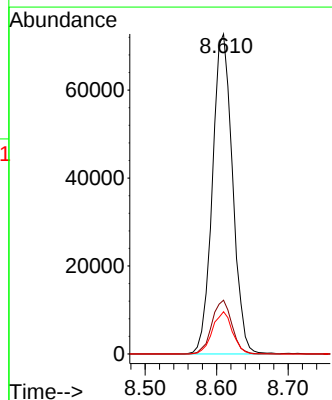
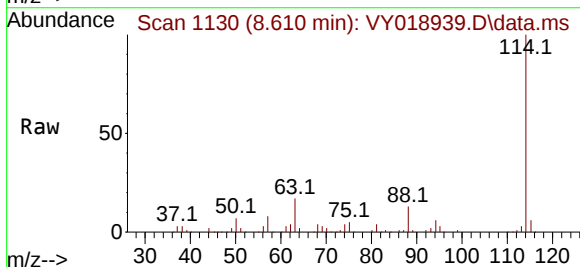
Tgt Ion: 114 Resp: 142192

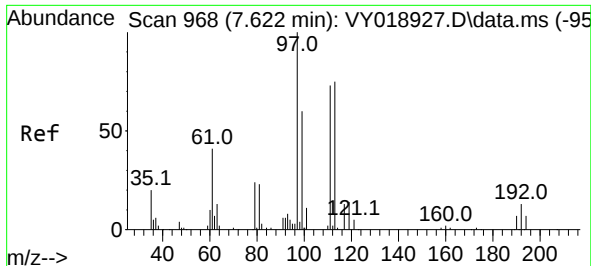
Ion Ratio Lower Upper

114 100

63 16.8 0.0 35.0

88 13.2 0.0 27.2

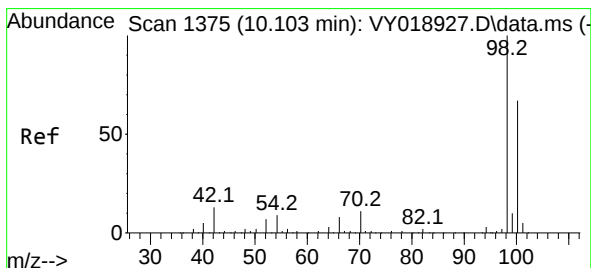
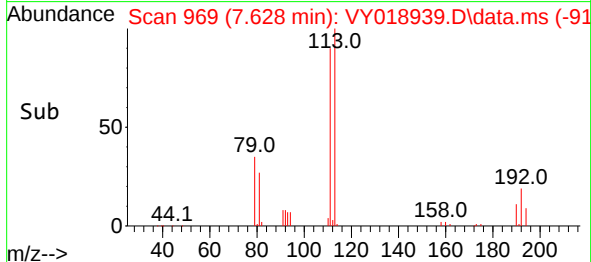
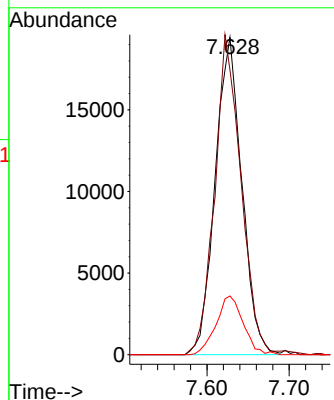
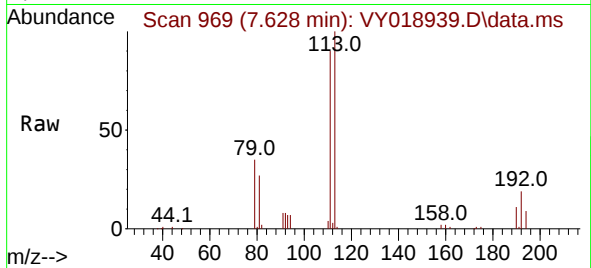




#35
Dibromofluoromethane
Concen: 48.301 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY018939.D
Acq: 08 Aug 2024 20:27

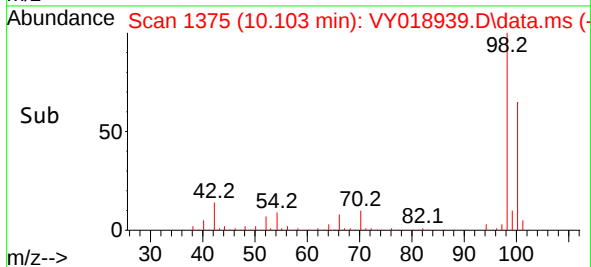
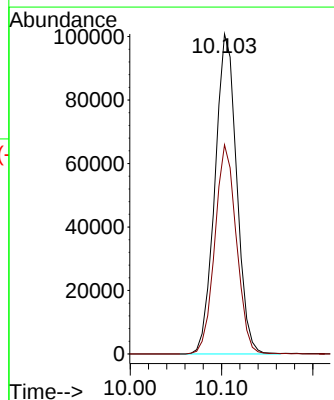
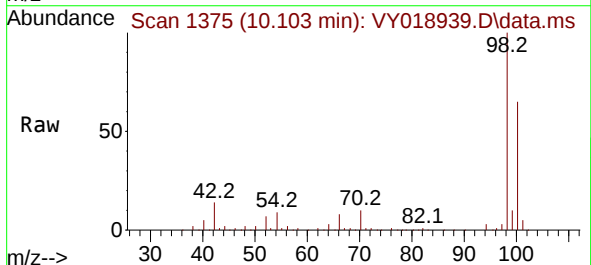
Instrument :
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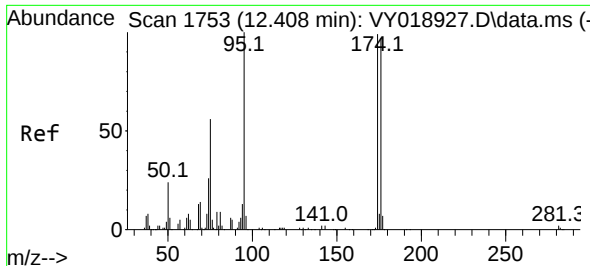
Tgt Ion:113 Resp: 43865
Ion Ratio Lower Upper
113 100
111 99.1 82.2 123.4
192 18.8 15.9 23.9



#50
Toluene-d8
Concen: 47.739 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY018939.D
Acq: 08 Aug 2024 20:27

Tgt Ion: 98 Resp: 166528
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0

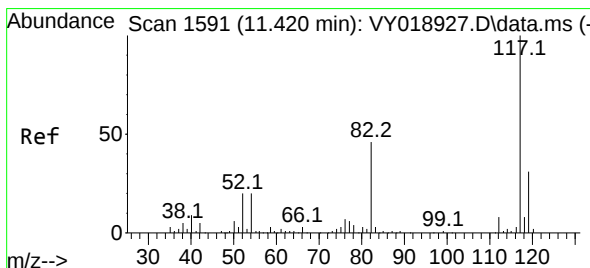
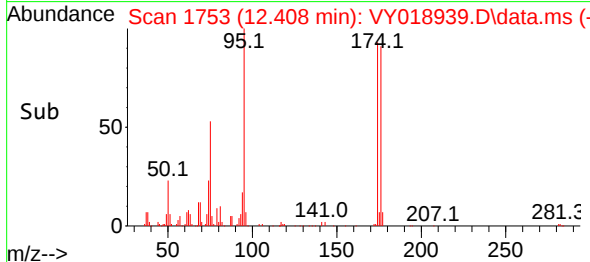
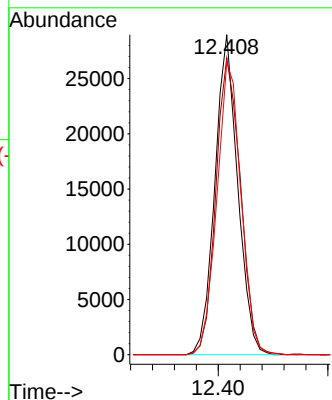
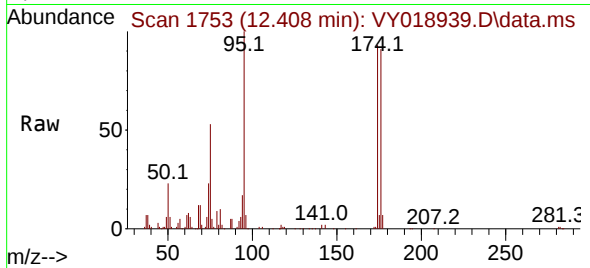




#62
4-Bromofluorobenzene
Concen: 40.485 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY018939.D
Acq: 08 Aug 2024 20:27

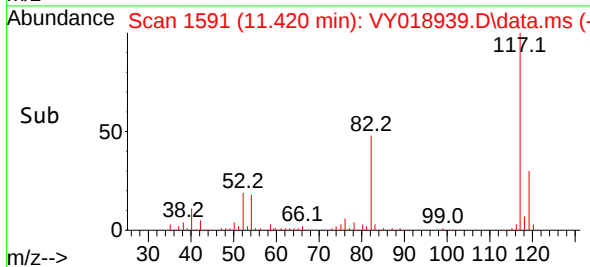
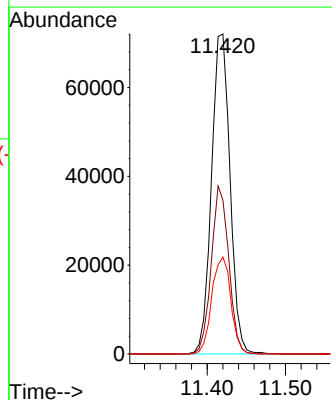
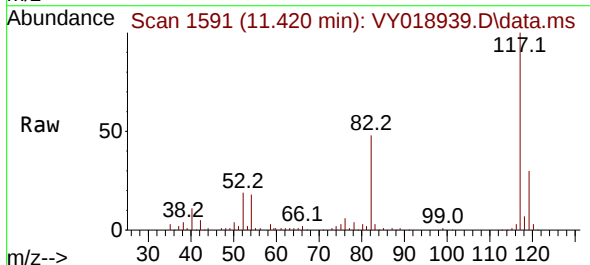
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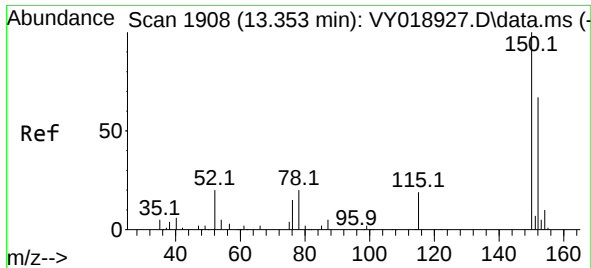
Tgt Ion:	95	Resp:	41898
Ion	Ratio	Lower	Upper
95	100		
174	99.8	0.0	175.6
176	96.7	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY018939.D
Acq: 08 Aug 2024 20:27

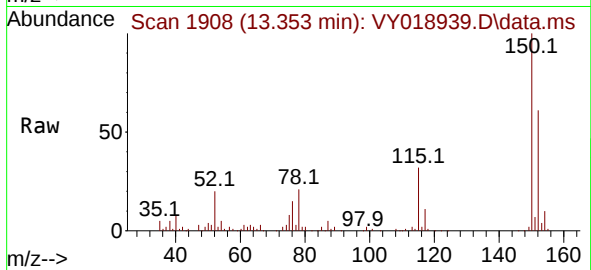
Tgt Ion:	117	Resp:	118409
Ion	Ratio	Lower	Upper
117	100		
82	48.0	42.4	63.6
119	30.3	25.9	38.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY018939.D
Acq: 08 Aug 2024 20:27

Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-09-080624



Tgt Ion:	152	Resp:	44439
Ion	Ratio	Lower	Upper
152	100		
115	55.4	28.2	84.7
150	159.5	0.0	345.6

