

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080824\
 Data File : VY018944.D
 Acq On : 08 Aug 2024 22:28
 Operator : SY/MD
 Sample : P3520-13
 Misc : 5.86g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-CF-14-080624

Quant Time: Aug 09 05:12:53 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)

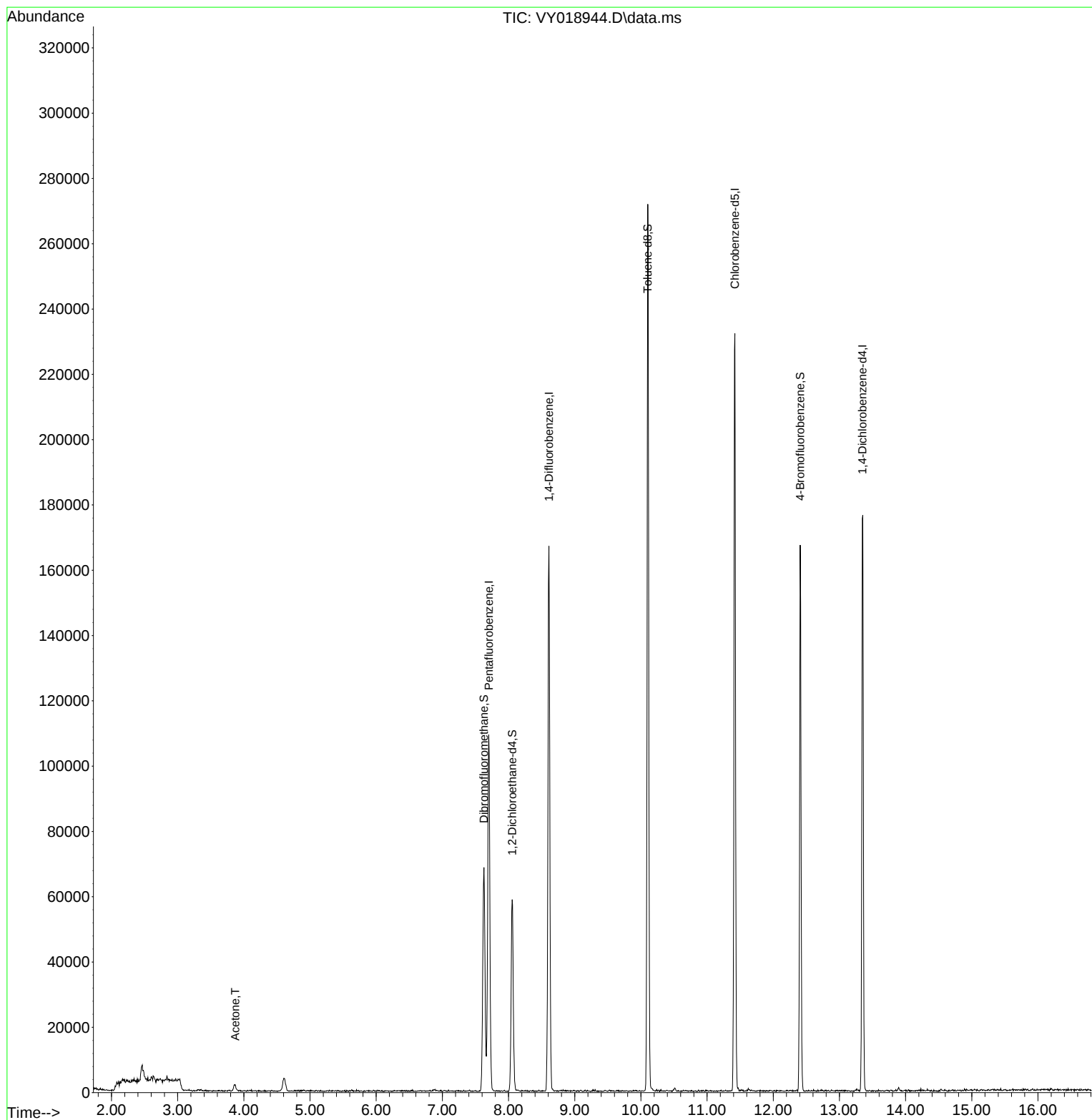
Internal Standards						
1) Pentafluorobenzene	7.701	168	89071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	143509	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	118716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	43753	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	38382	49.080	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.160%
35) Dibromofluoromethane	7.628	113	44094	48.107	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.220%
50) Toluene-d8	10.103	98	166081	47.174	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.340%
62) 4-Bromofluorobenzene	12.408	95	42563	40.750	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.500%
Target Compounds						
16) Acetone	3.873	43	2916	26.252	ug/l	Qvalue # 82

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

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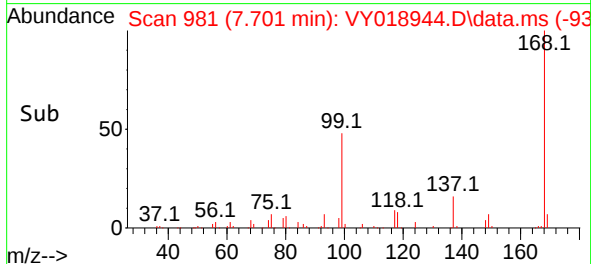
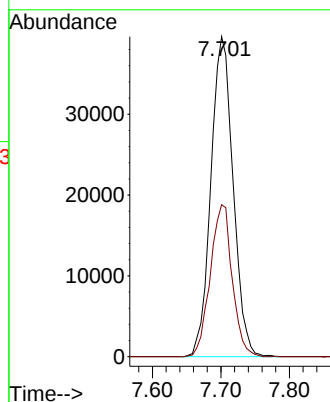
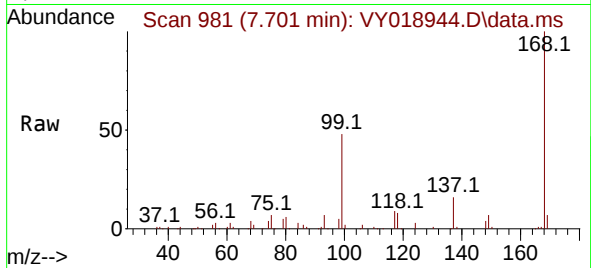




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY018944.D
Acq: 08 Aug 2024 22:28

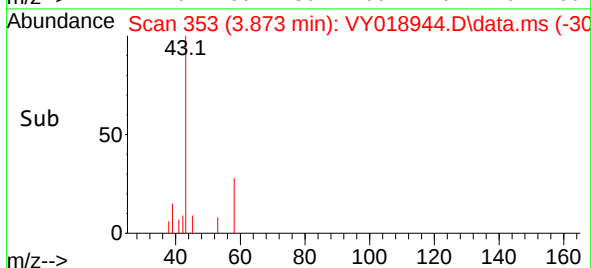
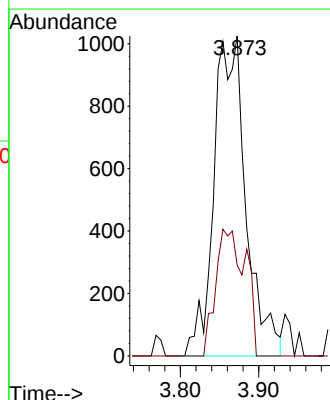
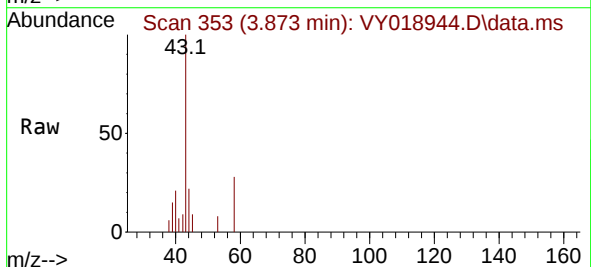
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-14-080624

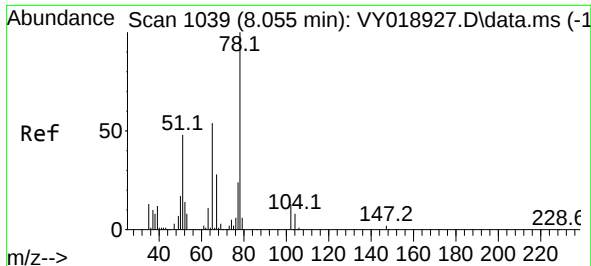
Tgt Ion:168 Resp: 89071
Ion Ratio Lower Upper
168 100
99 47.5 39.1 58.7



#16
Acetone
Concen: 26.252 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.018 min
Lab File: VY018944.D
Acq: 08 Aug 2024 22:28

Tgt Ion: 43 Resp: 2916
Ion Ratio Lower Upper
43 100
58 28.4 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 49.080 ug/l

RT: 8.055 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY018944.D

Acq: 08 Aug 2024 22:28

Instrument :

MSVOA_Y

ClientSampleId :

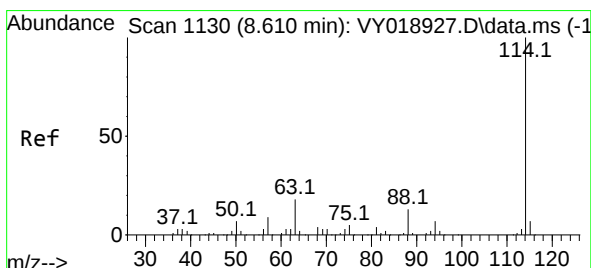
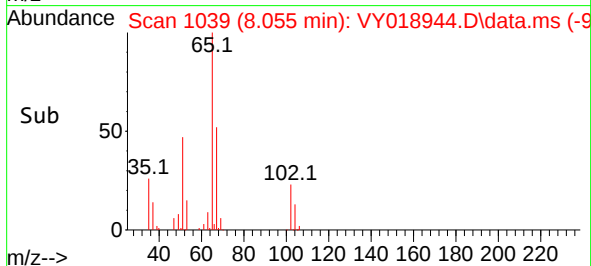
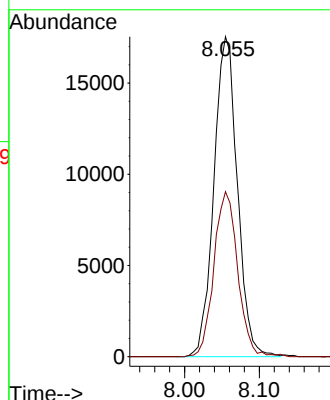
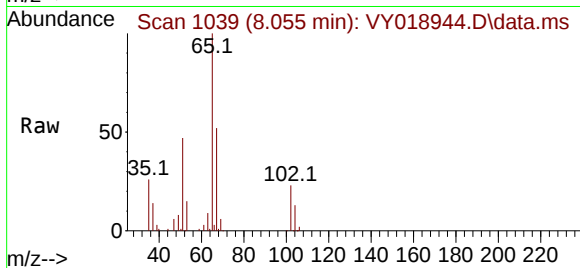
OU4-CF-14-080624

Tgt Ion: 65 Resp: 38382

Ion Ratio Lower Upper

65 100

67 52.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VY018944.D

Acq: 08 Aug 2024 22:28

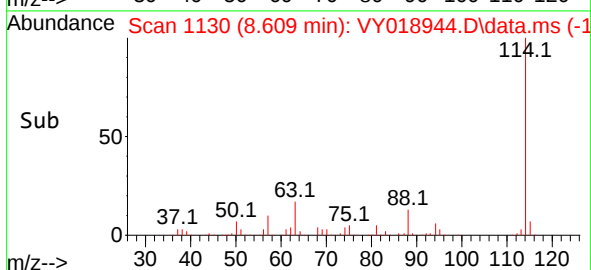
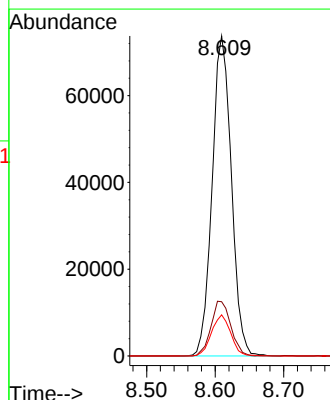
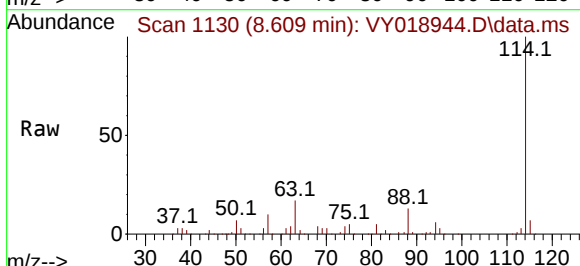
Tgt Ion: 114 Resp: 143509

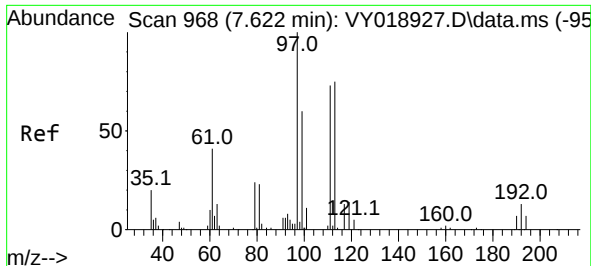
Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.0

88 12.8 0.0 27.2

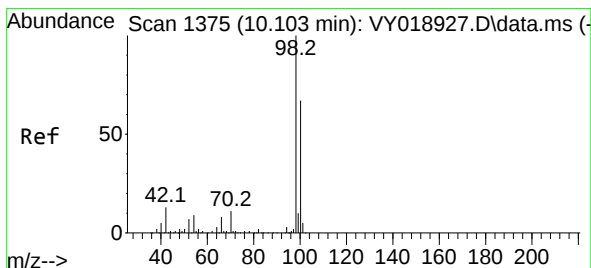
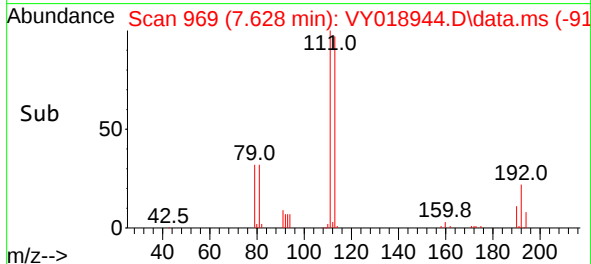
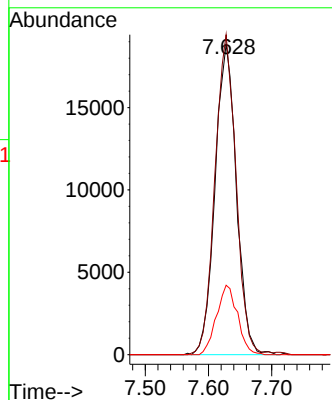
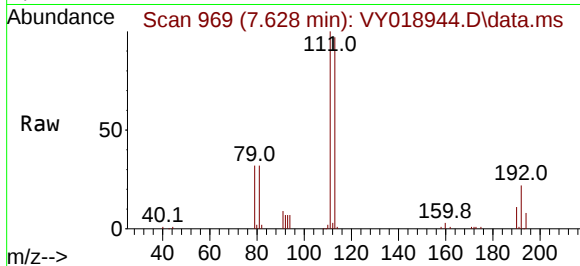




#35
Dibromofluoromethane
Concen: 48.107 ug/l
RT: 7.628 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018944.D
Acq: 08 Aug 2024 22:28

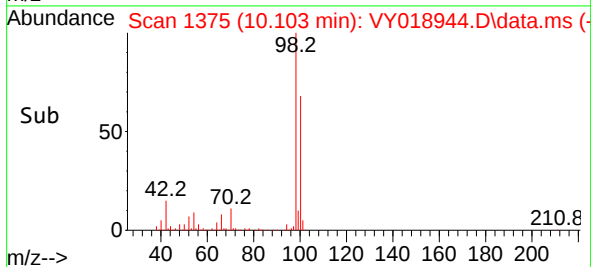
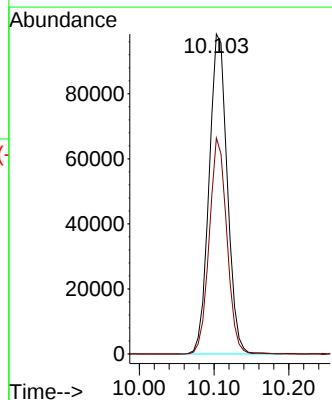
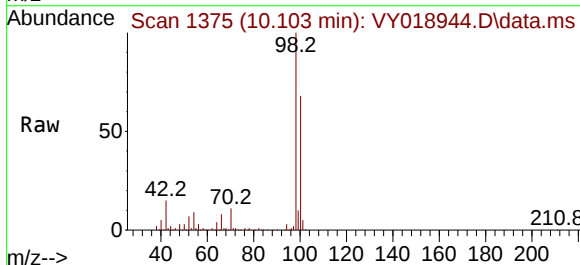
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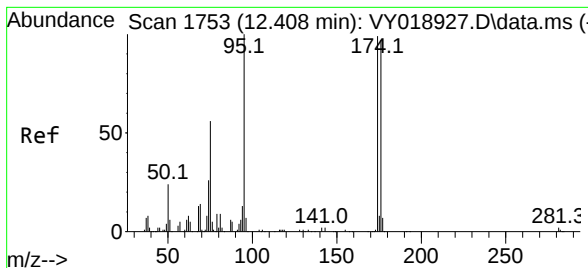
Tgt Ion:113 Resp: 44094
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 22.0 15.9 23.9



#50
Toluene-d8
Concen: 47.174 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY018944.D
Acq: 08 Aug 2024 22:28

Tgt Ion: 98 Resp: 166081
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0

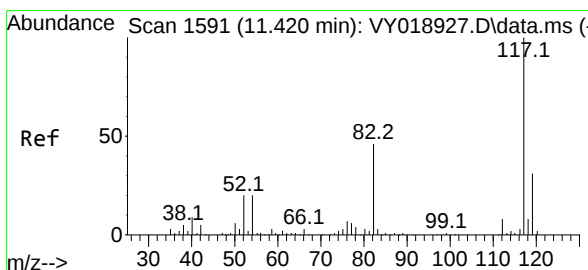
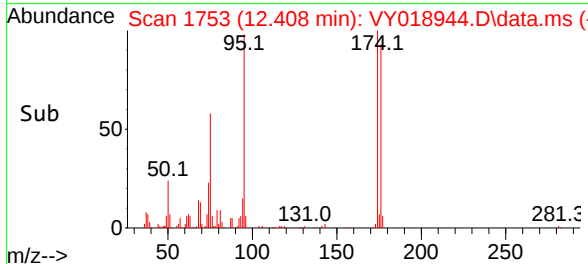
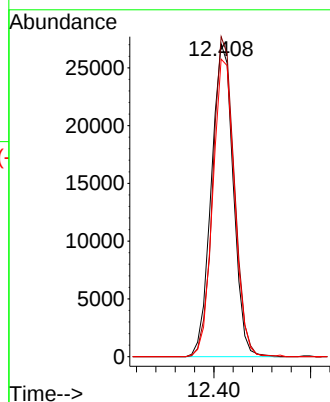
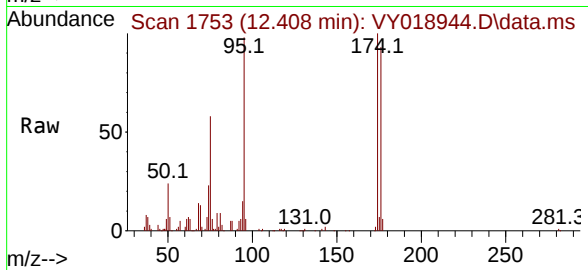




#62
4-Bromofluorobenzene
Concen: 40.750 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY018944.D
Acq: 08 Aug 2024 22:28

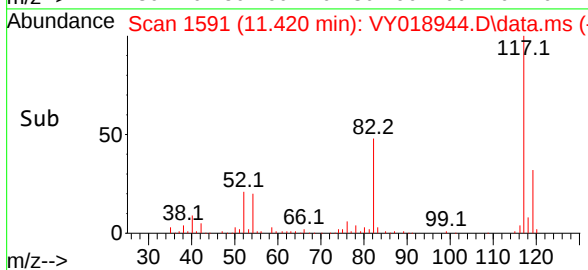
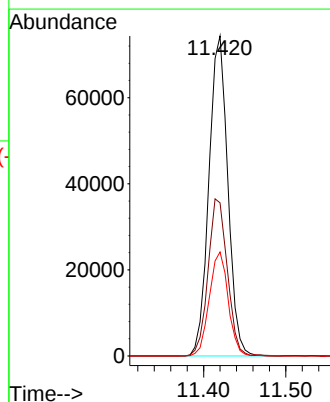
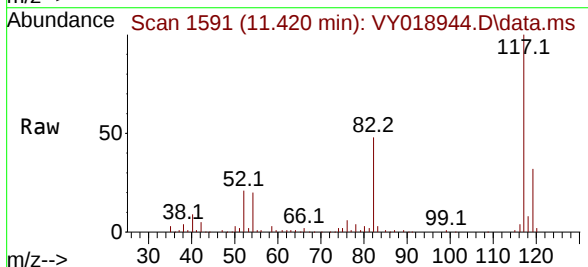
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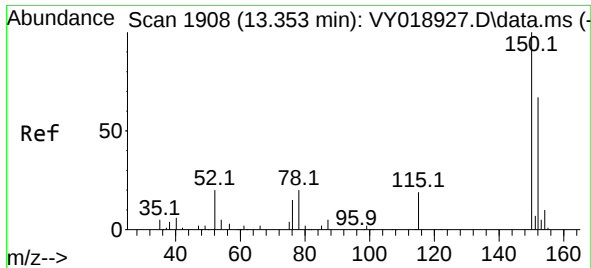
Tgt Ion:	95	Resp:	42563
Ion	Ratio	Lower	Upper
95	100		
174	100.3	0.0	175.6
176	94.5	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY018944.D
Acq: 08 Aug 2024 22:28

Tgt Ion:	117	Resp:	118716
Ion	Ratio	Lower	Upper
117	100		
82	47.8	42.4	63.6
119	32.5	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY018944.D

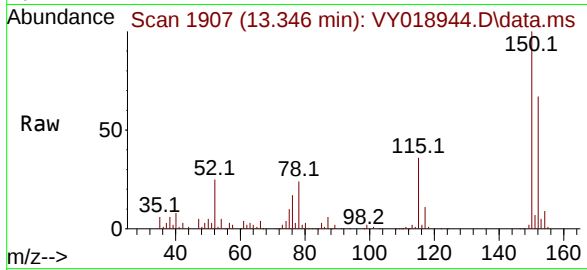
Acq: 08 Aug 2024 22:28

Instrument :

MSVOA_Y

ClientSampleId :

OU4-CF-14-080624



Tgt Ion:152 Resp: 43753

Ion Ratio Lower Upper

152 100

115 53.3 28.2 84.7

150 157.3 0.0 345.6

