

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080824\
 Data File : VY018941.D
 Acq On : 08 Aug 2024 21:15
 Operator : SY/MD
 Sample : P3520-07
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-CF-11-080624

Quant Time: Aug 09 05:11:50 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)

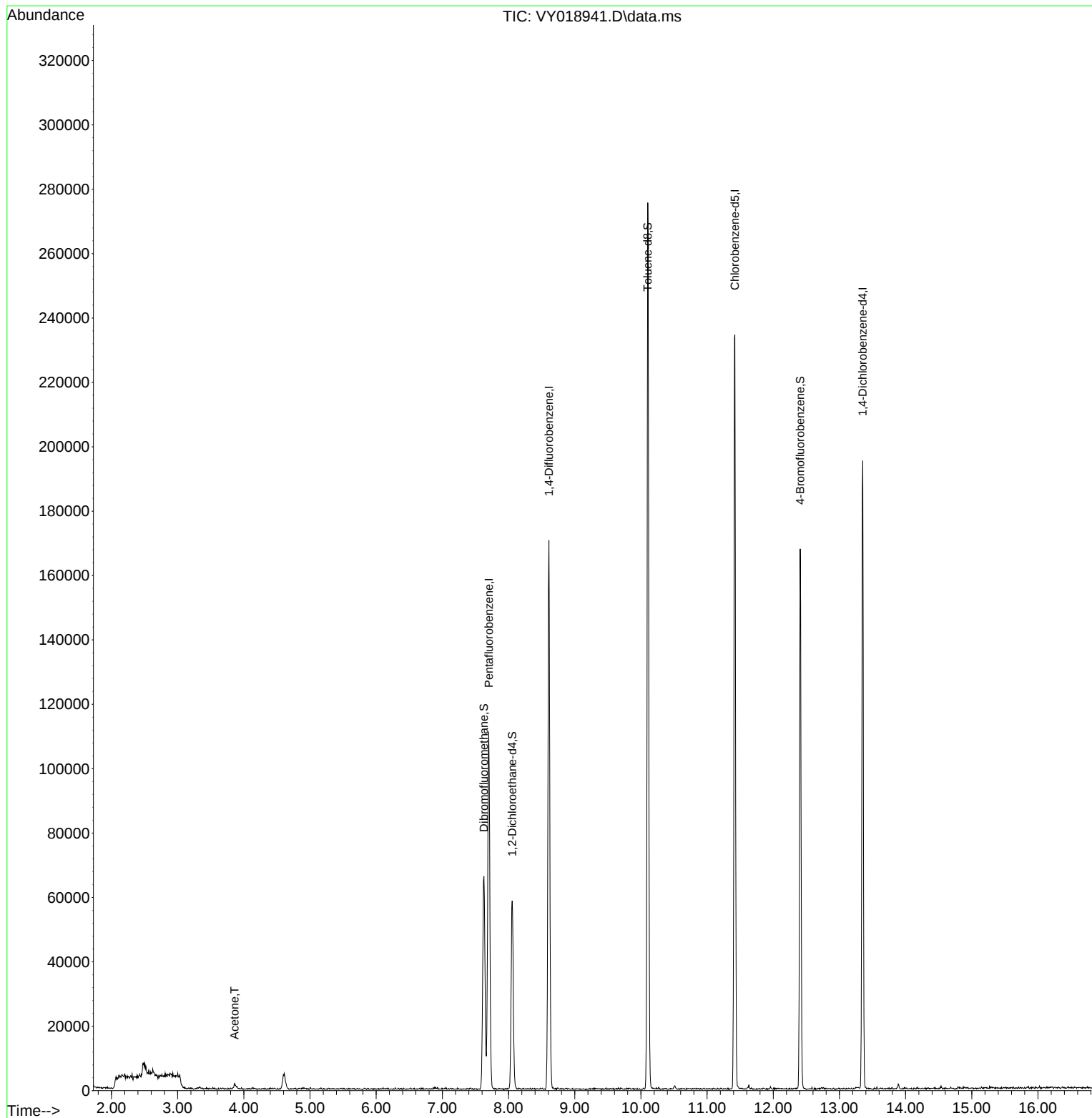
Internal Standards						
1) Pentafluorobenzene	7.701	168	89679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	143484	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	117852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	45754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	37808	48.018	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.040%
35) Dibromofluoromethane	7.628	113	44189	48.219	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.440%
50) Toluene-d8	10.103	98	168958	48.000	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.000%
62) 4-Bromofluorobenzene	12.408	95	42317	40.522	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.040%
Target Compounds						
16) Acetone	3.860	43	2760	25.428	ug/l	Qvalue # 70

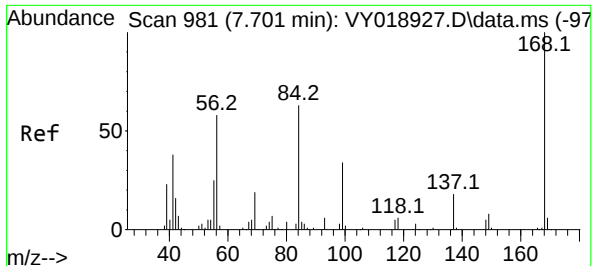
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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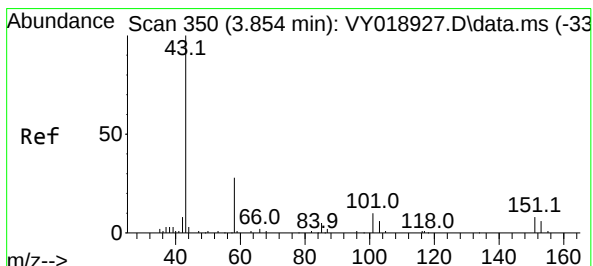
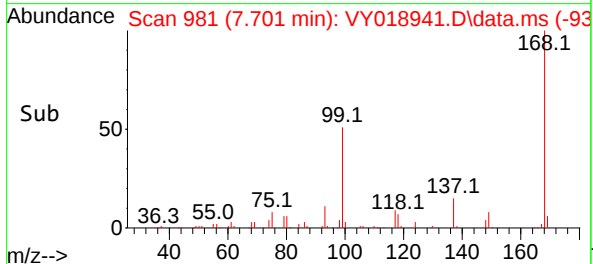
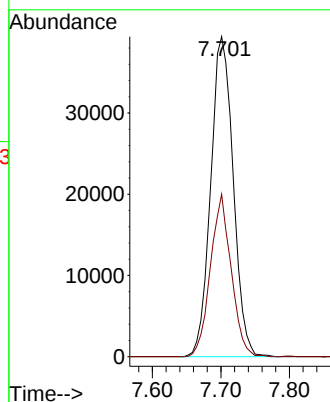
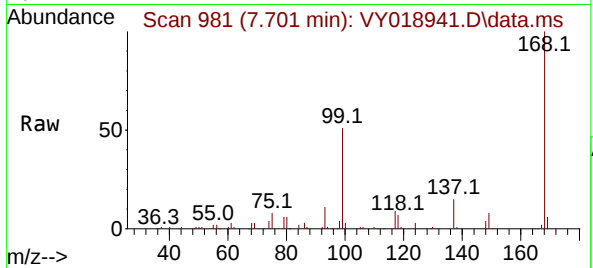




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018941.D
Acq: 08 Aug 2024 21:15

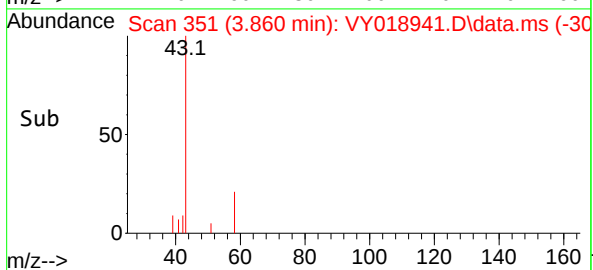
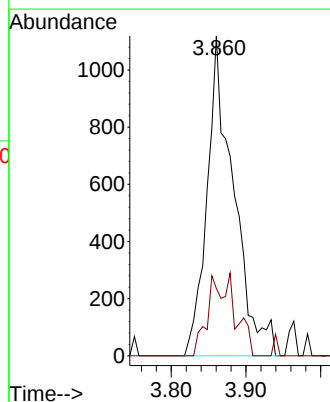
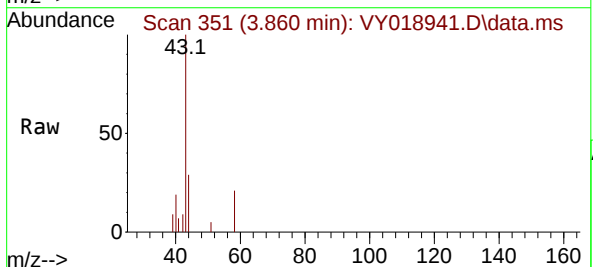
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-11-080624

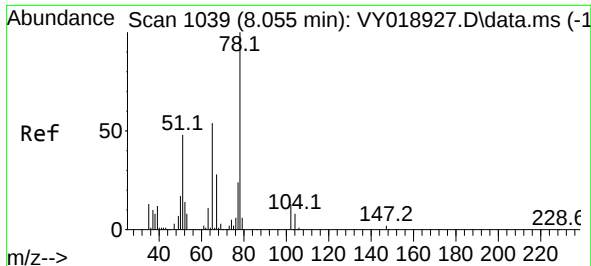
Tgt Ion:168 Resp: 89679
Ion Ratio Lower Upper
168 100
99 50.7 39.1 58.7



#16
Acetone
Concen: 25.428 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY018941.D
Acq: 08 Aug 2024 21:15

Tgt Ion: 43 Resp: 2760
Ion Ratio Lower Upper
43 100
58 21.1 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 48.018 ug/l

RT: 8.055 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY018941.D

Acq: 08 Aug 2024 21:15

Instrument :

MSVOA_Y

ClientSampleId :

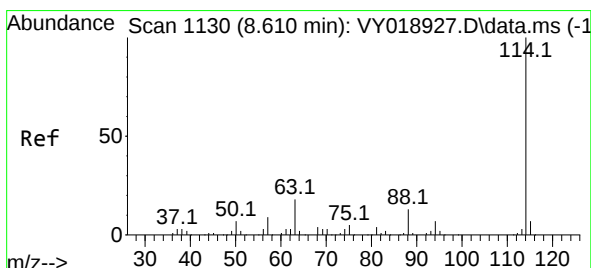
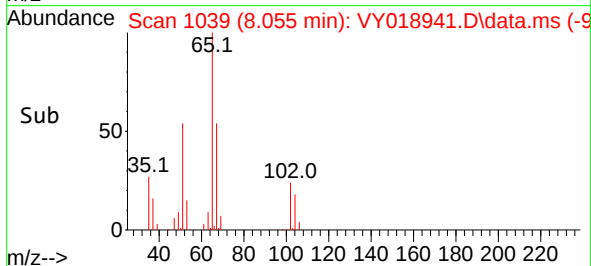
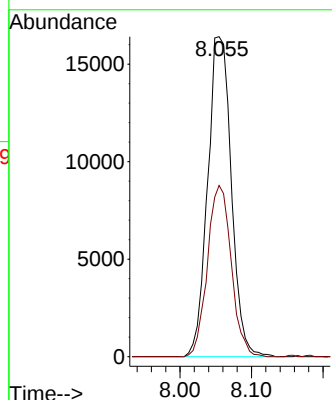
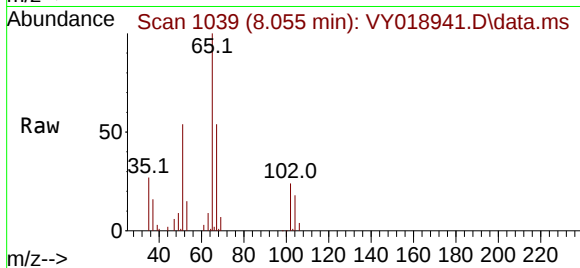
OU4-CF-11-080624

Tgt Ion: 65 Resp: 37808

Ion Ratio Lower Upper

65 100

67 53.6 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: VY018941.D

Acq: 08 Aug 2024 21:15

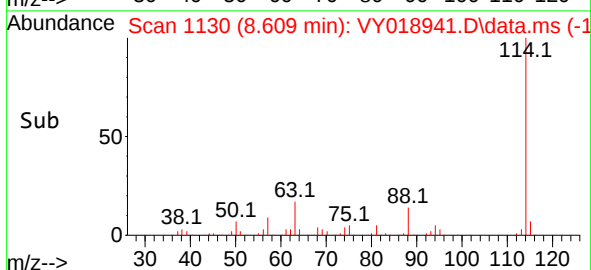
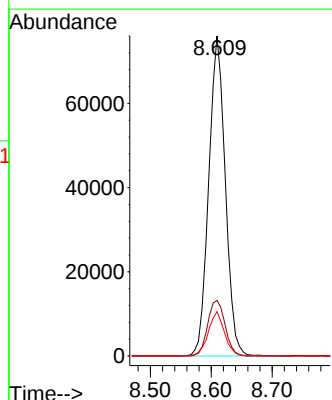
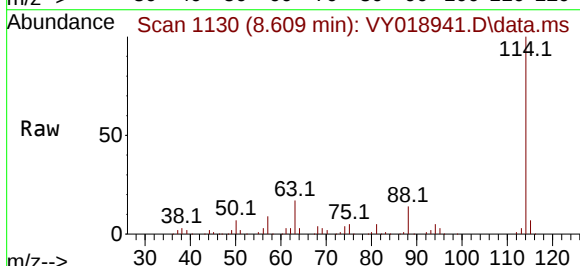
Tgt Ion: 114 Resp: 143484

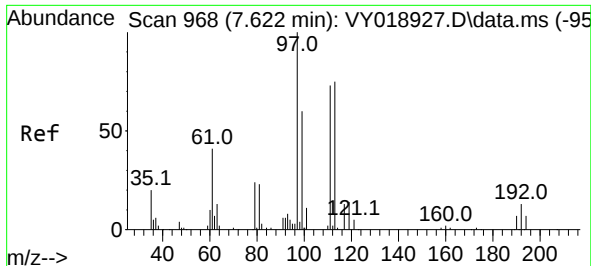
Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.0

88 13.9 0.0 27.2

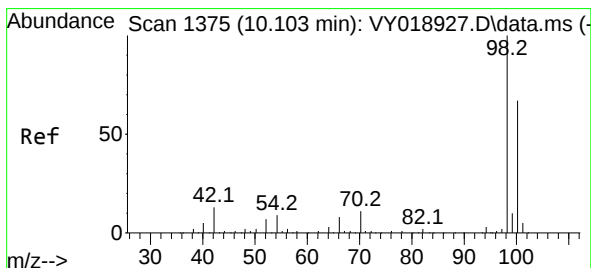
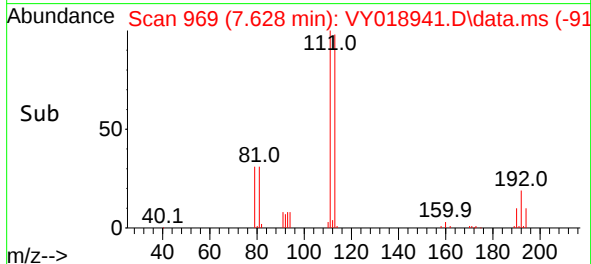
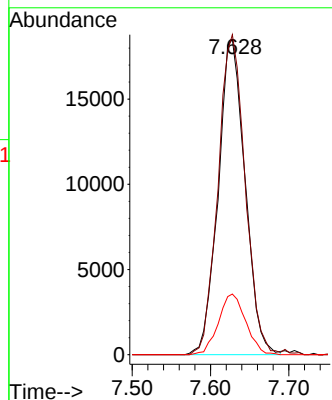
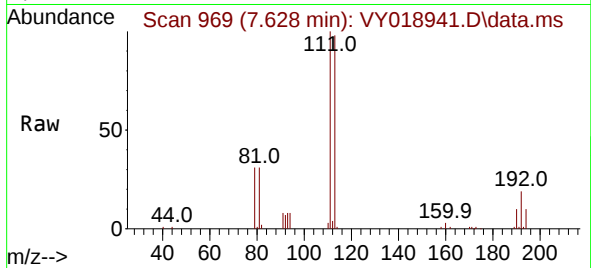




#35
Dibromofluoromethane
Concen: 48.219 ug/l
RT: 7.628 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY018941.D
Acq: 08 Aug 2024 21:15

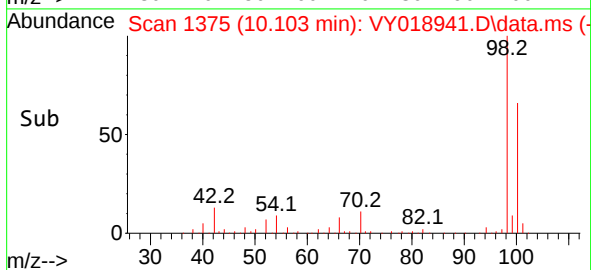
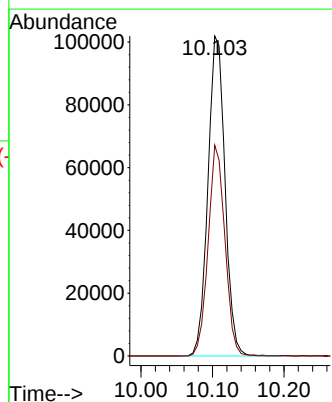
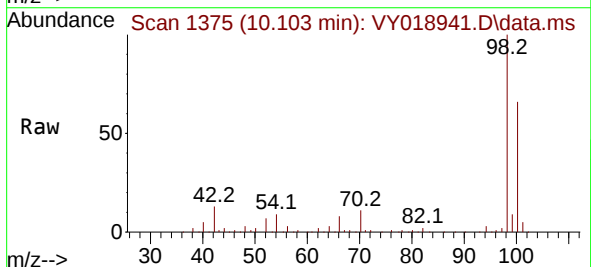
Instrument :
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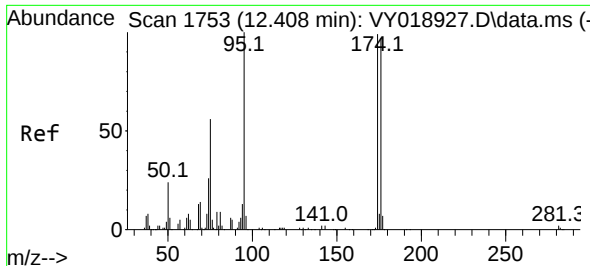
Tgt Ion:113 Resp: 44189
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 19.5 15.9 23.9



#50
Toluene-d8
Concen: 48.000 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY018941.D
Acq: 08 Aug 2024 21:15

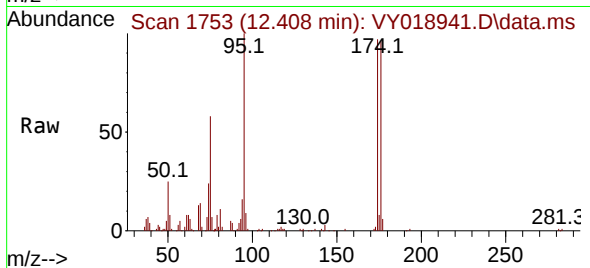
Tgt Ion: 98 Resp: 168958
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



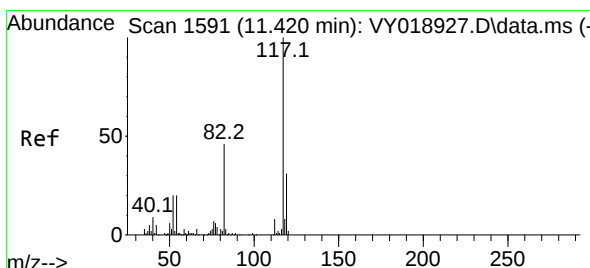
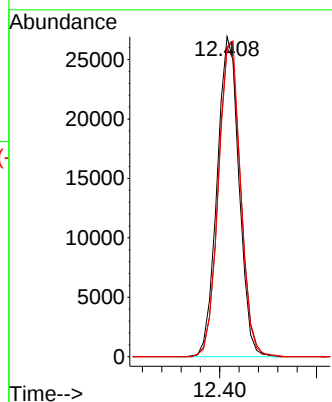
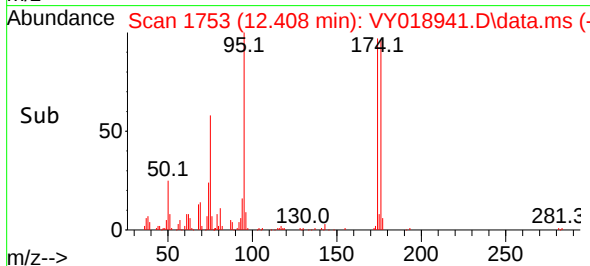


#62
4-Bromofluorobenzene
Concen: 40.522 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY018941.D
Acq: 08 Aug 2024 21:15

Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-11-080624

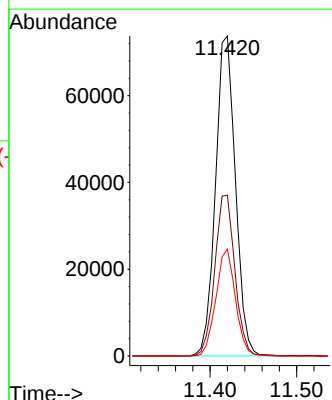
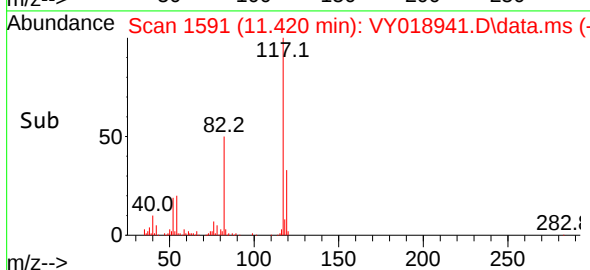
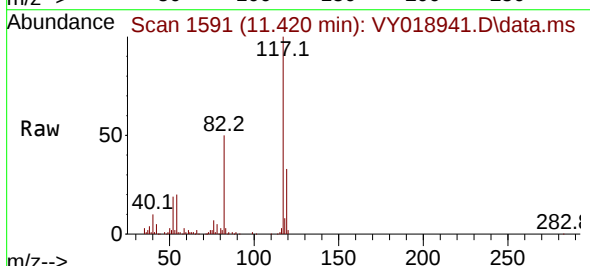


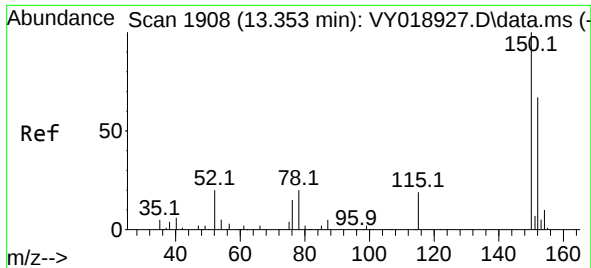
Tgt Ion: 95 Resp: 42317
Ion Ratio Lower Upper
95 100
174 98.6 0.0 175.6
176 98.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY018941.D
Acq: 08 Aug 2024 21:15

Tgt Ion: 117 Resp: 117852
Ion Ratio Lower Upper
117 100
82 50.3 42.4 63.6
119 33.4 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: VY018941.D

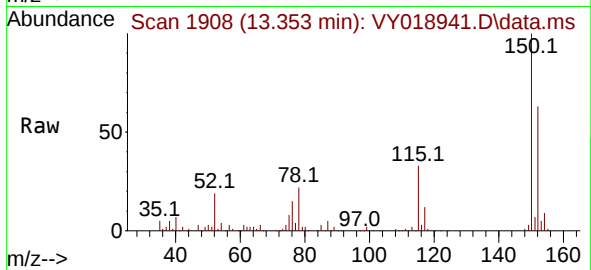
Acq: 08 Aug 2024 21:15

Instrument :

MSVOA_Y

ClientSampleId :

OU4-CF-11-080624



Tgt Ion:152 Resp: 45754

Ion Ratio Lower Upper

152 100

115 53.7 28.2 84.7

150 162.0 0.0 345.6

