

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080824\
 Data File : VY018943.D
 Acq On : 08 Aug 2024 22:04
 Operator : SY/MD
 Sample : P3520-11
 Misc : 6.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-CF-13-080624

Quant Time: Aug 09 05:12:32 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)

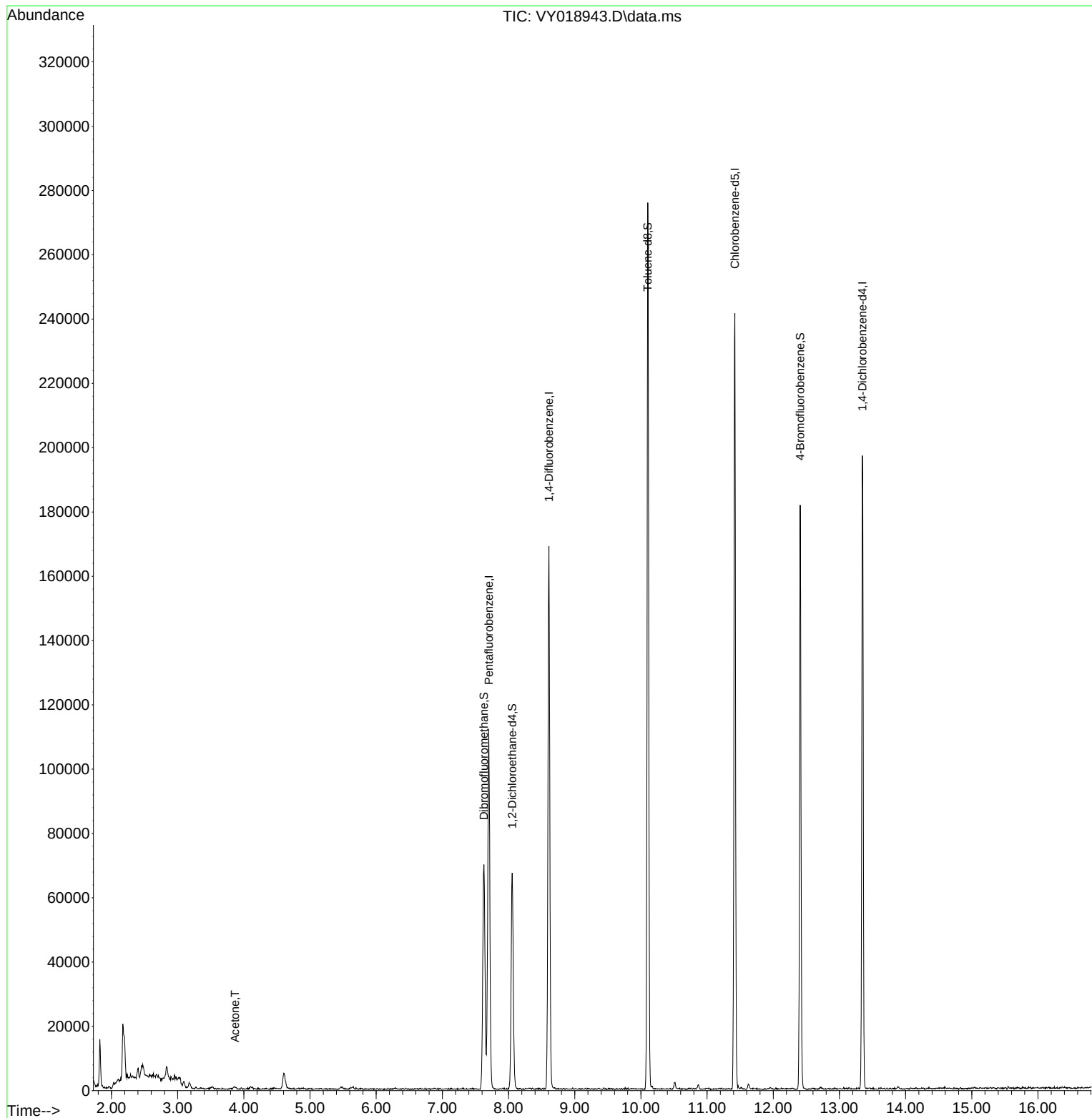
Internal Standards						
1) Pentafluorobenzene	7.701	168	87004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	143321	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	121167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	46850	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	42415	55.525	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.060%
35) Dibromofluoromethane	7.628	113	45881	50.123	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.240%
50) Toluene-d8	10.103	98	168696	47.980	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.960%
62) 4-Bromofluorobenzene	12.407	95	43601	41.799	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.600%
Target Compounds						
16) Acetone	3.866	43	1071	17.678	ug/l	Qvalue # 78

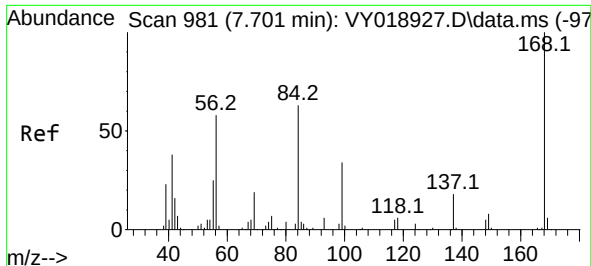
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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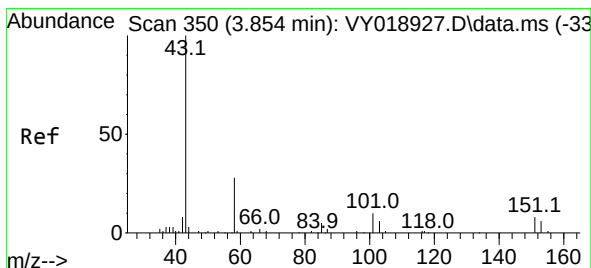
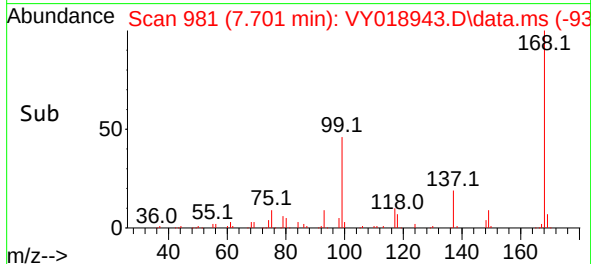
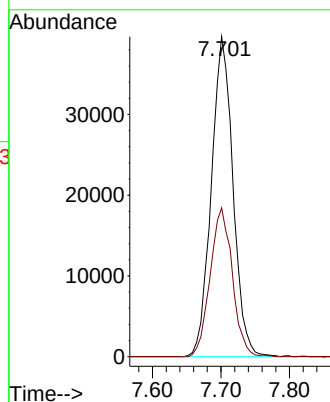
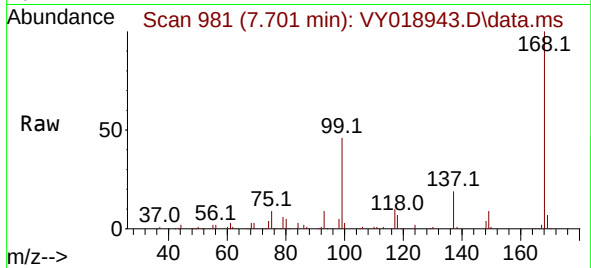




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY018943.D
Acq: 08 Aug 2024 22:04

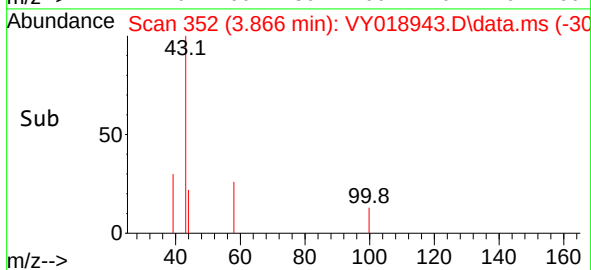
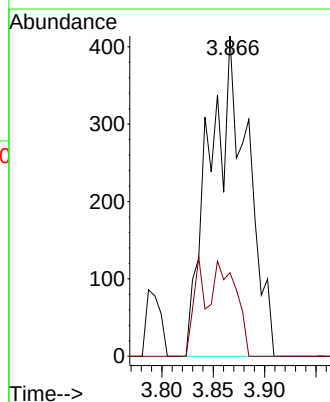
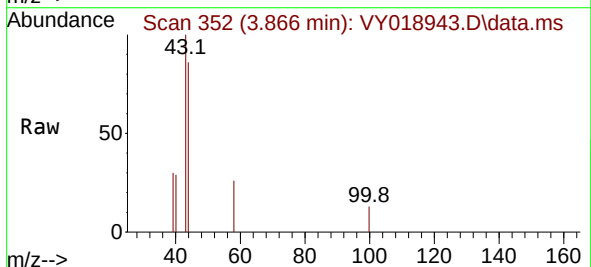
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-13-080624

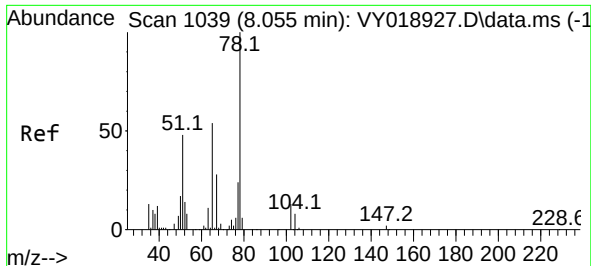
Tgt Ion:168 Resp: 87004
Ion Ratio Lower Upper
168 100
99 46.5 39.1 58.7



#16
Acetone
Concen: 17.678 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY018943.D
Acq: 08 Aug 2024 22:04

Tgt Ion: 43 Resp: 1071
Ion Ratio Lower Upper
43 100
58 26.1 31.7 47.5#

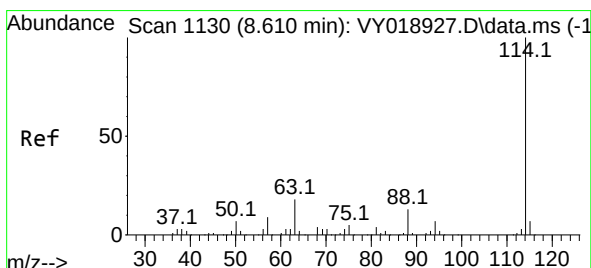
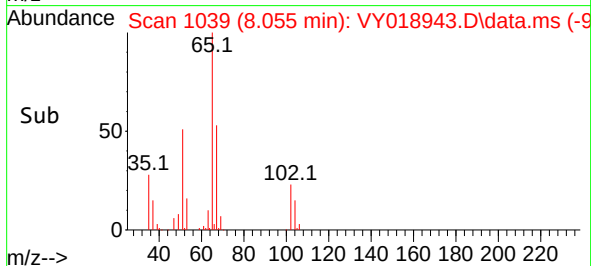
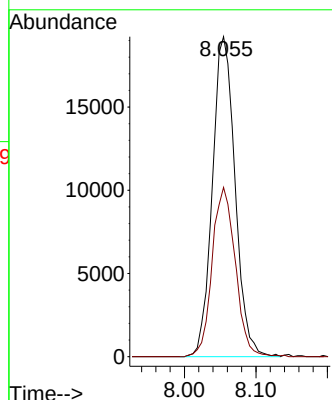
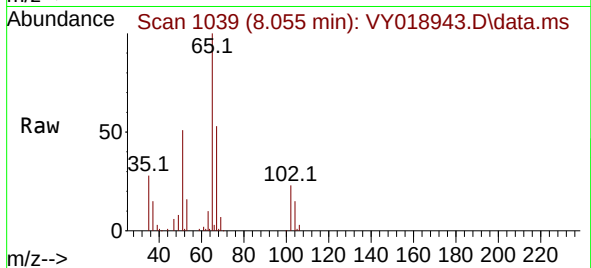




#33
 1,2-Dichloroethane-d4
 Concen: 55.525 ug/l
 RT: 8.055 min Scan# 1103
 Delta R.T. -0.000 min
 Lab File: VY018943.D
 Acq: 08 Aug 2024 22:04

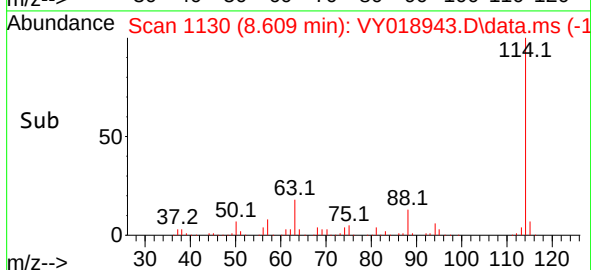
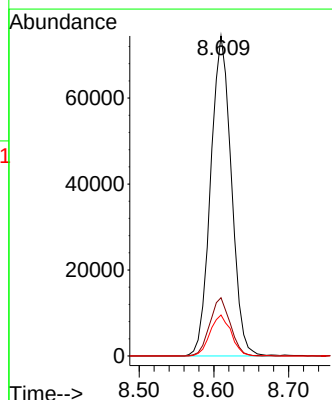
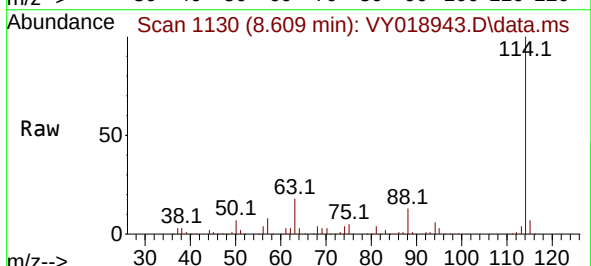
Instrument :
 MSVOA_Y
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 OU4-CF-13-080624

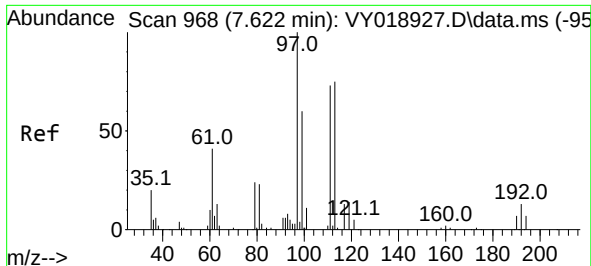
Tgt Ion: 65 Resp: 42415
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.609 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VY018943.D
 Acq: 08 Aug 2024 22:04

Tgt Ion: 114 Resp: 143321
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 35.0
 88 12.8 0.0 27.2

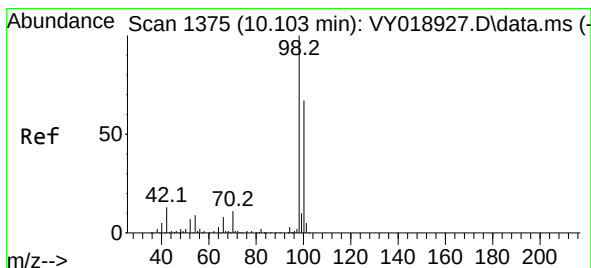
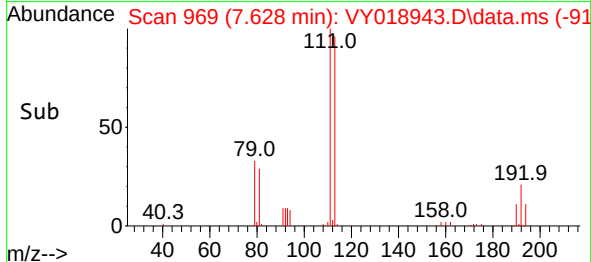
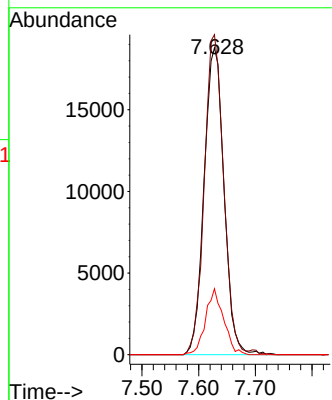
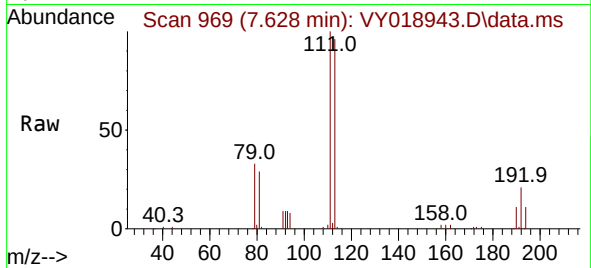




#35
Dibromofluoromethane
Concen: 50.123 ug/l
RT: 7.628 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018943.D
Acq: 08 Aug 2024 22:04

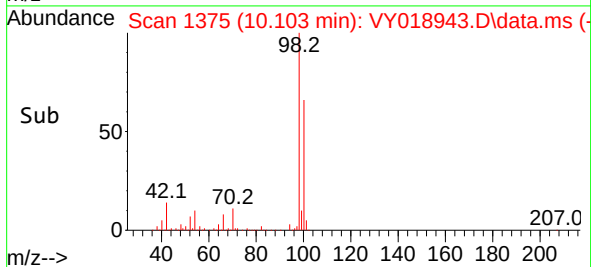
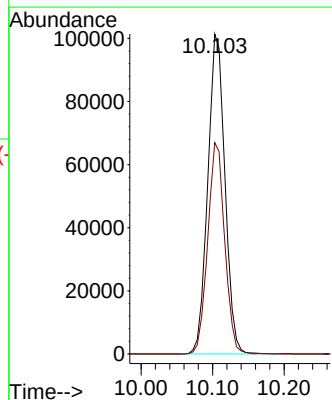
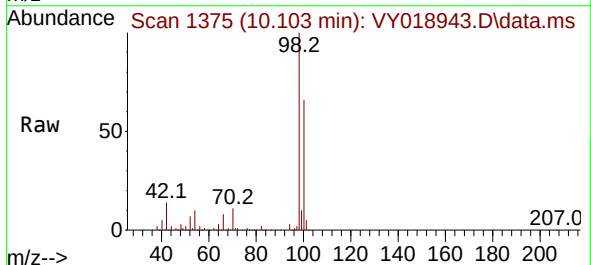
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-13-080624

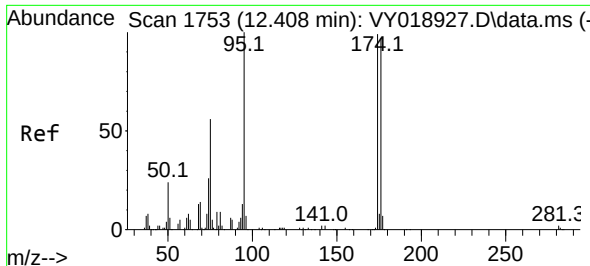
Tgt Ion:113 Resp: 45881
Ion Ratio Lower Upper
113 100
111 100.9 82.2 123.4
192 19.5 15.9 23.9



#50
Toluene-d8
Concen: 47.980 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY018943.D
Acq: 08 Aug 2024 22:04

Tgt Ion: 98 Resp: 168696
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0

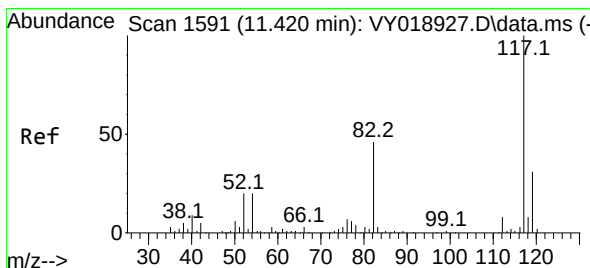
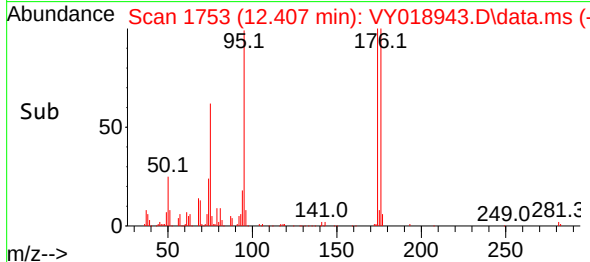
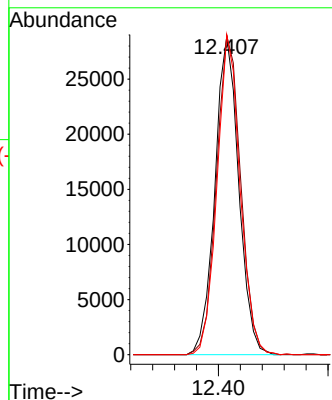
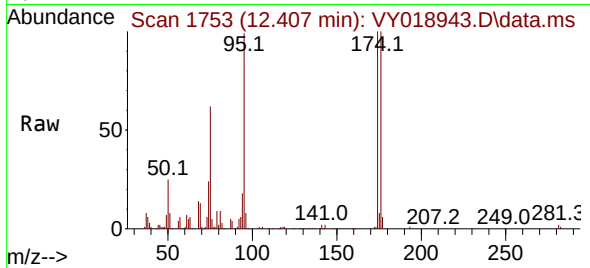




#62
4-Bromofluorobenzene
Concen: 41.799 ug/l
RT: 12.407 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018943.D
Acq: 08 Aug 2024 22:04

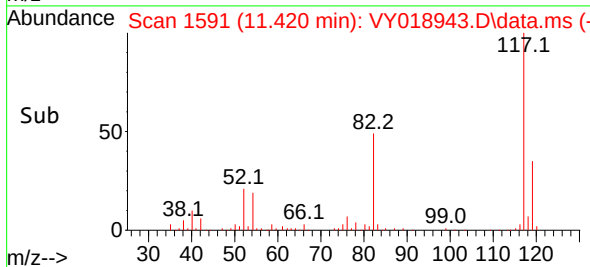
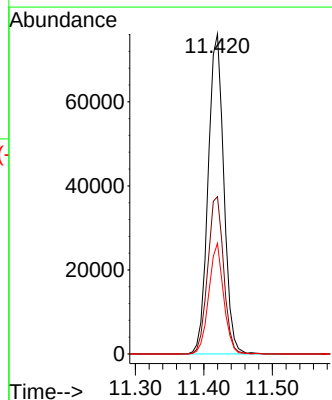
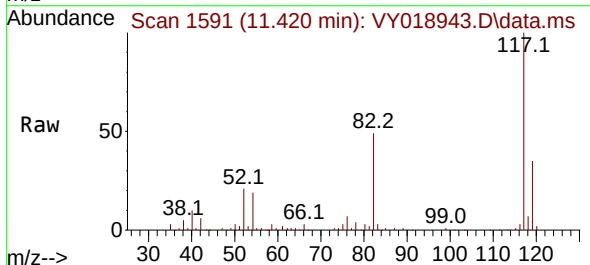
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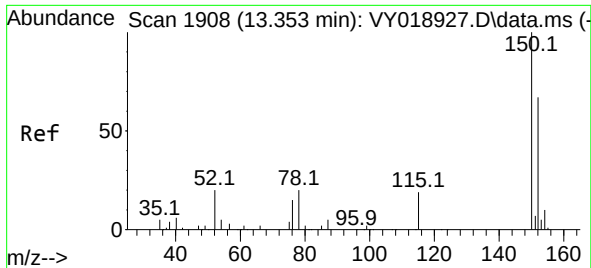
Tgt Ion:	95	Resp:	43601
Ion	Ratio	Lower	Upper
95	100		
174	102.0	0.0	175.6
176	97.2	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY018943.D
Acq: 08 Aug 2024 22:04

Tgt Ion:	117	Resp:	121167
Ion	Ratio	Lower	Upper
117	100		
82	49.2	42.4	63.6
119	34.6	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: VY018943.D

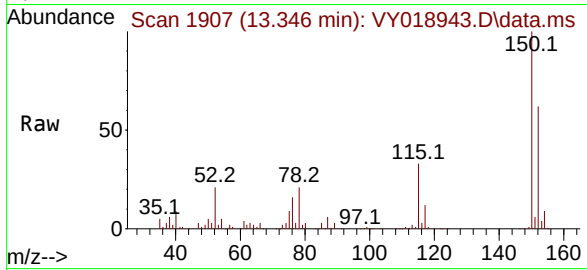
Acq: 08 Aug 2024 22:04

Instrument :

MSVOA_Y

ClientSampleId :

OU4-CF-13-080624



Tgt Ion:152 Resp: 46850

Ion Ratio Lower Upper

152 100

115 53.5 28.2 84.7

150 157.7 0.0 345.6

