

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080824\
 Data File : VY018942.D
 Acq On : 08 Aug 2024 21:40
 Operator : SY/MD
 Sample : P3520-09
 Misc : 6.34g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-CF-12-080624

Quant Time: Aug 09 05:12:11 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)

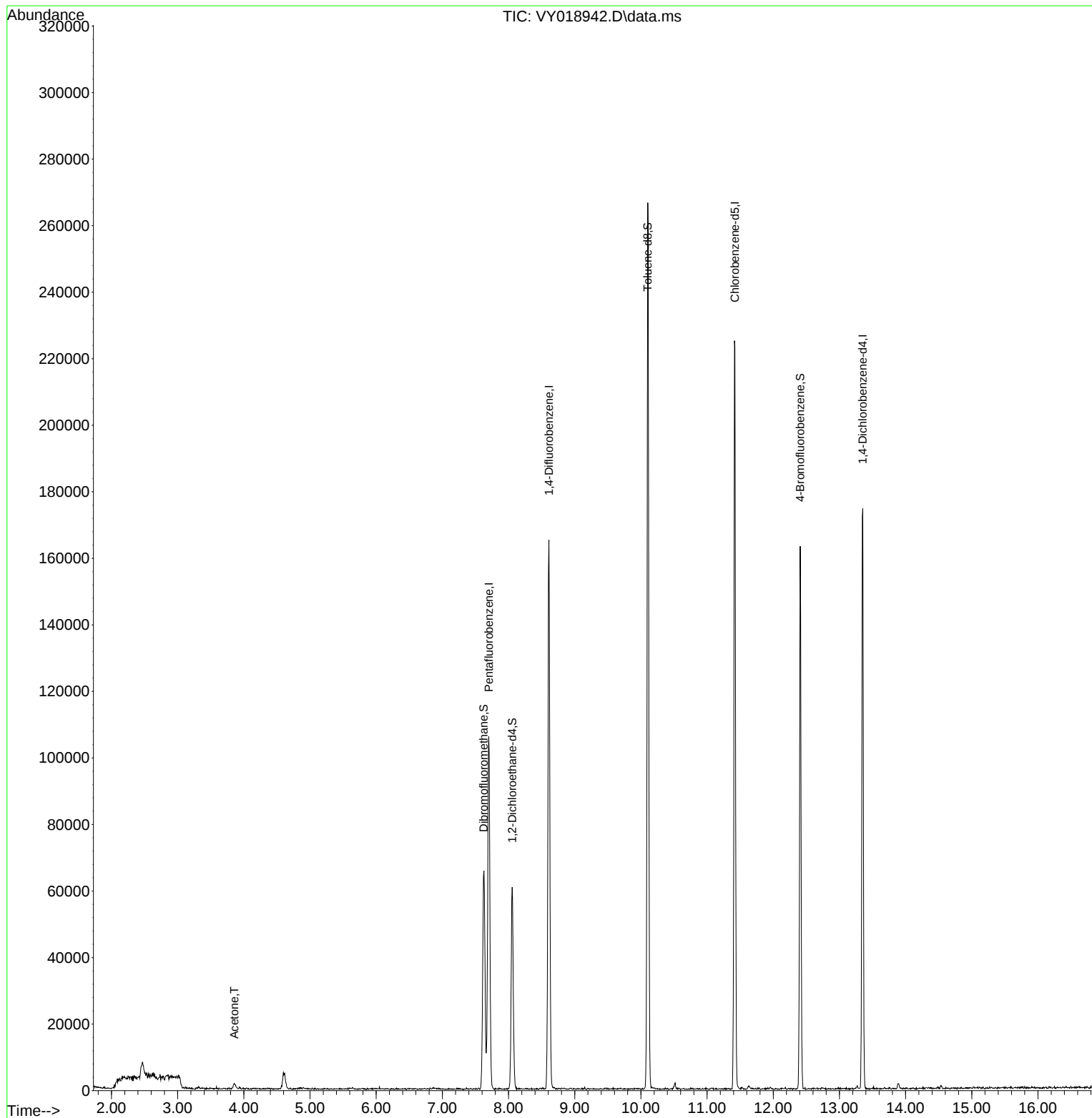
Internal Standards						
1) Pentafluorobenzene	7.701	168	85729	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	141646	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	113646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	41517	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	37718	50.111	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.220%
35) Dibromofluoromethane	7.622	113	44100	48.747	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.500%
50) Toluene-d8	10.103	98	163939	47.178	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.360%
62) 4-Bromofluorobenzene	12.408	95	40111	38.908	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.820%
Target Compounds						
16) Acetone	3.854	43	2743	25.940	ug/l	Qvalue 97

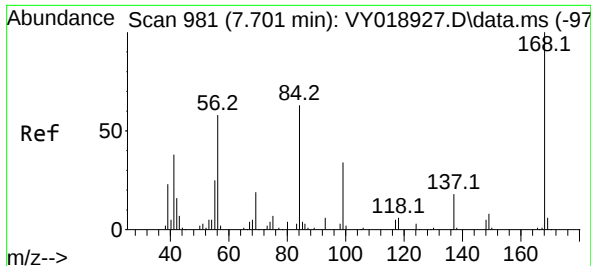
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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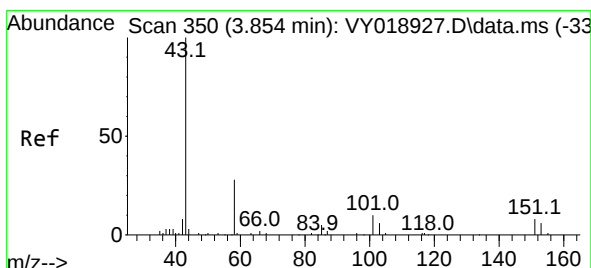
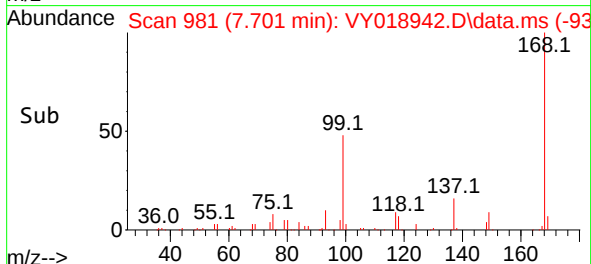
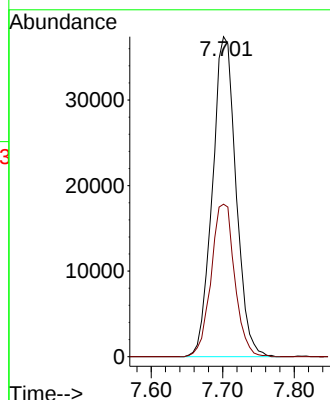
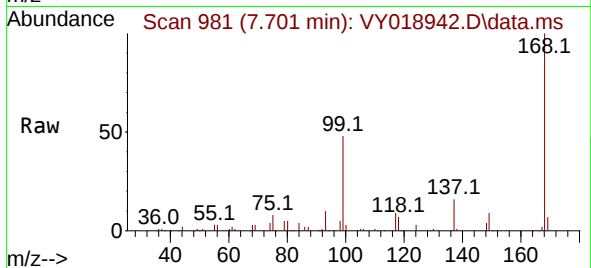




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY018942.D
Acq: 08 Aug 2024 21:40

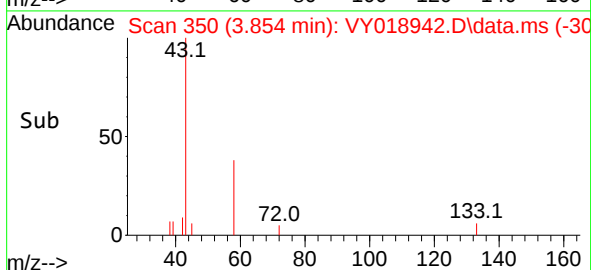
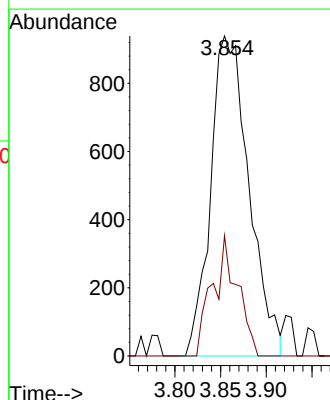
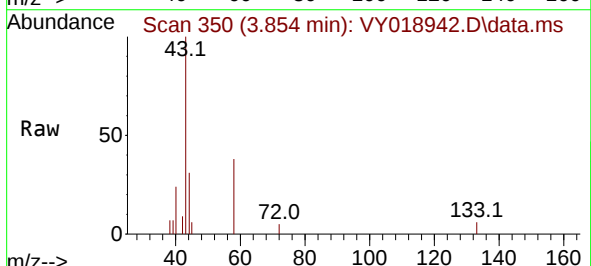
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-12-080624

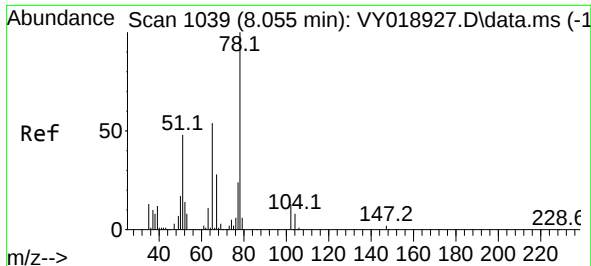
Tgt Ion:168 Resp: 85729
Ion Ratio Lower Upper
168 100
99 47.7 39.1 58.7



#16
Acetone
Concen: 25.940 ug/l
RT: 3.854 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY018942.D
Acq: 08 Aug 2024 21:40

Tgt Ion: 43 Resp: 2743
Ion Ratio Lower Upper
43 100
58 37.6 31.7 47.5





#33

1,2-Dichloroethane-d4

Concen: 50.111 ug/l

RT: 8.055 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY018942.D

Acq: 08 Aug 2024 21:40

Instrument :

MSVOA_Y

ClientSampleId :

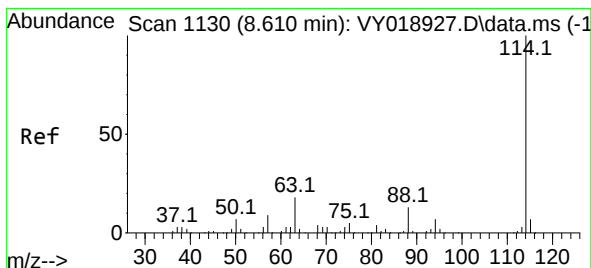
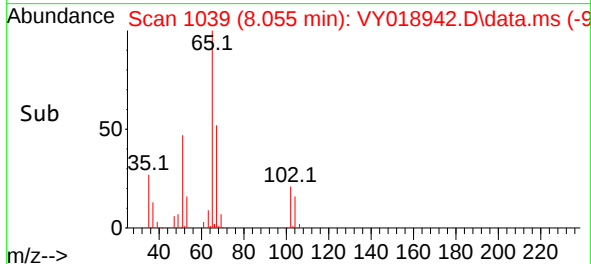
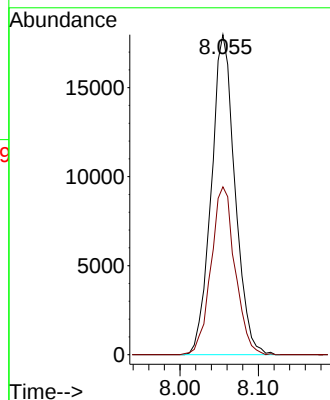
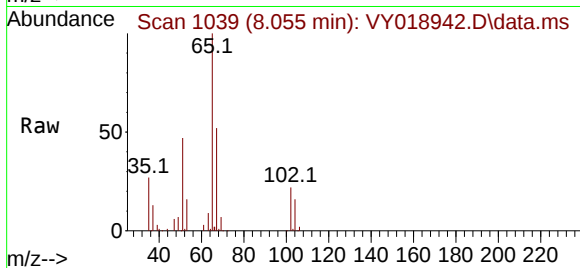
OU4-CF-12-080624

Tgt Ion: 65 Resp: 37718

Ion Ratio Lower Upper

65 100

67 53.2 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: VY018942.D

Acq: 08 Aug 2024 21:40

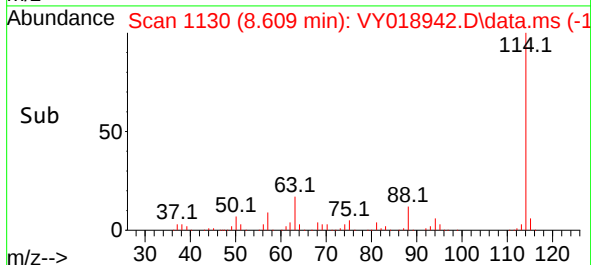
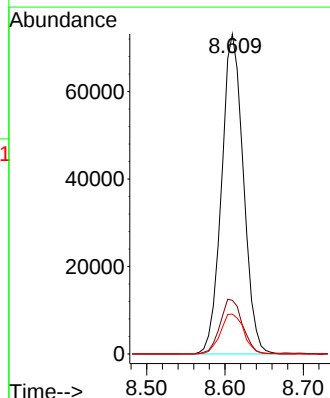
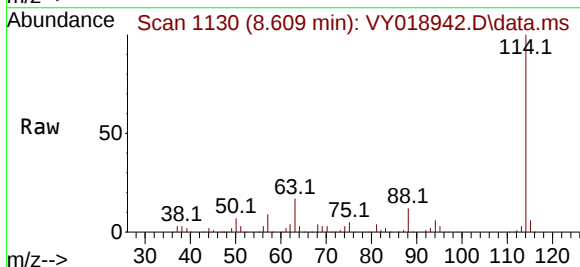
Tgt Ion: 114 Resp: 141646

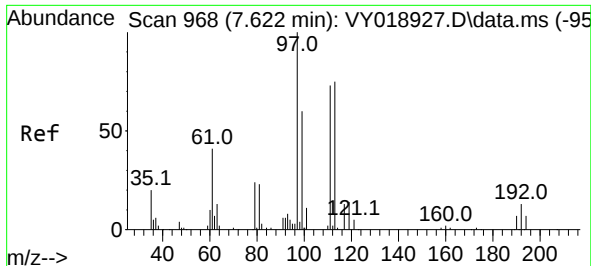
Ion Ratio Lower Upper

114 100

63 16.7 0.0 35.0

88 12.4 0.0 27.2





#35

Dibromofluoromethane

Concen: 48.747 ug/l

RT: 7.622 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY018942.D

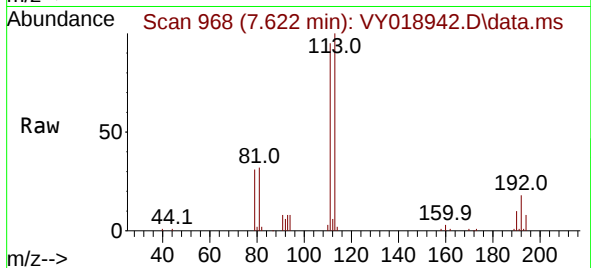
Acq: 08 Aug 2024 21:40

Instrument :

MSVOA_Y

ClientSampleId :

OU4-CF-12-080624



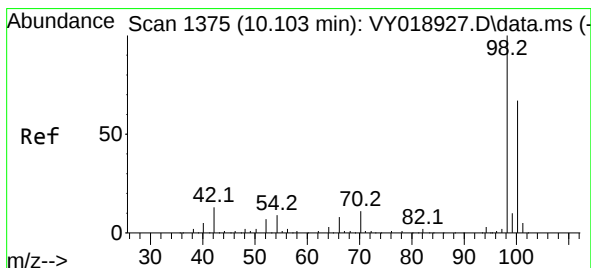
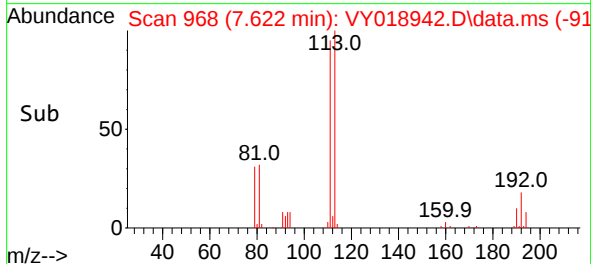
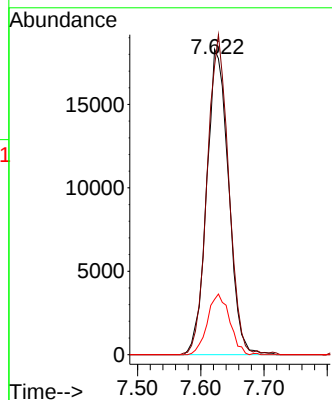
Tgt Ion:113 Resp: 44100

Ion	Ratio	Lower	Upper
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113	100		
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111	102.5	82.2	123.4
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192	20.1	15.9	23.9
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#50

Toluene-d8

Concen: 47.178 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY018942.D

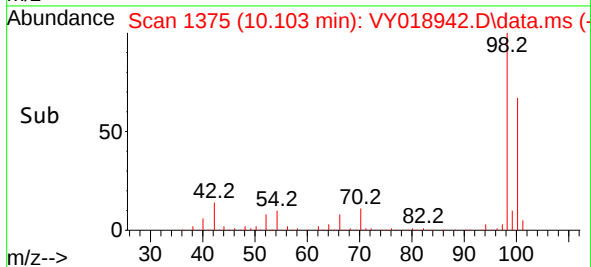
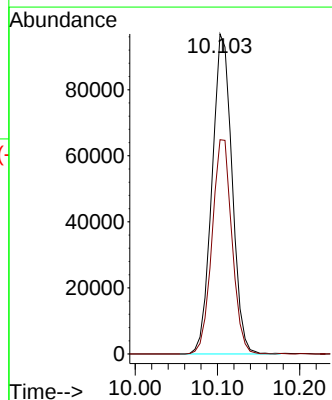
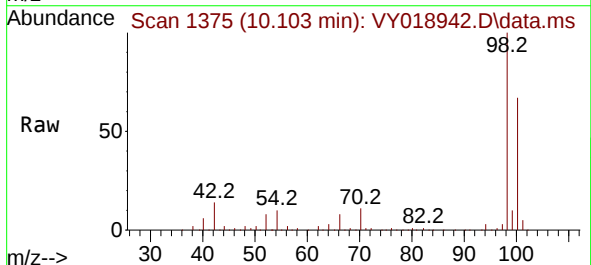
Acq: 08 Aug 2024 21:40

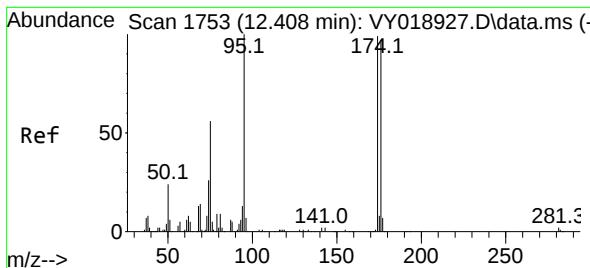
Tgt Ion: 98 Resp: 163939

Ion	Ratio	Lower	Upper
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98	100		
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100	66.6	52.0	78.0
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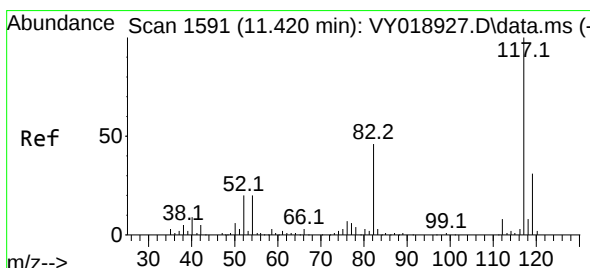
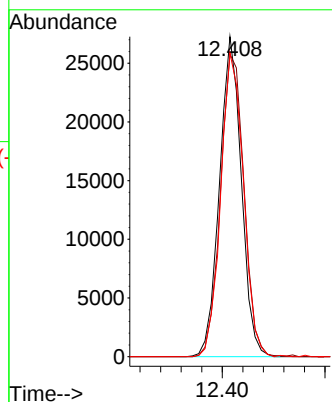
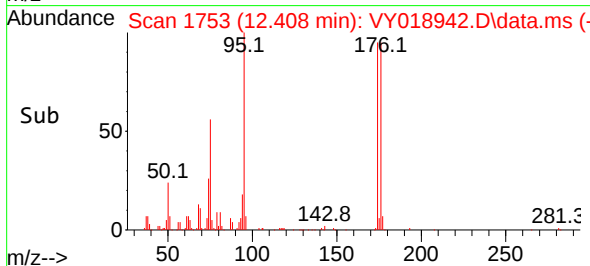
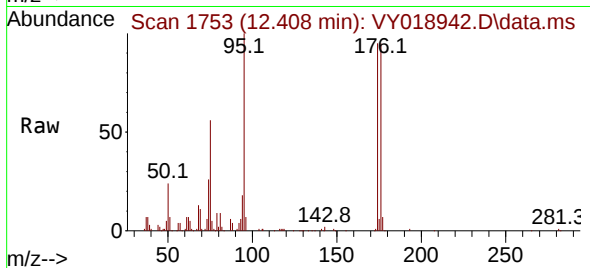




#62
4-Bromofluorobenzene
Concen: 38.908 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY018942.D
Acq: 08 Aug 2024 21:40

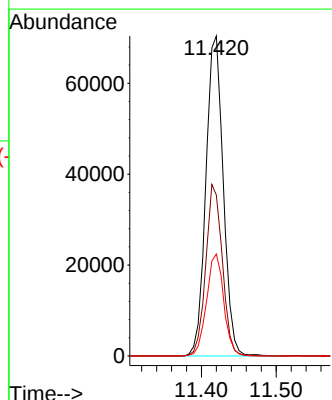
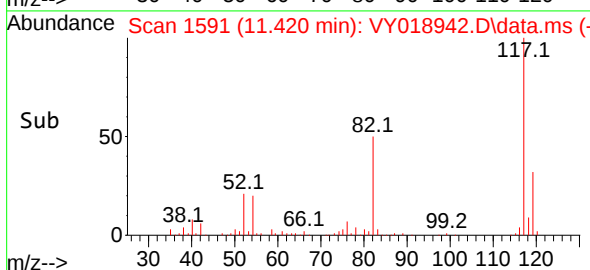
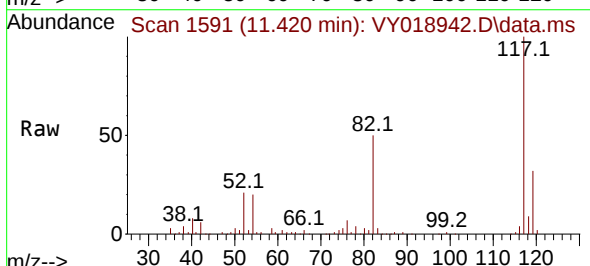
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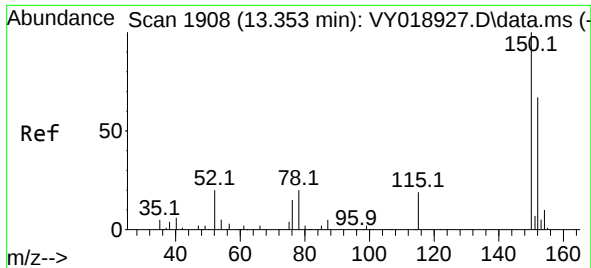
Tgt Ion:	95	Resp:	40111
Ion Ratio	Lower	Upper	
95	100		
174	101.7	0.0	175.6
176	98.6	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY018942.D
Acq: 08 Aug 2024 21:40

Tgt Ion:	117	Resp:	113646
Ion Ratio	Lower	Upper	
117	100		
82	50.2	42.4	63.6
119	31.8	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY018942.D

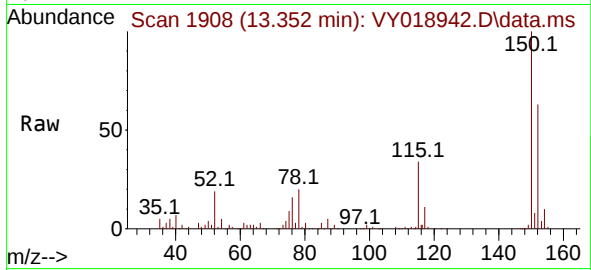
Acq: 08 Aug 2024 21:40

Instrument :

MSVOA_Y

ClientSampleId :

OU4-CF-12-080624



Tgt Ion:152 Resp: 41517

Ion Ratio Lower Upper

152 100

115 54.9 28.2 84.7

150 160.7 0.0 345.6

