

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081324\
 Data File : VY019023.D
 Acq On : 13 Aug 2024 12:39
 Operator : SY/MD
 Sample : P3518-29RE
 Misc : 4.57g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-15-080724RE

Quant Time: Aug 14 08:17:58 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)

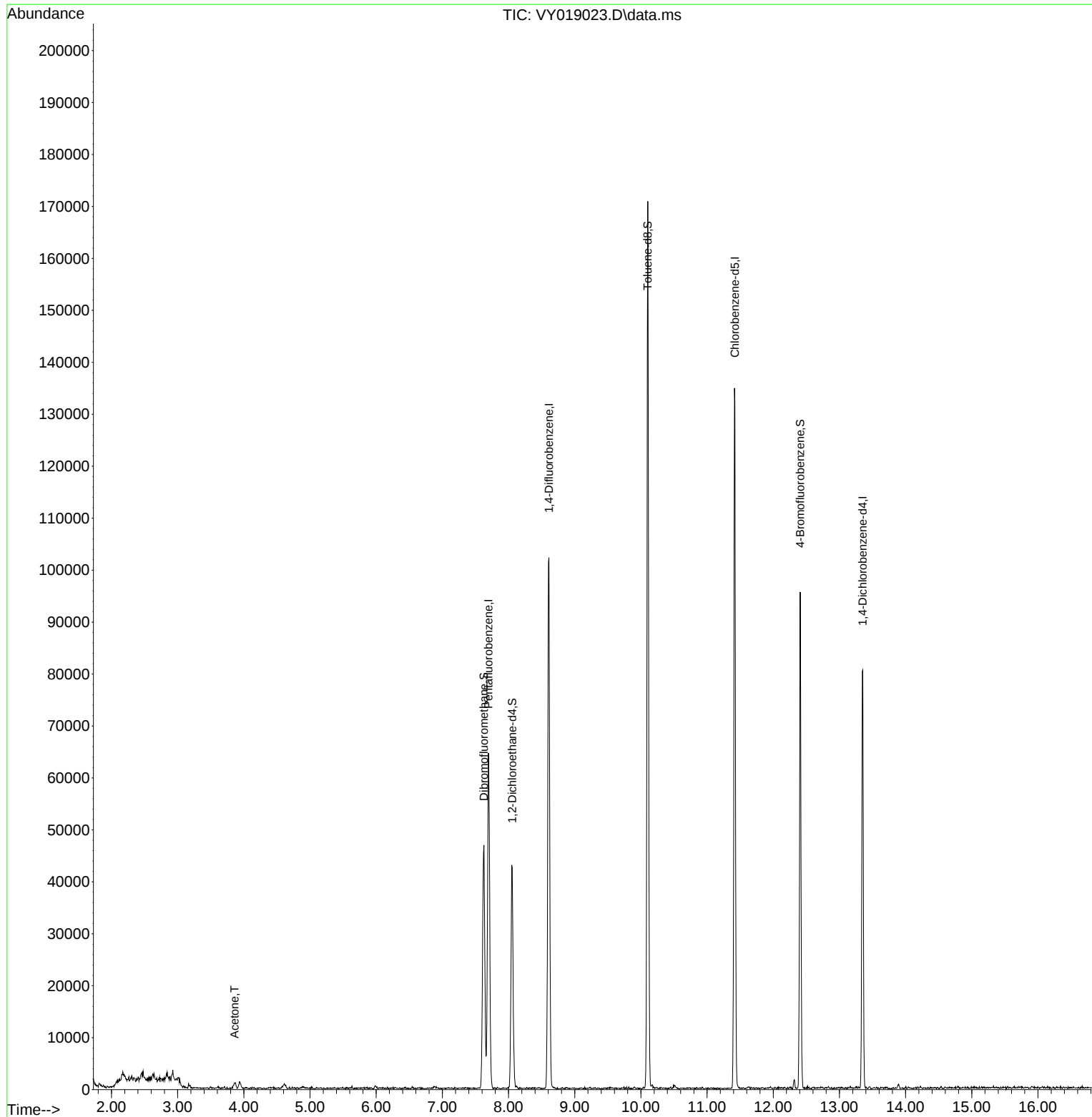
Internal Standards						
1) Pentafluorobenzene	7.695	168	52440	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	90189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	69617	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	19574	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	26443	57.432	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.860%
35) Dibromofluoromethane	7.628	113	29639	51.454	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.900%
50) Toluene-d8	10.103	98	103454	46.758	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.520%
62) 4-Bromofluorobenzene	12.408	95	21806	33.220	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	66.440%
Target Compounds						
16) Acetone	3.860	43	1536	24.803	ug/l	Qvalue # 82

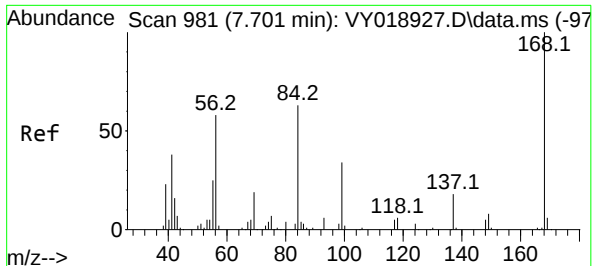
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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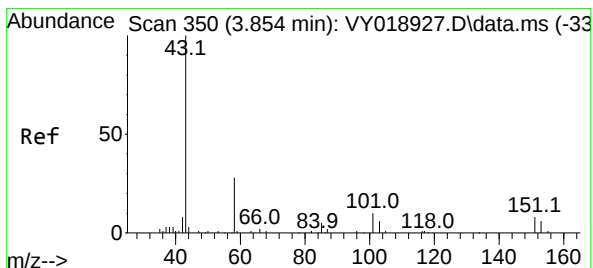
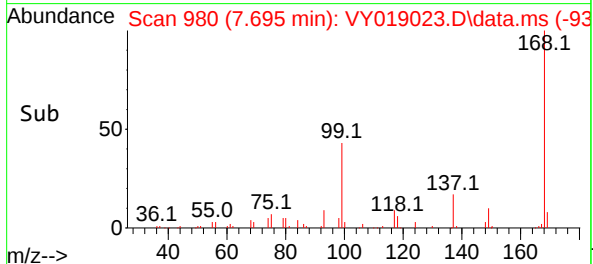
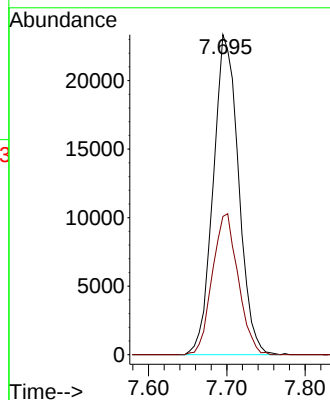
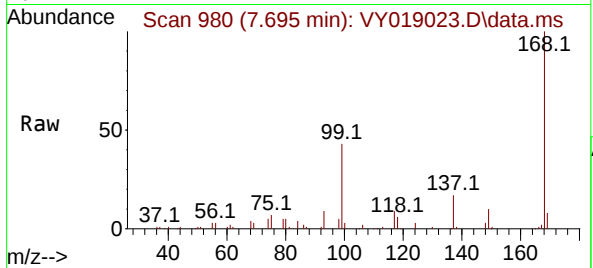




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019023.D
Acq: 13 Aug 2024 12:39

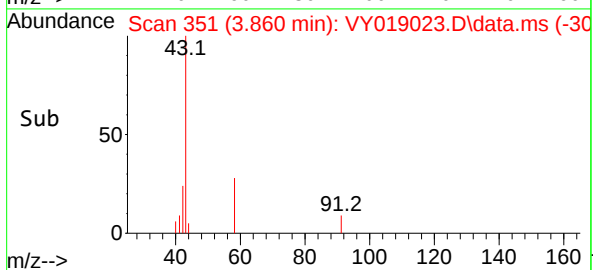
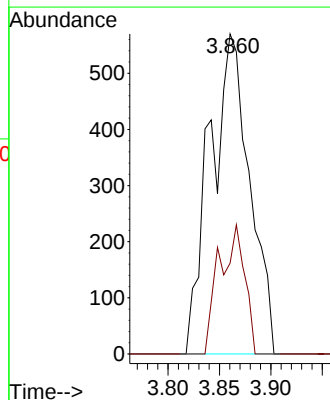
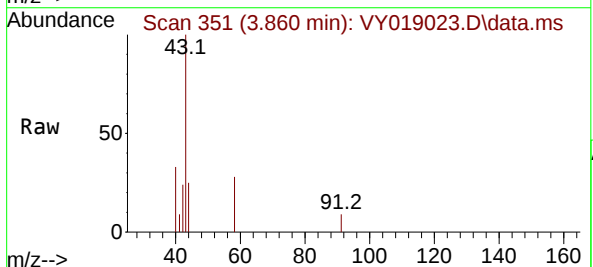
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-15-080724RE

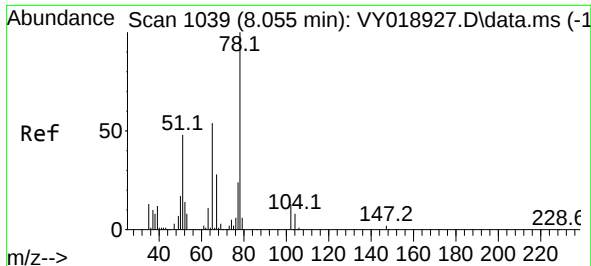
Tgt Ion:168 Resp: 52440
Ion Ratio Lower Upper
168 100
99 43.2 39.1 58.7



#16
Acetone
Concen: 24.803 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY019023.D
Acq: 13 Aug 2024 12:39

Tgt Ion: 43 Resp: 1536
Ion Ratio Lower Upper
43 100
58 28.4 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 57.432 ug/l

RT: 8.055 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY019023.D

Acq: 13 Aug 2024 12:39

Instrument :

MSVOA_Y

ClientSampleId :

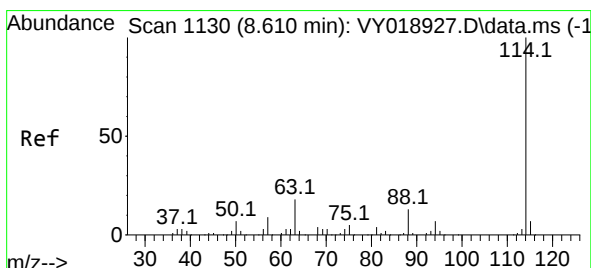
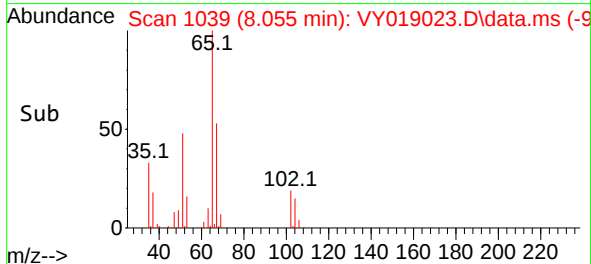
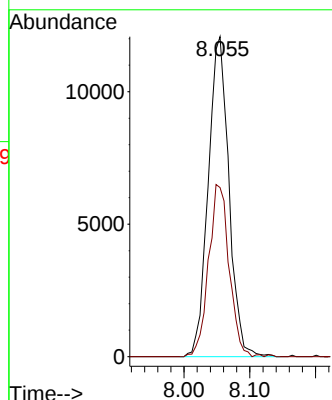
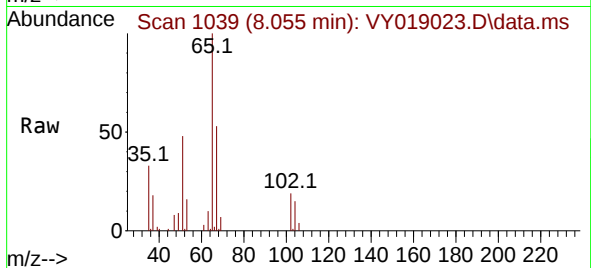
OU4-TS-15-080724RE

Tgt Ion: 65 Resp: 26443

Ion Ratio Lower Upper

65 100

67 53.3 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: VY019023.D

Acq: 13 Aug 2024 12:39

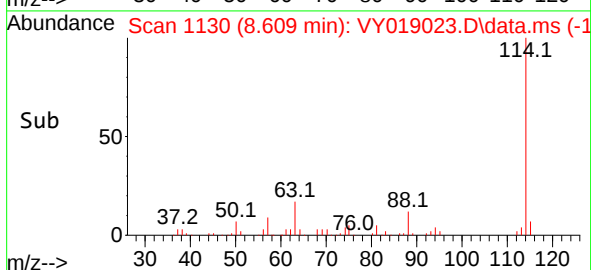
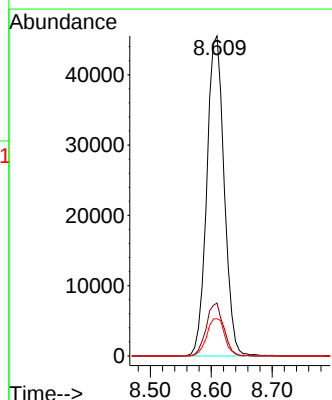
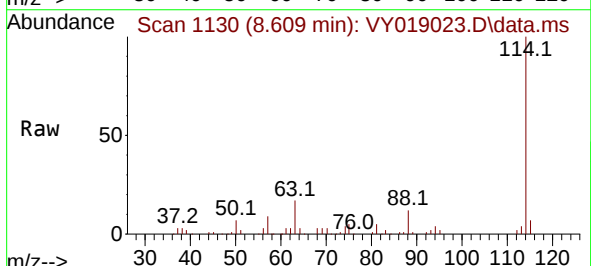
Tgt Ion: 114 Resp: 90189

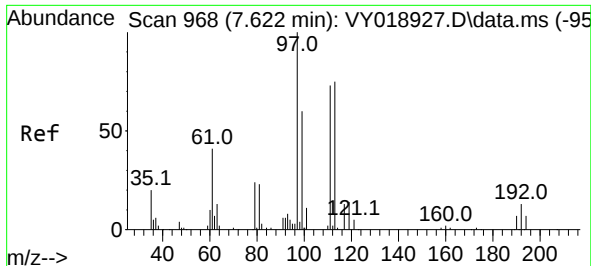
Ion Ratio Lower Upper

114 100

63 16.5 0.0 35.0

88 11.7 0.0 27.2

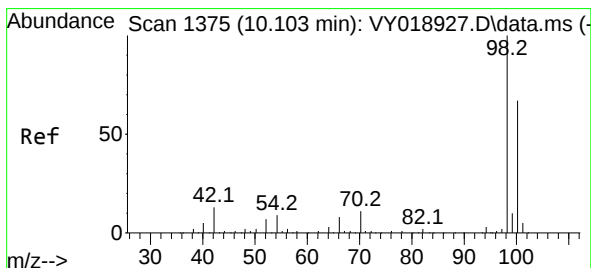
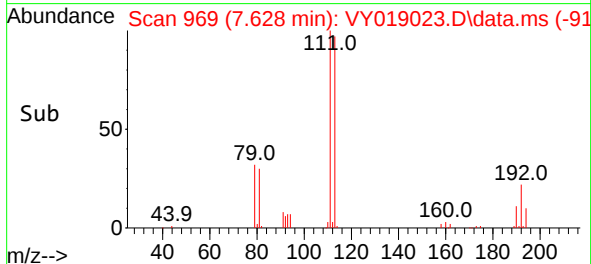
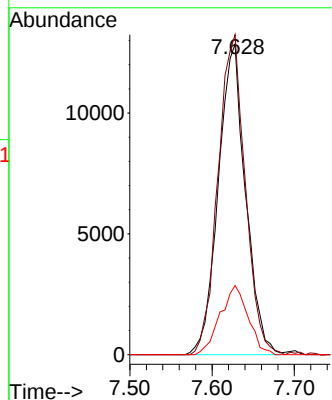
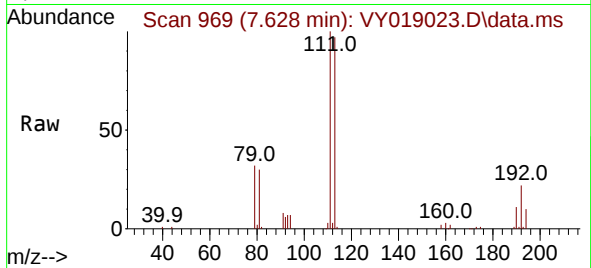




#35
Dibromofluoromethane
Concen: 51.454 ug/l
RT: 7.628 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY019023.D
Acq: 13 Aug 2024 12:39

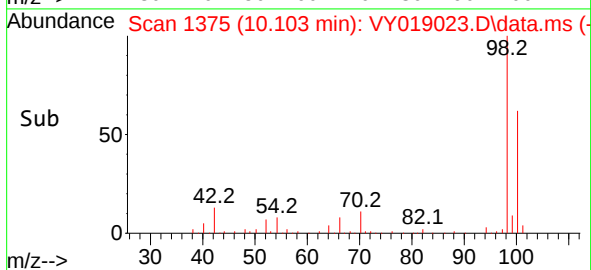
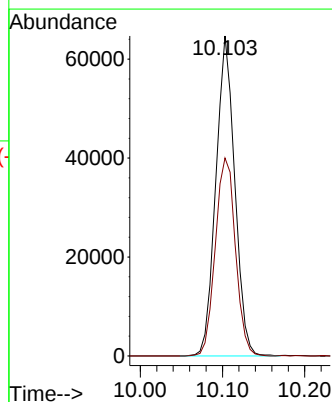
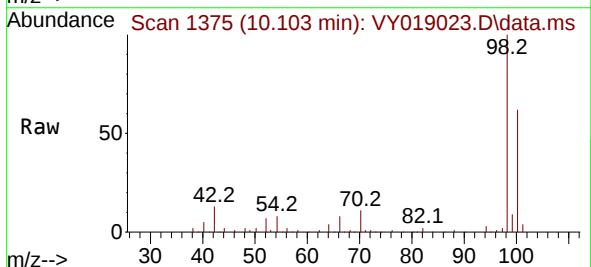
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-15-080724RE

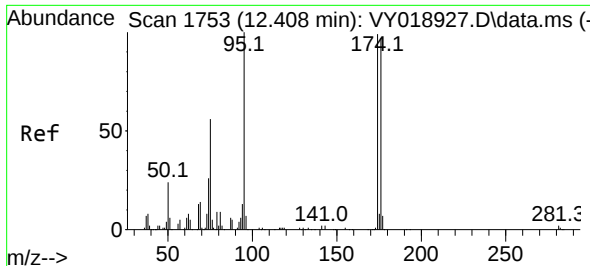
Tgt Ion:113 Resp: 29639
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 22.8 15.9 23.9



#50
Toluene-d8
Concen: 46.758 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY019023.D
Acq: 13 Aug 2024 12:39

Tgt Ion: 98 Resp: 103454
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0

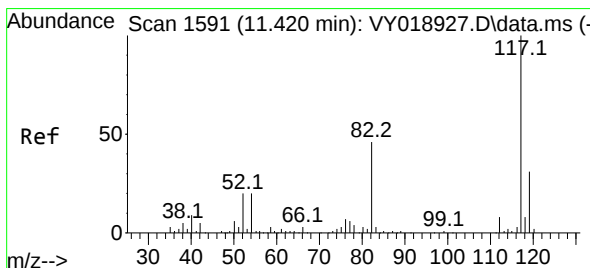
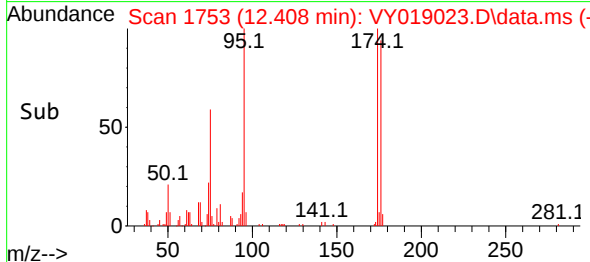
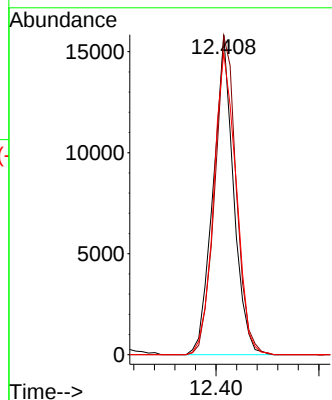
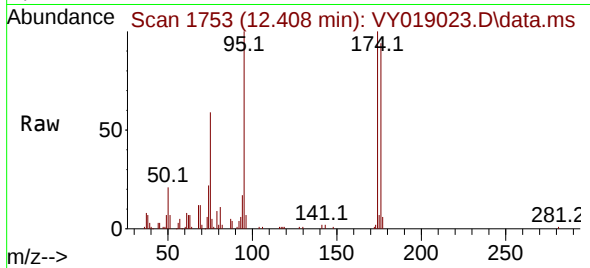




#62
4-Bromofluorobenzene
Concen: 33.220 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY019023.D
Acq: 13 Aug 2024 12:39

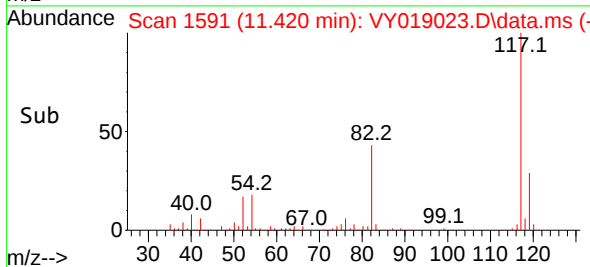
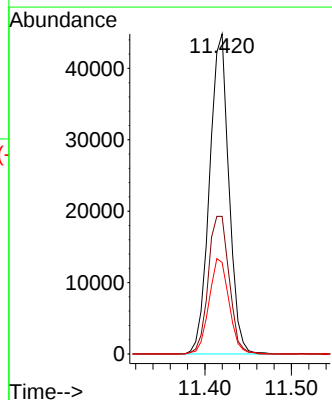
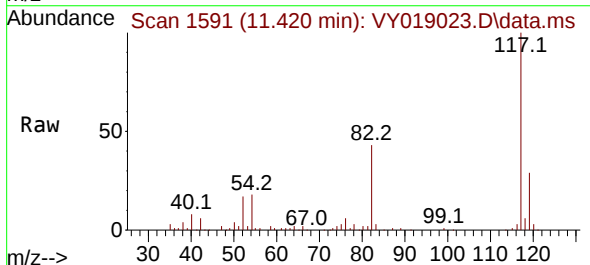
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ClientSampleId :
OU4-TS-15-080724RE

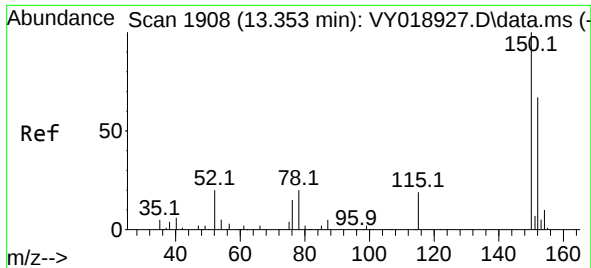
Tgt Ion:	95	Resp:	21806
Ion	Ratio	Lower	Upper
95	100		
174	104.7	0.0	175.6
176	103.6	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY019023.D
Acq: 13 Aug 2024 12:39

Tgt Ion:	117	Resp:	69617
Ion	Ratio	Lower	Upper
117	100		
82	43.0	42.4	63.6
119	28.6	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: VY019023.D

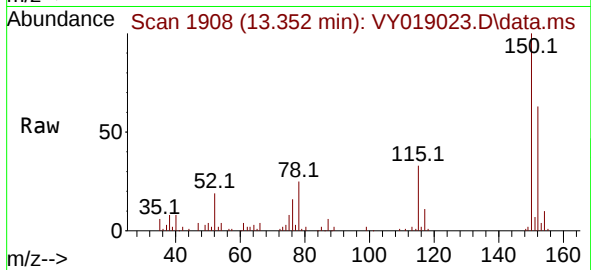
Acq: 13 Aug 2024 12:39

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-15-080724RE



Tgt Ion:152 Resp: 19574

Ion Ratio Lower Upper

152 100

115 53.9 28.2 84.7

150 156.9 0.0 345.6

