

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081224\
 Data File : VY019001.D
 Acq On : 12 Aug 2024 14:45
 Operator : SY/MD
 Sample : P3519-15
 Misc : 4.80g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-23-080724

Quant Time: Aug 13 01:15:19 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)

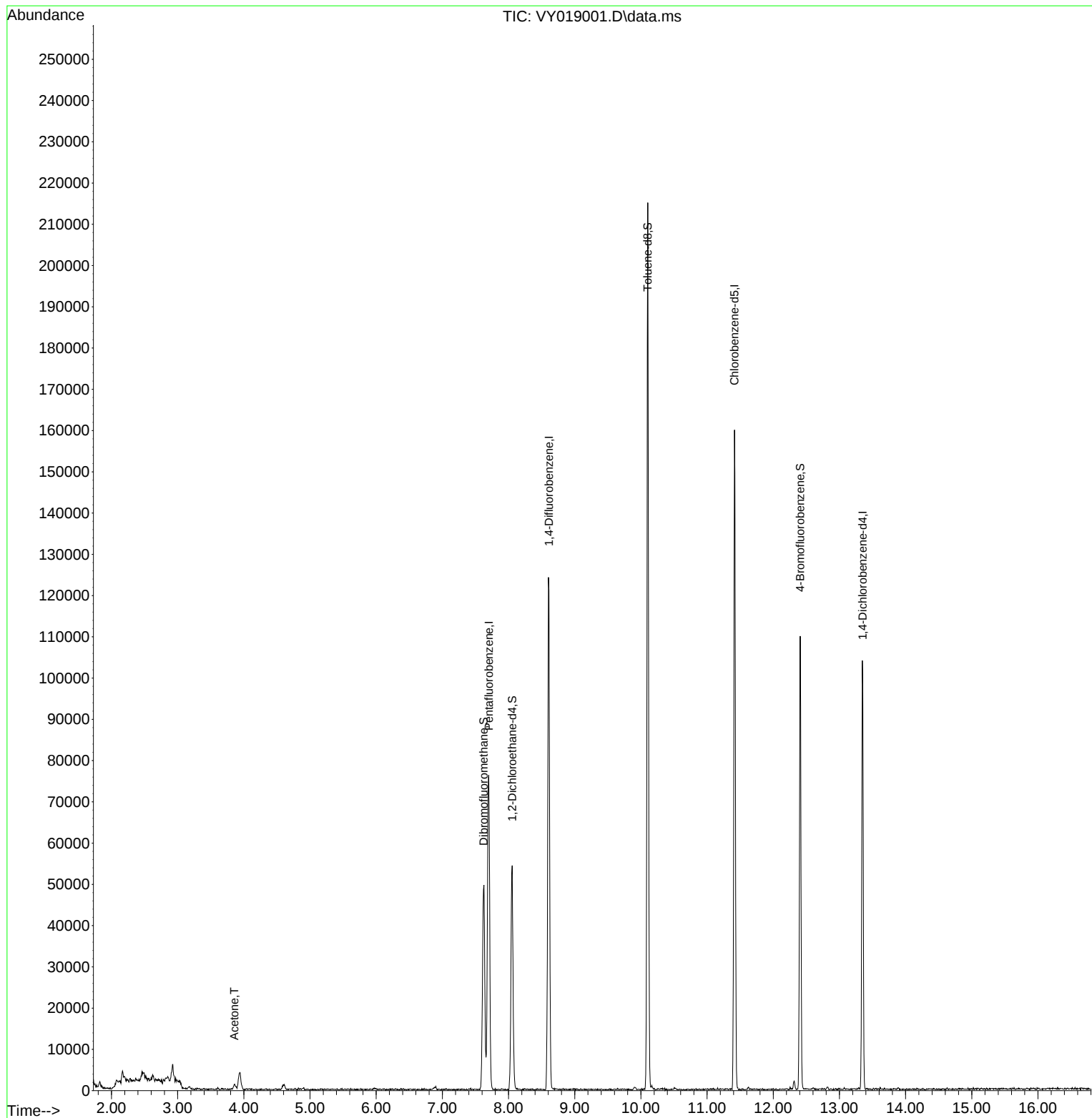
Internal Standards						
1) Pentafluorobenzene	7.701	168	64507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	105056	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	79881	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	24594	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	33487	59.126	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.260%
35) Dibromofluoromethane	7.622	113	32248	48.061	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.120%
50) Toluene-d8	10.103	98	124181	48.183	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.360%
62) 4-Bromofluorobenzene	12.408	95	27211	35.588	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	71.180%
Target Compounds						
16) Acetone	3.854	43	2052	25.862	ug/l	Qvalue # 82

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

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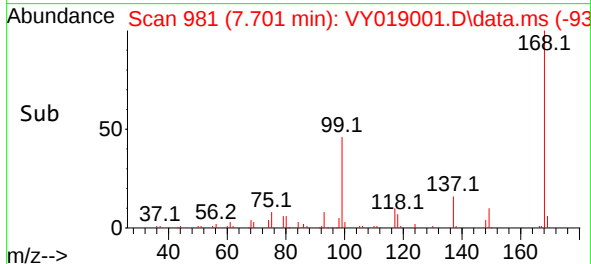
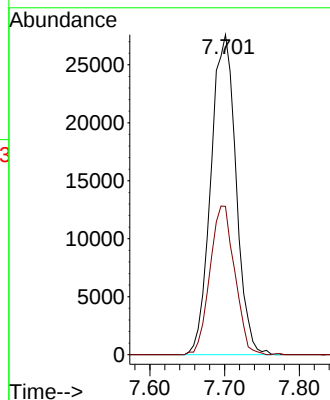
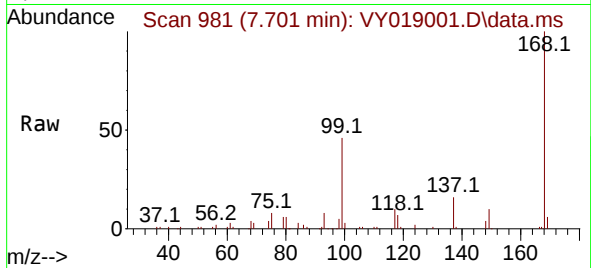




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019001.D
Acq: 12 Aug 2024 14:45

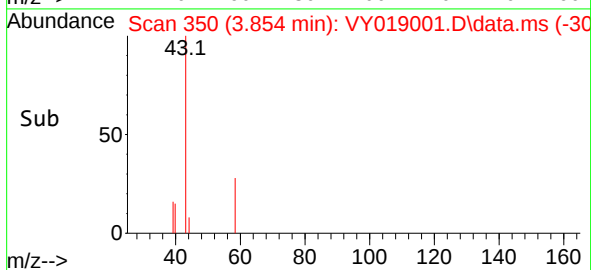
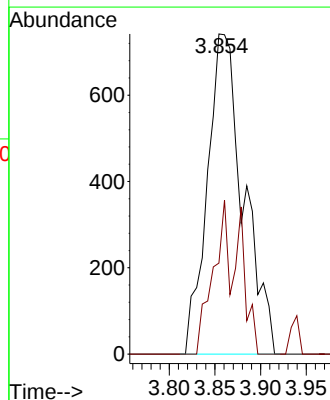
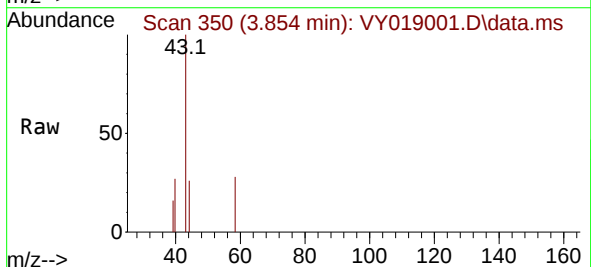
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-23-080724

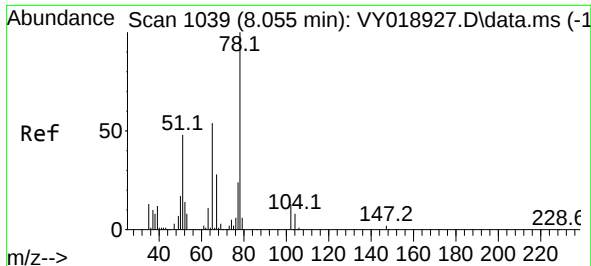
Tgt Ion:168 Resp: 64507
Ion Ratio Lower Upper
168 100
99 46.4 39.1 58.7



#16
Acetone
Concen: 25.862 ug/l
RT: 3.854 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY019001.D
Acq: 12 Aug 2024 14:45

Tgt Ion: 43 Resp: 2052
Ion Ratio Lower Upper
43 100
58 28.4 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 59.126 ug/l

RT: 8.055 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY019001.D

Acq: 12 Aug 2024 14:45

Instrument :

MSVOA_Y

ClientSampleId :

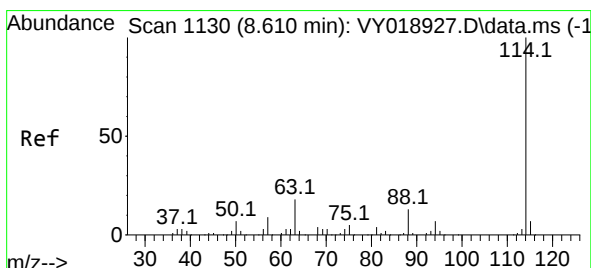
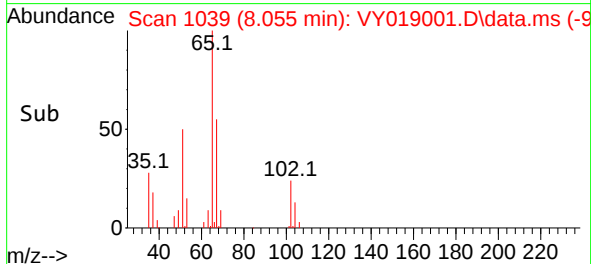
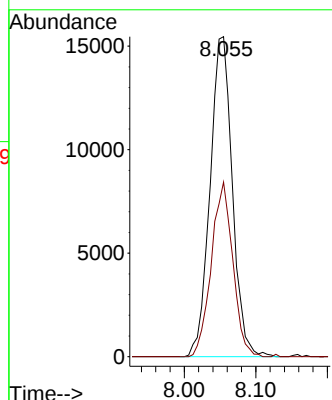
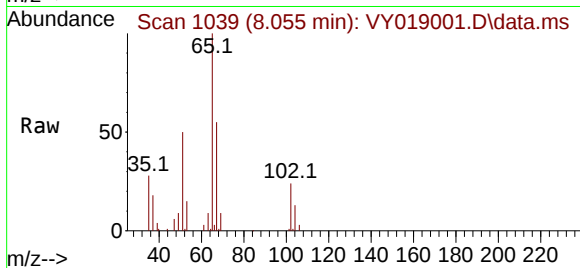
OU4-TS-23-080724

Tgt Ion: 65 Resp: 33487

Ion Ratio Lower Upper

65 100

67 52.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY019001.D

Acq: 12 Aug 2024 14:45

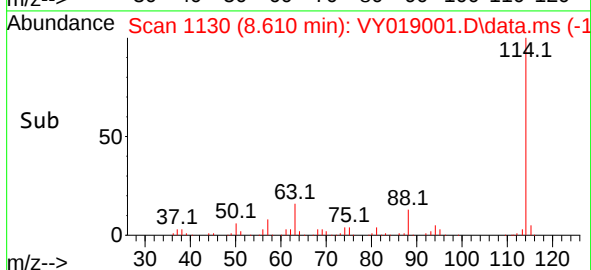
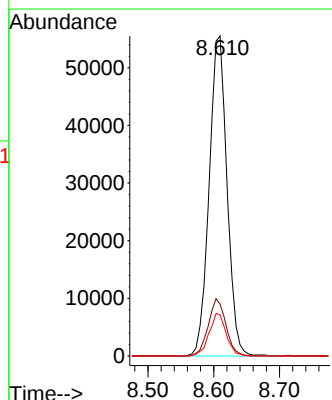
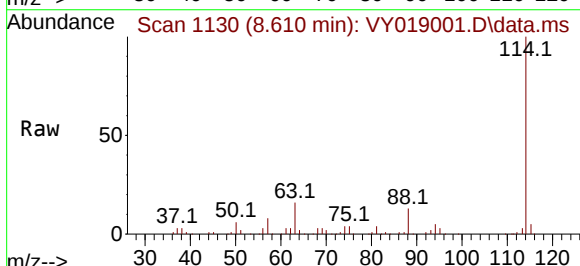
Tgt Ion: 114 Resp: 105056

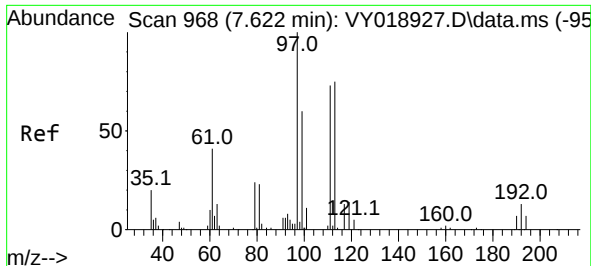
Ion Ratio Lower Upper

114 100

63 16.2 0.0 35.0

88 12.9 0.0 27.2

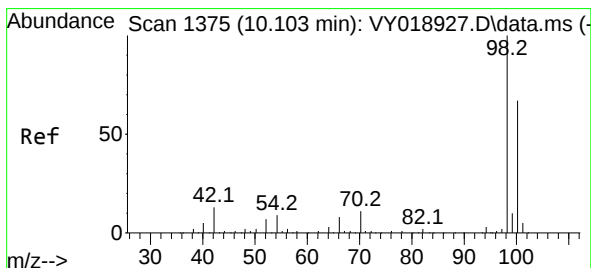
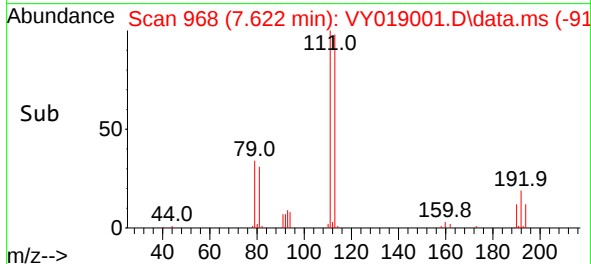
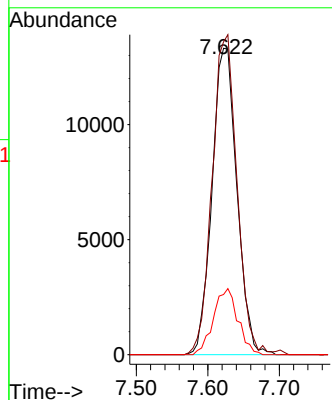
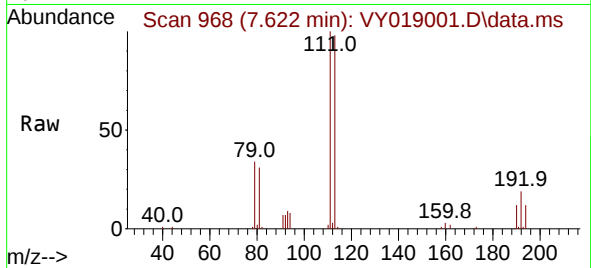




#35
Dibromofluoromethane
Concen: 48.061 ug/l
RT: 7.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019001.D
Acq: 12 Aug 2024 14:45

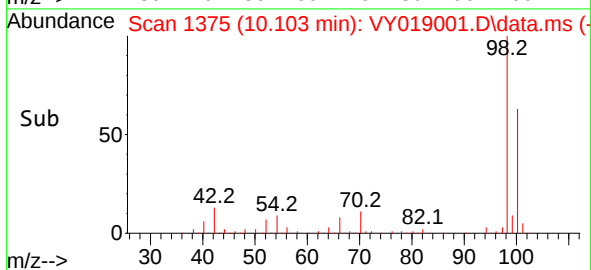
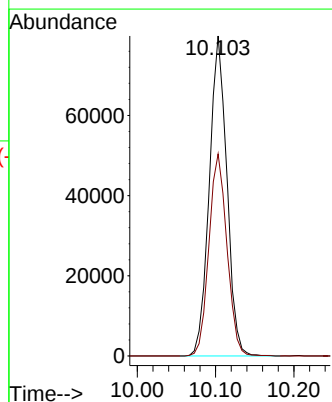
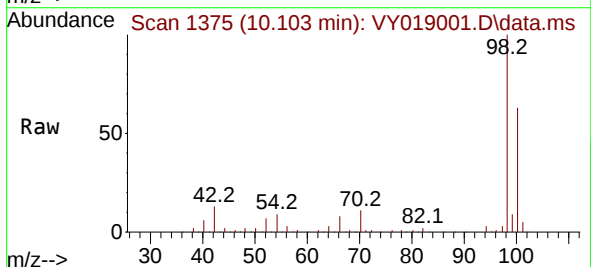
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-23-080724

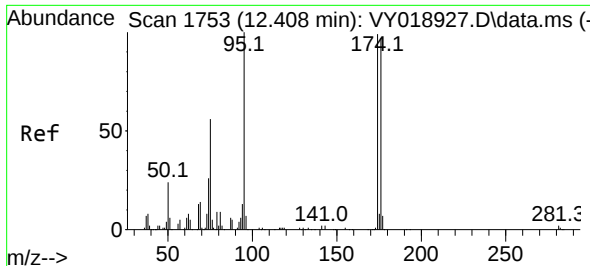
Tgt Ion:113 Resp: 32248
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.4
192 21.2 15.9 23.9



#50
Toluene-d8
Concen: 48.183 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019001.D
Acq: 12 Aug 2024 14:45

Tgt Ion: 98 Resp: 124181
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0

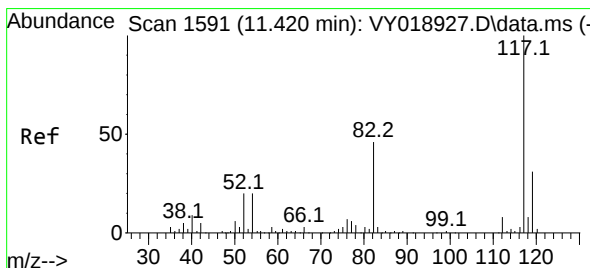
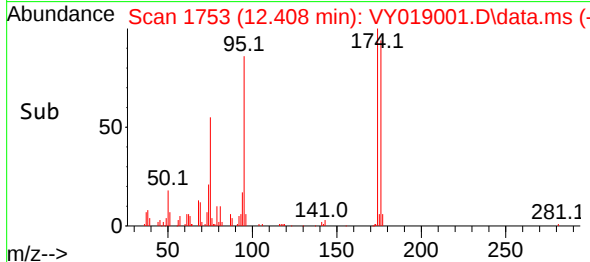
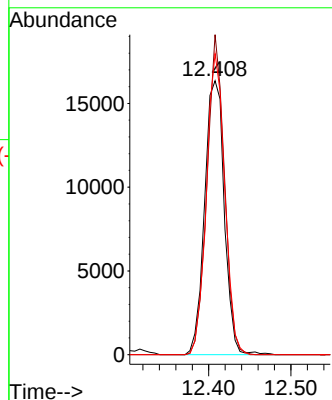
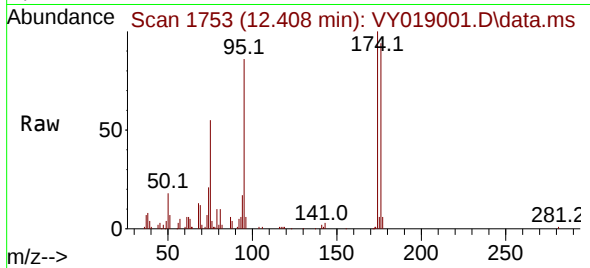




#62
4-Bromofluorobenzene
Concen: 35.588 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019001.D
Acq: 12 Aug 2024 14:45

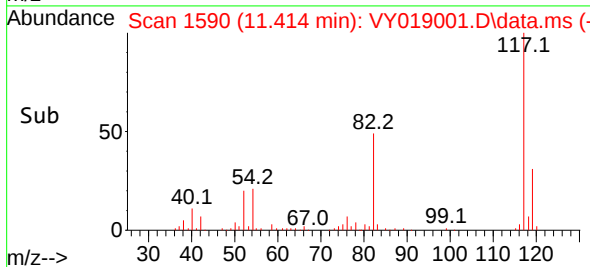
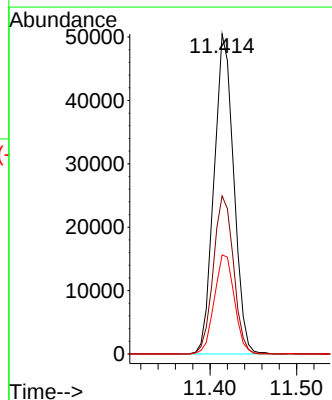
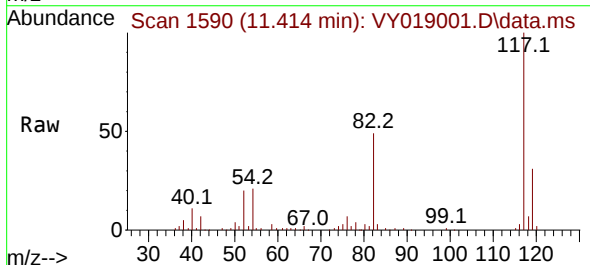
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MSVOA_Y
ClientSampleId :
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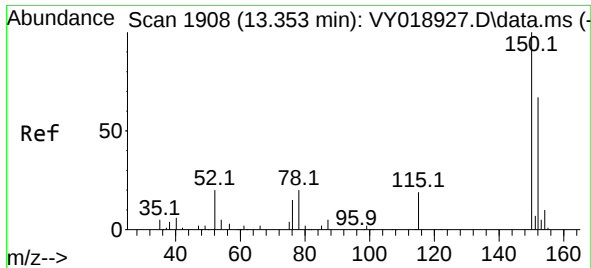
Tgt Ion:	95	Resp:	27211
Ion Ratio	Lower	Upper	
95	100		
174	103.2	0.0	175.6
176	102.1	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019001.D
Acq: 12 Aug 2024 14:45

Tgt Ion:	117	Resp:	79881
Ion Ratio	Lower	Upper	
117	100		
82	49.4	42.4	63.6
119	30.9	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: VY019001.D

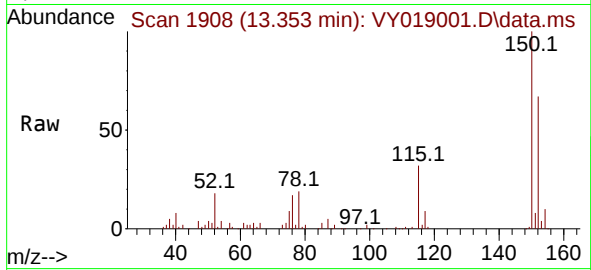
Acq: 12 Aug 2024 14:45

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-23-080724



Tgt Ion:152 Resp: 24594

Ion Ratio Lower Upper

152 100

115 54.2 28.2 84.7

150 159.1 0.0 345.6

