

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081324\
 Data File : VY019025.D
 Acq On : 13 Aug 2024 13:28
 Operator : SY/MD
 Sample : P3519-03RE
 Misc : 4.18g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-17-080724RE

Quant Time: Aug 14 07:48:16 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)

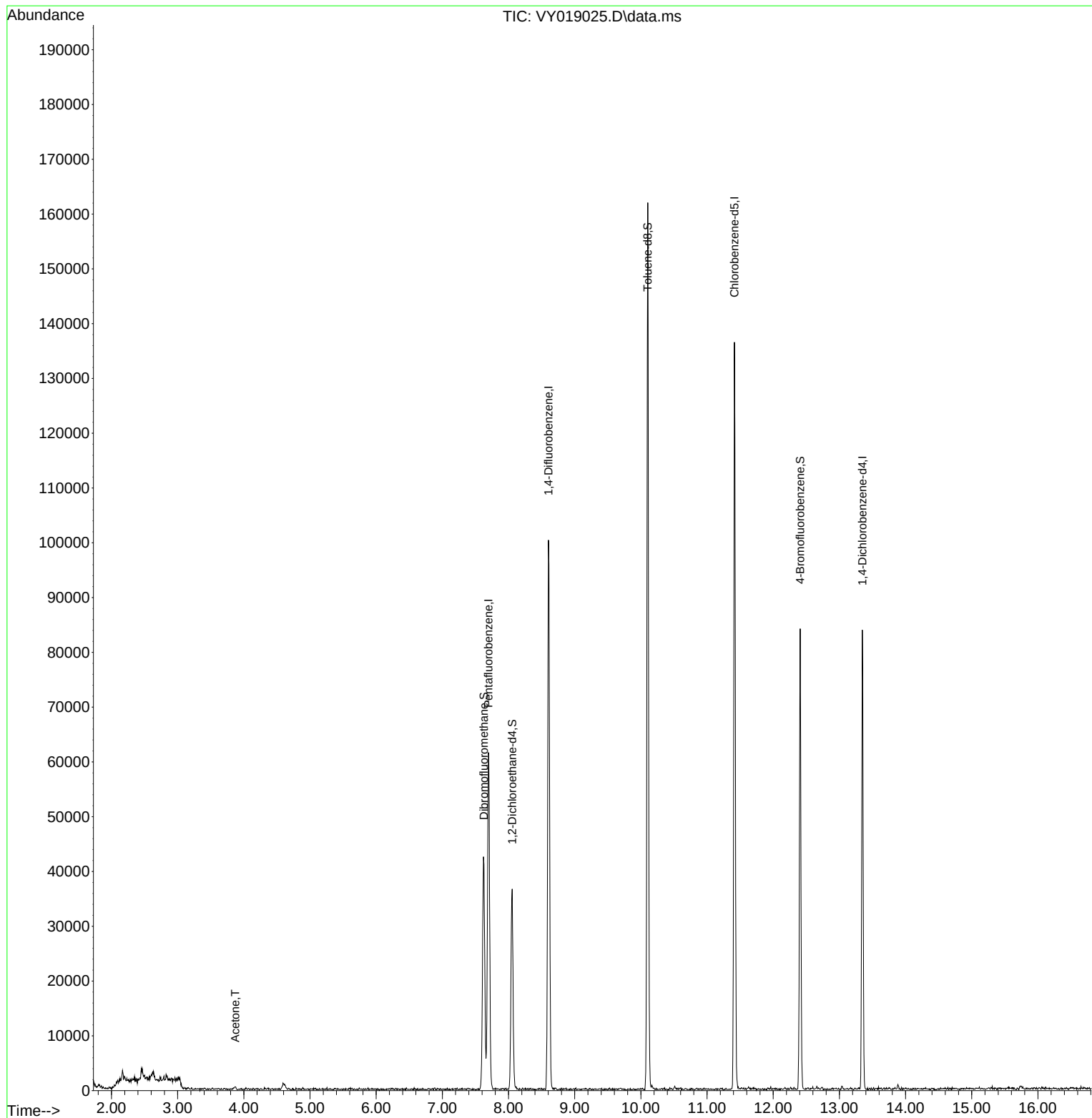
Internal Standards						
1) Pentafluorobenzene	7.695	168	50332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	84085	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	64929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	18813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	22582	51.101	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.200%	
35) Dibromofluoromethane	7.628	113	27462	51.136	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.280%	
50) Toluene-d8	10.103	98	95718	46.402	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 92.800%	
62) 4-Bromofluorobenzene	12.408	95	19736	32.249	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 64.500%	
Target Compounds						
16) Acetone	3.873	43	589	17.423	ug/l	Qvalue # 69

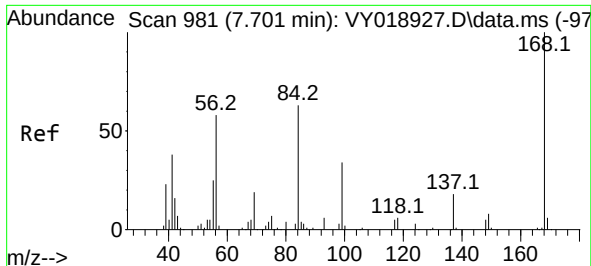
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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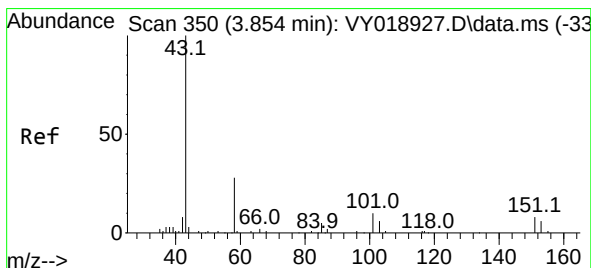
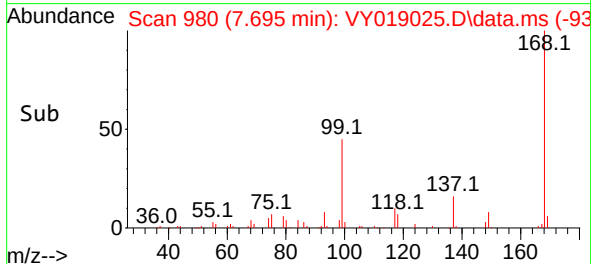
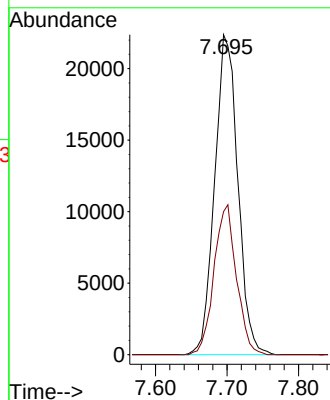
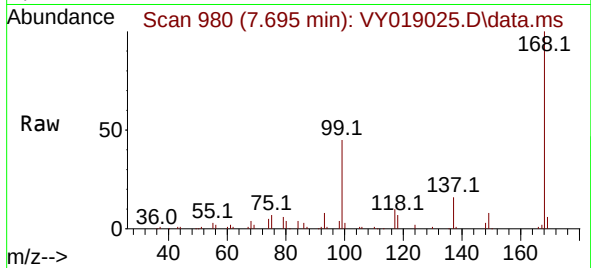




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019025.D
Acq: 13 Aug 2024 13:28

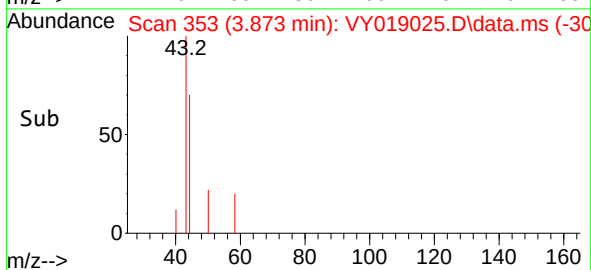
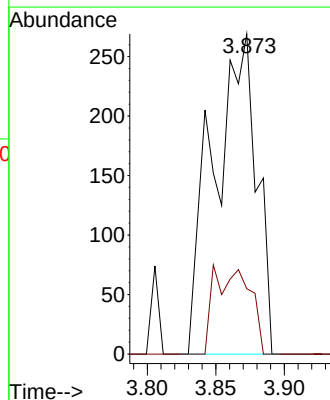
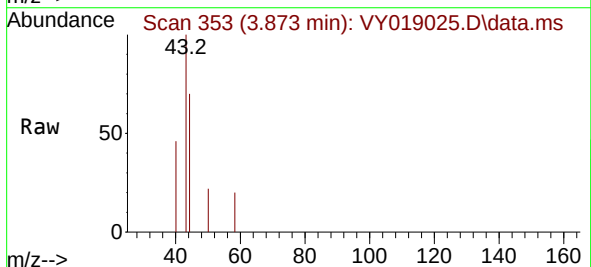
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-17-080724RE

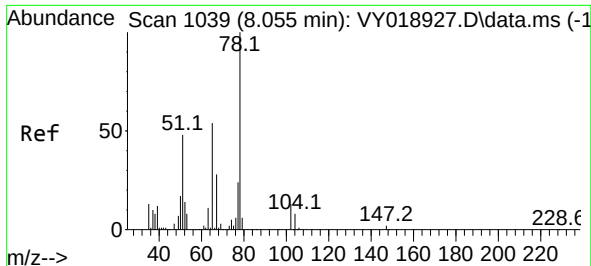
Tgt Ion:168 Resp: 50332
Ion Ratio Lower Upper
168 100
99 44.7 39.1 58.7



#16
Acetone
Concen: 17.423 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.018 min
Lab File: VY019025.D
Acq: 13 Aug 2024 13:28

Tgt Ion: 43 Resp: 589
Ion Ratio Lower Upper
43 100
58 20.4 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 51.101 ug/l

RT: 8.055 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VY019025.D

Acq: 13 Aug 2024 13:28

Instrument :

MSVOA_Y

ClientSampleId :

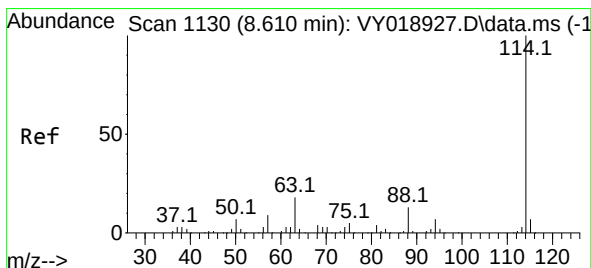
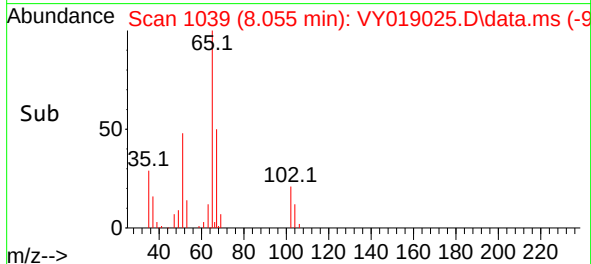
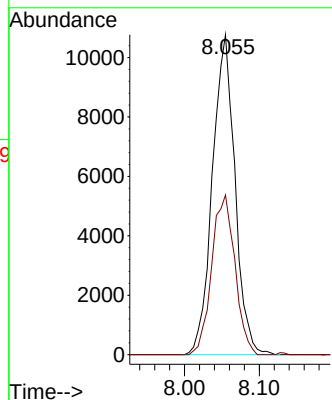
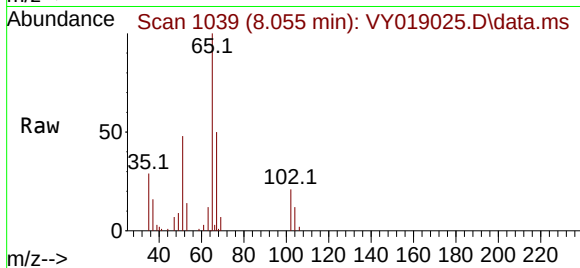
OU4-TS-17-080724RE

Tgt Ion: 65 Resp: 22582

Ion Ratio Lower Upper

65 100

67 51.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VY019025.D

Acq: 13 Aug 2024 13:28

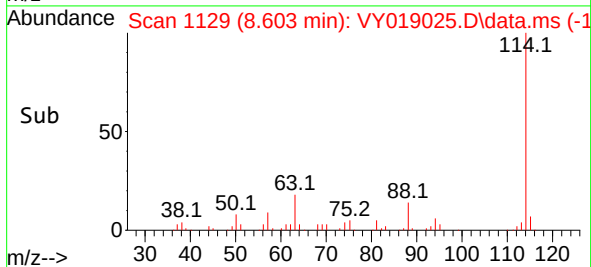
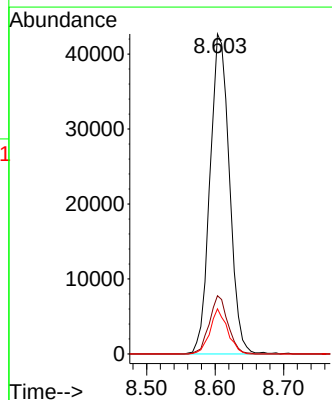
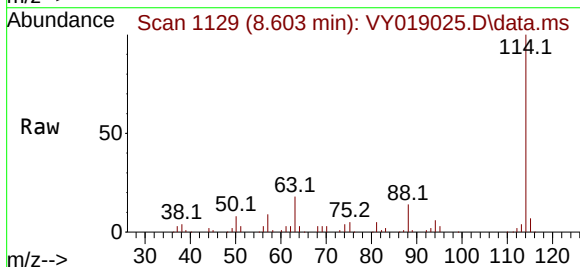
Tgt Ion: 114 Resp: 84085

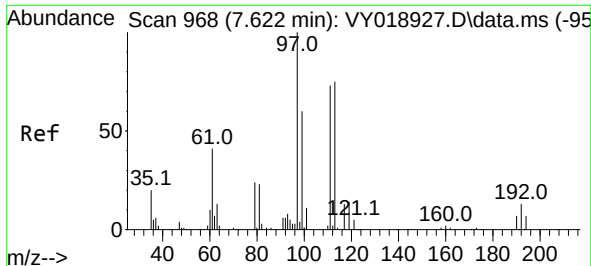
Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.0

88 14.1 0.0 27.2

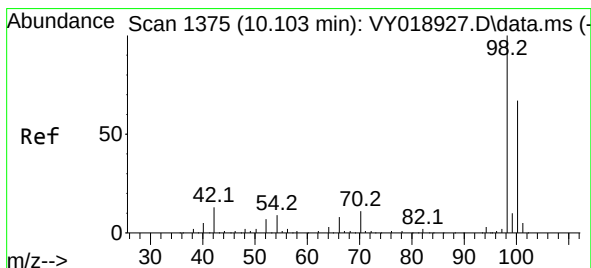
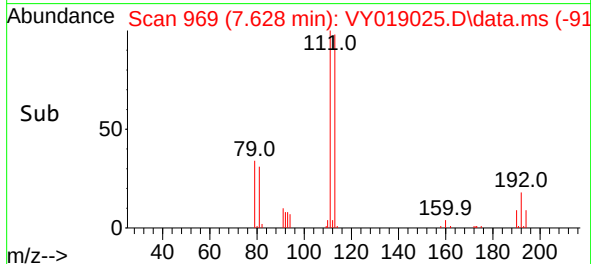
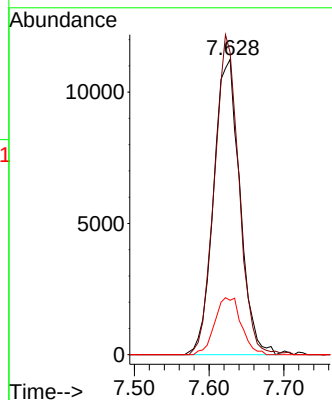
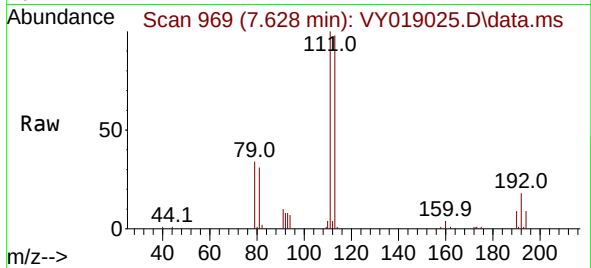




#35
Dibromofluoromethane
Concen: 51.136 ug/l
RT: 7.628 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019025.D
Acq: 13 Aug 2024 13:28

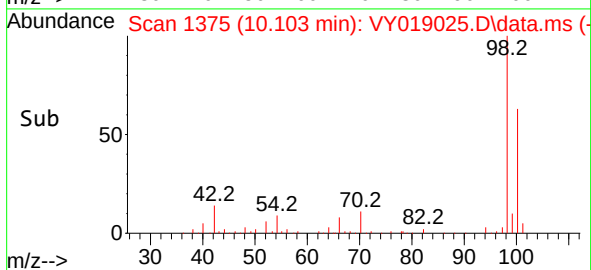
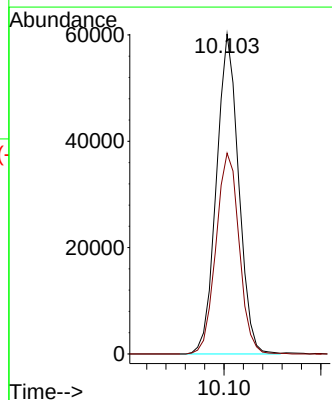
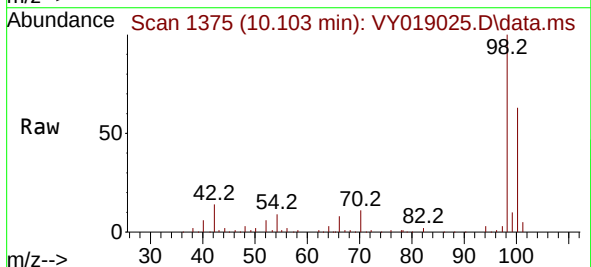
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-17-080724RE

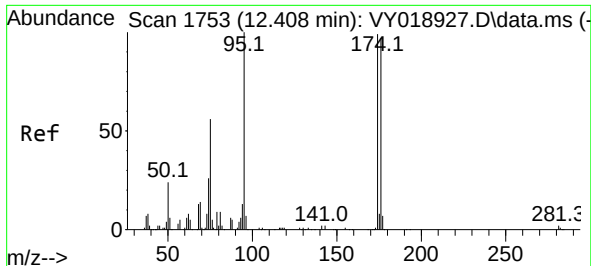
Tgt Ion:113 Resp: 27462
Ion Ratio Lower Upper
113 100
111 101.0 82.2 123.4
192 19.5 15.9 23.9



#50
Toluene-d8
Concen: 46.402 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY019025.D
Acq: 13 Aug 2024 13:28

Tgt Ion: 98 Resp: 95718
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0

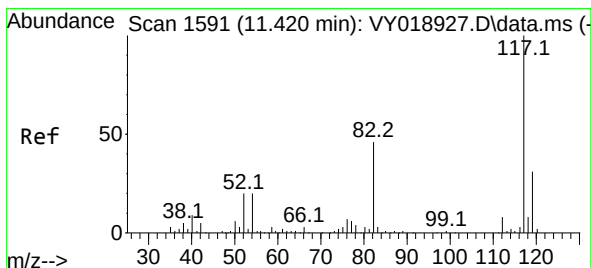
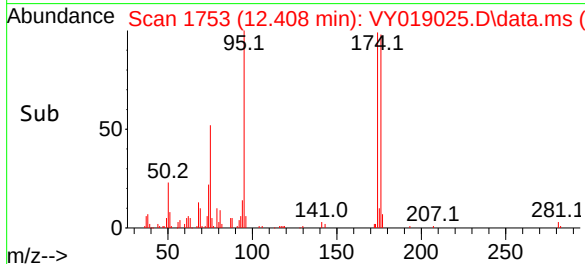
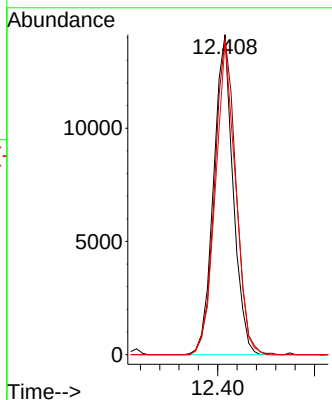
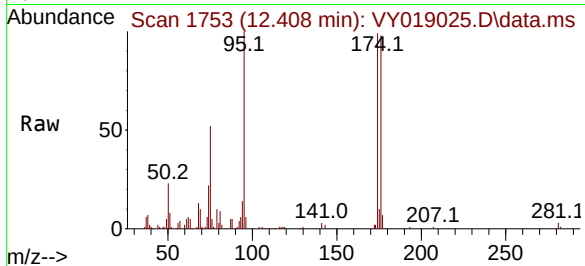




#62
4-Bromofluorobenzene
Concen: 32.249 ug/l
RT: 12.408 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019025.D
Acq: 13 Aug 2024 13:28

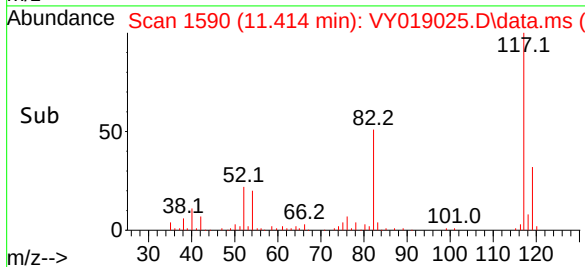
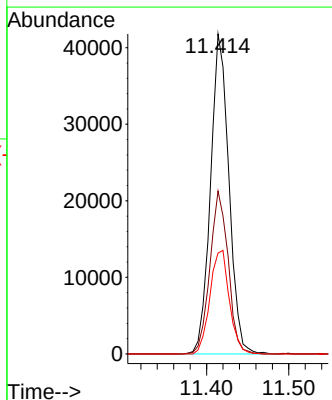
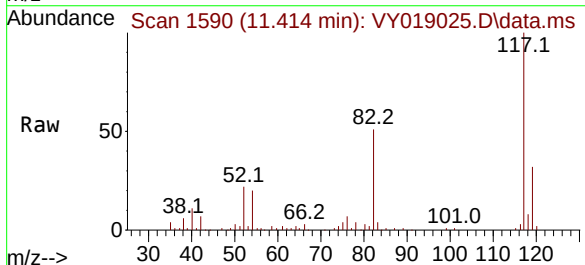
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-17-080724RE

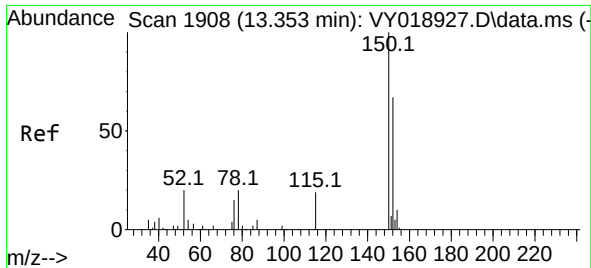
Tgt Ion:	95	Resp:	19736
Ion	Ratio	Lower	Upper
95	100		
174	107.6	0.0	175.6
176	100.8	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019025.D
Acq: 13 Aug 2024 13:28

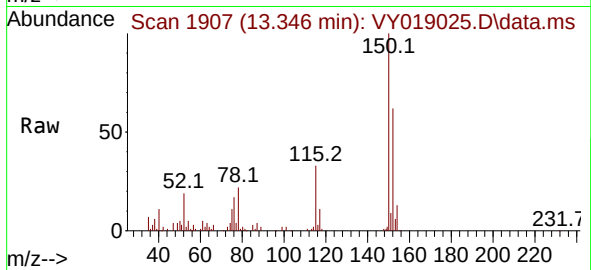
Tgt Ion:	117	Resp:	64929
Ion	Ratio	Lower	Upper
117	100		
82	50.9	42.4	63.6
119	31.5	25.9	38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.006 min
 Lab File: VY019025.D
 Acq: 13 Aug 2024 13:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-17-080724RE



Tgt Ion:	152	Resp:	18813
Ion	Ratio	Lower	Upper
152	100		
115	54.8	28.2	84.7
150	159.3	0.0	345.6

