

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081224\
 Data File : VY019000.D
 Acq On : 12 Aug 2024 14:21
 Operator : SY/MD
 Sample : P3519-13
 Misc : 5.14g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-22-080724

Quant Time: Aug 13 06:41:09 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)

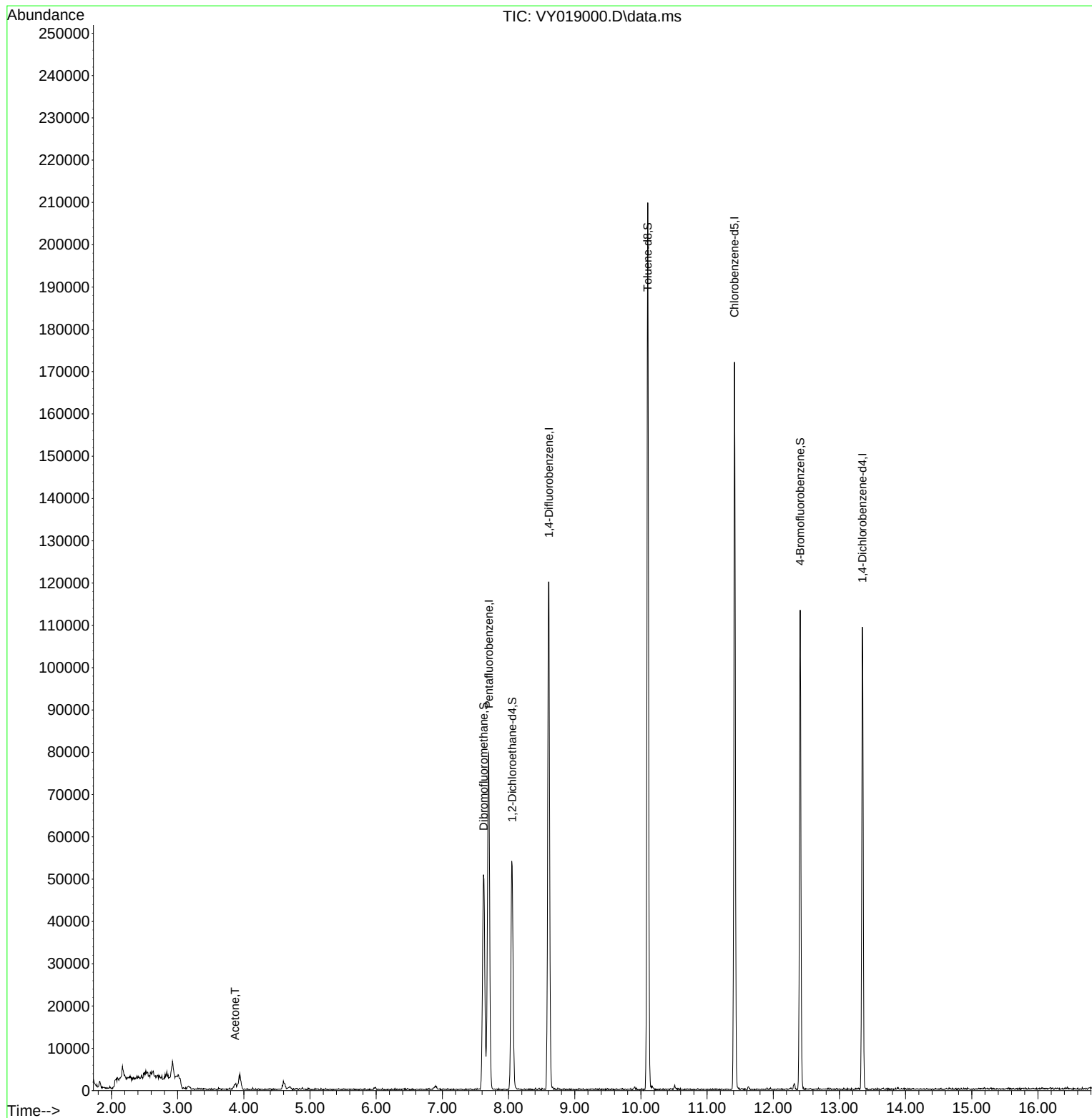
Internal Standards						
1) Pentafluorobenzene	7.701	168	64622	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	104190	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	82489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	25385	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	34215	60.304	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.600%
35) Dibromofluoromethane	7.622	113	33439	50.250	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.500%
50) Toluene-d8	10.103	98	123666	48.382	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.760%
62) 4-Bromofluorobenzene	12.408	95	27500	36.264	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	72.520%
Target Compounds						
16) Acetone	3.866	43	2225	26.964	ug/l	Qvalue # 78

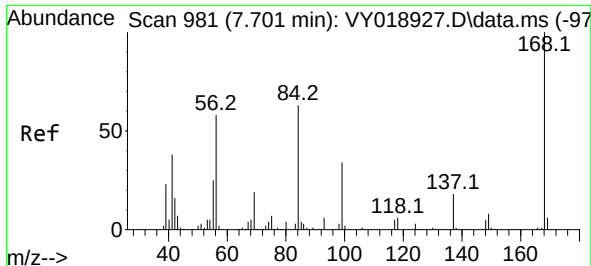
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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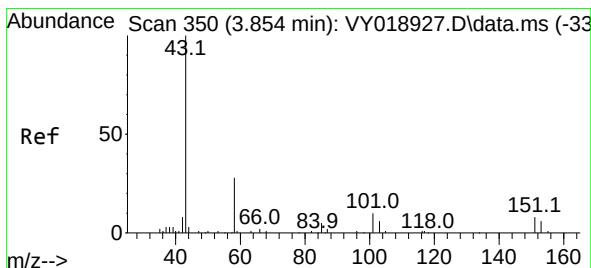
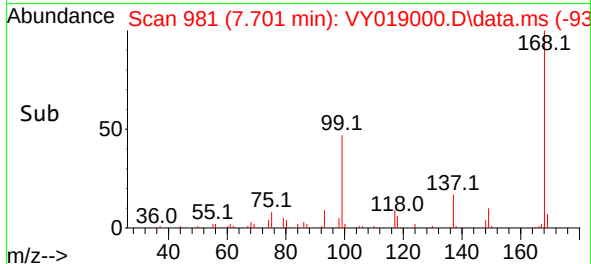
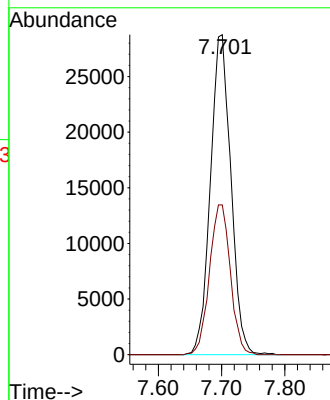
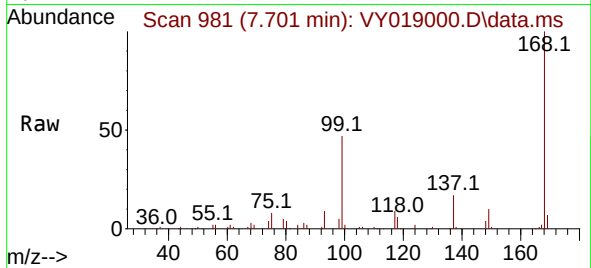




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019000.D
Acq: 12 Aug 2024 14:21

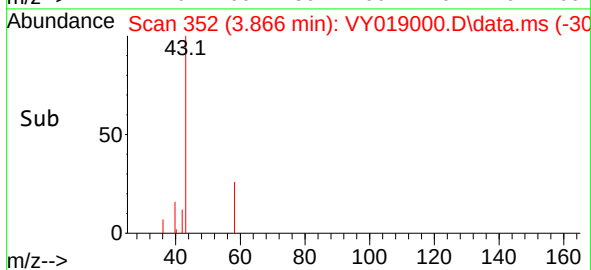
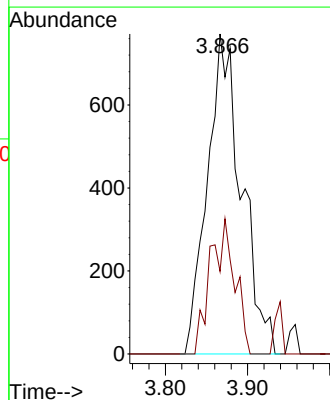
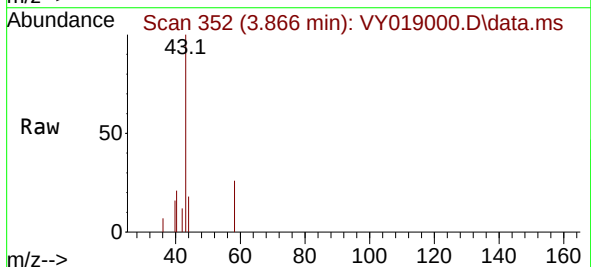
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-22-080724

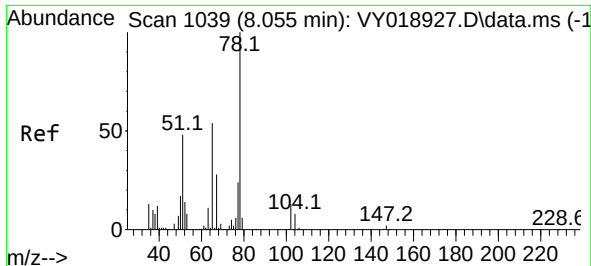
Tgt Ion:168 Resp: 64622
Ion Ratio Lower Upper
168 100
99 46.8 39.1 58.7



#16
Acetone
Concen: 26.964 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY019000.D
Acq: 12 Aug 2024 14:21

Tgt Ion: 43 Resp: 2225
Ion Ratio Lower Upper
43 100
58 25.8 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 60.304 ug/l

RT: 8.055 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY019000.D

Acq: 12 Aug 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

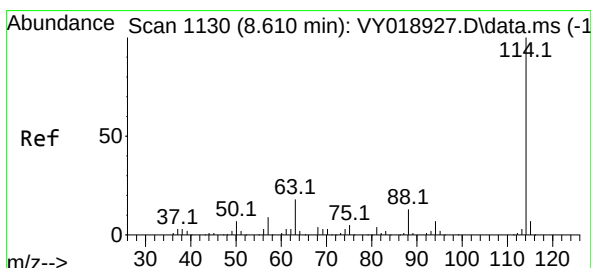
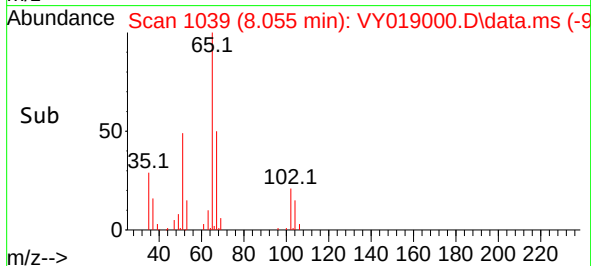
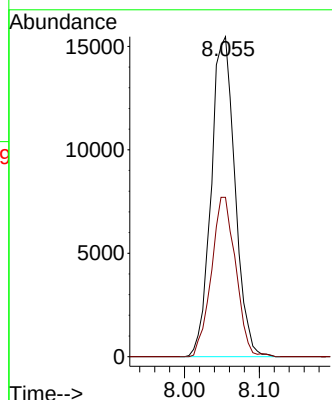
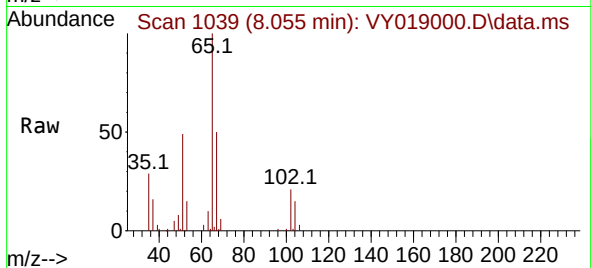
OU4-TS-22-080724

Tgt Ion: 65 Resp: 34215

Ion Ratio Lower Upper

65 100

67 51.0 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: VY019000.D

Acq: 12 Aug 2024 14:21

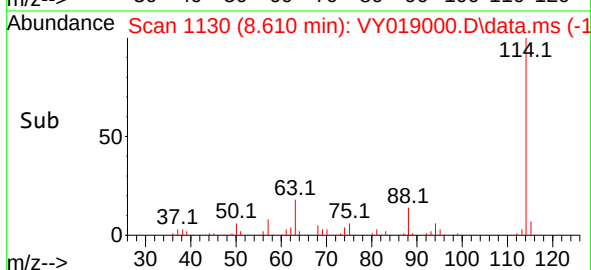
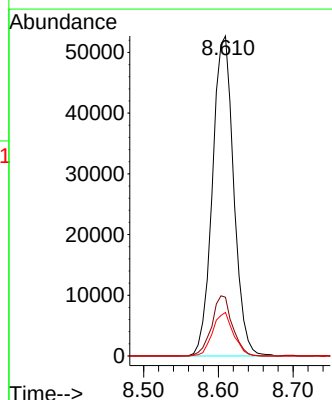
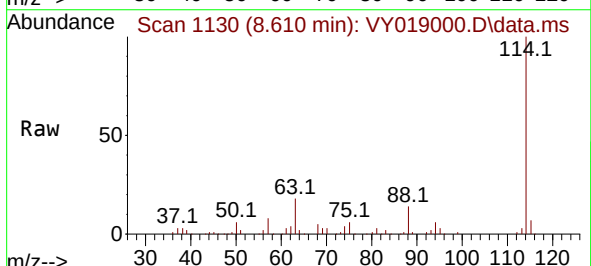
Tgt Ion: 114 Resp: 104190

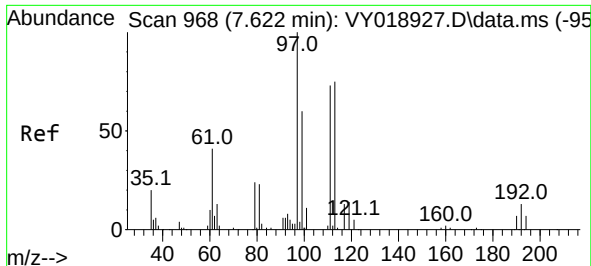
Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.0

88 13.6 0.0 27.2

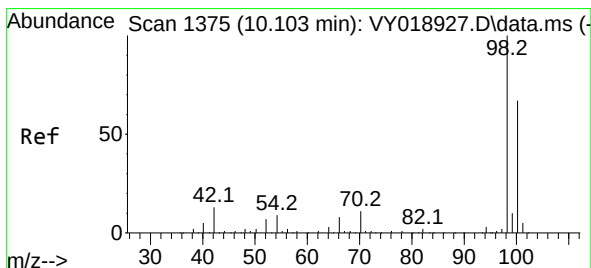
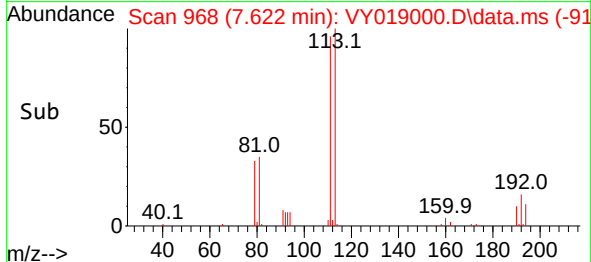
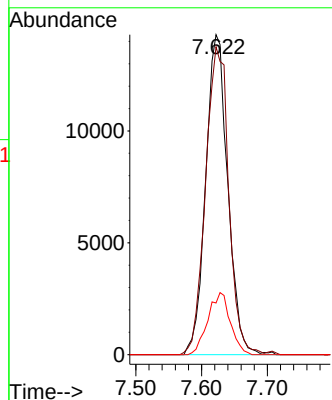
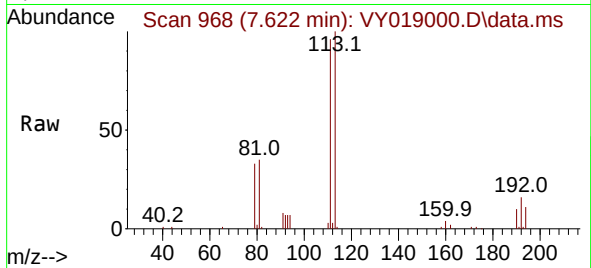




#35
Dibromofluoromethane
Concen: 50.250 ug/l
RT: 7.622 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019000.D
Acq: 12 Aug 2024 14:21

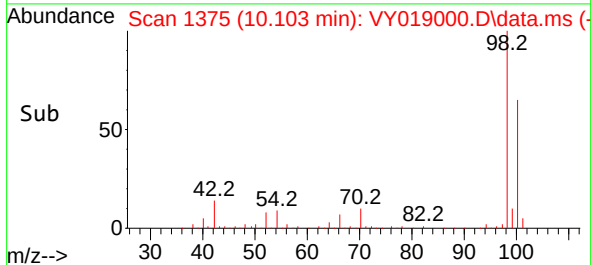
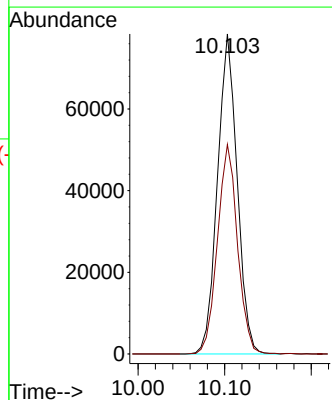
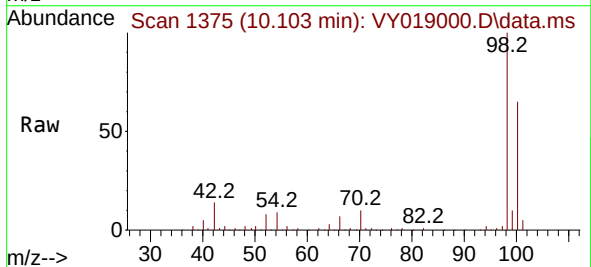
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-22-080724

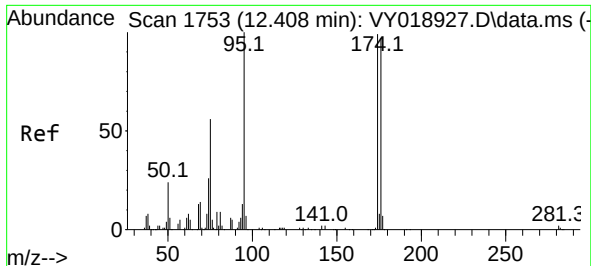
Tgt Ion:113 Resp: 33439
Ion Ratio Lower Upper
113 100
111 100.9 82.2 123.4
192 19.7 15.9 23.9



#50
Toluene-d8
Concen: 48.382 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY019000.D
Acq: 12 Aug 2024 14:21

Tgt Ion: 98 Resp: 123666
Ion Ratio Lower Upper
98 100
100 66.8 52.0 78.0

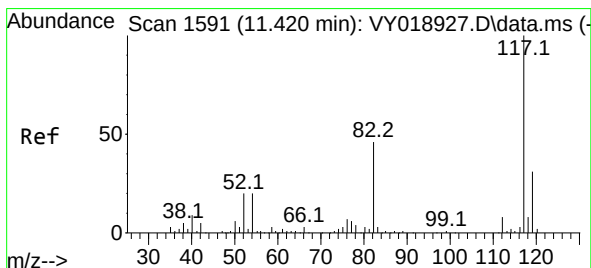
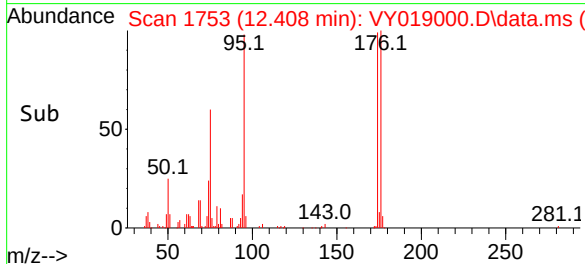
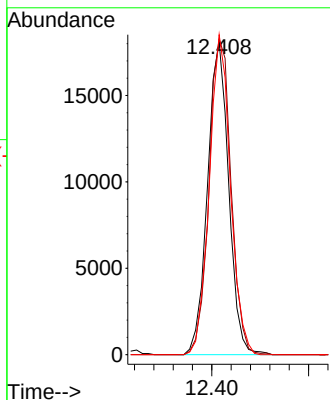
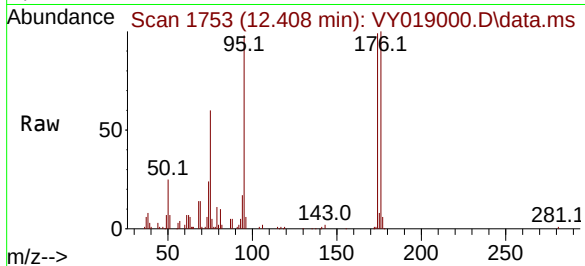




#62
4-Bromofluorobenzene
Concen: 36.264 ug/l
RT: 12.408 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019000.D
Acq: 12 Aug 2024 14:21

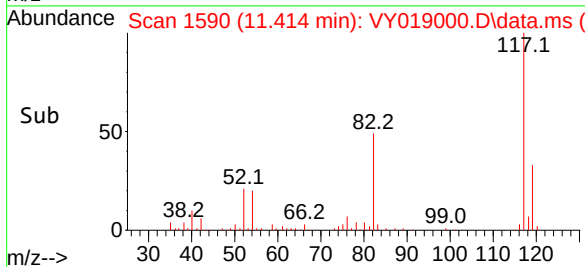
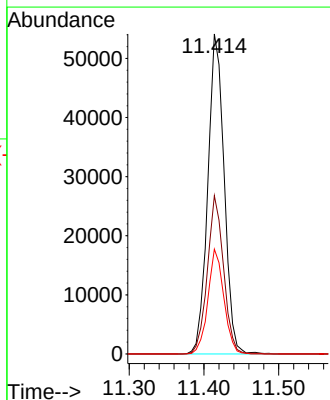
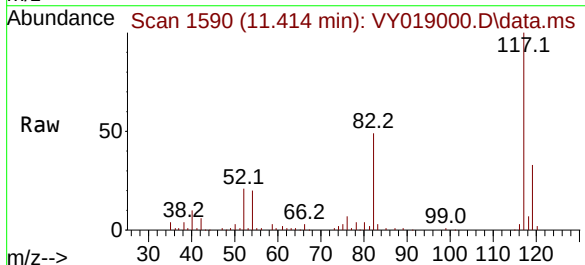
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-22-080724

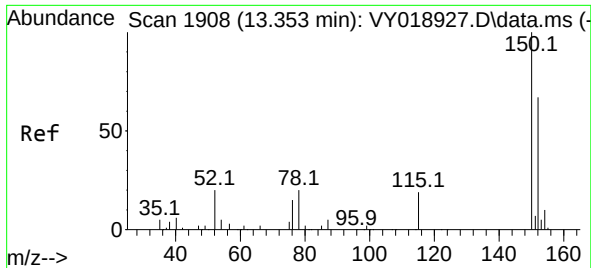
Tgt Ion:	95	Resp:	27500
Ion	Ratio	Lower	Upper
95	100		
174	105.3	0.0	175.6
176	102.1	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019000.D
Acq: 12 Aug 2024 14:21

Tgt Ion:	117	Resp:	82489
Ion	Ratio	Lower	Upper
117	100		
82	49.5	42.4	63.6
119	32.8	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: VY019000.D

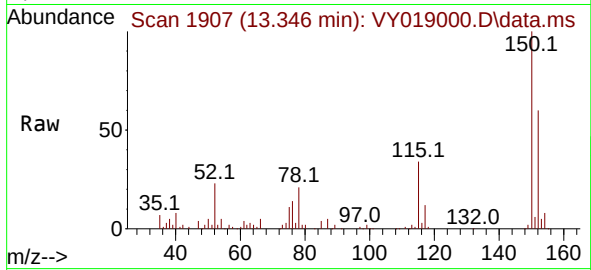
Acq: 12 Aug 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-22-080724



Tgt Ion:152 Resp: 25385

Ion Ratio Lower Upper

152 100

115 52.2 28.2 84.7

150 156.8 0.0 345.6

