

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082024\
 Data File : VY019157.D
 Acq On : 20 Aug 2024 17:40
 Operator : SY/MD
 Sample : P3643-10
 Misc : 8.42g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 21 01:32:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

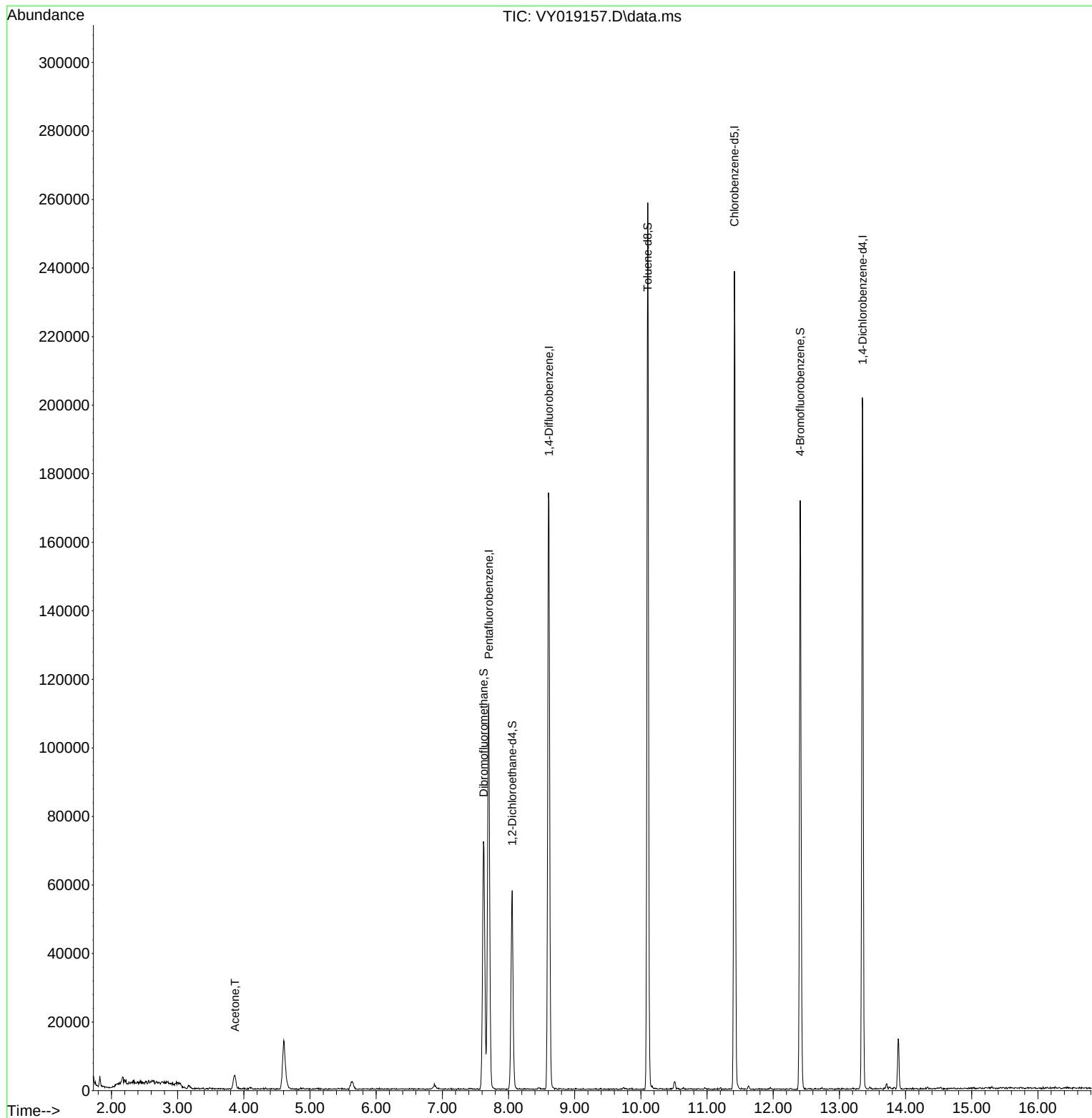
Internal Standards						
1) Pentafluorobenzene	7.701	168	87217	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	157157	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	127859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	52176	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	43340	49.572	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.140%
35) Dibromofluoromethane	7.622	113	51274	49.898	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.800%
50) Toluene-d8	10.103	98	162698	43.997	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.000%
62) 4-Bromofluorobenzene	12.408	95	47892	37.991	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	75.980%
Target Compounds						
16) Acetone	3.866	43	7207	44.450	ug/l	Qvalue 91

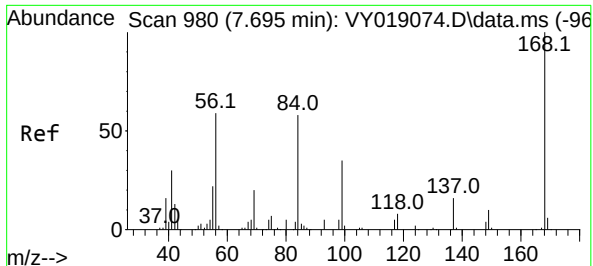
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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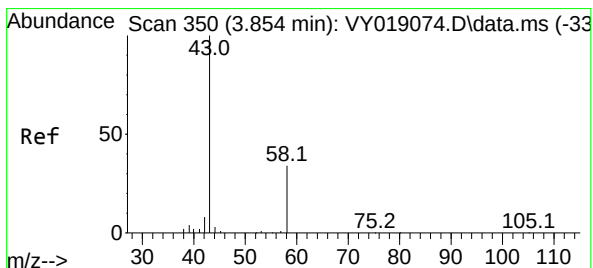
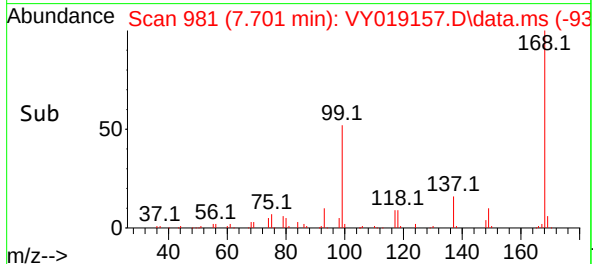
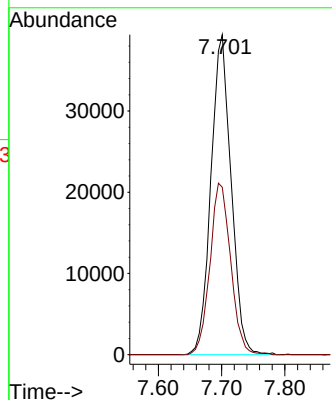
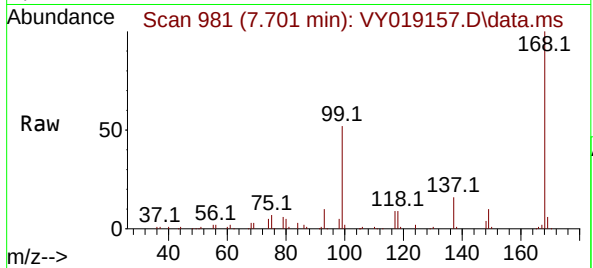




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019157.D
Acq: 20 Aug 2024 17:40

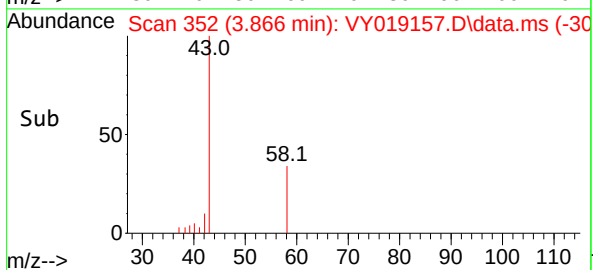
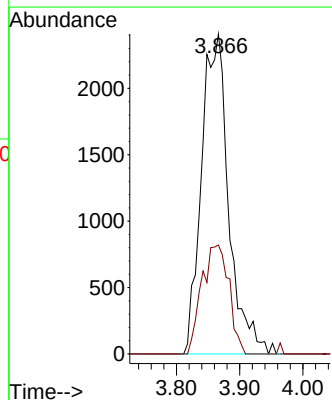
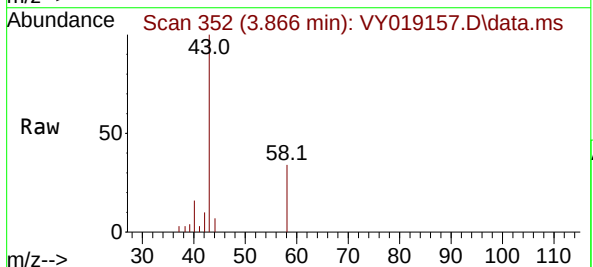
Instrument :
MSVOA_Y
ClientSampleId :

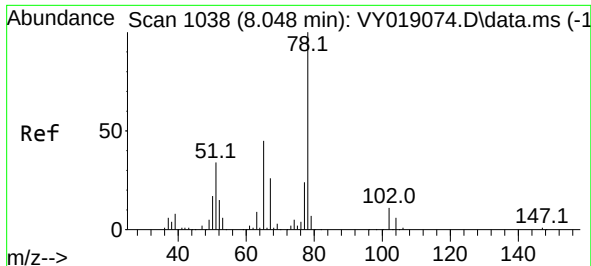
Tgt Ion:168 Resp: 87217
Ion Ratio Lower Upper
168 100
99 52.3 39.1 58.7



#16
Acetone
Concen: 44.450 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY019157.D
Acq: 20 Aug 2024 17:40

Tgt Ion: 43 Resp: 7207
Ion Ratio Lower Upper
43 100
58 34.1 31.7 47.5





#33

1,2-Dichloroethane-d4

Concen: 49.572 ug/l

RT: 8.055 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019157.D

Acq: 20 Aug 2024 17:40

Instrument :

MSVOA_Y

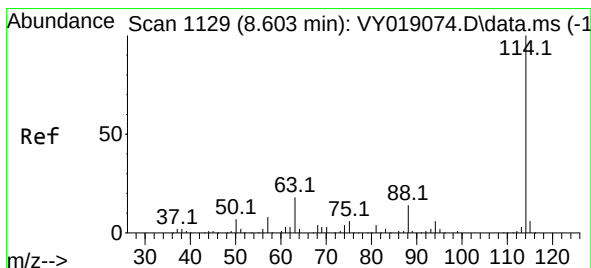
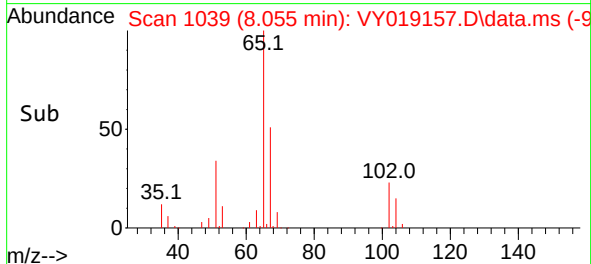
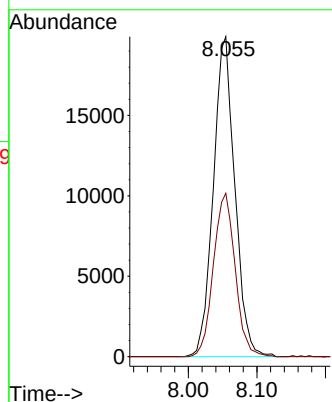
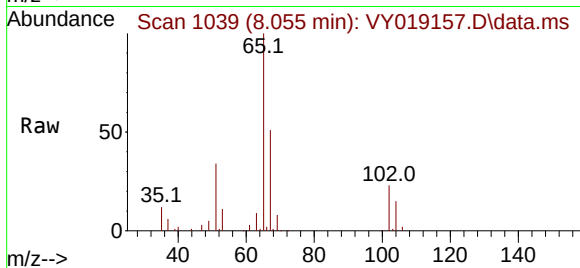
ClientSampleId :

Tgt Ion: 65 Resp: 43340

Ion Ratio Lower Upper

65 100

67 51.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019157.D

Acq: 20 Aug 2024 17:40

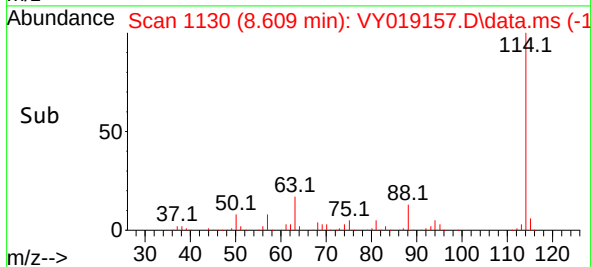
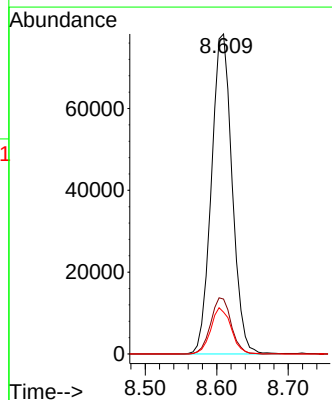
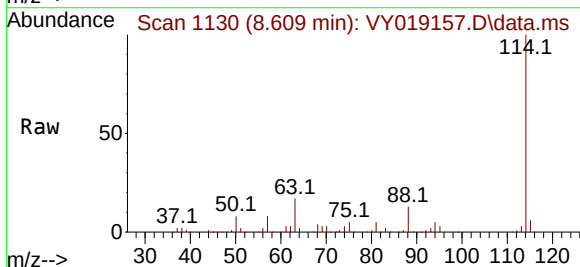
Tgt Ion: 114 Resp: 157157

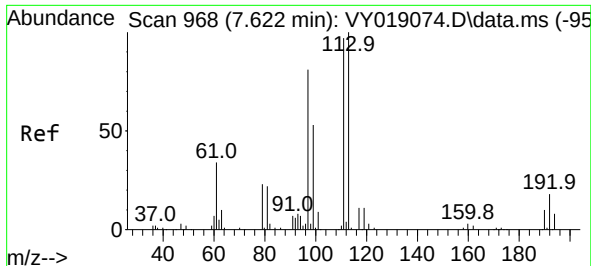
Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

88 13.0 0.0 27.2

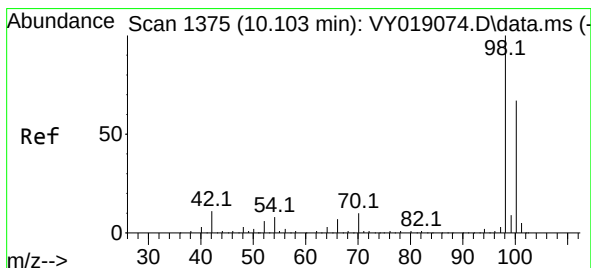
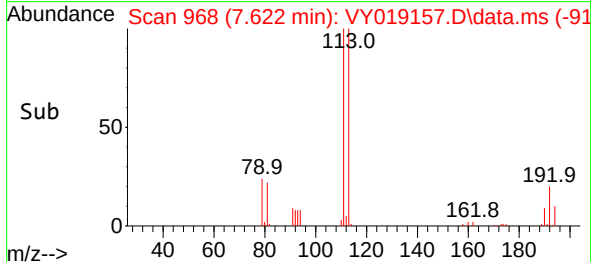
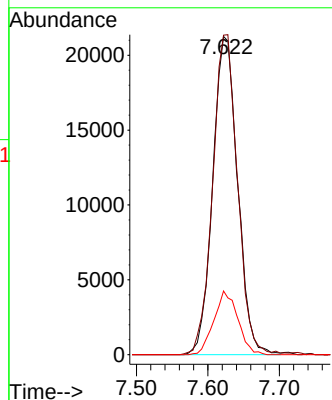
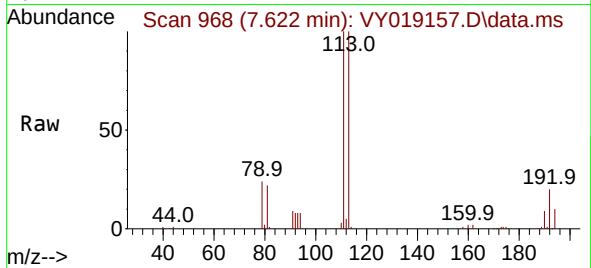




#35
Dibromofluoromethane
Concen: 49.898 ug/l
RT: 7.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019157.D
Acq: 20 Aug 2024 17:40

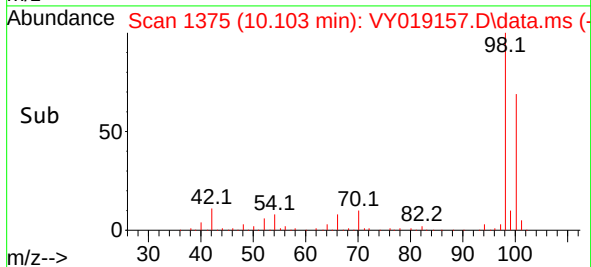
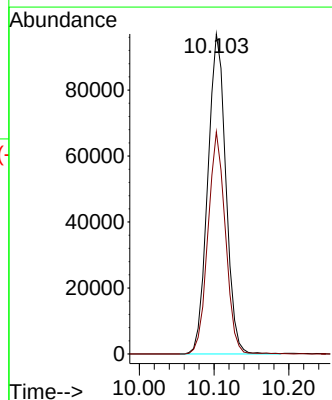
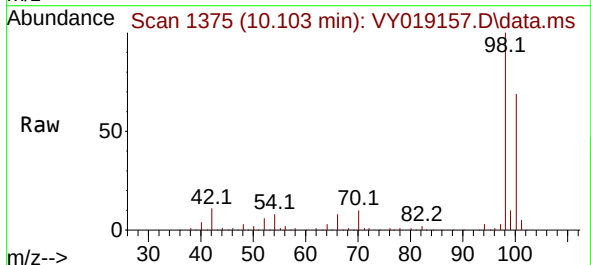
Instrument :
MSVOA_Y
ClientSampleId :

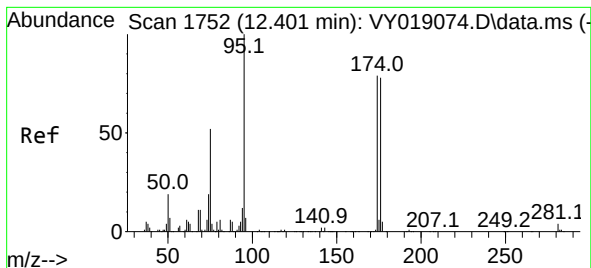
Tgt Ion:113 Resp: 51274
Ion Ratio Lower Upper
113 100
111 100.8 82.2 123.4
192 19.2 15.9 23.9



#50
Toluene-d8
Concen: 43.997 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019157.D
Acq: 20 Aug 2024 17:40

Tgt Ion: 98 Resp: 162698
Ion Ratio Lower Upper
98 100
100 66.9 52.0 78.0

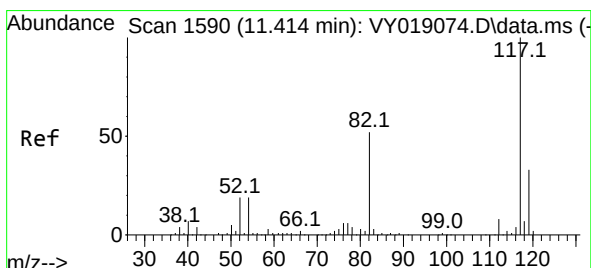
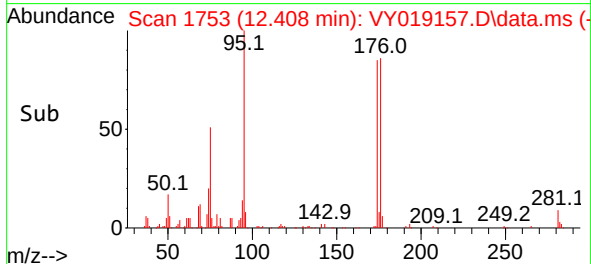
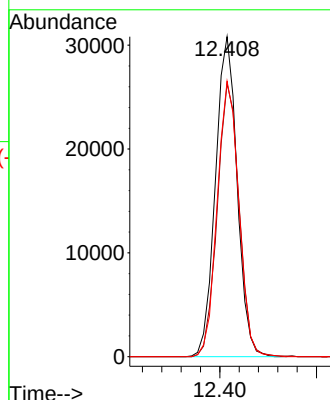
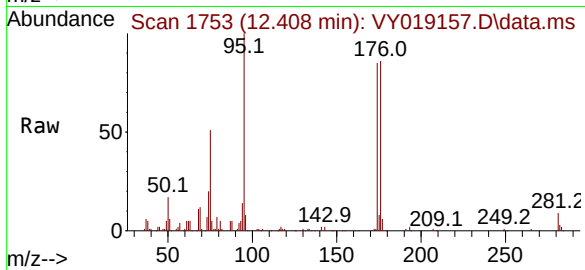




#62
4-Bromofluorobenzene
Concen: 37.991 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019157.D
Acq: 20 Aug 2024 17:40

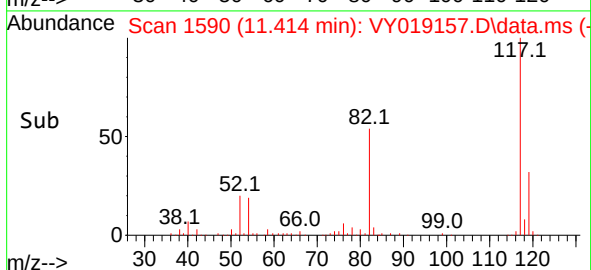
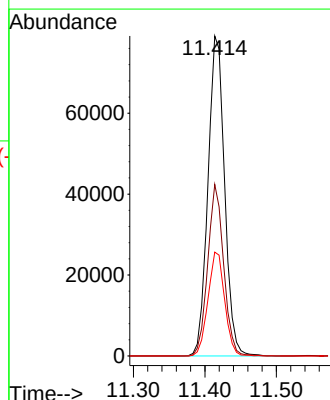
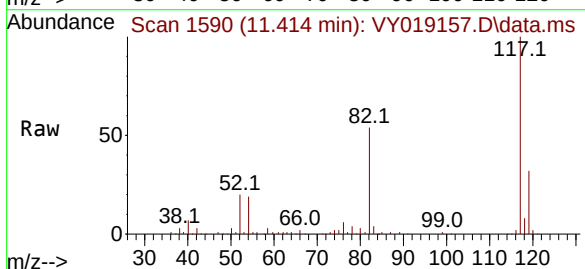
Instrument :
MSVOA_Y
ClientSampleId :

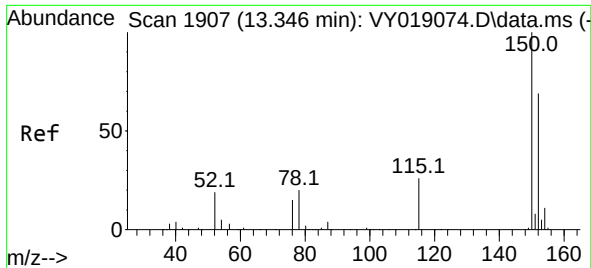
Tgt Ion: 95 Resp: 47892
Ion Ratio Lower Upper
95 100
174 85.9 0.0 175.6
176 86.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY019157.D
Acq: 20 Aug 2024 17:40

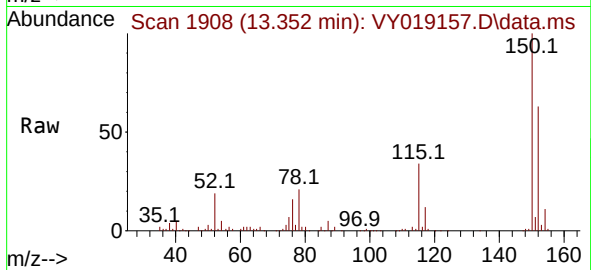
Tgt Ion: 117 Resp: 127859
Ion Ratio Lower Upper
117 100
82 53.6 42.4 63.6
119 32.4 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.352 min Scan# 1908
 Delta R.T. 0.006 min
 Lab File: VY019157.D
 Acq: 20 Aug 2024 17:40

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	152	Resp:	52176
Ion	Ratio	Lower	Upper
152	100		
115	56.3	28.2	84.7
150	156.7	0.0	345.6

