

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082024\
 Data File : VY019161.D
 Acq On : 20 Aug 2024 19:17
 Operator : SY/MD
 Sample : P3643-14
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 921-J-SD-0.5-1-081524-FD

Quant Time: Aug 21 01:34:15 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)

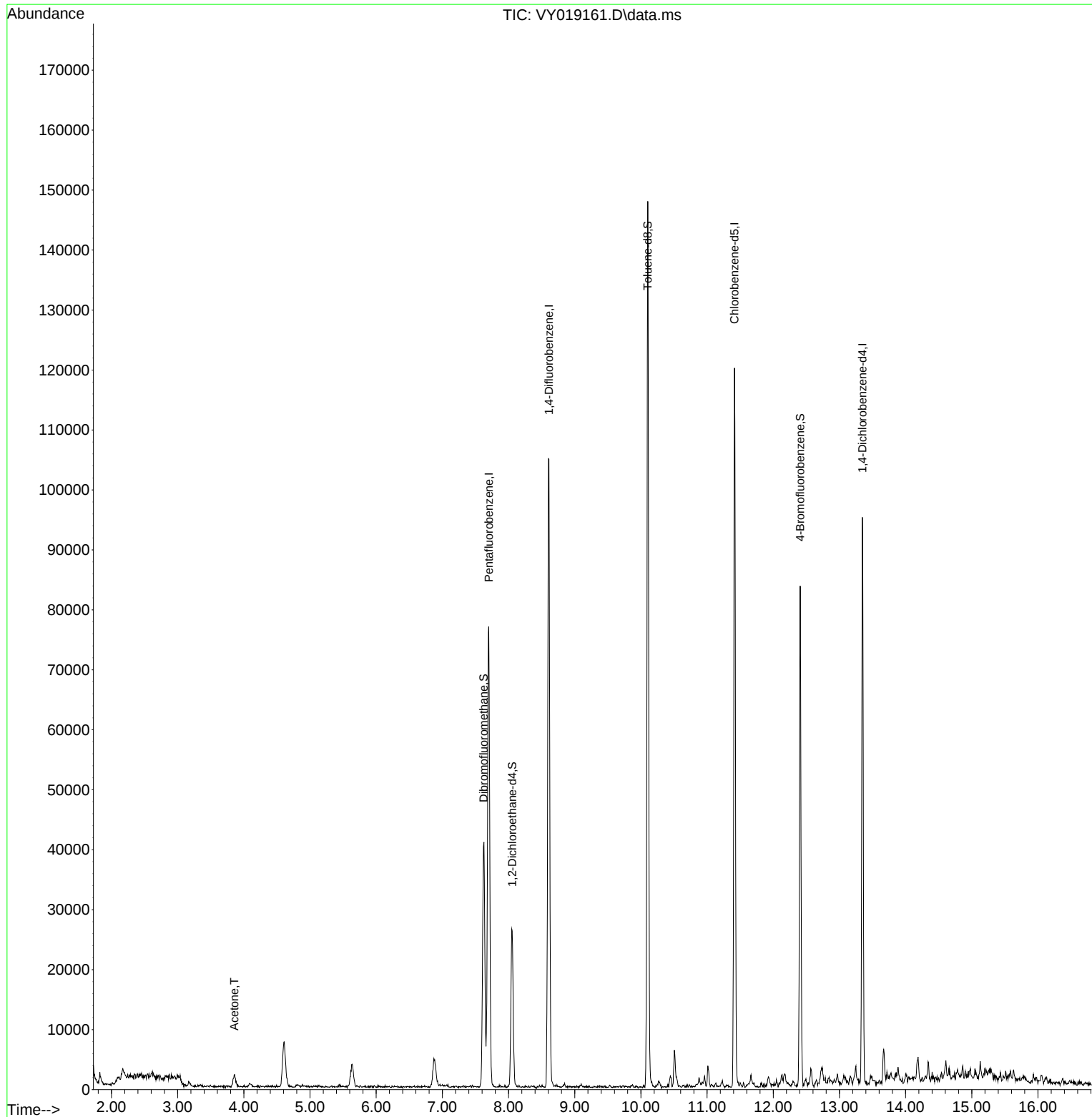
Internal Standards						
1) Pentafluorobenzene	7.701	168	60410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	93776	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	65299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	23773	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	21139	34.908	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	69.820%		
35) Dibromofluoromethane	7.622	113	28940	47.198	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.400%		
50) Toluene-d8	10.103	98	93249	42.260	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	84.520%		
62) 4-Bromofluorobenzene	12.408	95	23847	31.702	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	63.400%		
Target Compounds						
16) Acetone	3.854	43	3437	30.605	ug/l	Qvalue 92

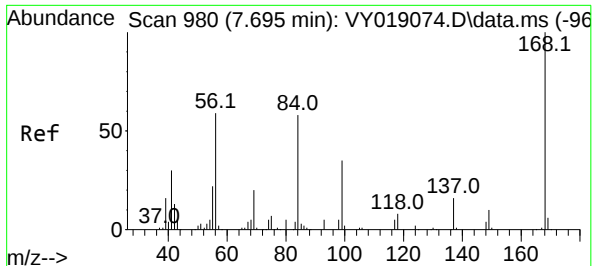
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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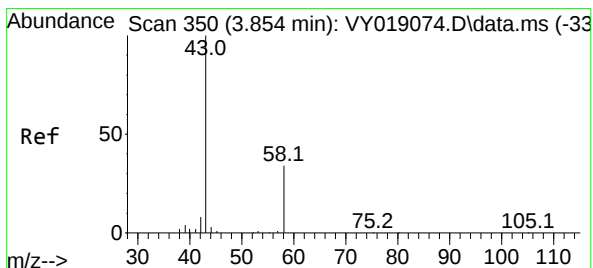
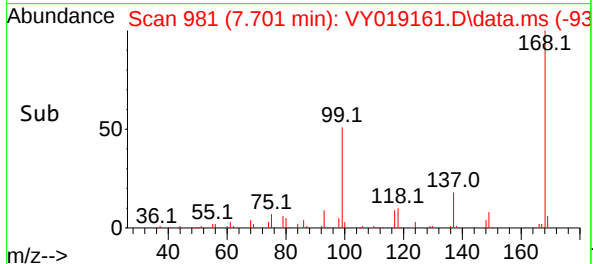
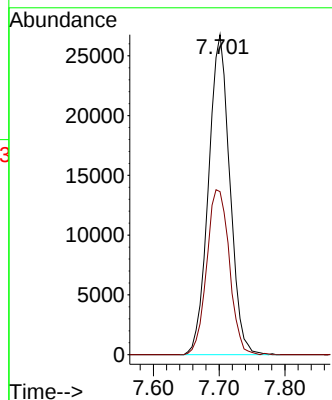
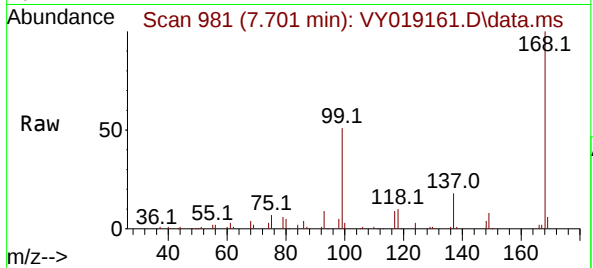




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019161.D
Acq: 20 Aug 2024 19:17

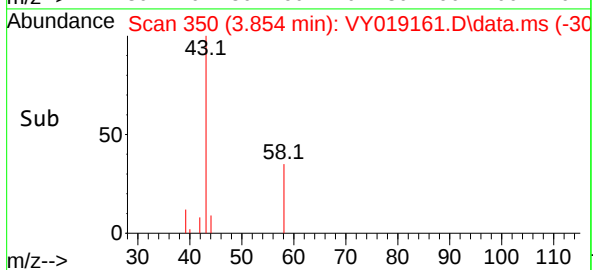
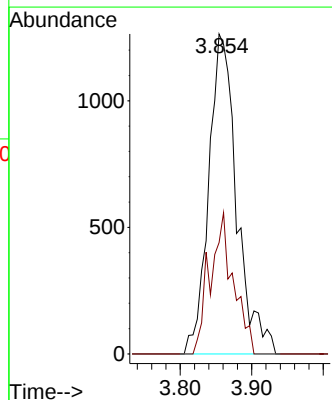
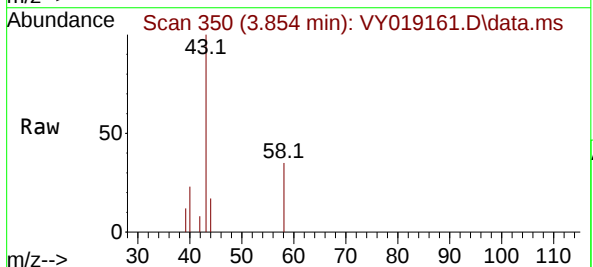
Instrument :
MSVOA_Y
ClientSampleId :
921-J-SD-0.5-1-081524-FD

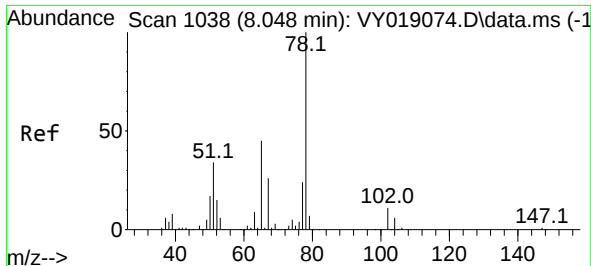
Tgt Ion:168 Resp: 60410
Ion Ratio Lower Upper
168 100
99 51.0 39.1 58.7



#16
Acetone
Concen: 30.605 ug/l
RT: 3.854 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY019161.D
Acq: 20 Aug 2024 19:17

Tgt Ion: 43 Resp: 3437
Ion Ratio Lower Upper
43 100
58 34.8 31.7 47.5





#33

1,2-Dichloroethane-d4

Concen: 34.908 ug/l

RT: 8.055 min Scan# 110

Delta R.T. 0.007 min

Lab File: VY019161.D

Acq: 20 Aug 2024 19:17

Instrument :

MSVOA_Y

ClientSampleId :

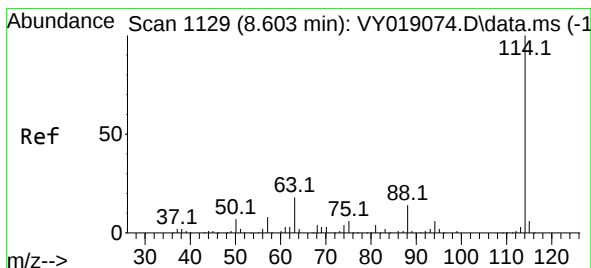
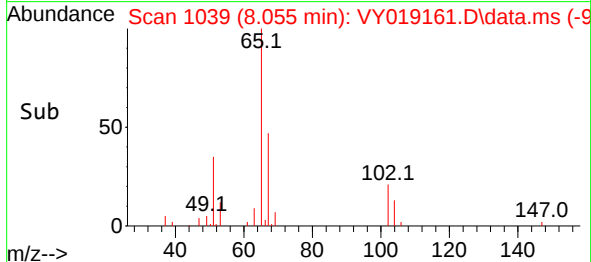
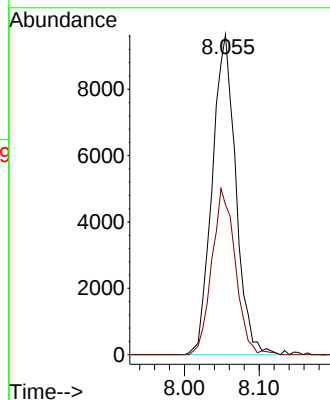
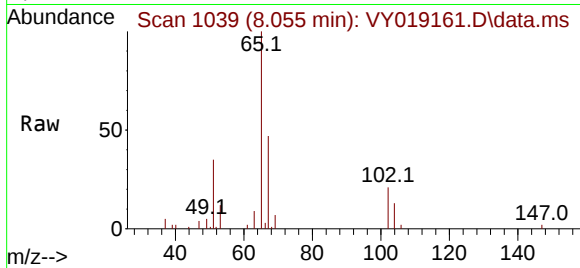
921-J-SD-0.5-1-081524-FD

Tgt Ion: 65 Resp: 21139

Ion Ratio Lower Upper

65 100

67 51.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.007 min

Lab File: VY019161.D

Acq: 20 Aug 2024 19:17

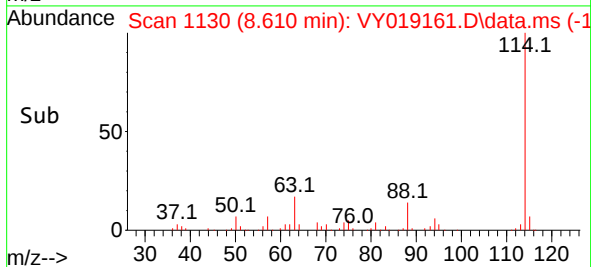
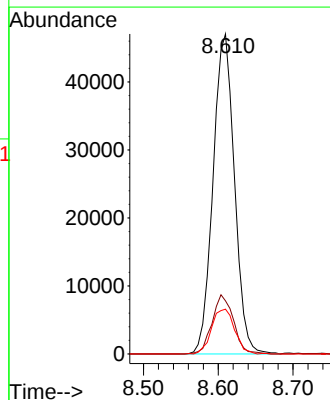
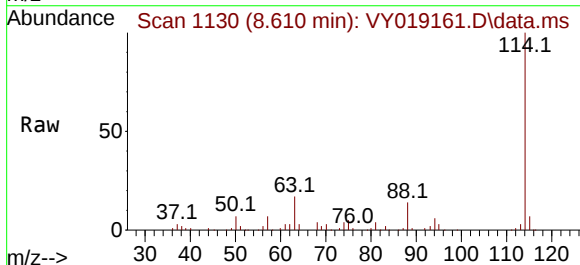
Tgt Ion: 114 Resp: 93776

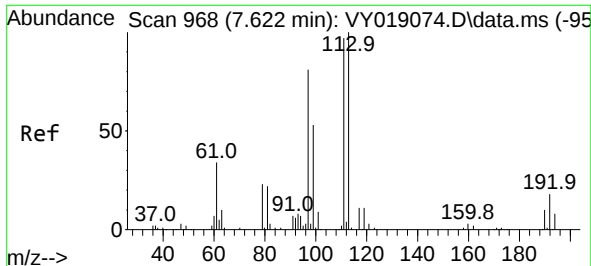
Ion Ratio Lower Upper

114 100

63 16.6 0.0 35.0

88 14.0 0.0 27.2

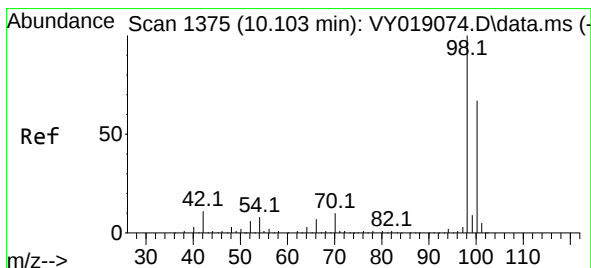
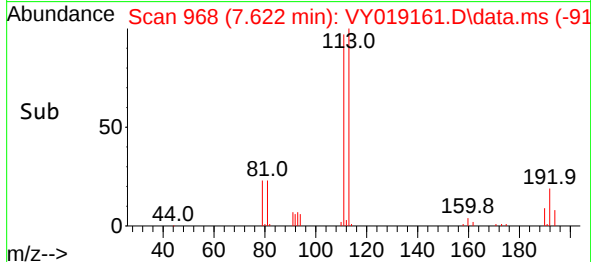
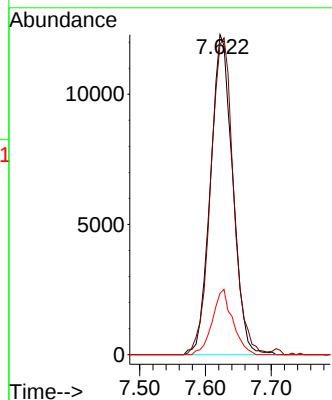
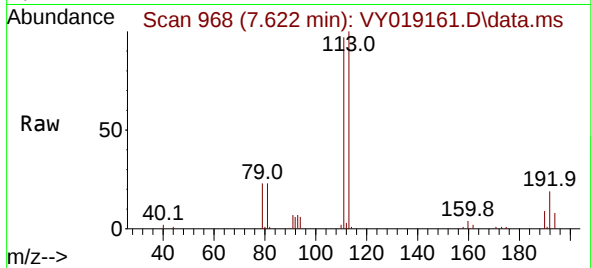




#35
Dibromofluoromethane
Concen: 47.198 ug/l
RT: 7.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019161.D
Acq: 20 Aug 2024 19:17

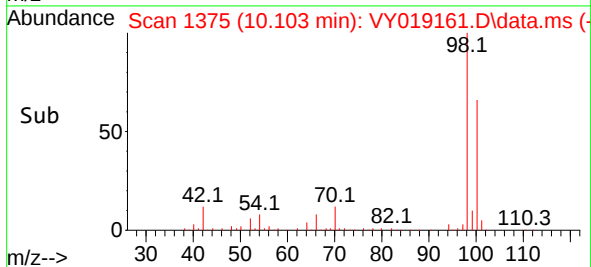
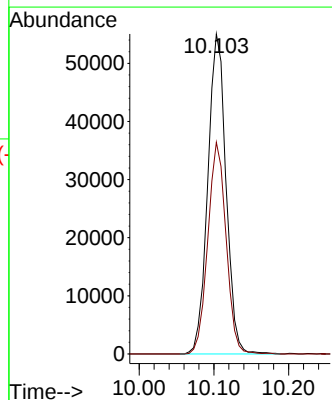
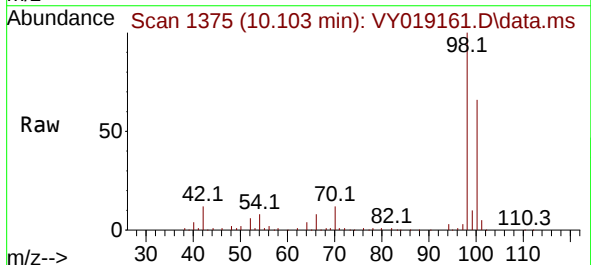
Instrument :
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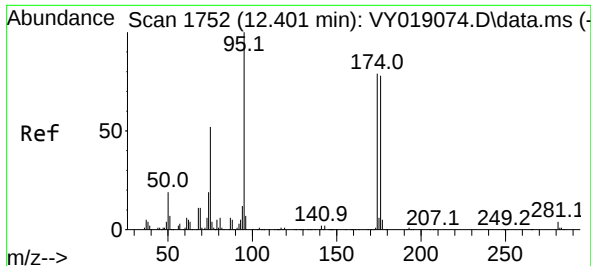
Tgt Ion:113 Resp: 28940
Ion Ratio Lower Upper
113 100
111 101.3 82.2 123.4
192 18.6 15.9 23.9



#50
Toluene-d8
Concen: 42.260 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019161.D
Acq: 20 Aug 2024 19:17

Tgt Ion: 98 Resp: 93249
Ion Ratio Lower Upper
98 100
100 66.2 52.0 78.0

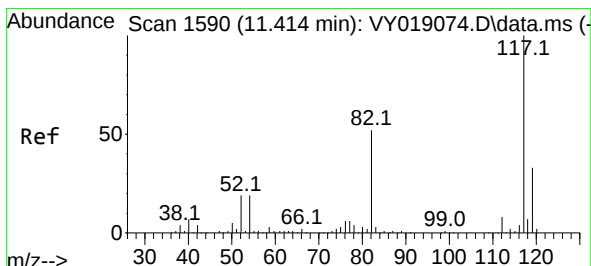
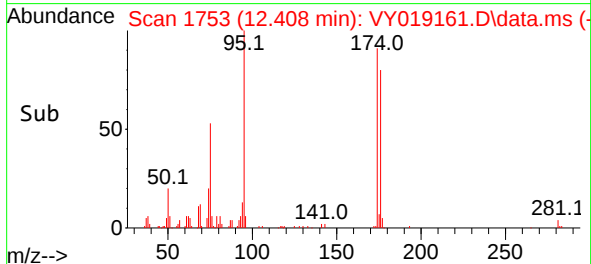
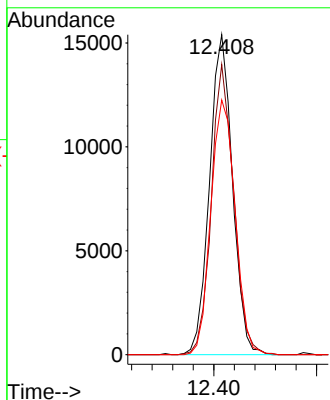
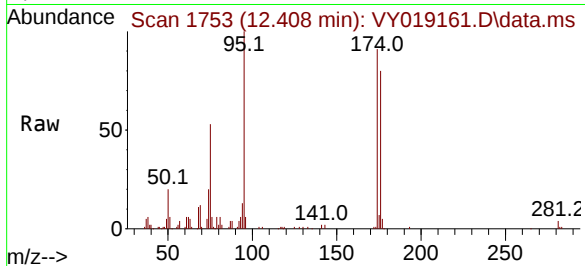




#62
4-Bromofluorobenzene
Concen: 31.702 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019161.D
Acq: 20 Aug 2024 19:17

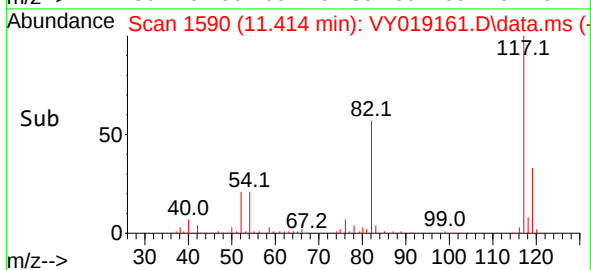
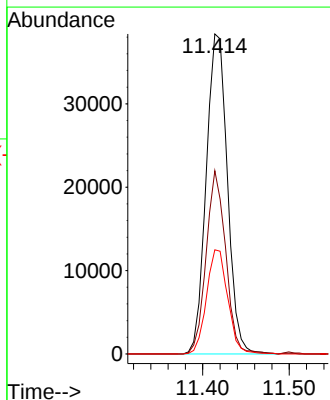
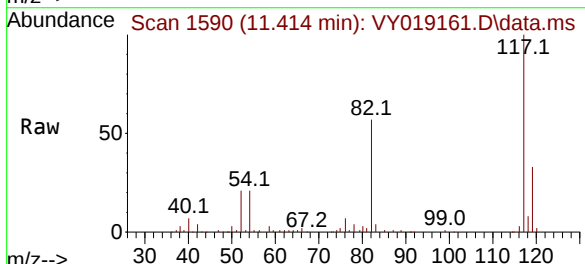
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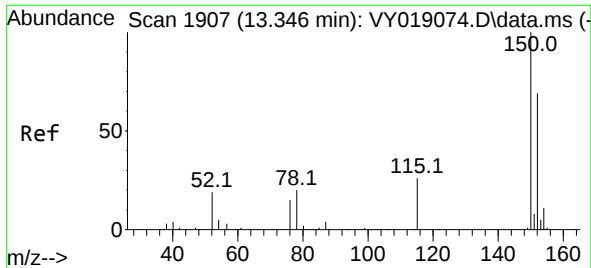
Tgt Ion:	95	Resp:	23847
Ion	Ratio	Lower	Upper
95	100		
174	88.0	0.0	175.6
176	84.3	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY019161.D
Acq: 20 Aug 2024 19:17

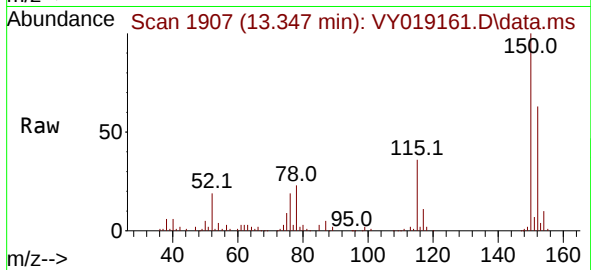
Tgt Ion:	117	Resp:	65299
Ion	Ratio	Lower	Upper
117	100		
82	57.2	42.4	63.6
119	32.5	25.9	38.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019161.D
Acq: 20 Aug 2024 19:17

Instrument :
MSVOA_Y
ClientSampleId :
921-J-SD-0.5-1-081524-FD



Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.3	28.2	84.7
150	154.1	0.0	345.6

