

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082324\
 Data File : VY019263.D
 Acq On : 23 Aug 2024 17:31
 Operator : SY/MD
 Sample : P3707-05
 Misc : 7.21g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-913-K1-SO-0-0.5-082024

Quant Time: Aug 23 23:00:04 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)

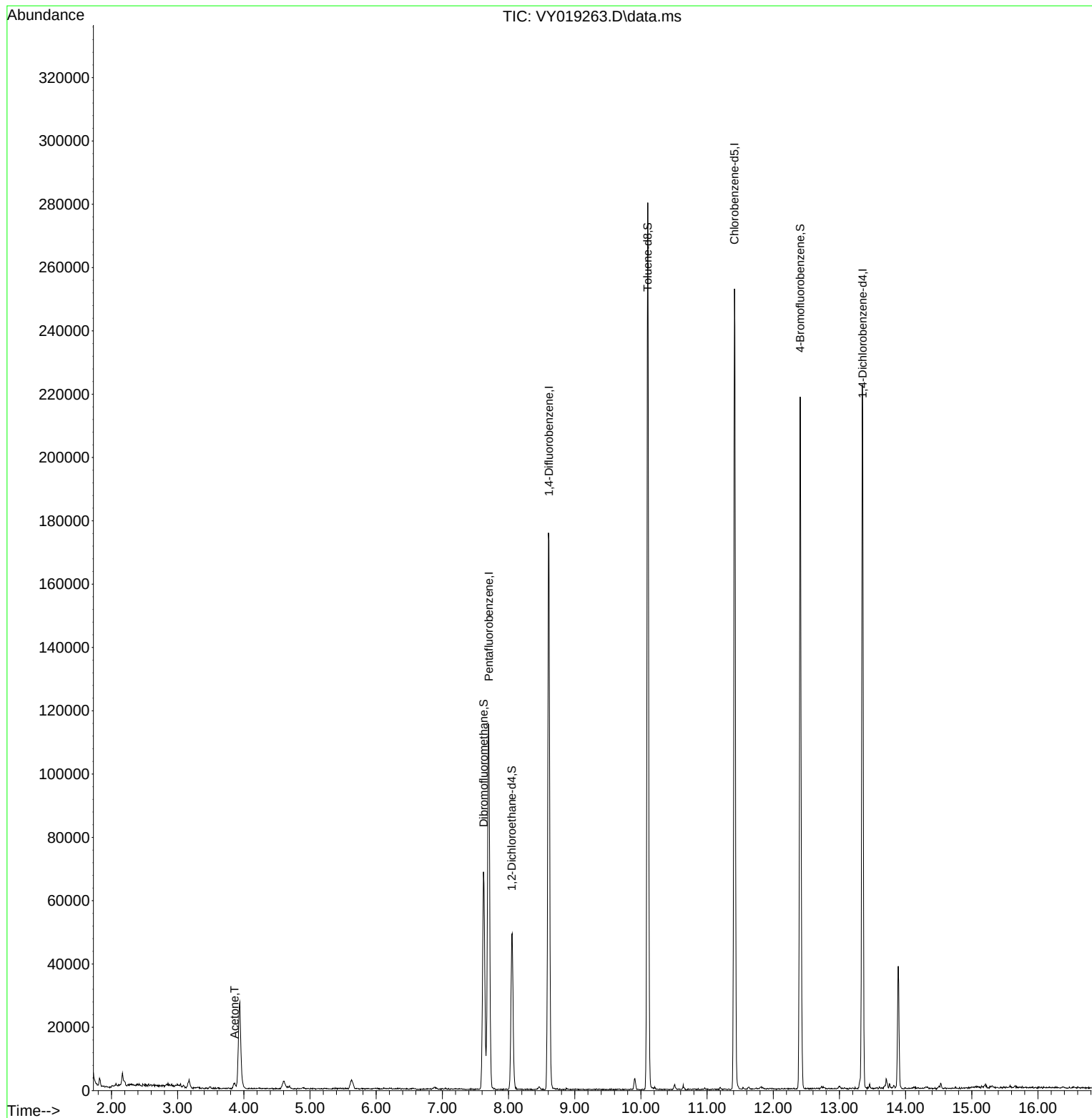
Internal Standards						
1) Pentafluorobenzene	7.701	168	91893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	154222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	139311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	55791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	38424	41.713	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.420%
35) Dibromofluoromethane	7.622	113	48564	48.160	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.320%
50) Toluene-d8	10.103	98	178504	49.190	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.380%
62) 4-Bromofluorobenzene	12.408	95	60833	49.175	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	98.340%
Target Compounds						
16) Acetone	3.860	43	2892	16.929	ug/l	Qvalue # 83

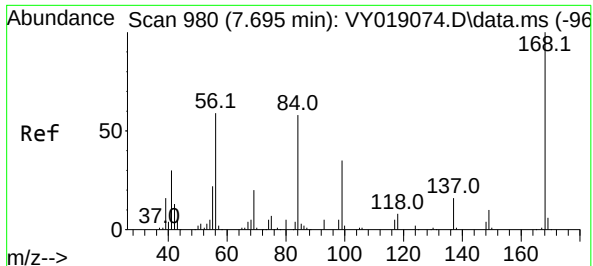
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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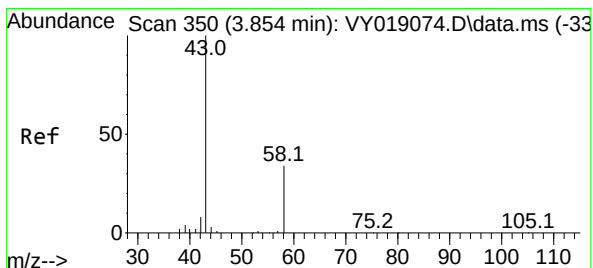
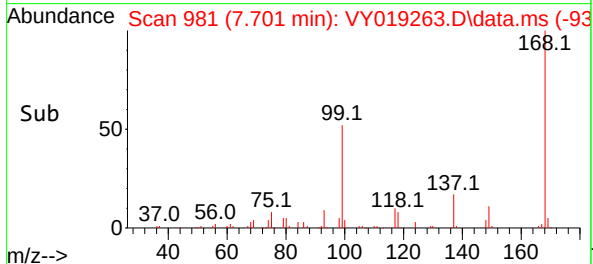
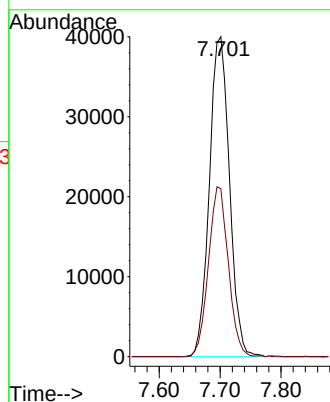
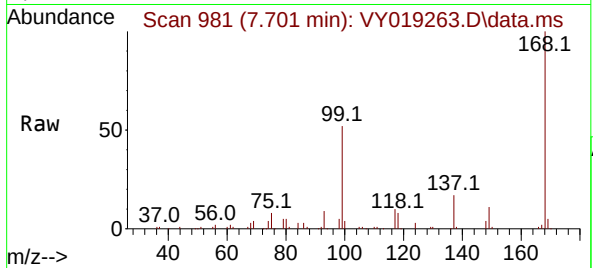




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019263.D
Acq: 23 Aug 2024 17:31

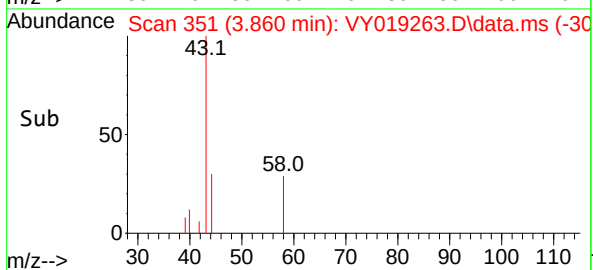
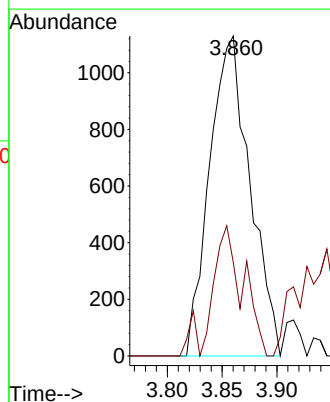
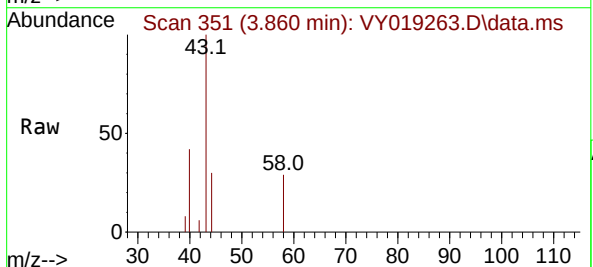
Instrument :
MSVOA_Y
ClientSampleId :
S-913-K1-SO-0-0.5-082024

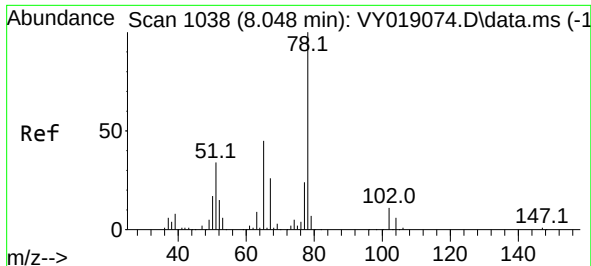
Tgt Ion:168 Resp: 91893
Ion Ratio Lower Upper
168 100
99 52.5 39.1 58.7



#16
Acetone
Concen: 16.929 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY019263.D
Acq: 23 Aug 2024 17:31

Tgt Ion: 43 Resp: 2892
Ion Ratio Lower Upper
43 100
58 29.2 31.7 47.5#

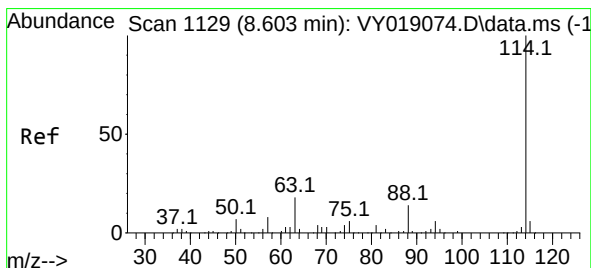
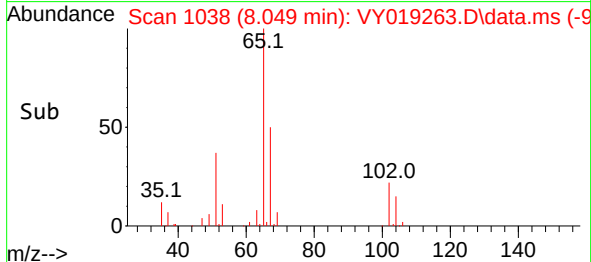
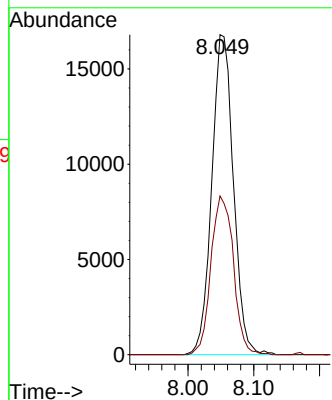
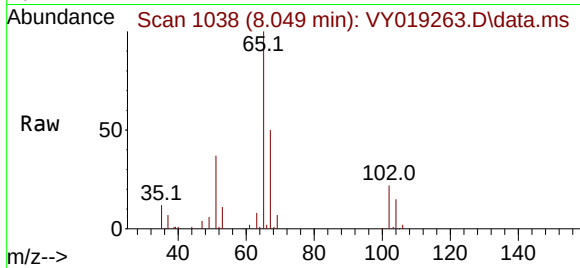




#33
1,2-Dichloroethane-d4
Concen: 41.713 ug/l
RT: 8.049 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VY019263.D
Acq: 23 Aug 2024 17:31

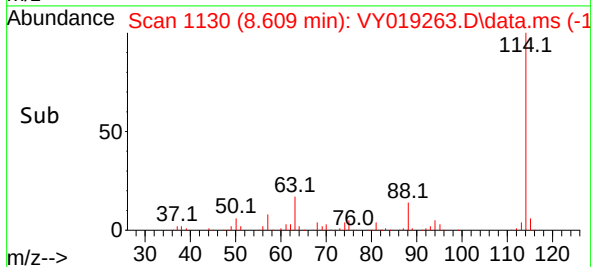
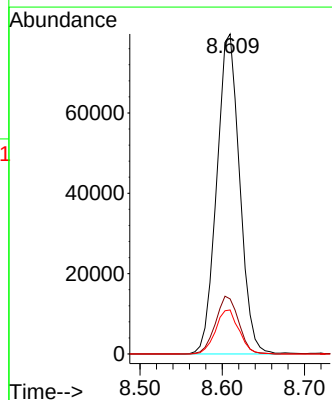
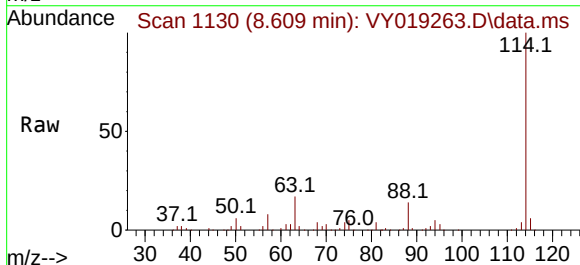
Instrument :
MSVOA_Y
ClientSampleId :
S-913-K1-SO-0-0.5-082024

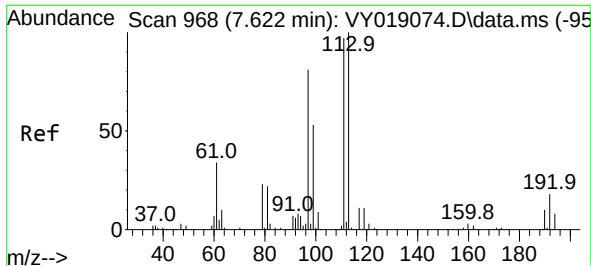
Tgt Ion: 65 Resp: 38424
Ion Ratio Lower Upper
65 100
67 51.6 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VY019263.D
Acq: 23 Aug 2024 17:31

Tgt Ion: 114 Resp: 154222
Ion Ratio Lower Upper
114 100
63 17.2 0.0 35.0
88 13.7 0.0 27.2

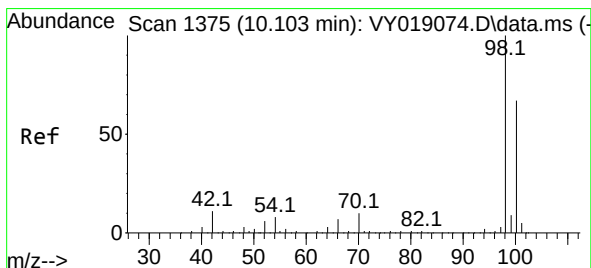
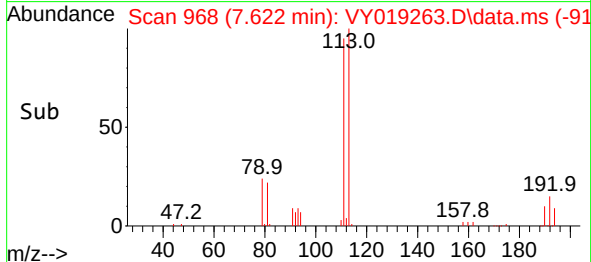
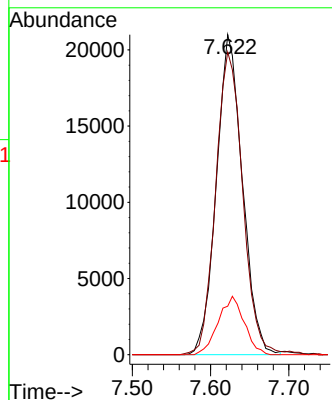
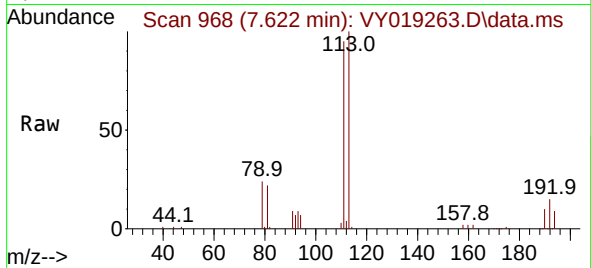




#35
Dibromofluoromethane
Concen: 48.160 ug/l
RT: 7.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019263.D
Acq: 23 Aug 2024 17:31

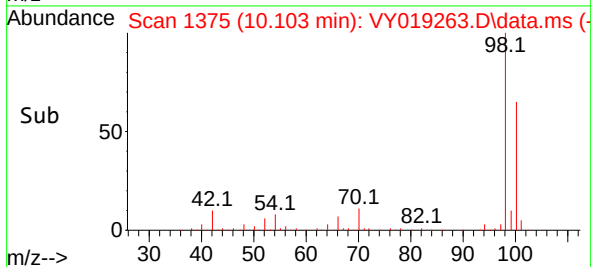
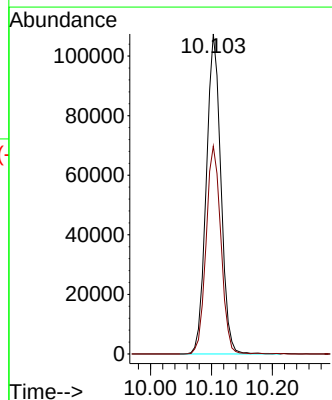
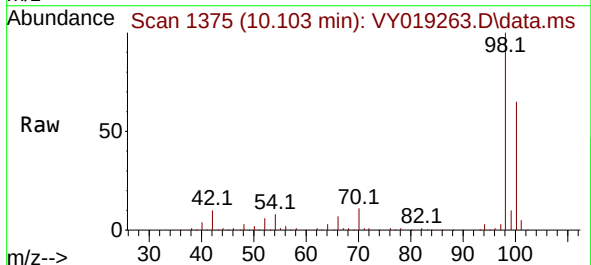
Instrument :
MSVOA_Y
ClientSampleId :
S-913-K1-SO-0-0.5-082024

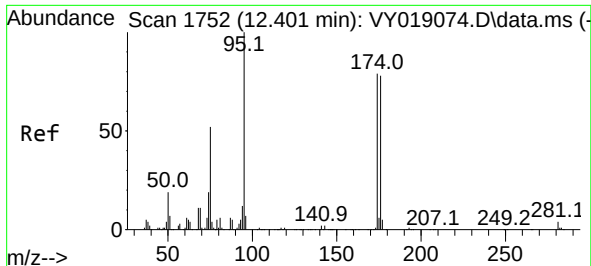
Tgt Ion:113 Resp: 48564
Ion Ratio Lower Upper
113 100
111 98.2 82.2 123.4
192 18.2 15.9 23.9



#50
Toluene-d8
Concen: 49.190 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019263.D
Acq: 23 Aug 2024 17:31

Tgt Ion: 98 Resp: 178504
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0

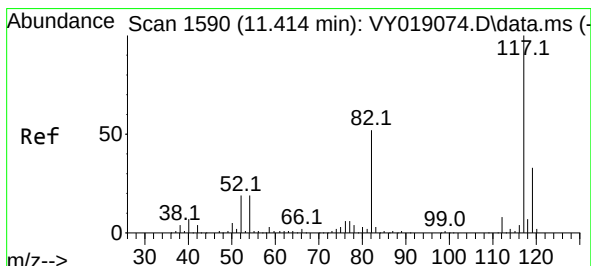
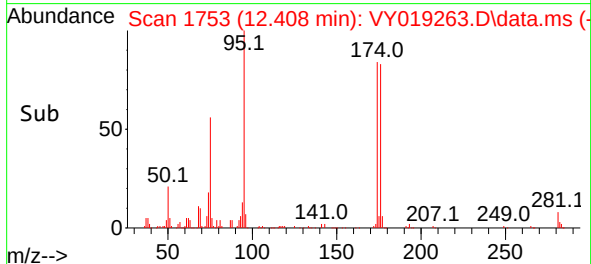
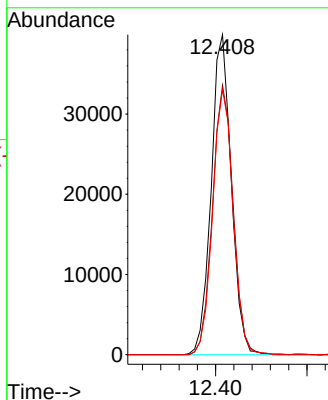
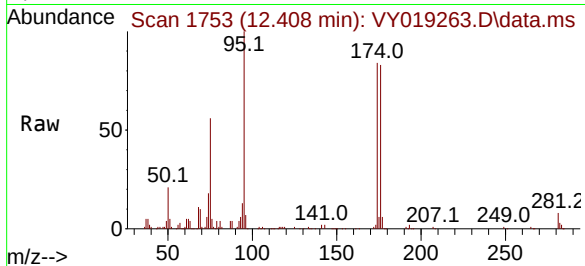




#62
4-Bromofluorobenzene
Concen: 49.175 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019263.D
Acq: 23 Aug 2024 17:31

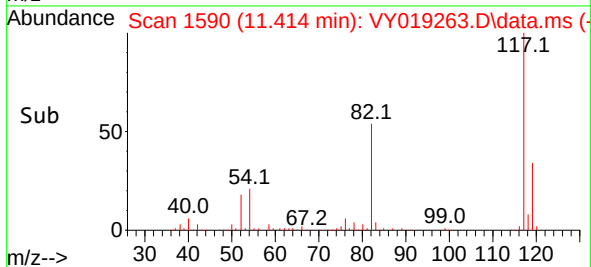
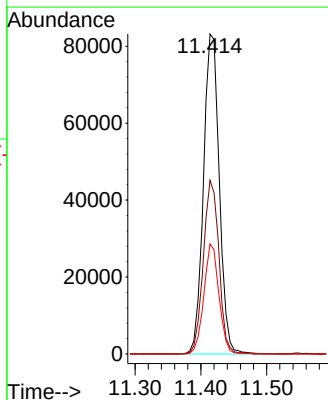
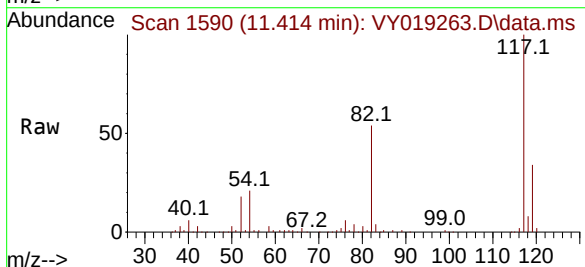
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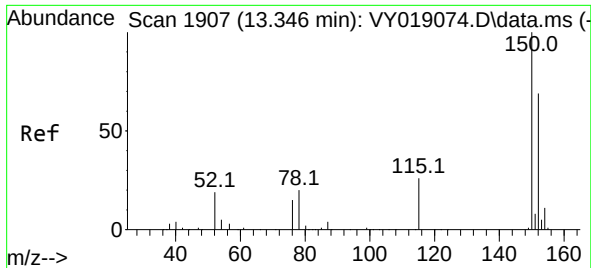
Tgt Ion:	95	Resp:	60833
Ion Ratio	Lower	Upper	
95	100		
174	86.7	0.0	175.6
176	84.4	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY019263.D
Acq: 23 Aug 2024 17:31

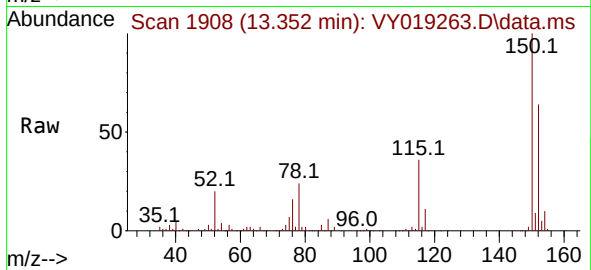
Tgt Ion:	117	Resp:	139311
Ion Ratio	Lower	Upper	
117	100		
82	54.3	42.4	63.6
119	34.4	25.9	38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.352 min Scan# 1908
 Delta R.T. 0.006 min
 Lab File: VY019263.D
 Acq: 23 Aug 2024 17:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-913-K1-SO-0-0.5-082024



Tgt Ion:152 Resp: 55791
 Ion Ratio Lower Upper
 152 100
 115 59.4 28.2 84.7
 150 157.1 0.0 345.6

