

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082324\
 Data File : VY019264.D
 Acq On : 23 Aug 2024 17:56
 Operator : SY/MD
 Sample : P3707-06
 Misc : 7.17g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-913-K1-SO-0.5-1-082024

Quant Time: Aug 23 23:00:27 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	7.695	168	109086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	182414	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	176274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	66890	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	58972	53.930	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.860%	
35) Dibromofluoromethane	7.622	113	62371	52.293	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.580%	
50) Toluene-d8	10.103	98	223870	52.157	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.320%	
62) 4-Bromofluorobenzene	12.408	95	66892	45.716	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 91.440%	

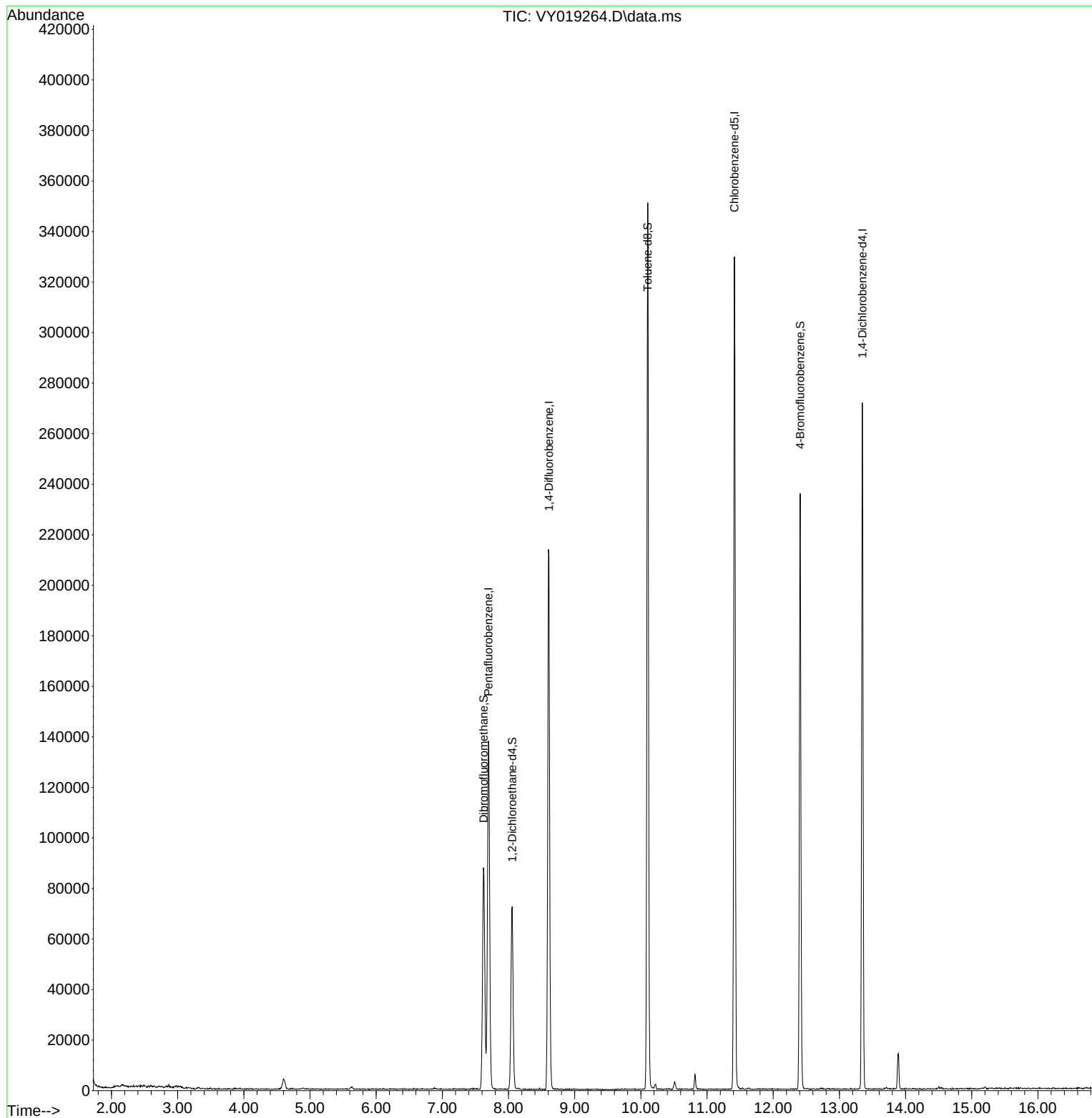
Target Compounds	Qvalue

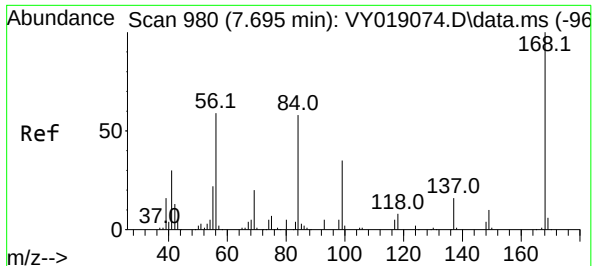
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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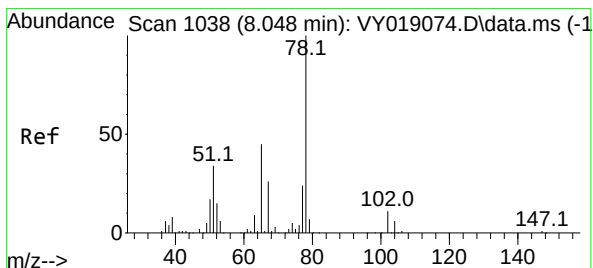
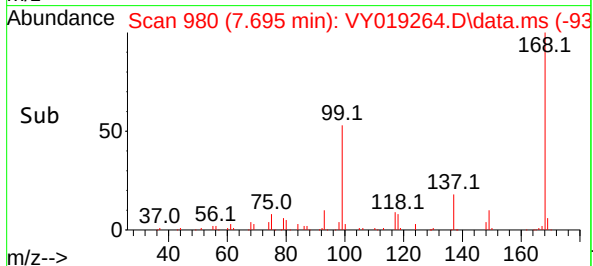
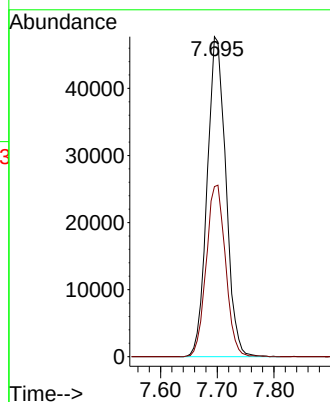
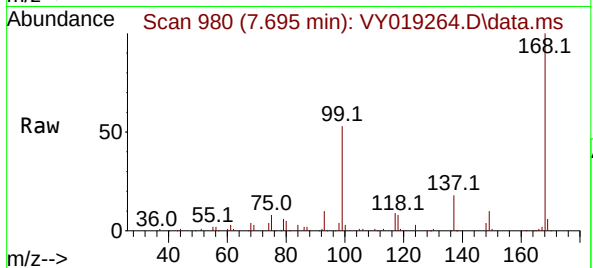




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019264.D
Acq: 23 Aug 2024 17:56

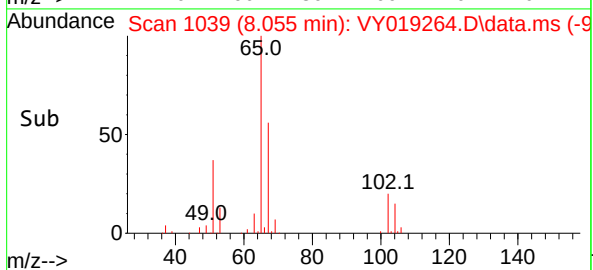
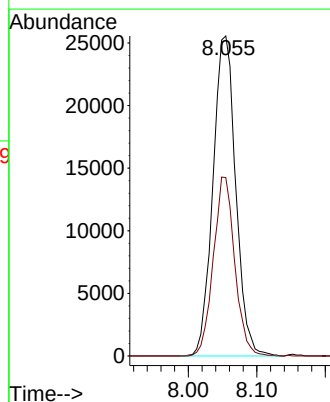
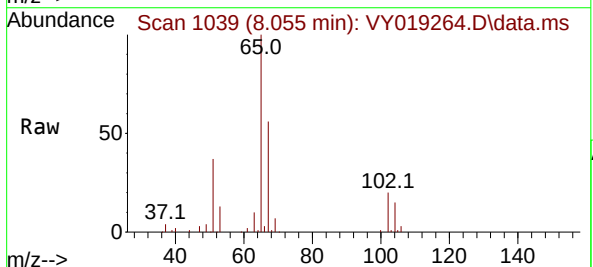
Instrument :
MSVOA_Y
ClientSampleId :
S-913-K1-SO-0.5-1-082024

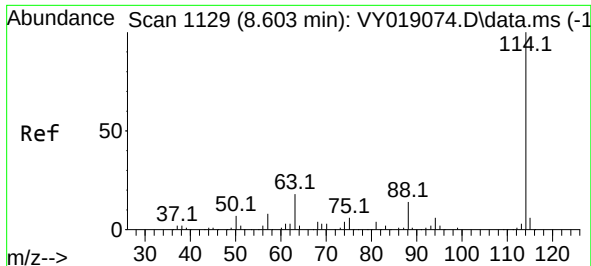
Tgt Ion:168 Resp: 109086
Ion Ratio Lower Upper
168 100
99 53.1 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 53.930 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019264.D
Acq: 23 Aug 2024 17:56

Tgt Ion: 65 Resp: 58972
Ion Ratio Lower Upper
65 100
67 52.7 0.0 109.6

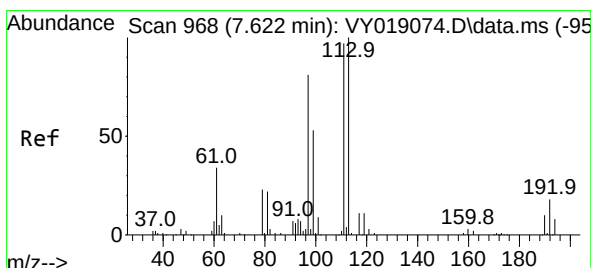
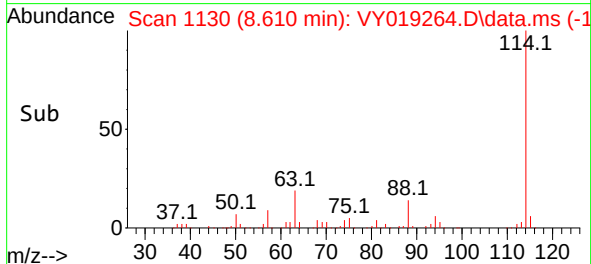
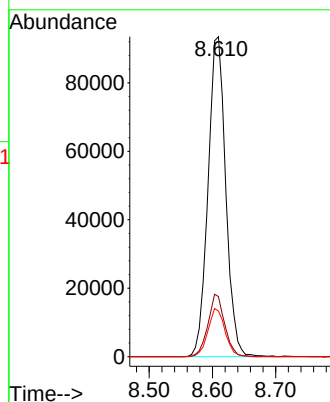
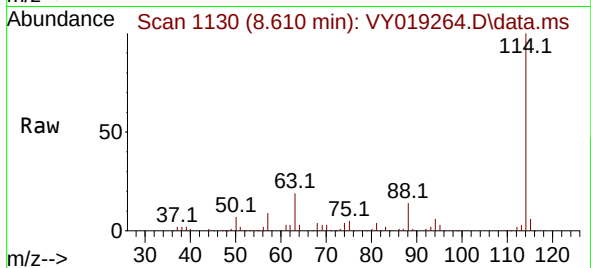




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY019264.D
Acq: 23 Aug 2024 17:56

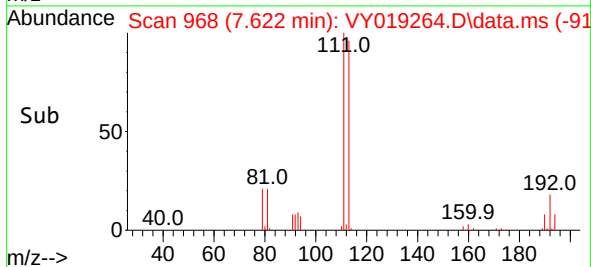
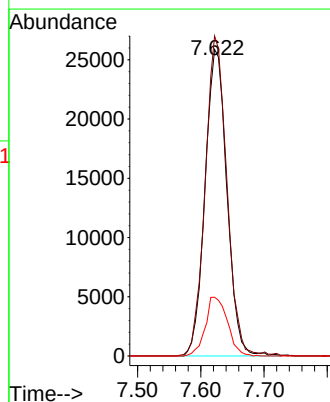
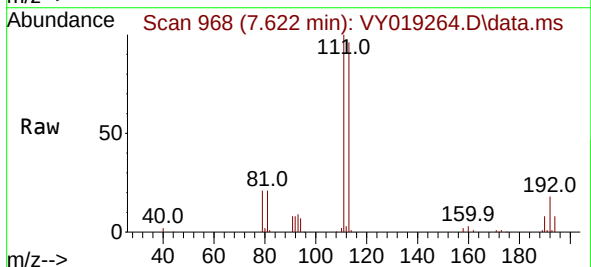
Instrument :
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ClientSampleId :
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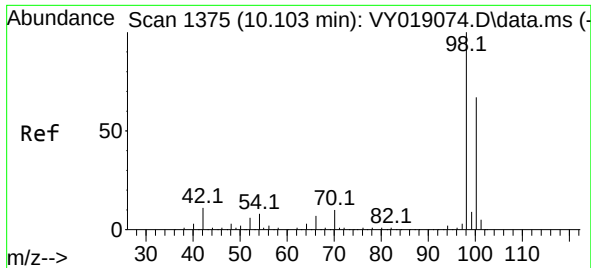
Tgt Ion:114 Resp: 182414
Ion Ratio Lower Upper
114 100
63 18.8 0.0 35.0
88 14.2 0.0 27.2



#35
Dibromofluoromethane
Concen: 52.293 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY019264.D
Acq: 23 Aug 2024 17:56

Tgt Ion:113 Resp: 62371
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.4
192 19.4 15.9 23.9

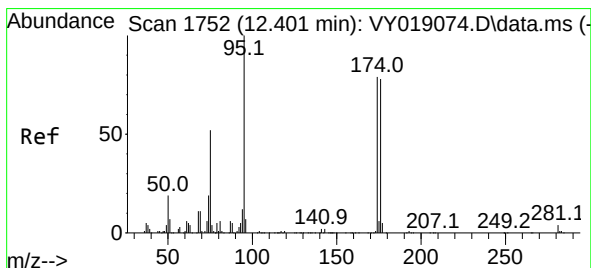
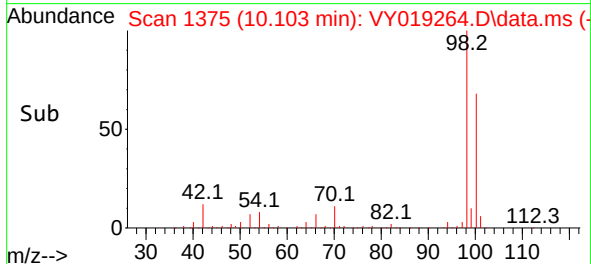
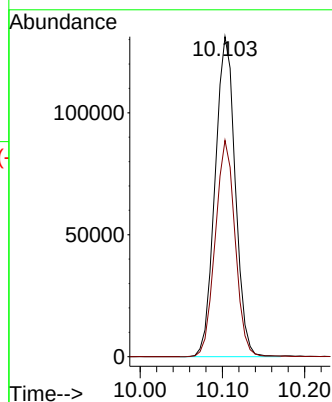
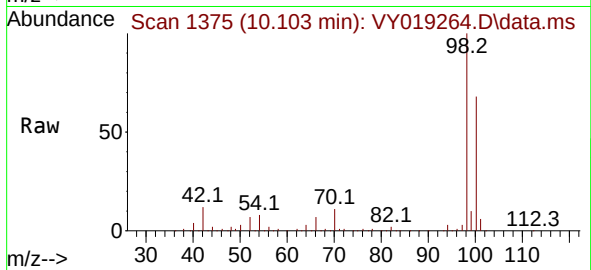




#50
Toluene-d8
Concen: 52.157 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019264.D
Acq: 23 Aug 2024 17:56

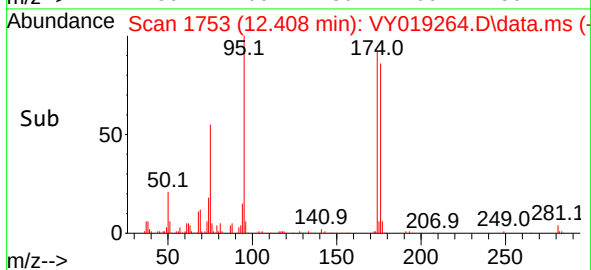
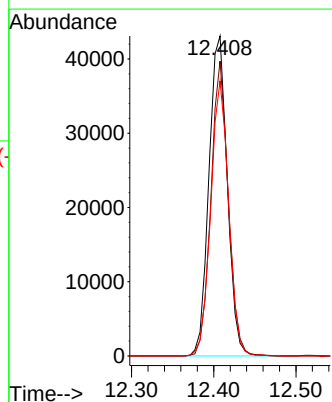
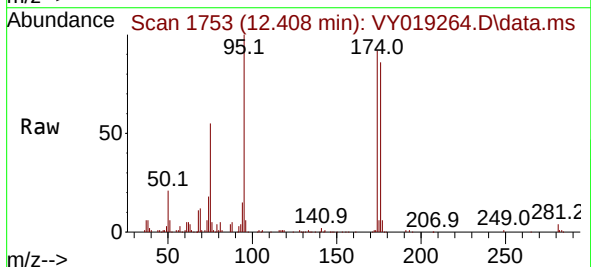
Instrument :
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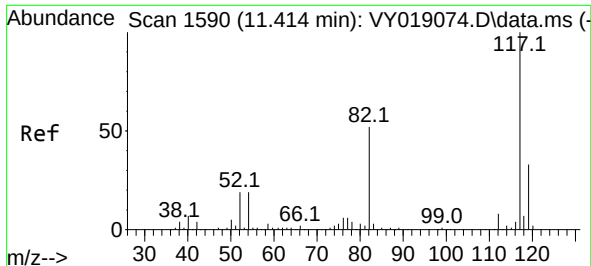
Tgt Ion: 98 Resp: 223870
Ion Ratio Lower Upper
98 100
100 66.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.716 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019264.D
Acq: 23 Aug 2024 17:56

Tgt Ion: 95 Resp: 66892
Ion Ratio Lower Upper
95 100
174 87.3 0.0 175.6
176 84.3 0.0 171.4

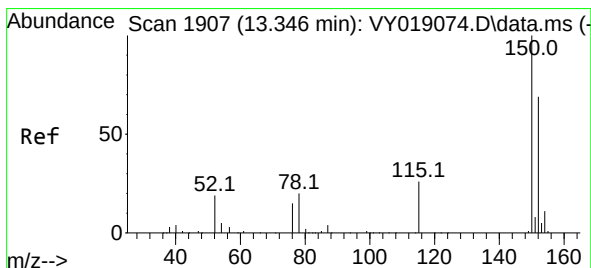
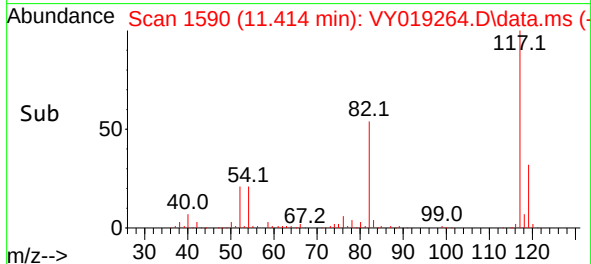
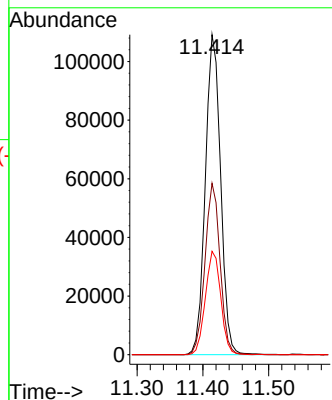
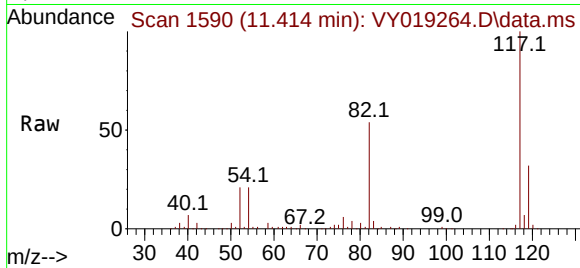




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019264.D
Acq: 23 Aug 2024 17:56

Instrument :
MSVOA_Y
ClientSampleId :
S-913-K1-SO-0.5-1-082024

Tgt Ion:	117	Resp:	176274
Ion	Ratio	Lower	Upper
117	100		
82	53.6	42.4	63.6
119	32.3	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019264.D
Acq: 23 Aug 2024 17:56

Tgt Ion:	152	Resp:	66890
Ion	Ratio	Lower	Upper
152	100		
115	58.0	28.2	84.7
150	154.5	0.0	345.6

