

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019354.D
 Acq On : 29 Aug 2024 03:27
 Operator : SY/MD
 Sample : P3737-01
 Misc : 5.24g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

Quant Time: Aug 29 04:52:24 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	185052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	329700	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	297220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	112719	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	99547	53.664	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.320%
35) Dibromofluoromethane	7.628	113	102539	47.565	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.120%
50) Toluene-d8	10.103	98	375754	48.435	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.880%
62) 4-Bromofluorobenzene	12.408	95	112282	42.456	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	84.920%

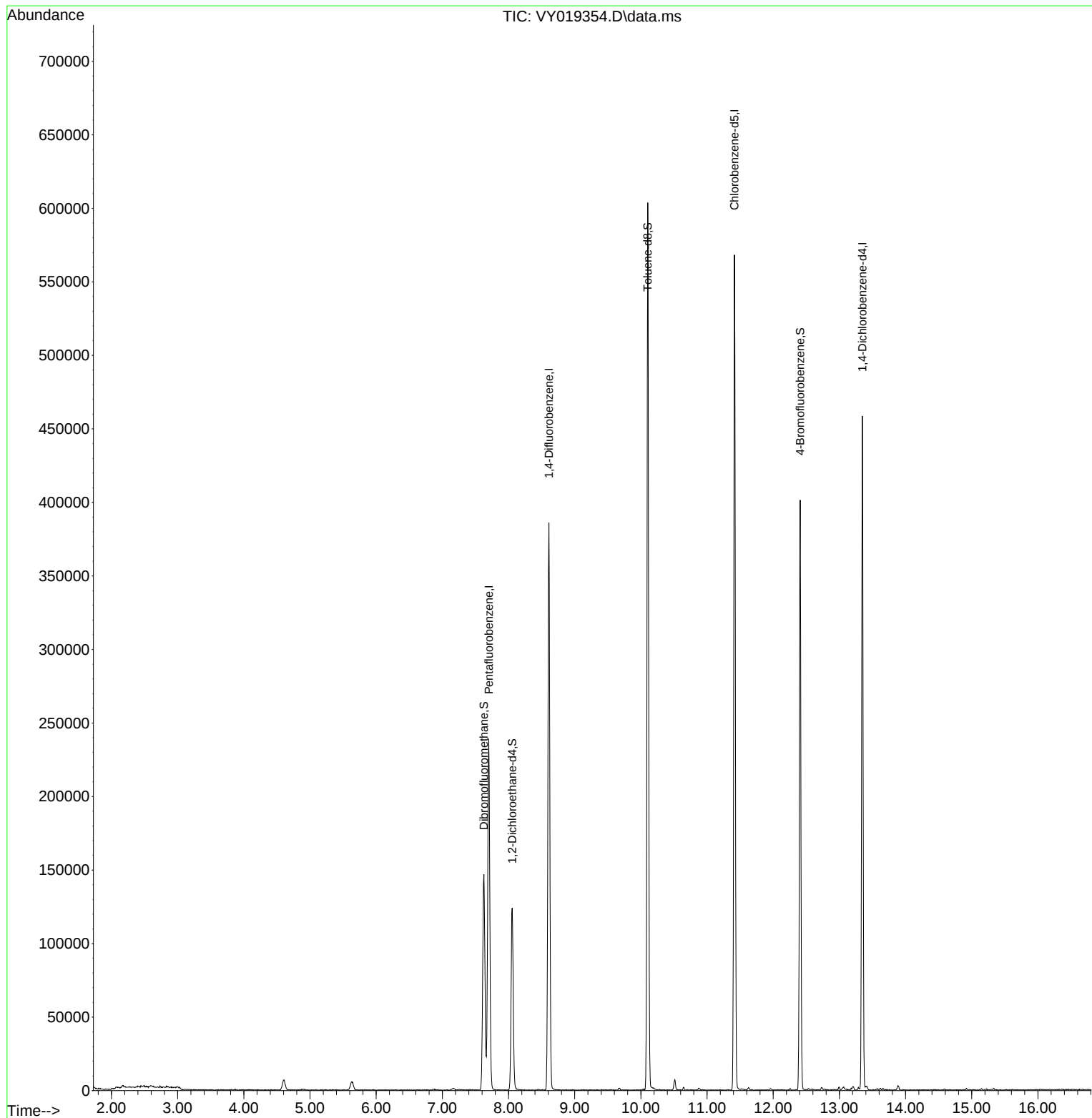
Target Compounds	Qvalue

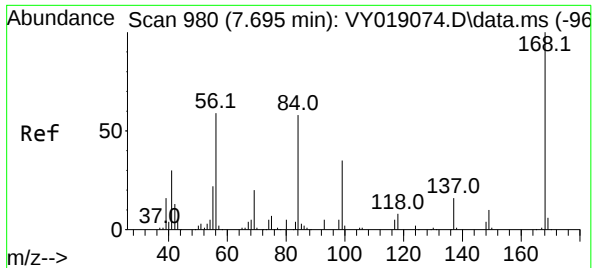
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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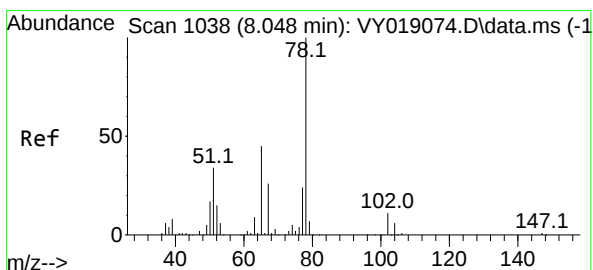
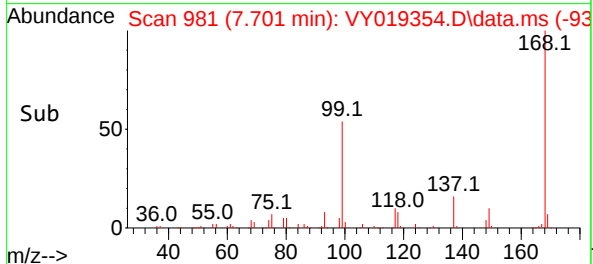
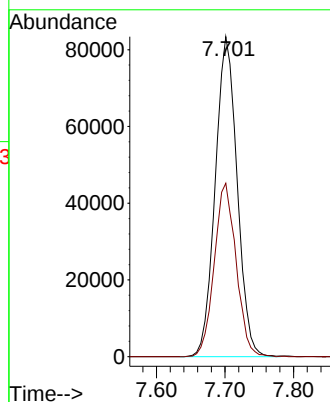
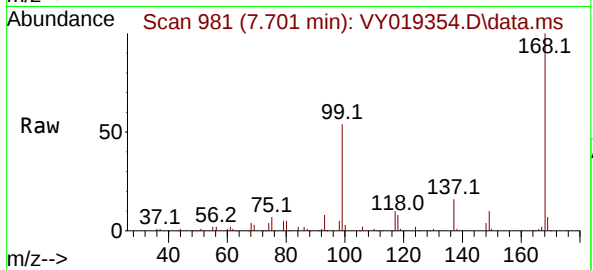




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019354.D
Acq: 29 Aug 2024 03:27

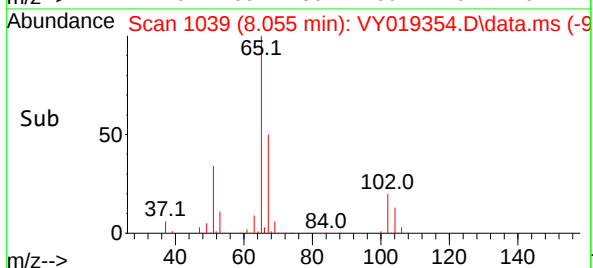
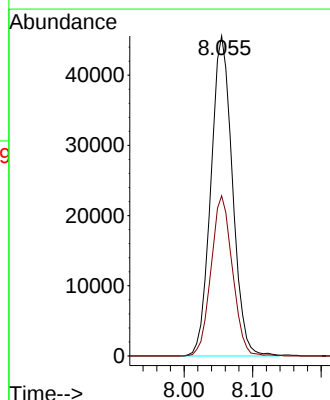
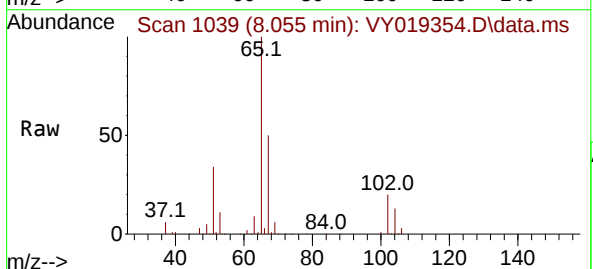
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

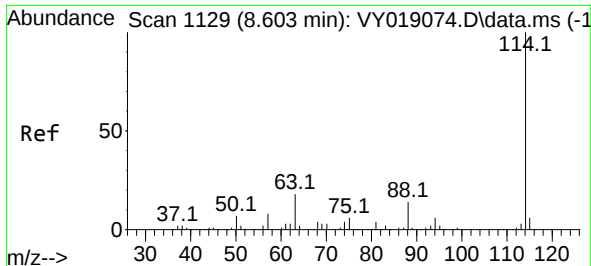
Tgt Ion:168 Resp: 185052
Ion Ratio Lower Upper
168 100
99 54.2 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 53.664 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019354.D
Acq: 29 Aug 2024 03:27

Tgt Ion: 65 Resp: 99547
Ion Ratio Lower Upper
65 100
67 49.6 0.0 109.6

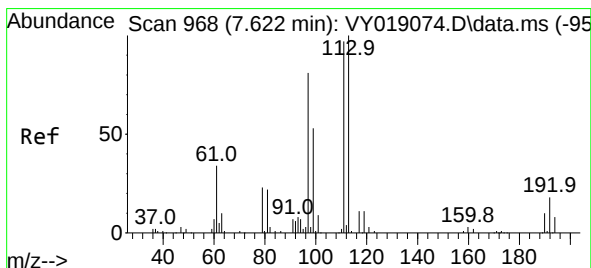
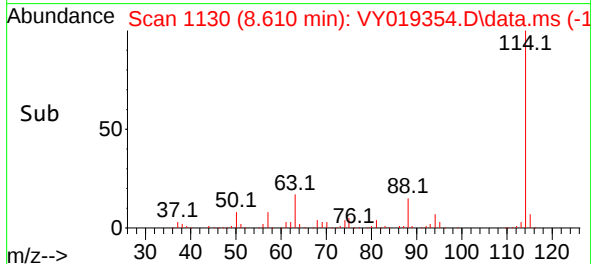
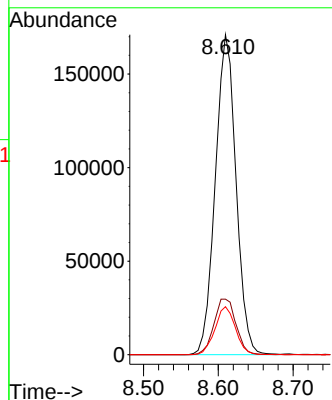
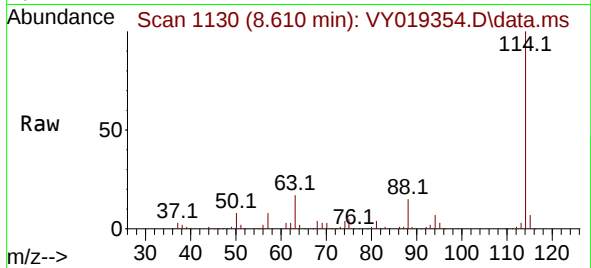




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY019354.D
Acq: 29 Aug 2024 03:27

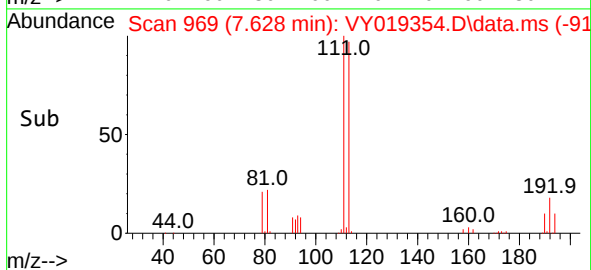
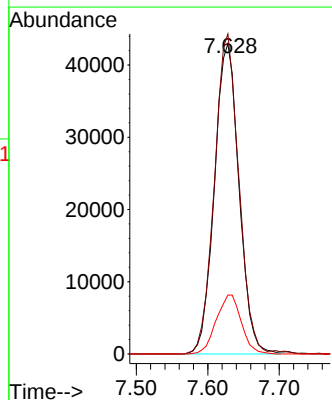
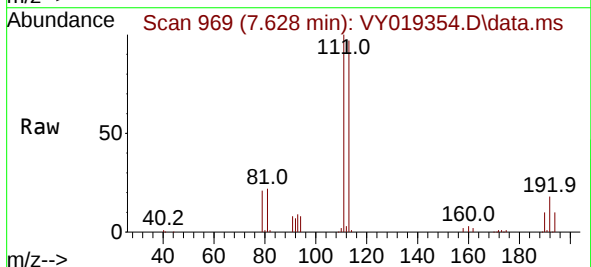
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

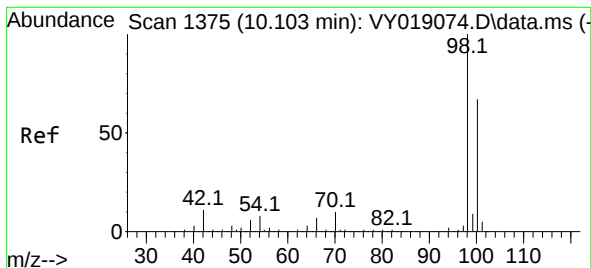
Tgt Ion:114 Resp: 329700
Ion Ratio Lower Upper
114 100
63 17.3 0.0 35.0
88 15.0 0.0 27.2



#35
Dibromofluoromethane
Concen: 47.565 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY019354.D
Acq: 29 Aug 2024 03:27

Tgt Ion:113 Resp: 102539
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 19.3 15.9 23.9

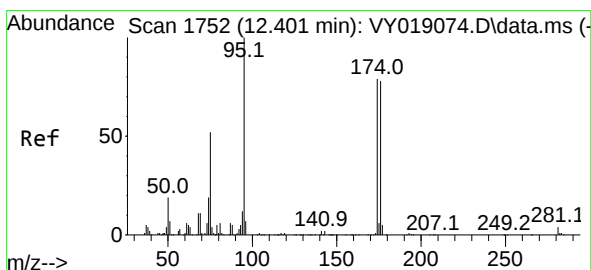
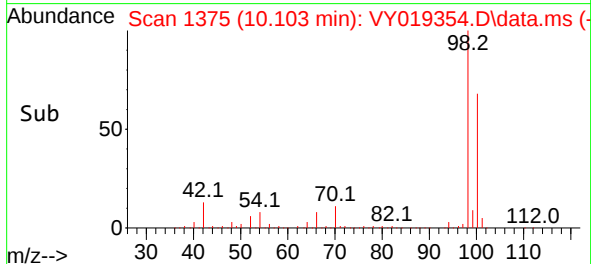
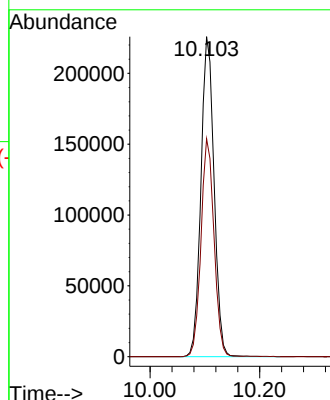
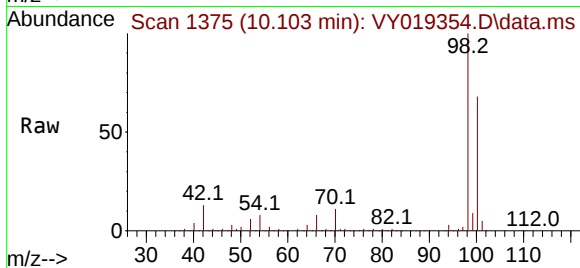




#50
Toluene-d8
Concen: 48.435 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019354.D
Acq: 29 Aug 2024 03:27

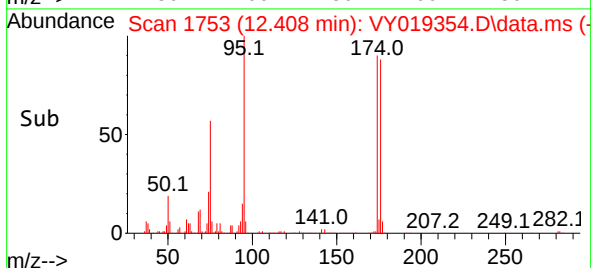
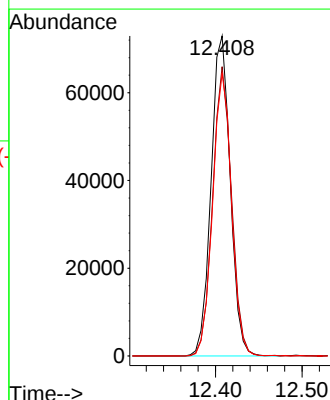
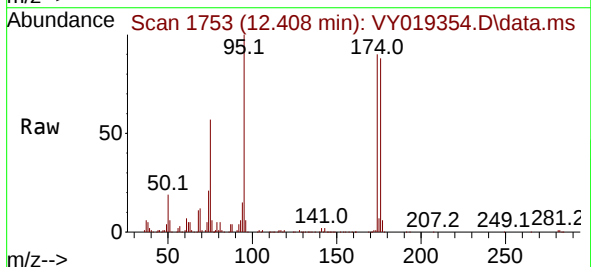
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

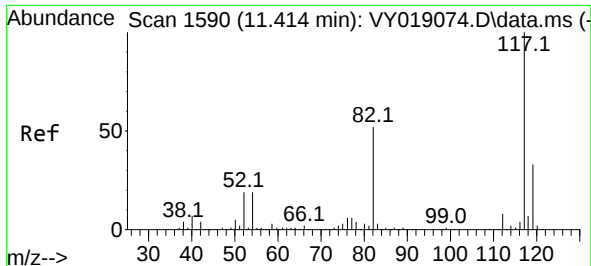
Tgt Ion: 98 Resp: 375754
Ion Ratio Lower Upper
98 100
100 67.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.456 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019354.D
Acq: 29 Aug 2024 03:27

Tgt Ion: 95 Resp: 112282
Ion Ratio Lower Upper
95 100
174 88.9 0.0 175.6
176 86.9 0.0 171.4

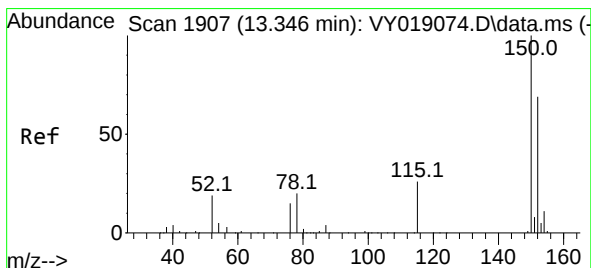
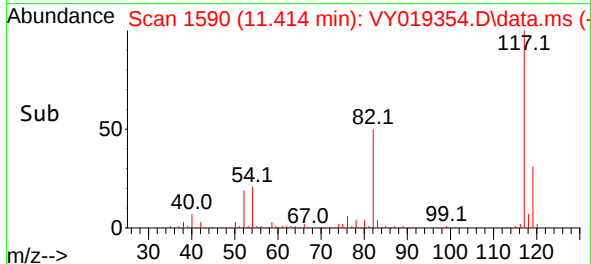
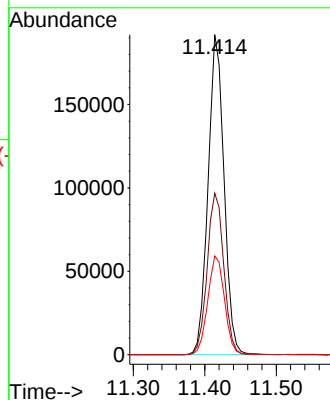
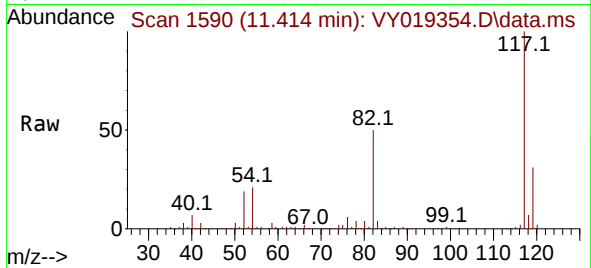




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019354.D
Acq: 29 Aug 2024 03:27

Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

Tgt Ion:117 Resp: 297220
Ion Ratio Lower Upper
117 100
82 50.5 42.4 63.6
119 30.9 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: VY019354.D
Acq: 29 Aug 2024 03:27

Tgt Ion:152 Resp: 112719
Ion Ratio Lower Upper
152 100
115 56.6 28.2 84.7
150 154.3 0.0 345.6

