

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019301.D
 Acq On : 27 Aug 2024 22:32
 Operator : SY/MD
 Sample : VY0827SBL02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0827SBL02

Quant Time: Aug 28 03:32:38 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	102250	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	172890	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	122152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	52794	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.048	65	57368	55.970	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.940%
35) Dibromofluoromethane	7.628	113	55543	49.133	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.260%
50) Toluene-d8	10.103	98	160129	39.362	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	78.720%
62) 4-Bromofluorobenzene	12.407	95	48757	35.157	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	70.320%

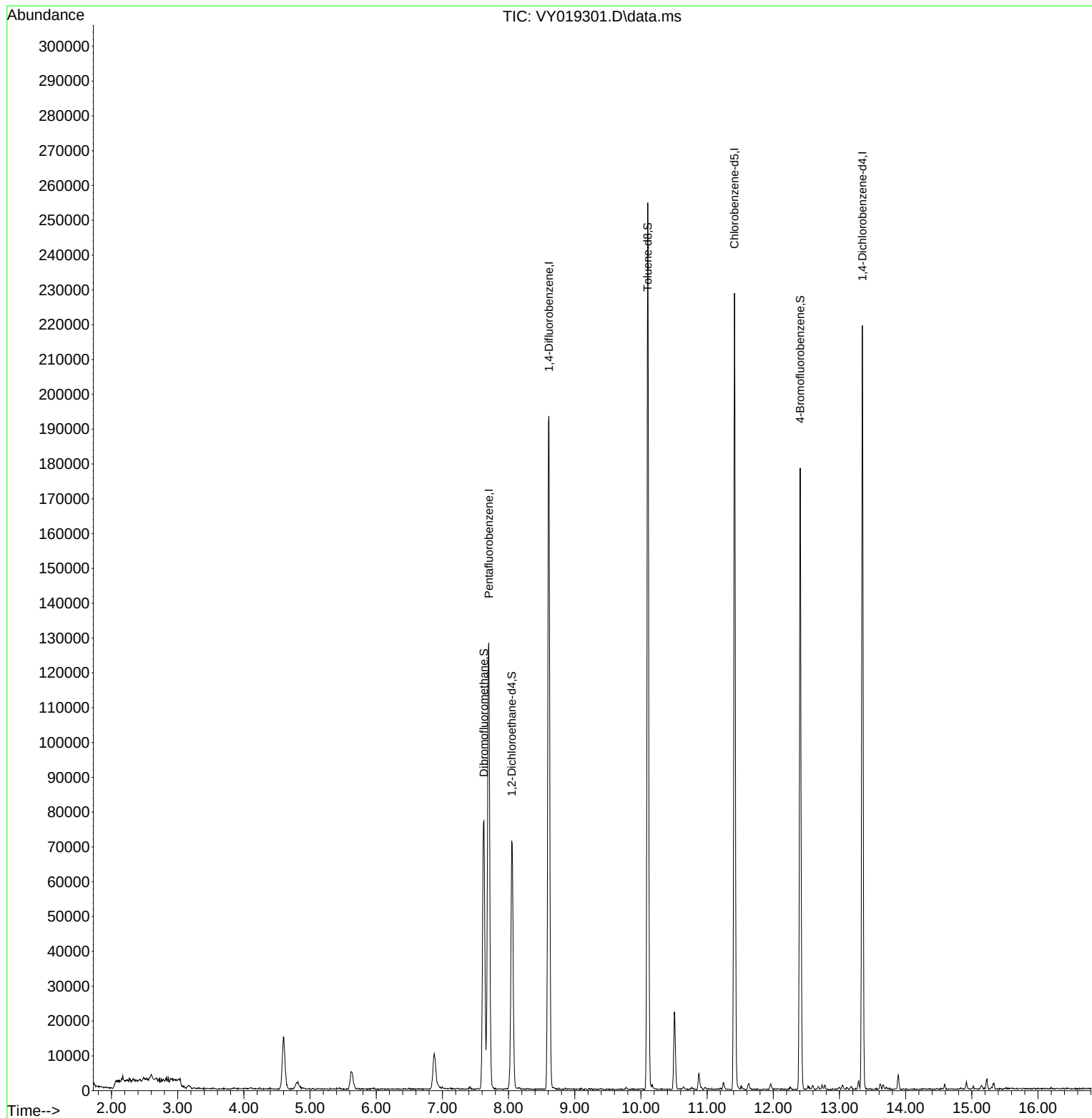
Target Compounds	Qvalue

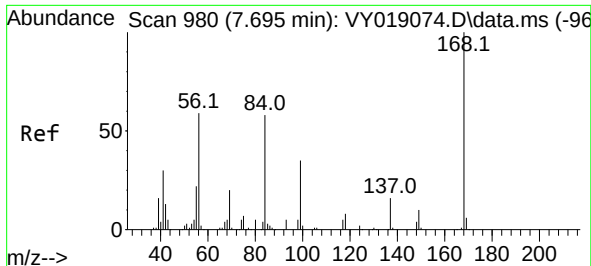
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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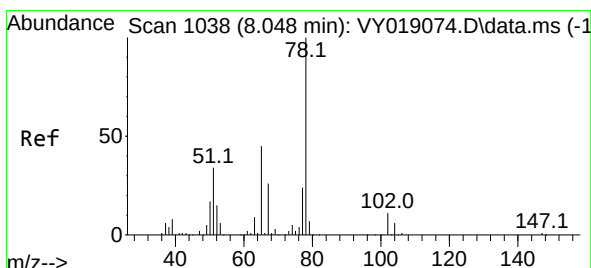
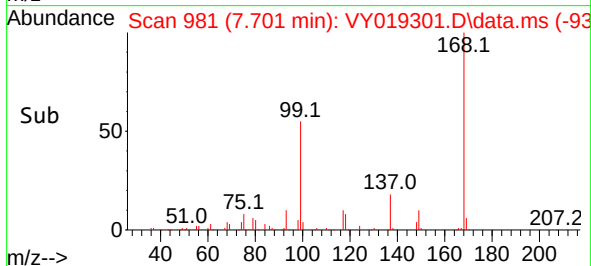
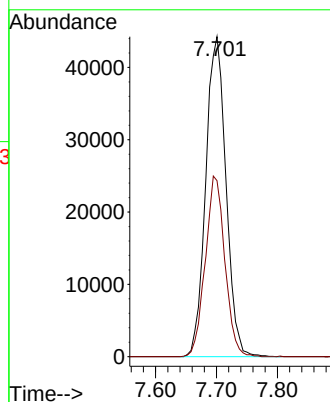
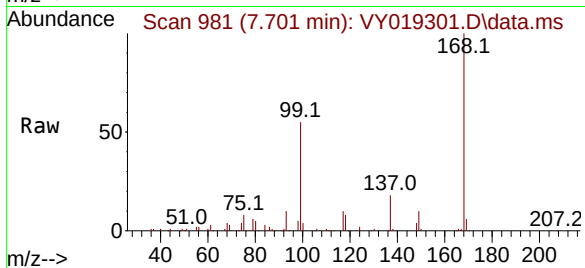




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019301.D
Acq: 27 Aug 2024 22:32

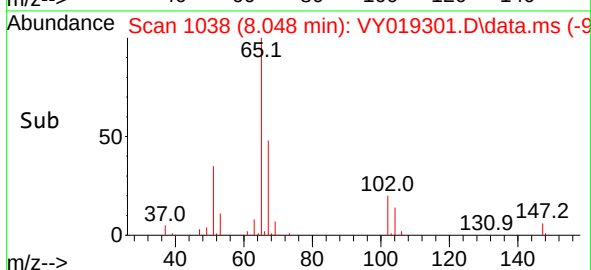
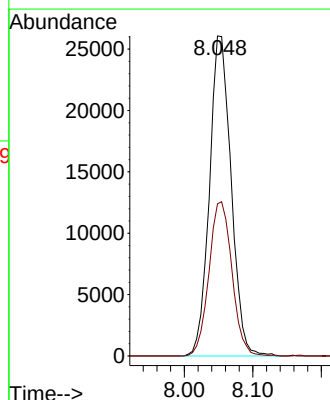
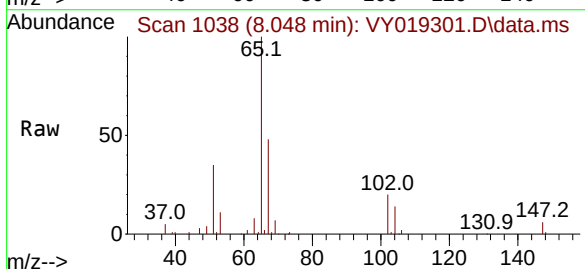
Instrument :
MSVOA_Y
ClientSampleId :
VY0827SBL02

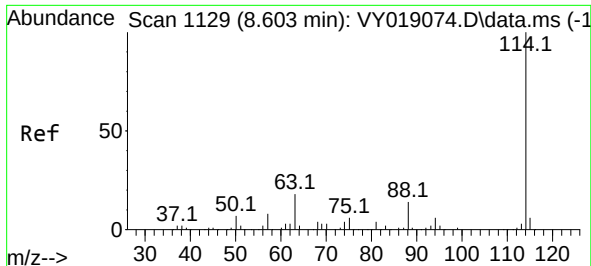
Tgt Ion:168 Resp: 102250
Ion Ratio Lower Upper
168 100
99 55.0 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 55.970 ug/l
RT: 8.048 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019301.D
Acq: 27 Aug 2024 22:32

Tgt Ion: 65 Resp: 57368
Ion Ratio Lower Upper
65 100
67 51.1 0.0 109.6

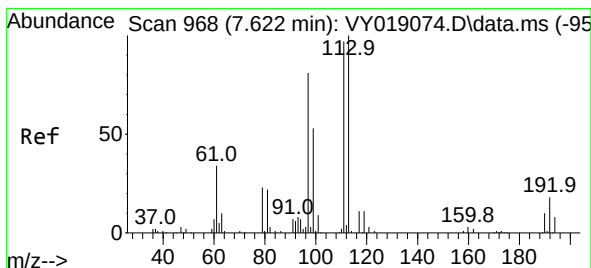
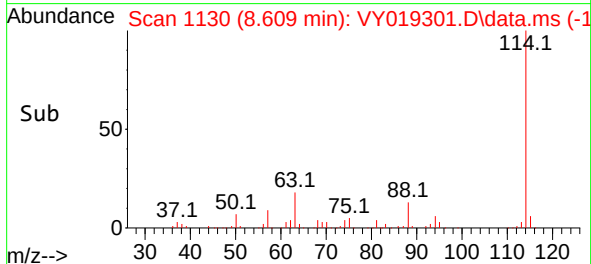
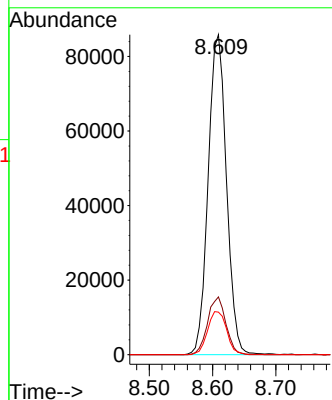
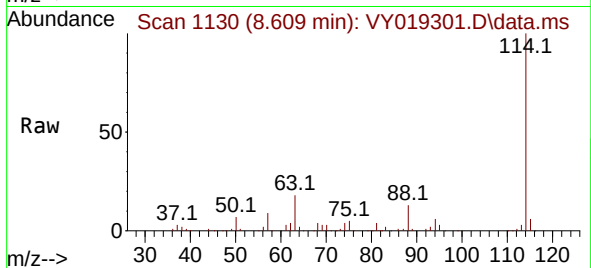




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY019301.D
Acq: 27 Aug 2024 22:32

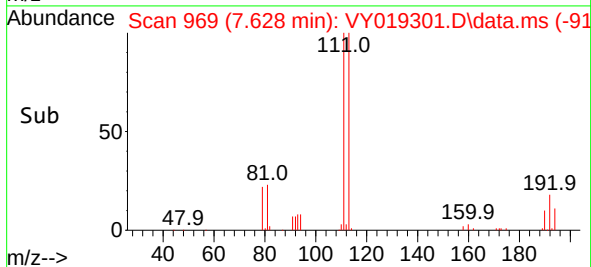
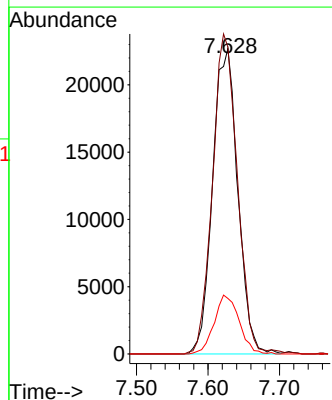
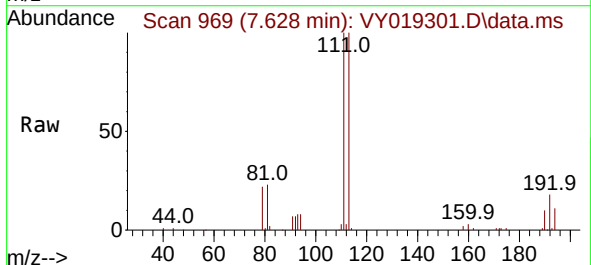
Instrument :
MSVOA_Y
ClientSampleId :
VY0827SBL02

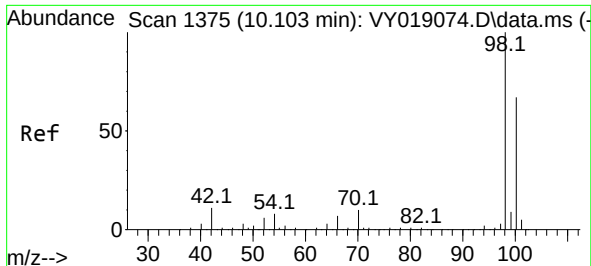
Tgt Ion:114 Resp: 172890
Ion Ratio Lower Upper
114 100
63 18.0 0.0 35.0
88 13.3 0.0 27.2



#35
Dibromofluoromethane
Concen: 49.133 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY019301.D
Acq: 27 Aug 2024 22:32

Tgt Ion:113 Resp: 55543
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 19.1 15.9 23.9

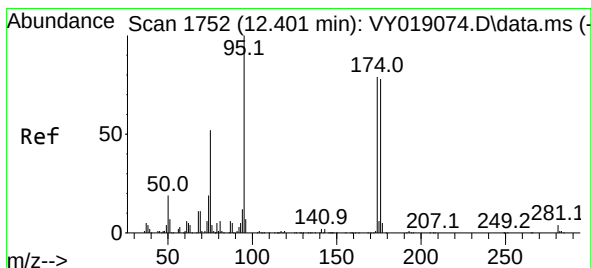
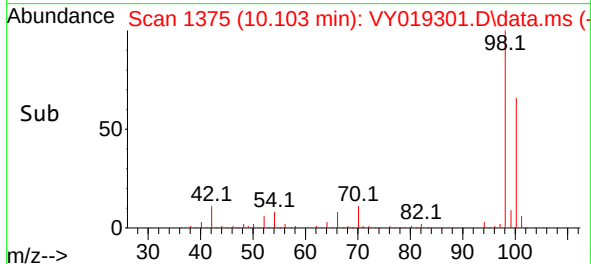
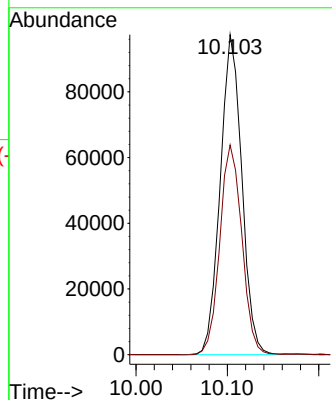
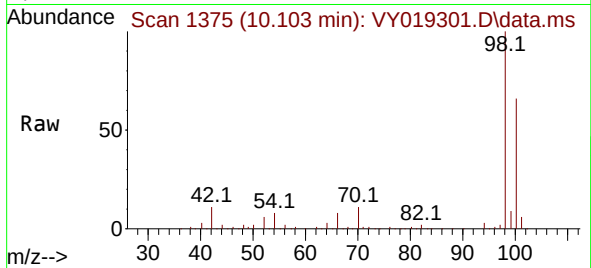




#50
Toluene-d8
Concen: 39.362 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019301.D
Acq: 27 Aug 2024 22:32

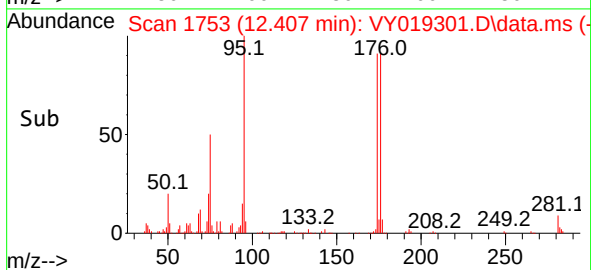
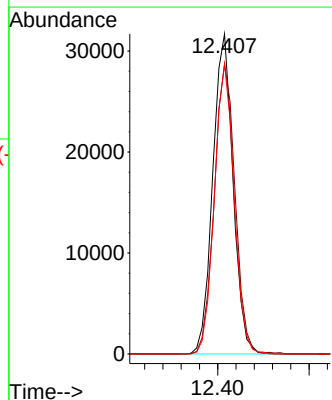
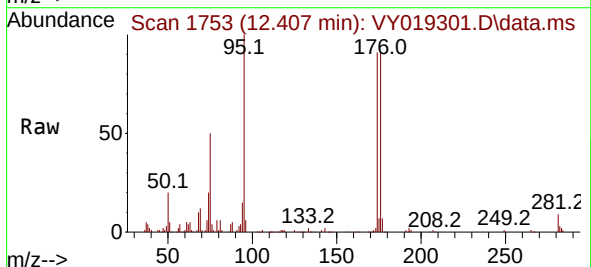
Instrument :
MSVOA_Y
ClientSampleId :
VY0827SBL02

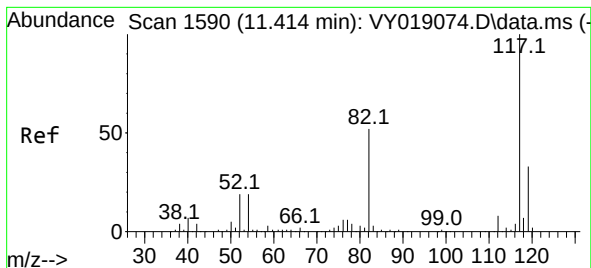
Tgt Ion: 98 Resp: 160129
Ion Ratio Lower Upper
98 100
100 66.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 35.157 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019301.D
Acq: 27 Aug 2024 22:32

Tgt Ion: 95 Resp: 48757
Ion Ratio Lower Upper
95 100
174 93.1 0.0 175.6
176 88.3 0.0 171.4

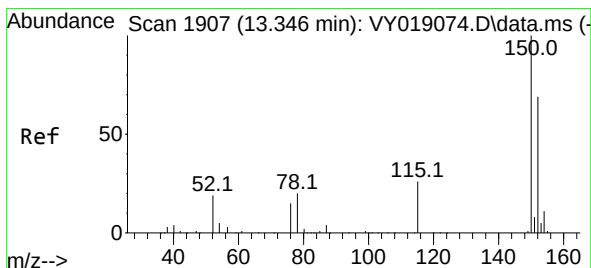
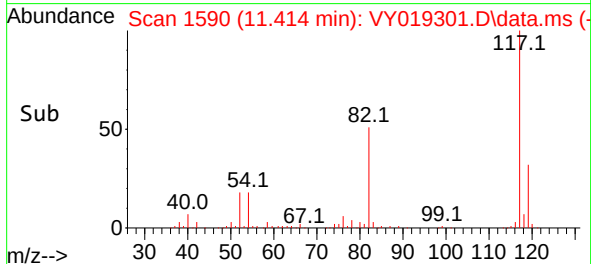
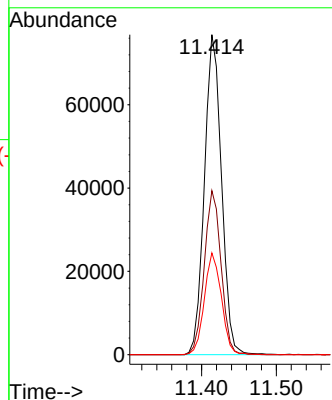
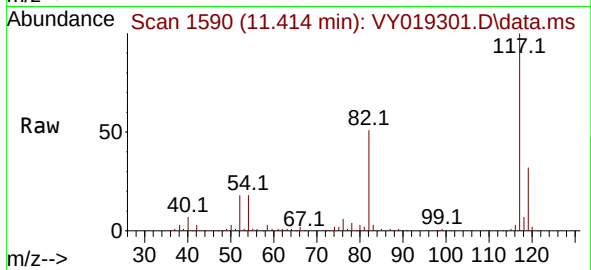




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019301.D
Acq: 27 Aug 2024 22:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0827SBL02

Tgt Ion:117 Resp: 122152
Ion Ratio Lower Upper
117 100
82 51.2 42.4 63.6
119 31.8 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: VY019301.D
Acq: 27 Aug 2024 22:32

Tgt Ion:152 Resp: 52794
Ion Ratio Lower Upper
152 100
115 57.1 28.2 84.7
150 160.2 0.0 345.6

