

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019366.D
 Acq On : 29 Aug 2024 08:19
 Operator : SY/MD
 Sample : P3652-02
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LIVONIA-SOIL

Quant Time: Aug 29 08:43:21 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	156646	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	285219	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	192104	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	72368	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	78045	49.702	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.400%
35) Dibromofluoromethane	7.622	113	86153	46.196	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.400%
50) Toluene-d8	10.103	98	318882	47.515	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.020%
62) 4-Bromofluorobenzene	12.408	95	69348	30.311	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	60.620%

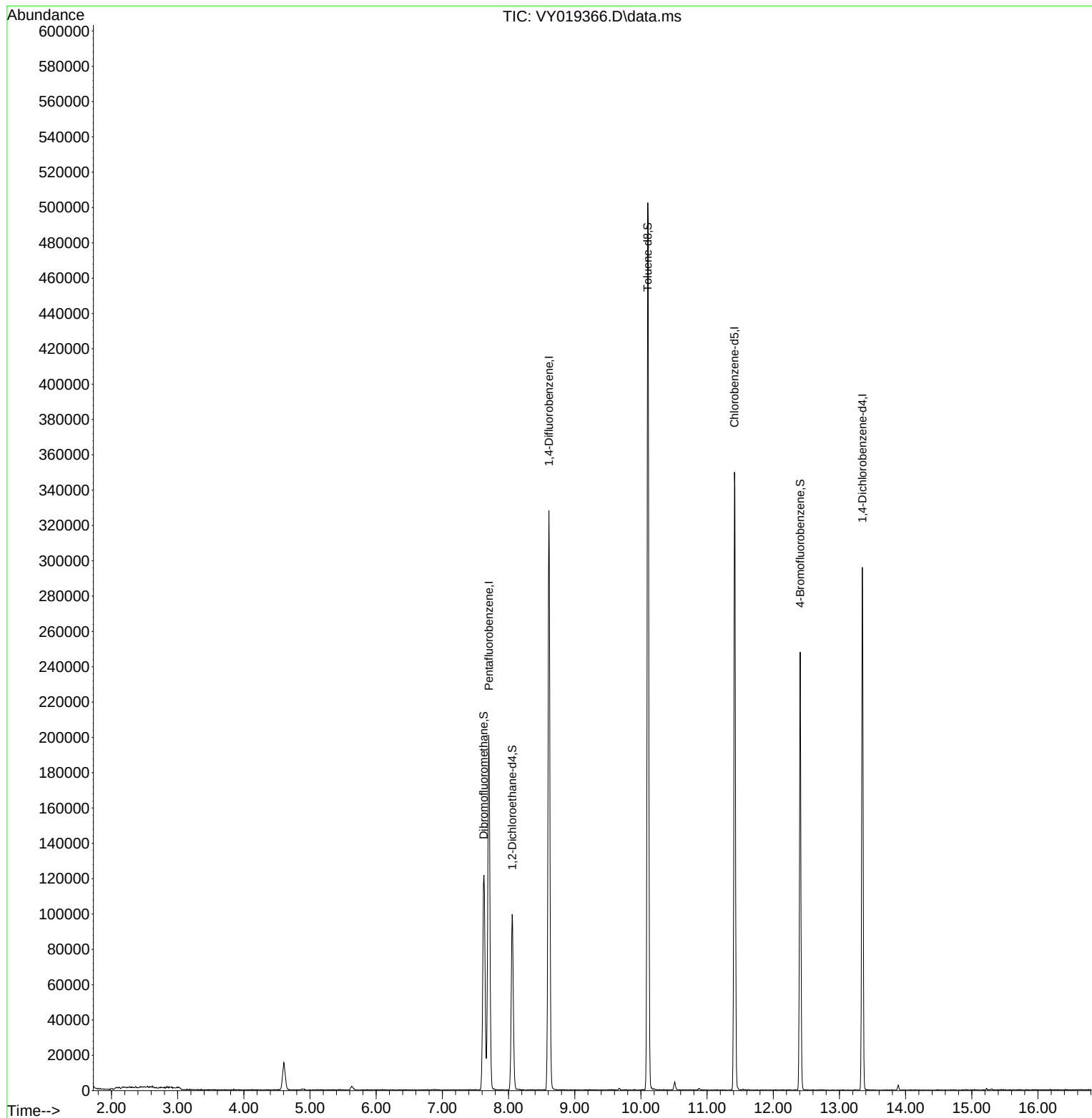
Target Compounds	Qvalue

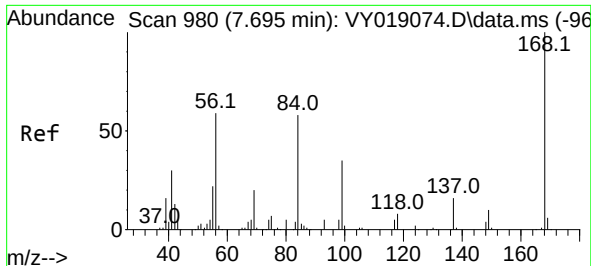
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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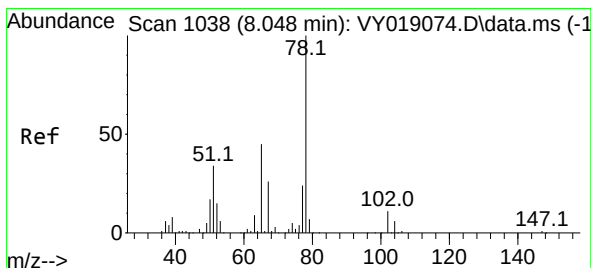
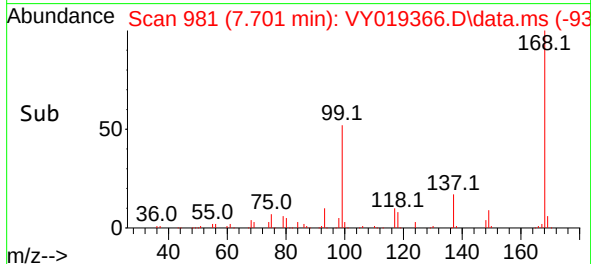
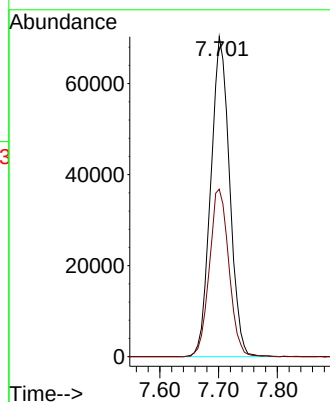
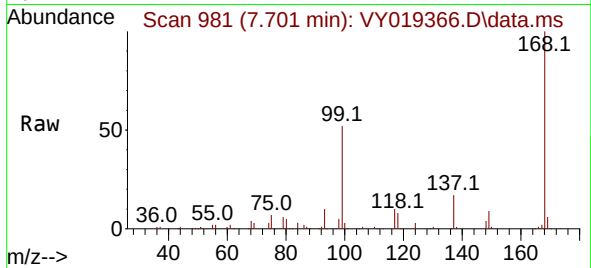




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019366.D
Acq: 29 Aug 2024 08:19

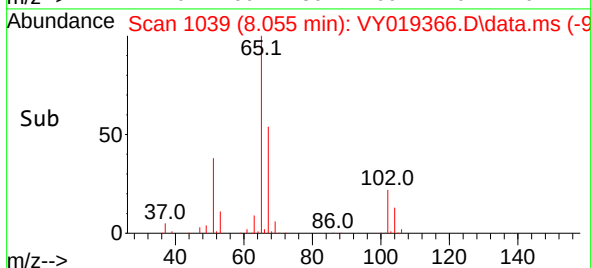
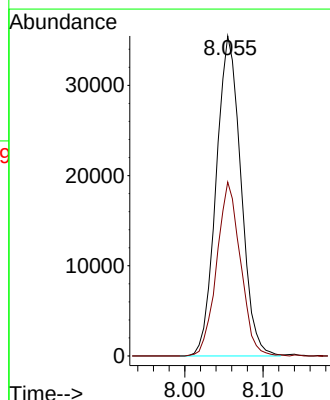
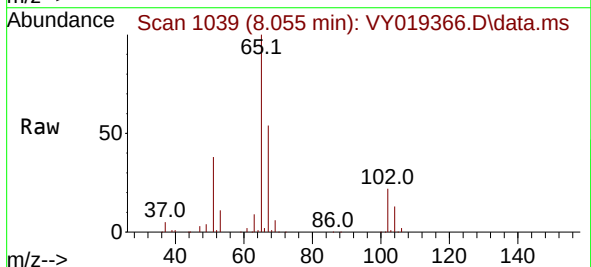
Instrument :
MSVOA_Y
ClientSampleId :
LIVONIA-SOIL

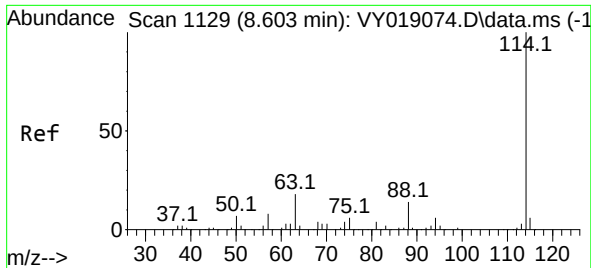
Tgt Ion:168 Resp: 156646
Ion Ratio Lower Upper
168 100
99 52.3 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 49.702 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019366.D
Acq: 29 Aug 2024 08:19

Tgt Ion: 65 Resp: 78045
Ion Ratio Lower Upper
65 100
67 52.2 0.0 109.6

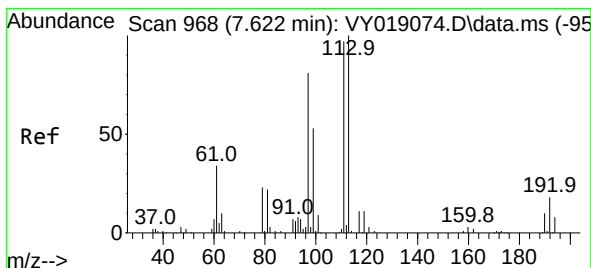
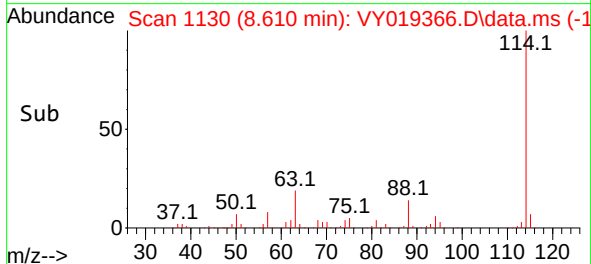
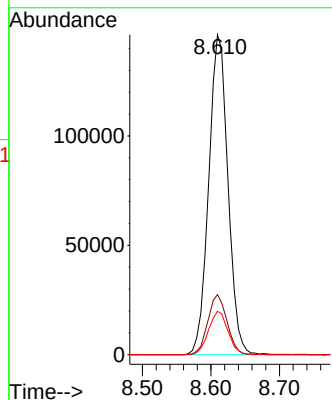
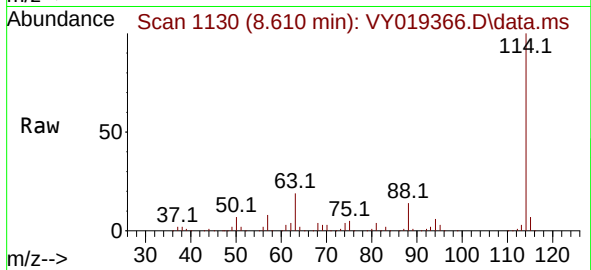




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY019366.D
Acq: 29 Aug 2024 08:19

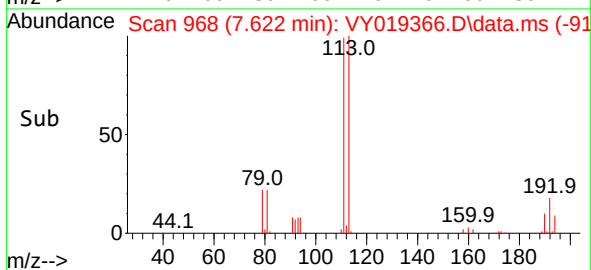
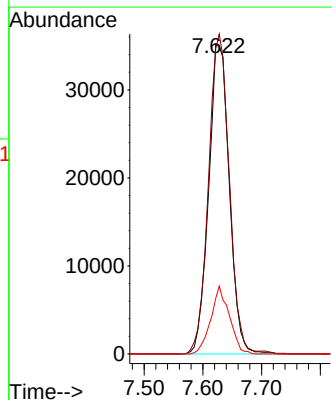
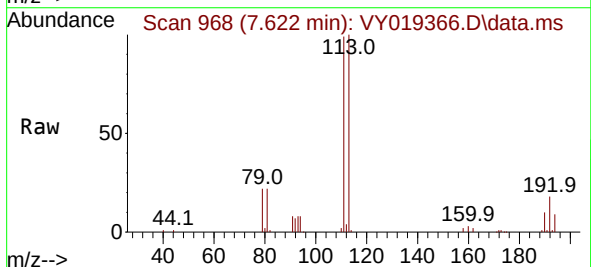
Instrument :
MSVOA_Y
ClientSampleId :
LIVONIA-SOIL

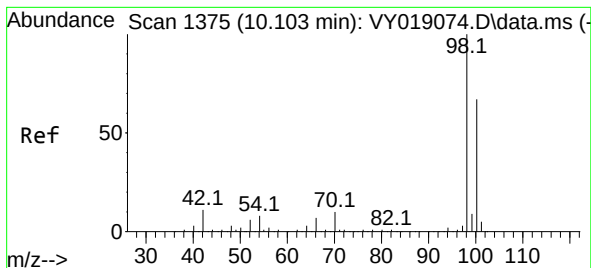
Tgt Ion:114 Resp: 285219
Ion Ratio Lower Upper
114 100
63 18.8 0.0 35.0
88 13.6 0.0 27.2



#35
Dibromofluoromethane
Concen: 46.196 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY019366.D
Acq: 29 Aug 2024 08:19

Tgt Ion:113 Resp: 86153
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 19.7 15.9 23.9





#50

Toluene-d8

Concen: 47.515 ug/l

RT: 10.103 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019366.D

Acq: 29 Aug 2024 08:19

Instrument :

MSVOA_Y

ClientSampleId :

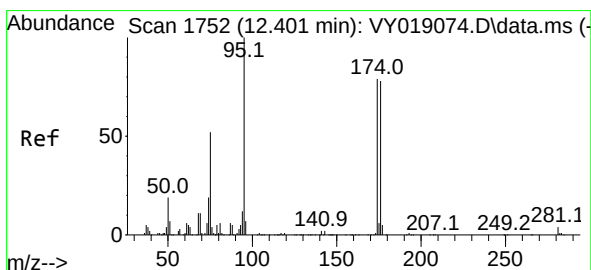
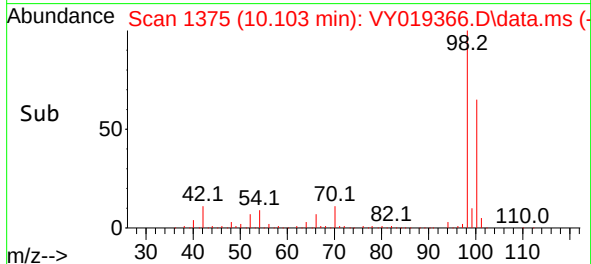
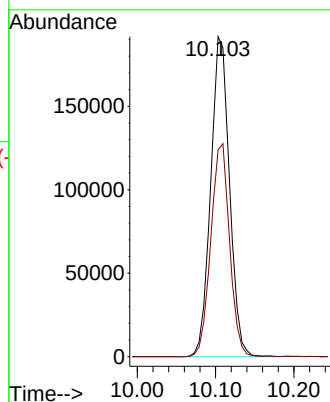
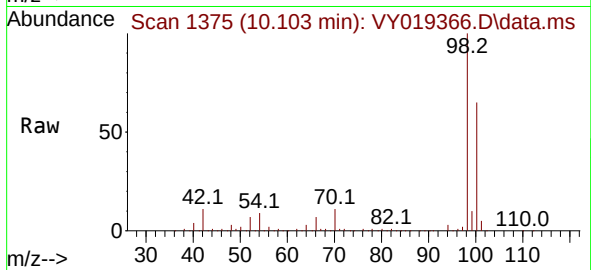
LIVONIA-SOIL

Tgt Ion: 98 Resp: 318882

Ion Ratio Lower Upper

98 100

100 66.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 30.311 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019366.D

Acq: 29 Aug 2024 08:19

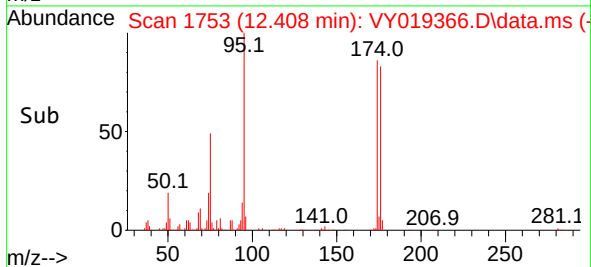
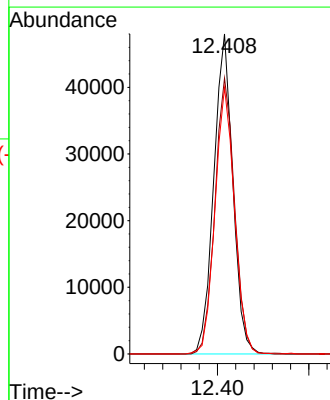
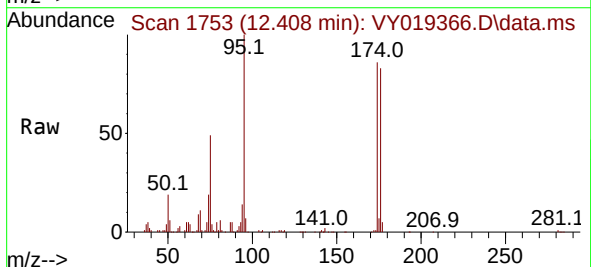
Tgt Ion: 95 Resp: 69348

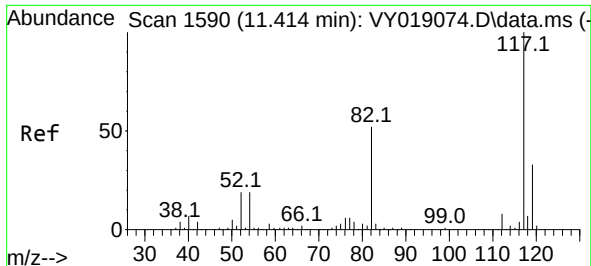
Ion Ratio Lower Upper

95 100

174 89.2 0.0 175.6

176 85.4 0.0 171.4

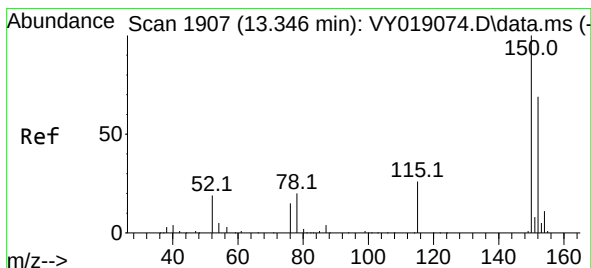
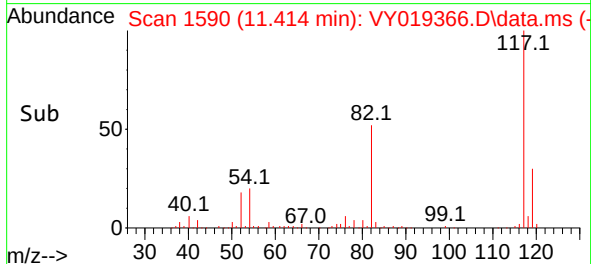
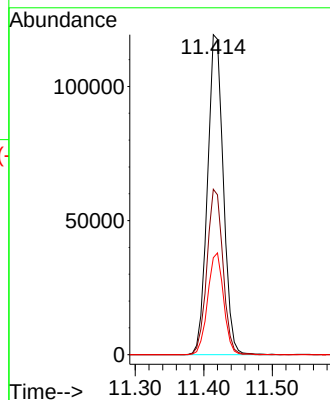
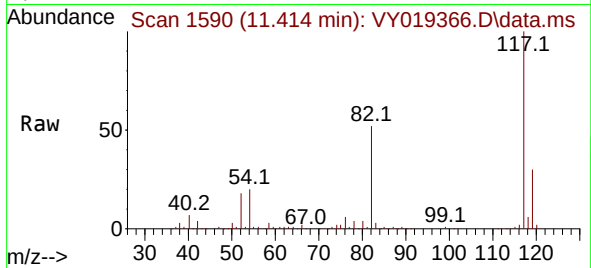




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019366.D
Acq: 29 Aug 2024 08:19

Instrument :
MSVOA_Y
ClientSampleId :
LIVONIA-SOIL

Tgt Ion:117 Resp: 192104
Ion Ratio Lower Upper
117 100
82 51.7 42.4 63.6
119 30.3 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: VY019366.D
Acq: 29 Aug 2024 08:19

Tgt Ion:152 Resp: 72368
Ion Ratio Lower Upper
152 100
115 56.5 28.2 84.7
150 155.8 0.0 345.6

