

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063022\
 Data File : VY009406.D
 Acq On : 30 Jun 2022 20:17
 Operator : KP/MD
 Sample : N3549-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ML-1

Quant Time: Jul 01 03:49:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	128345	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	217192	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	205862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	94114	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	57035	55.482	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.960%
35) Dibromofluoromethane	7.716	113	50856	42.544	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.080%
50) Toluene-d8	10.179	98	192285	52.465	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.920%
62) 4-Bromofluorobenzene	12.477	95	61082	35.141	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	70.280%

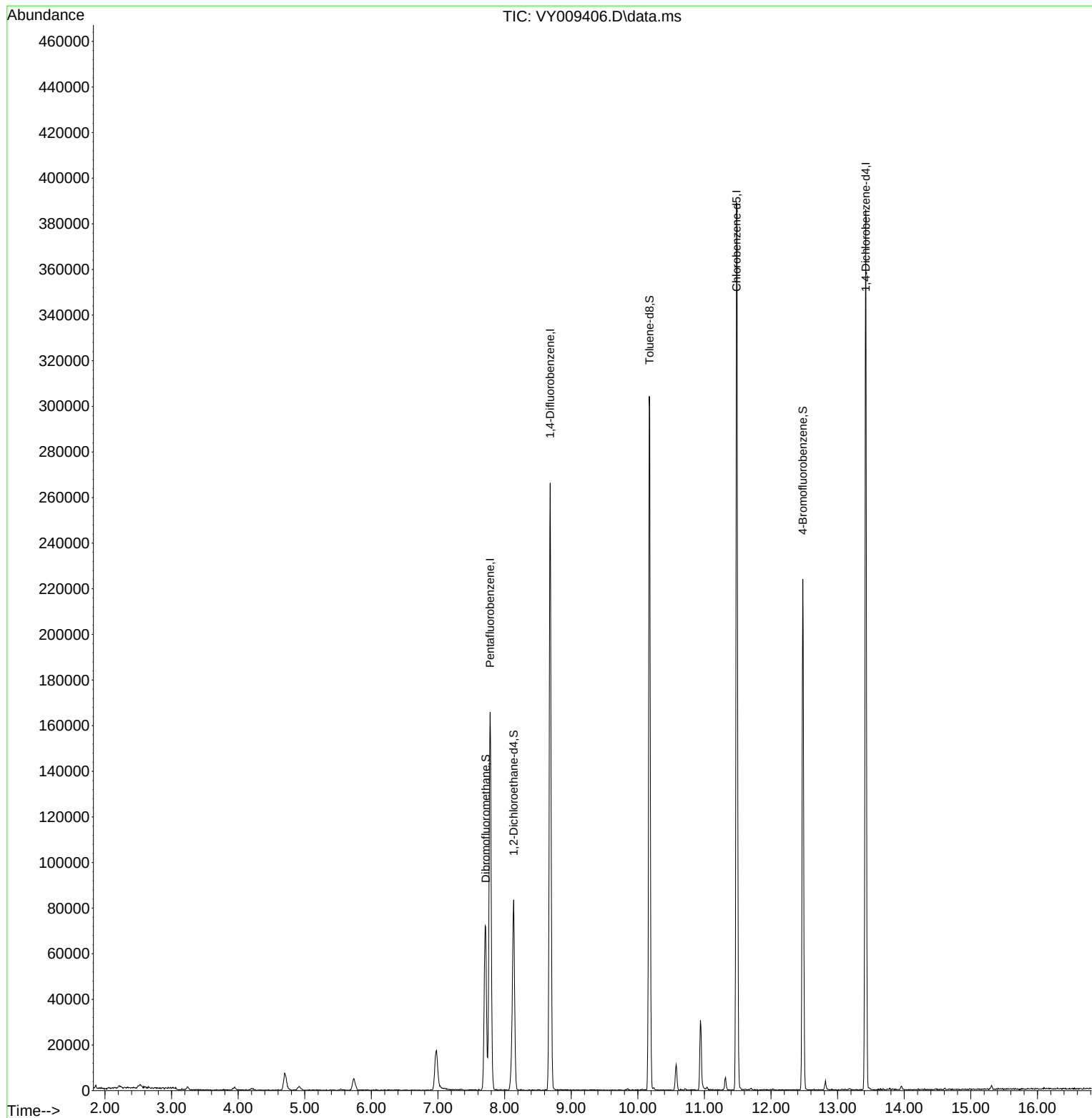
Target Compounds	Qvalue

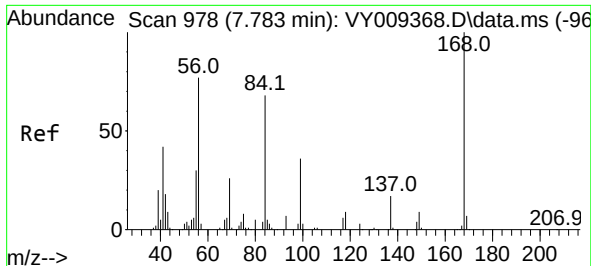
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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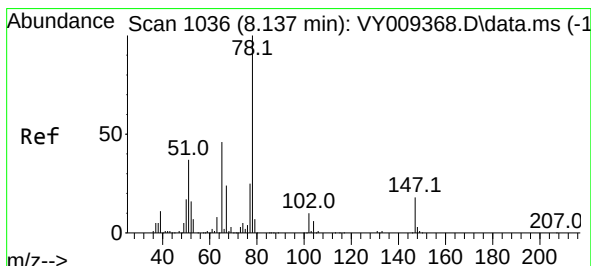
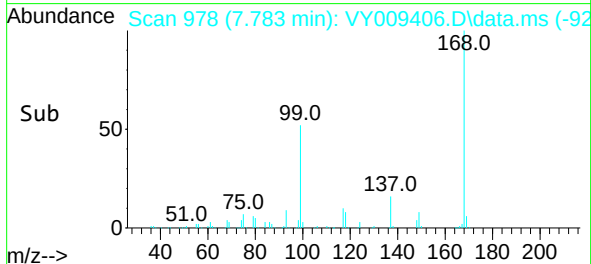
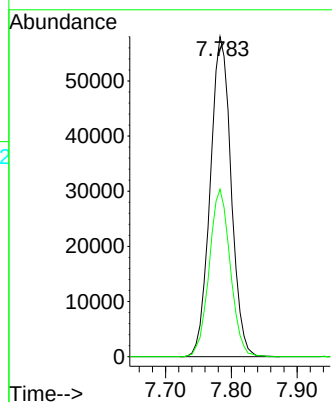
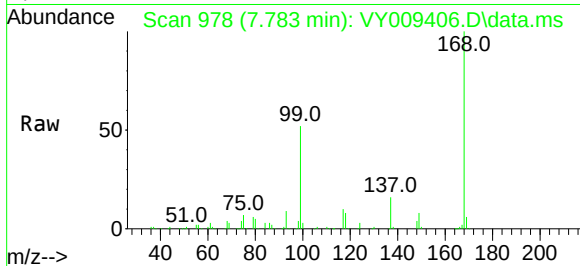




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009406.D
Acq: 30 Jun 2022 20:17

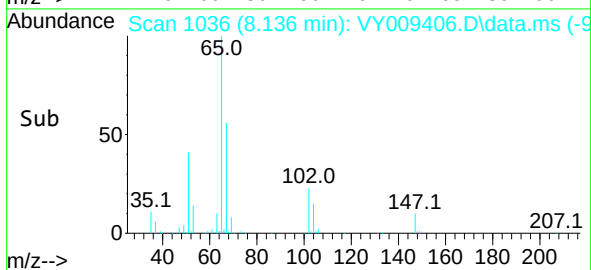
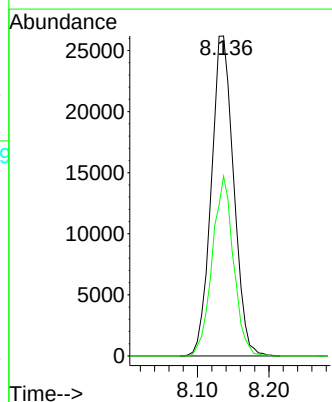
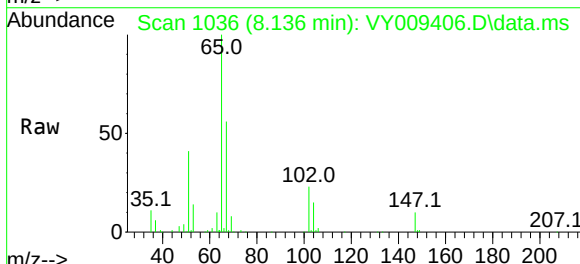
Instrument :
MSVOA_Y
ClientSampleId :
ML-1

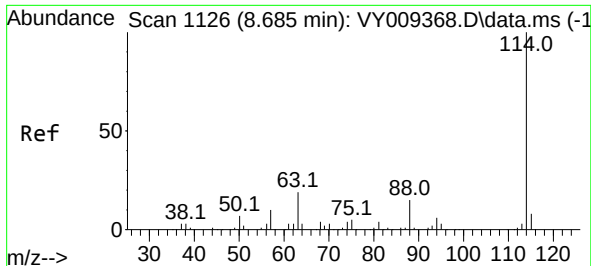
Tgt Ion:168 Resp: 128345
Ion Ratio Lower Upper
168 100
99 52.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 55.482 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009406.D
Acq: 30 Jun 2022 20:17

Tgt Ion: 65 Resp: 57035
Ion Ratio Lower Upper
65 100
67 53.1 0.0 99.4

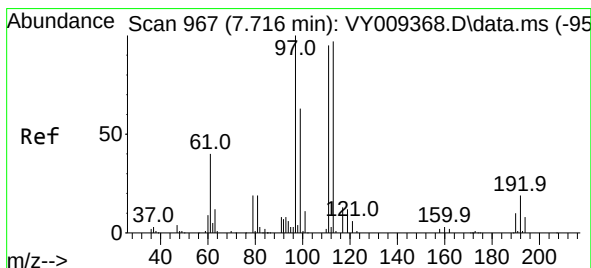
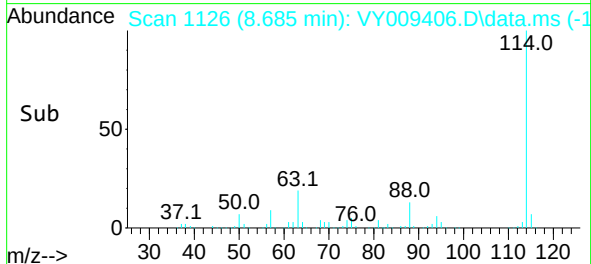
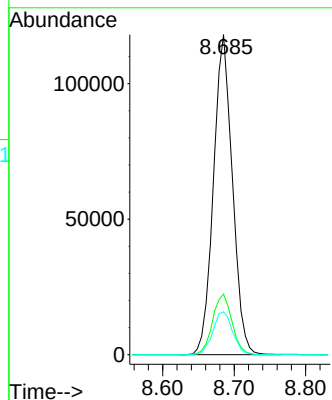
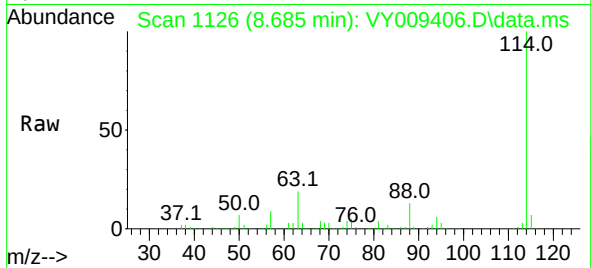




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009406.D
Acq: 30 Jun 2022 20:17

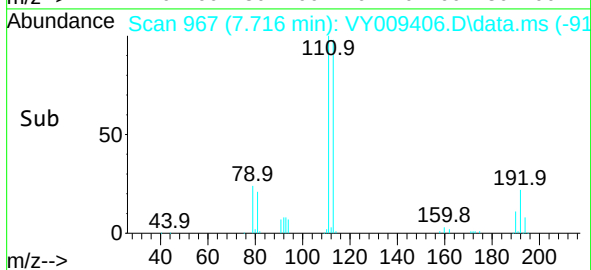
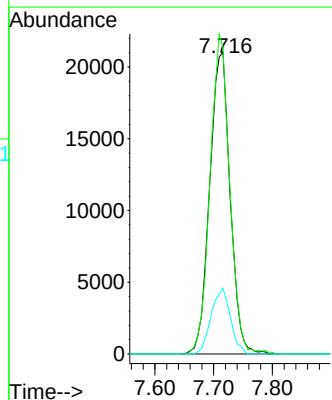
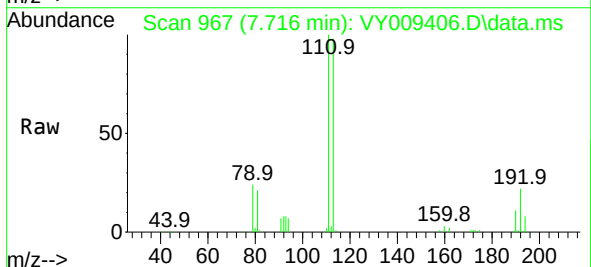
Instrument :
MSVOA_Y
ClientSampleId :
ML-1

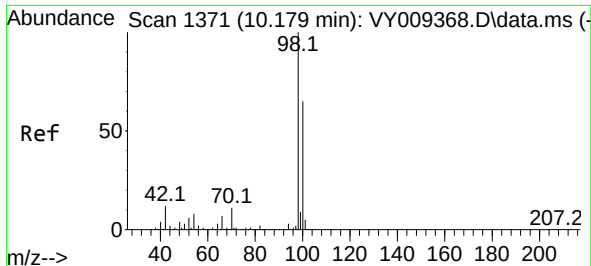
Tgt Ion:114 Resp: 217192
Ion Ratio Lower Upper
114 100
63 18.9 0.0 43.2
88 13.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 42.544 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY009406.D
Acq: 30 Jun 2022 20:17

Tgt Ion:113 Resp: 50856
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 20.5 17.6 26.4

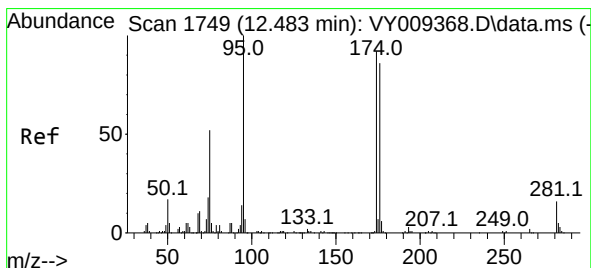
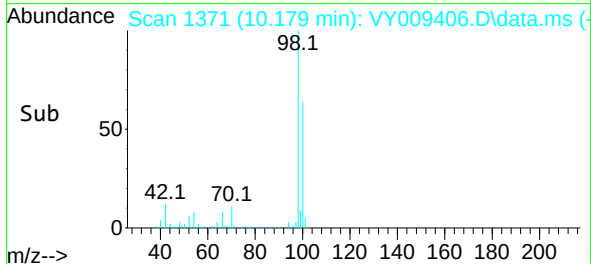
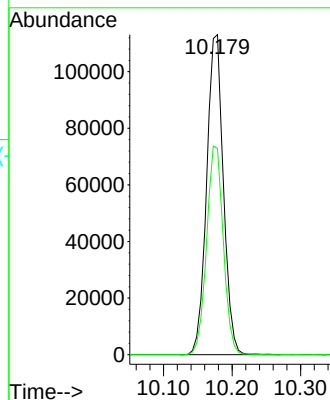
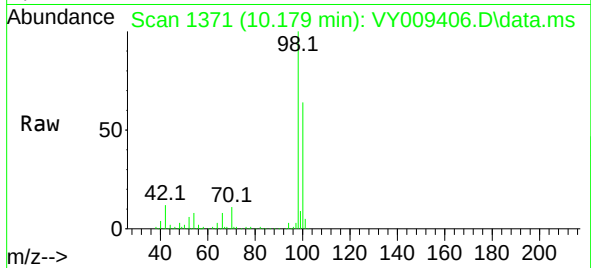




#50
Toluene-d8
Concen: 52.465 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009406.D
Acq: 30 Jun 2022 20:17

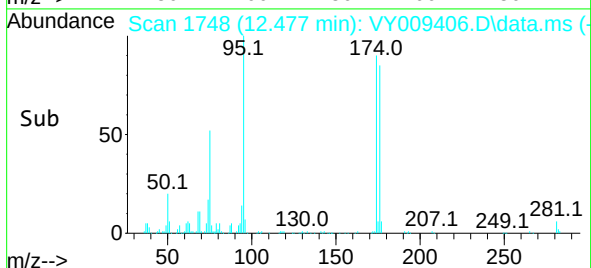
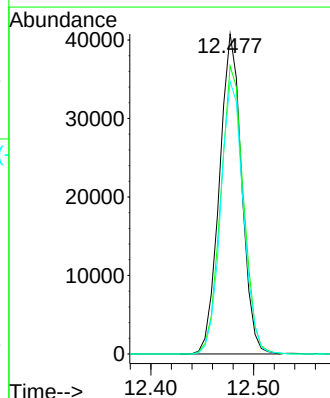
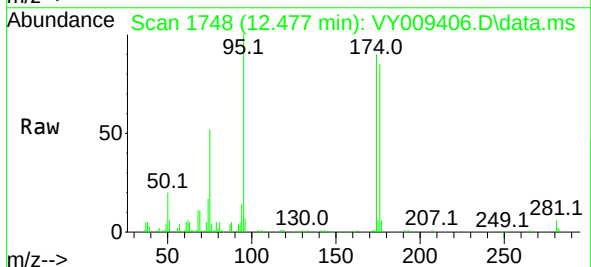
Instrument :
MSVOA_Y
ClientSampleId :
ML-1

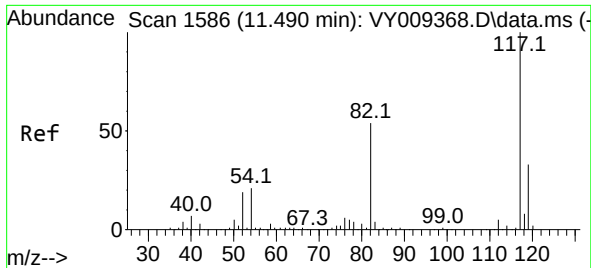
Tgt Ion: 98 Resp: 192285
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.141 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009406.D
Acq: 30 Jun 2022 20:17

Tgt Ion: 95 Resp: 61082
Ion Ratio Lower Upper
95 100
174 92.4 0.0 177.0
176 86.8 0.0 175.8

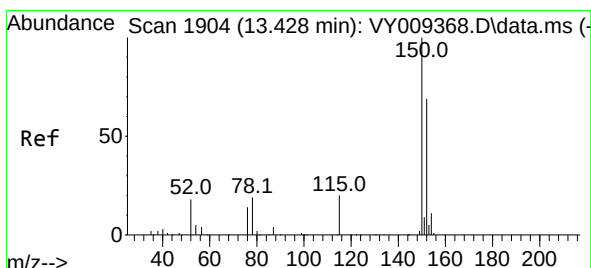
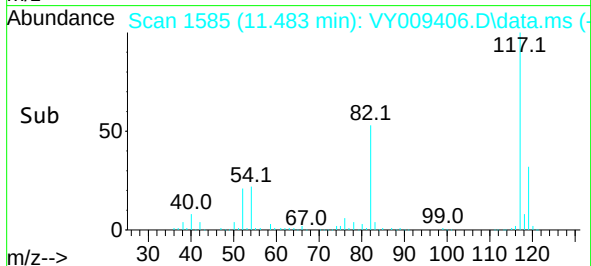
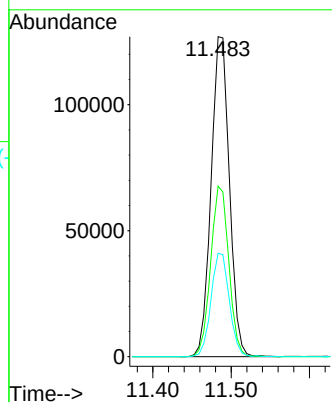
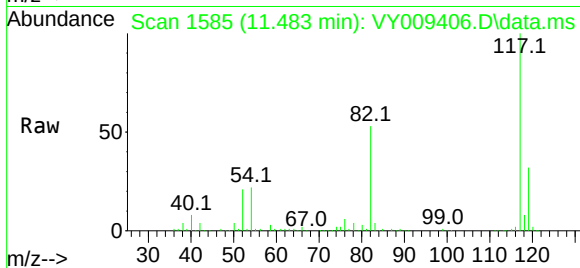




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY009406.D
Acq: 30 Jun 2022 20:17

Instrument :
MSVOA_Y
ClientSampleId :
ML-1

Tgt Ion:117 Resp: 205862
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.4
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009406.D
Acq: 30 Jun 2022 20:17

Tgt Ion:152 Resp: 94114
Ion Ratio Lower Upper
152 100
115 54.8 28.2 84.7
150 155.3 0.0 347.6

