

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063023\
 Data File : VY014526.D
 Acq On : 30 Jun 2023 19:27
 Operator : KP/MD
 Sample : 03487-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BERGEN-COMP

Quant Time: Jun 30 23:21:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	246032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	393521	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	394847	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	200287	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	127059	51.914	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.820%
35) Dibromofluoromethane	7.715	113	119649	49.374	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.740%
50) Toluene-d8	10.178	98	496094	51.786	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.580%
62) 4-Bromofluorobenzene	12.477	95	184111	55.347	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	110.700%

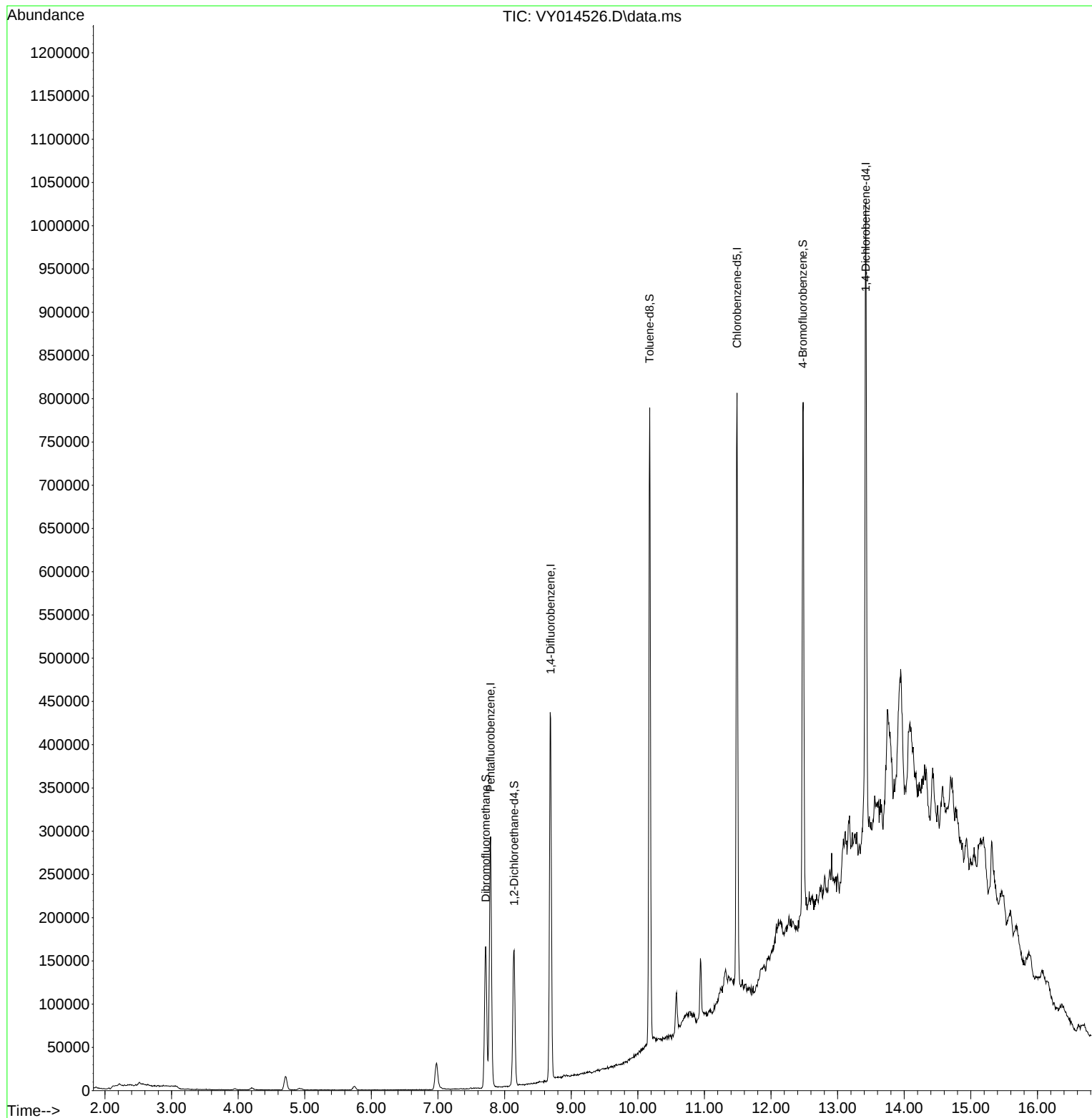
Target Compounds	Qvalue

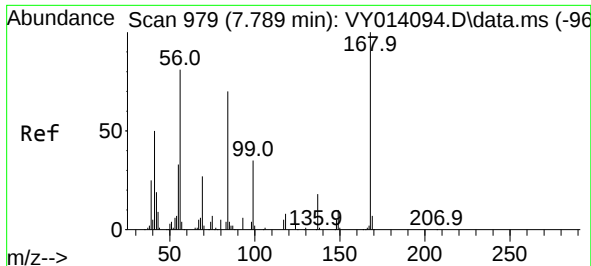
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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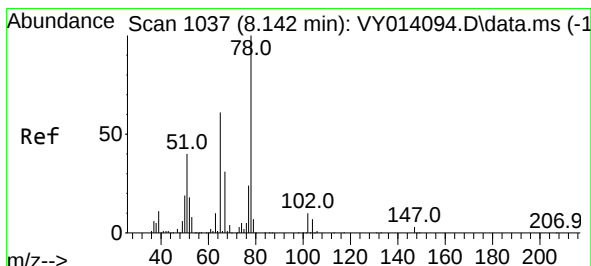
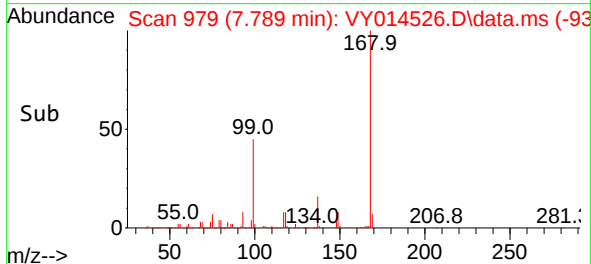
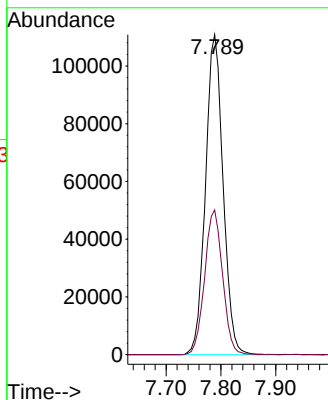
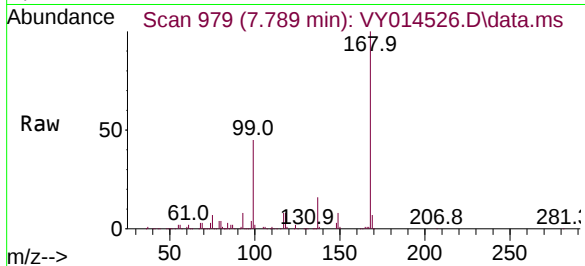




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014526.D
Acq: 30 Jun 2023 19:27

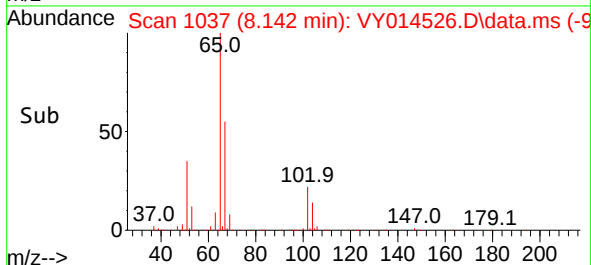
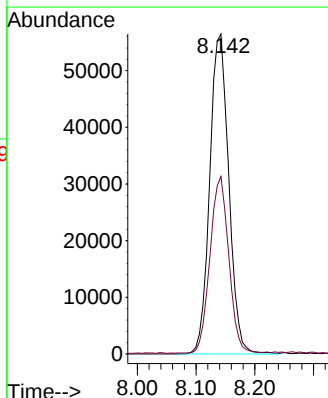
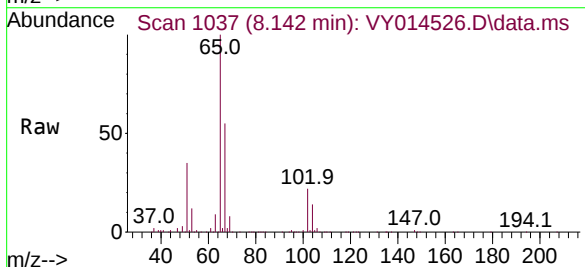
Instrument :
MSVOA_Y
ClientSampleId :
BERGEN-COMP

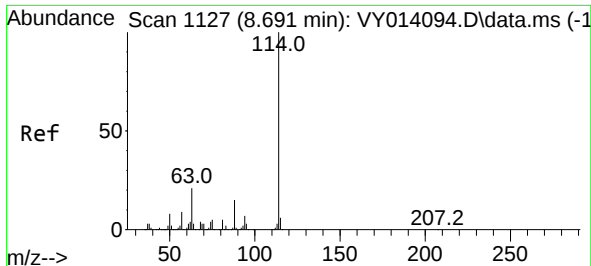
Tgt Ion:168 Resp: 246032
Ion Ratio Lower Upper
168 100
99 45.3 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 51.914 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY014526.D
Acq: 30 Jun 2023 19:27

Tgt Ion: 65 Resp: 127059
Ion Ratio Lower Upper
65 100
67 54.6 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY014526.D

Acq: 30 Jun 2023 19:27

Instrument :

MSVOA_Y

ClientSampleId :

BERGEN-COMP

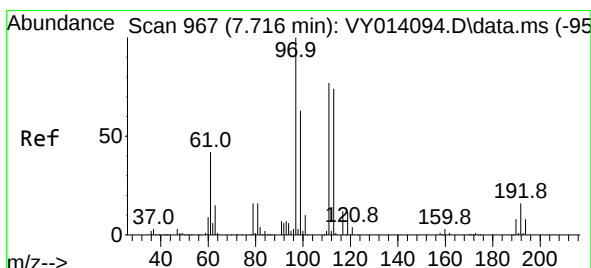
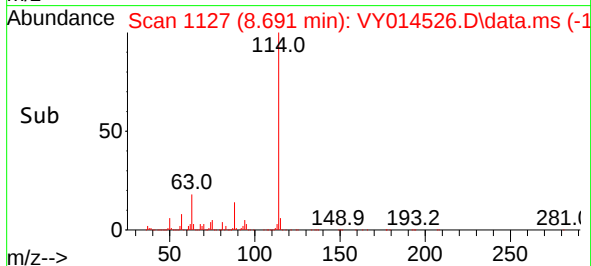
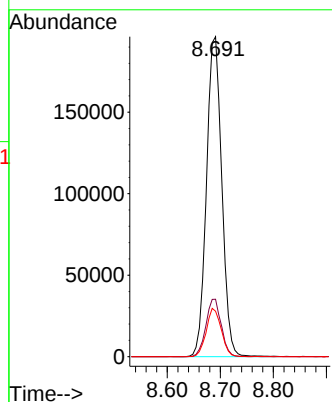
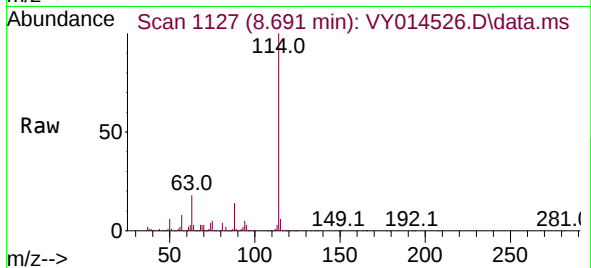
Tgt Ion:114 Resp: 393521

Ion Ratio Lower Upper

114 100

63 18.0 0.0 42.4

88 14.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.374 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.001 min

Lab File: VY014526.D

Acq: 30 Jun 2023 19:27

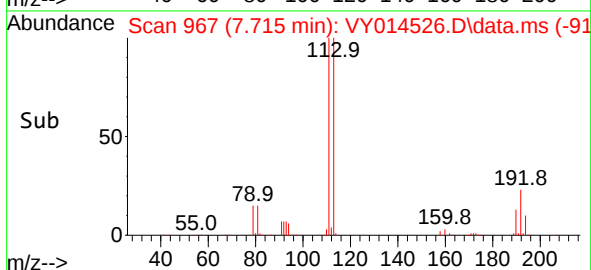
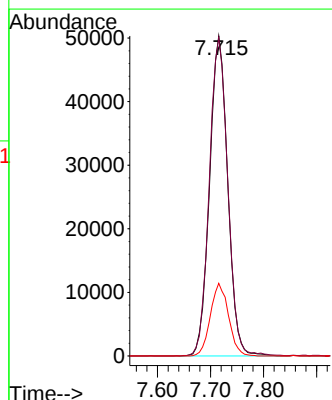
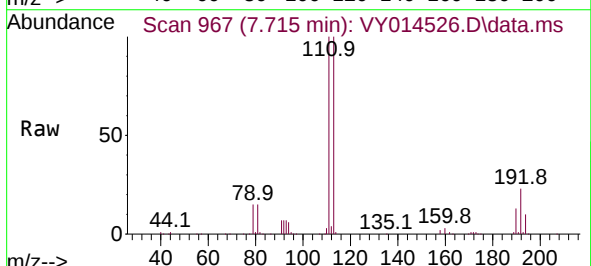
Tgt Ion:113 Resp: 119649

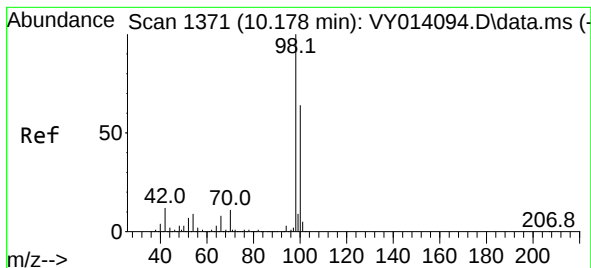
Ion Ratio Lower Upper

113 100

111 101.4 81.3 121.9

192 22.7 16.9 25.3

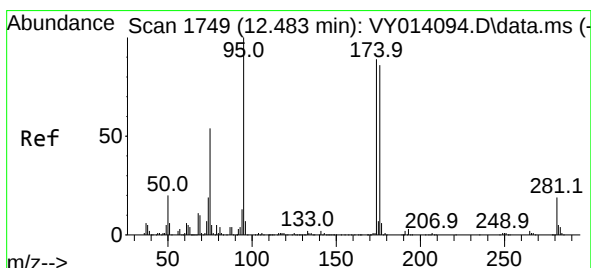
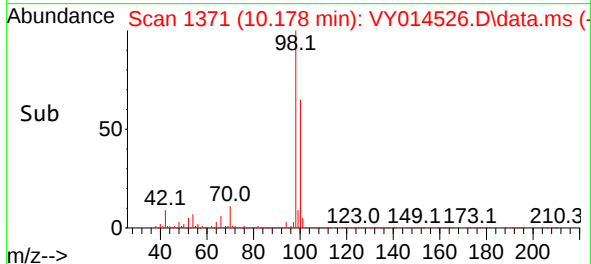
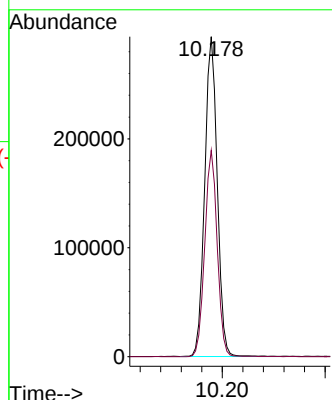
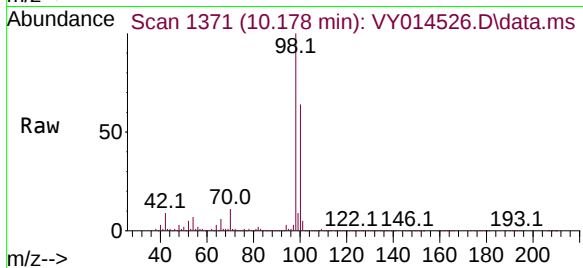




#50
Toluene-d8
Concen: 51.786 ug/l
RT: 10.178 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014526.D
Acq: 30 Jun 2023 19:27

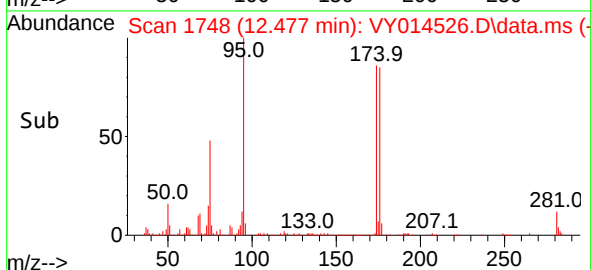
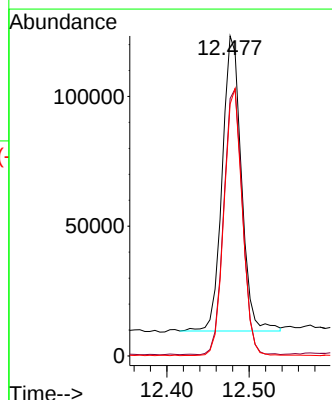
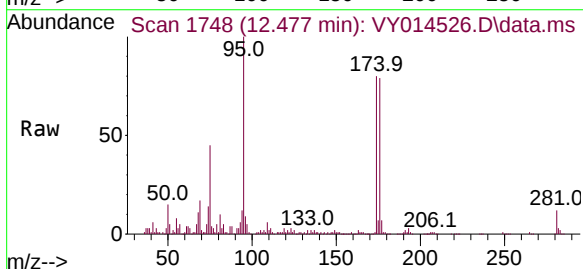
Instrument :
MSVOA_Y
ClientSampleId :
BERGEN-COMP

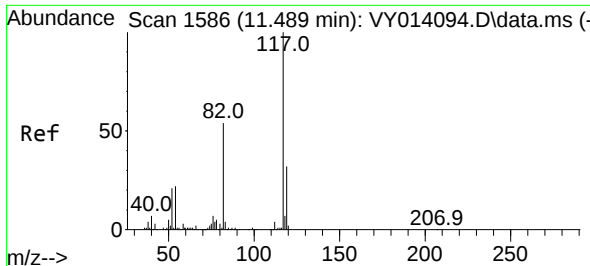
Tgt Ion: 98 Resp: 496094
Ion Ratio Lower Upper
98 100
100 64.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 55.347 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014526.D
Acq: 30 Jun 2023 19:27

Tgt Ion: 95 Resp: 184111
Ion Ratio Lower Upper
95 100
174 87.6 0.0 178.2
176 86.4 0.0 173.8

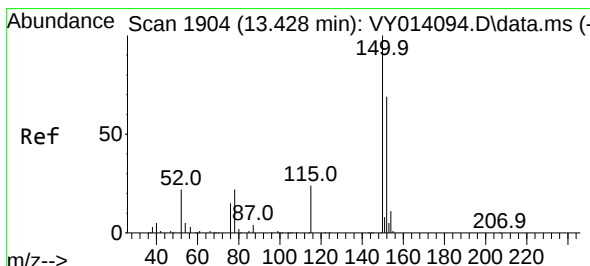
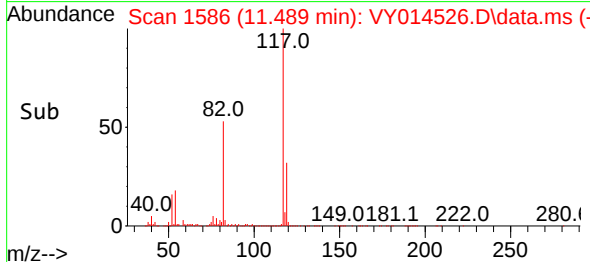
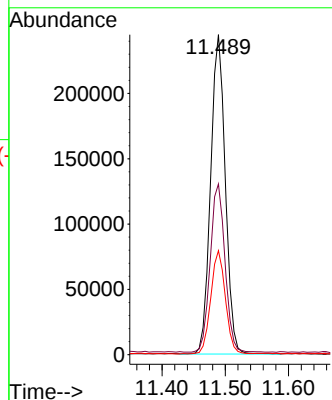
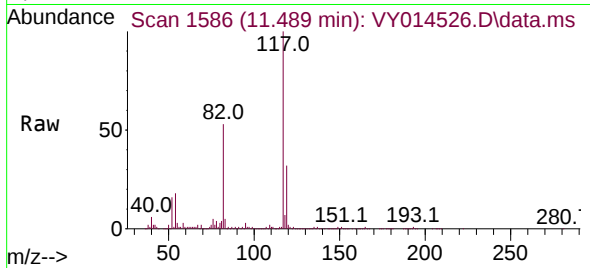




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014526.D
Acq: 30 Jun 2023 19:27

Instrument :
MSVOA_Y
ClientSampleId :
BERGEN-COMP

Tgt Ion:117 Resp: 394847
Ion Ratio Lower Upper
117 100
82 52.5 43.4 65.0
119 32.3 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY014526.D
Acq: 30 Jun 2023 19:27

Tgt Ion:152 Resp: 200287
Ion Ratio Lower Upper
152 100
115 53.2 28.8 86.5
150 154.7 0.0 348.8

