

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021723\
 Data File : VY012644.D
 Acq On : 17 Feb 2023 12:35
 Operator : KP/MD
 Sample : 01587-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-02162023

Quant Time: Feb 17 14:59:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	153566	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	255178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	256964	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	123768	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	90283	46.233	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.460%
35) Dibromofluoromethane	7.716	113	76549	41.192	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.380%
50) Toluene-d8	10.179	98	300506	38.850	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	77.700%
62) 4-Bromofluorobenzene	12.477	95	104003	38.548	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.100%

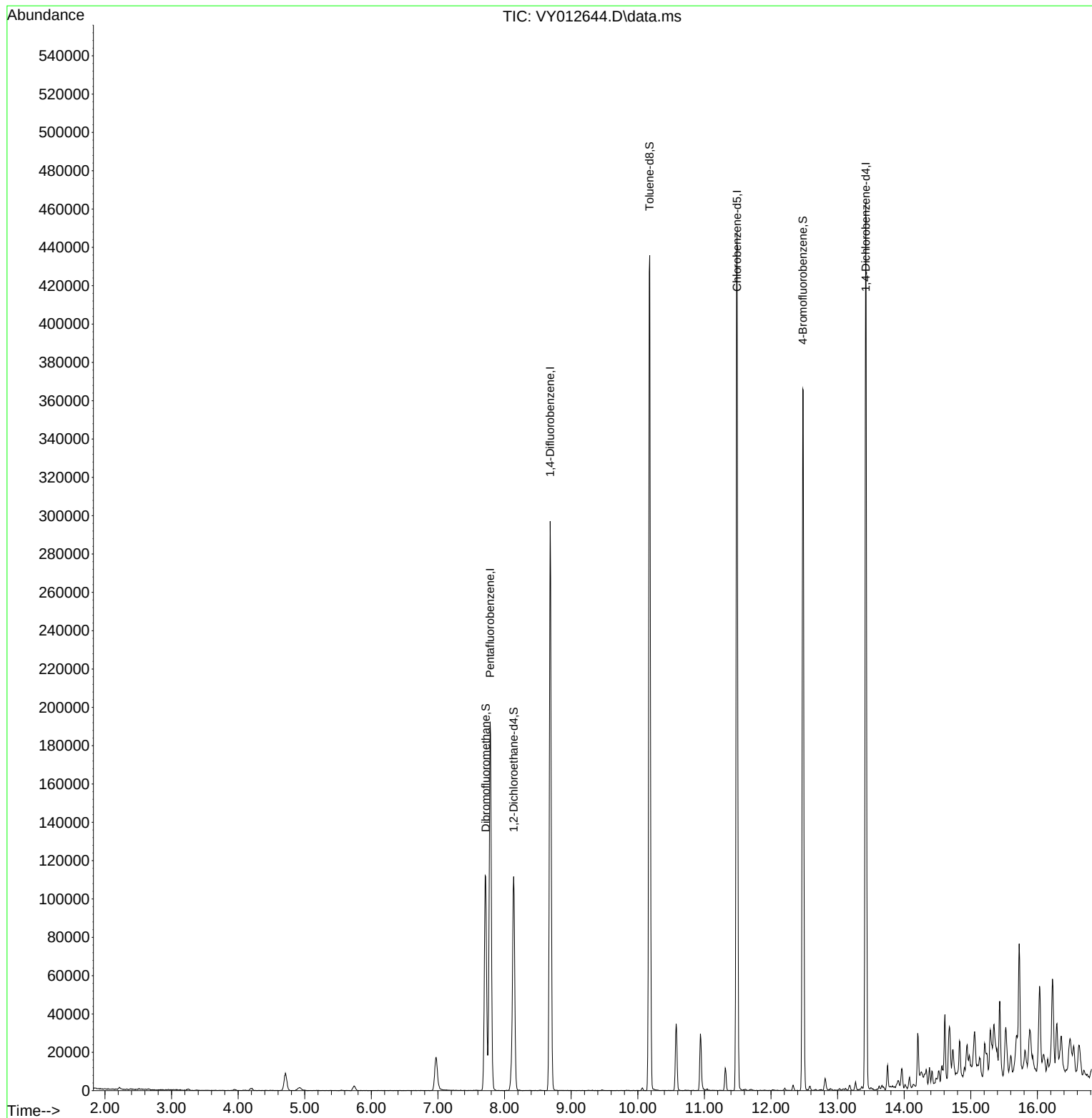
Target Compounds	Qvalue

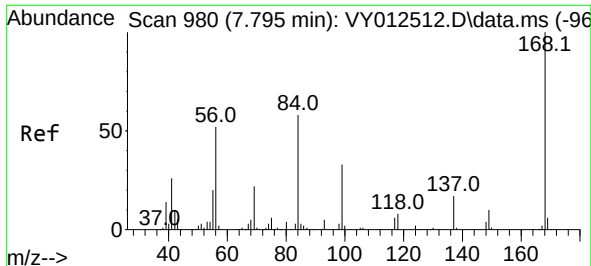
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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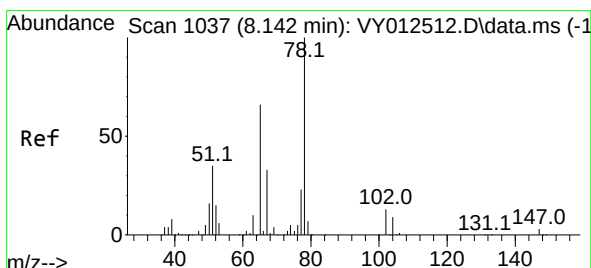
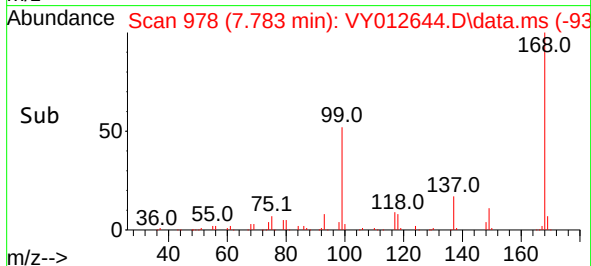
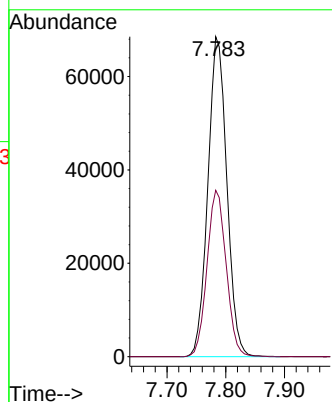
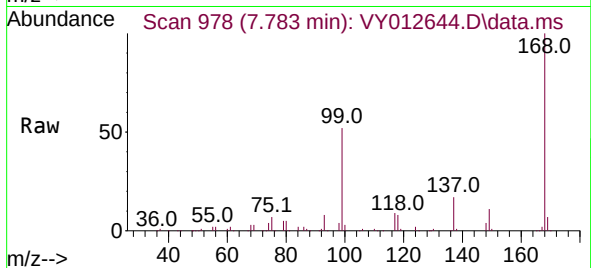




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY012644.D
Acq: 17 Feb 2023 12:35

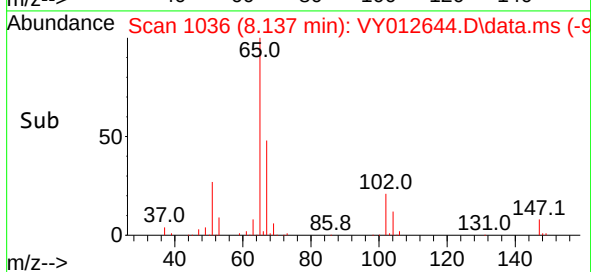
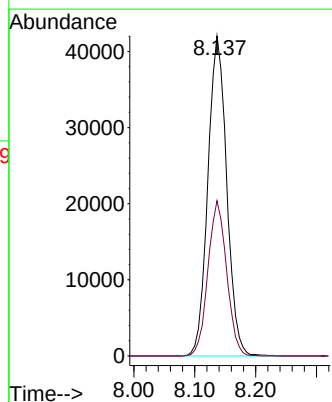
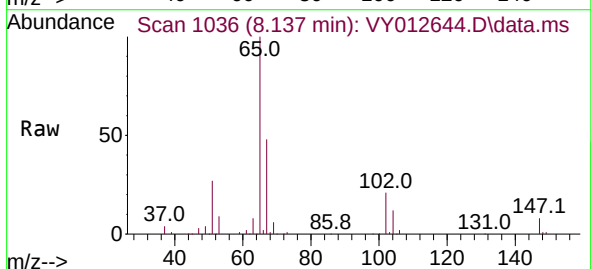
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-02162023

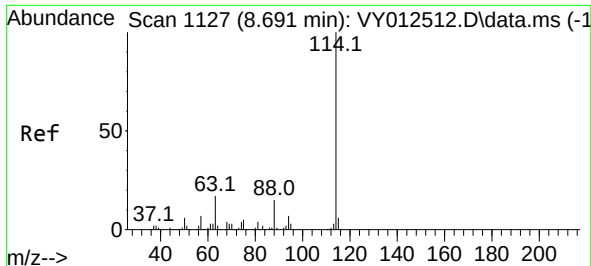
Tgt Ion:168 Resp: 153566
Ion Ratio Lower Upper
168 100
99 52.0 40.8 61.2



#33
1,2-Dichloroethane-d4
Concen: 46.233 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012644.D
Acq: 17 Feb 2023 12:35

Tgt Ion: 65 Resp: 90283
Ion Ratio Lower Upper
65 100
67 48.1 0.0 98.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012644.D

Acq: 17 Feb 2023 12:35

Instrument :

MSVOA_Y

ClientSampleId :

OK-02-02162023

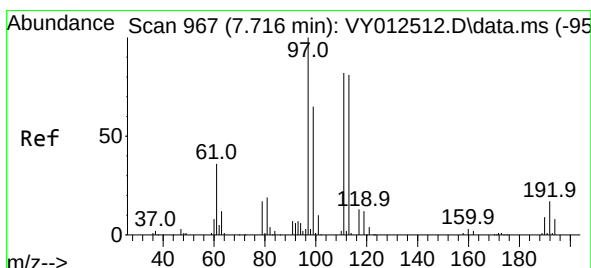
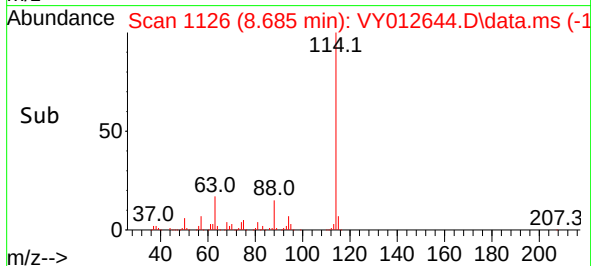
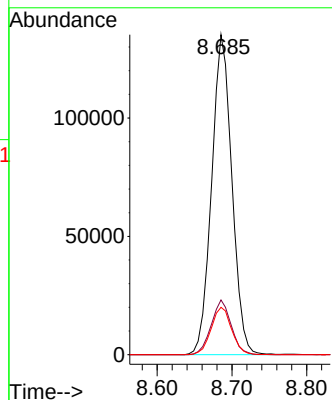
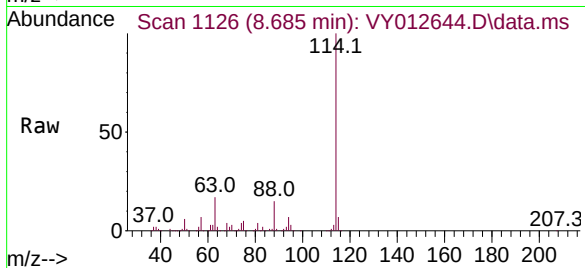
Tgt Ion:114 Resp: 255178

Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.6

88 14.8 0.0 29.8



#35

Dibromofluoromethane

Concen: 41.192 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY012644.D

Acq: 17 Feb 2023 12:35

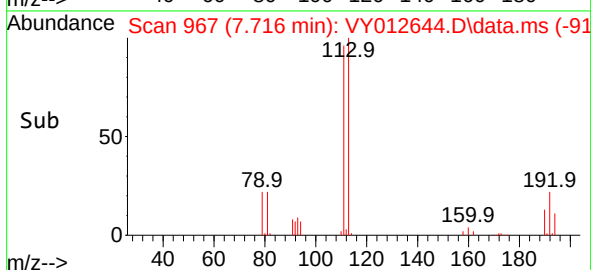
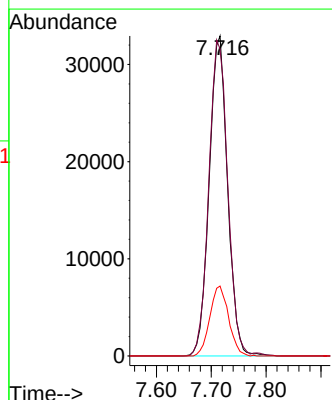
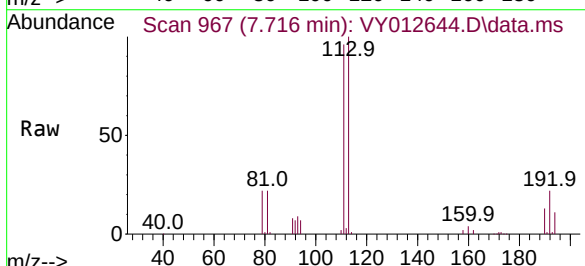
Tgt Ion:113 Resp: 76549

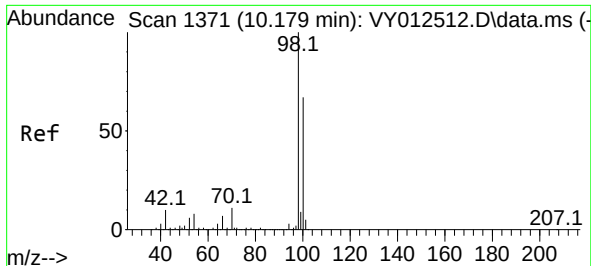
Ion Ratio Lower Upper

113 100

111 101.2 81.9 122.9

192 22.3 17.5 26.3

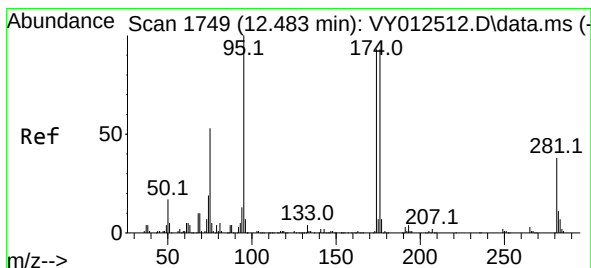
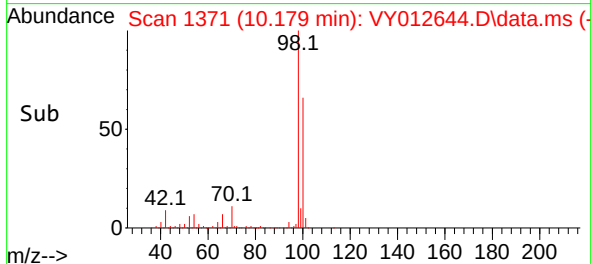
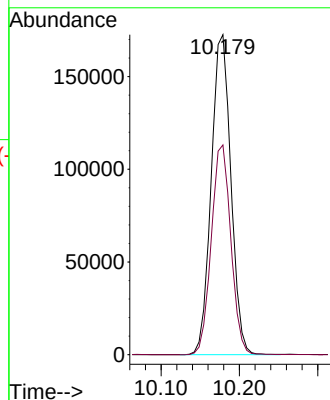
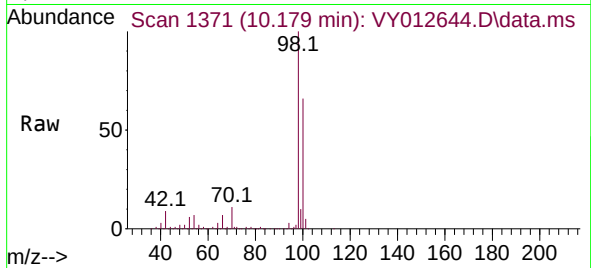




#50
Toluene-d8
Concen: 38.850 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012644.D
Acq: 17 Feb 2023 12:35

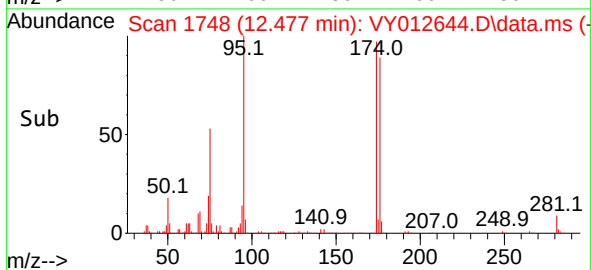
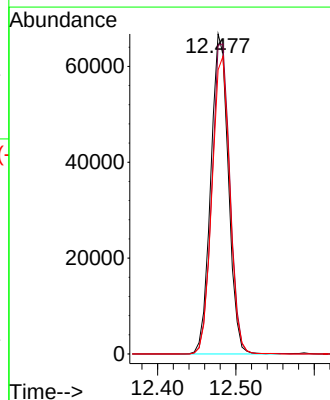
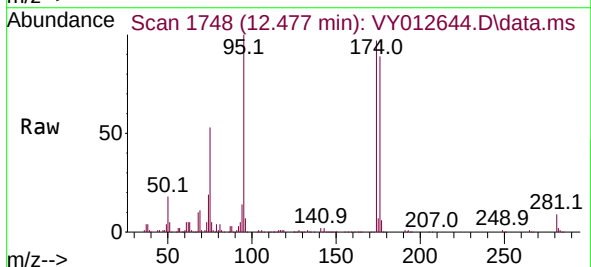
Instrument :
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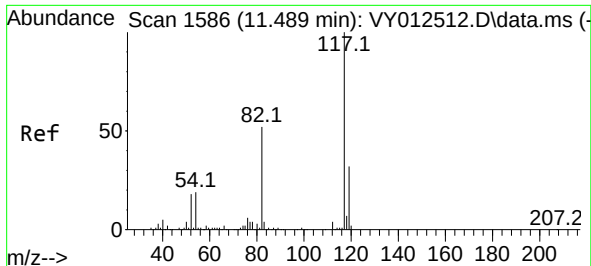
Tgt Ion: 98 Resp: 300506
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 38.548 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012644.D
Acq: 17 Feb 2023 12:35

Tgt Ion: 95 Resp: 104003
Ion Ratio Lower Upper
95 100
174 99.0 0.0 188.0
176 94.3 0.0 183.6

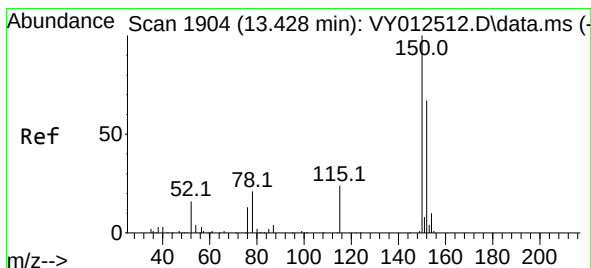
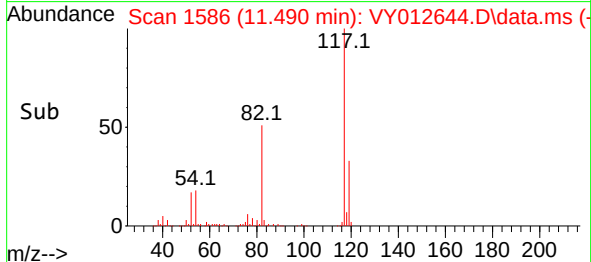
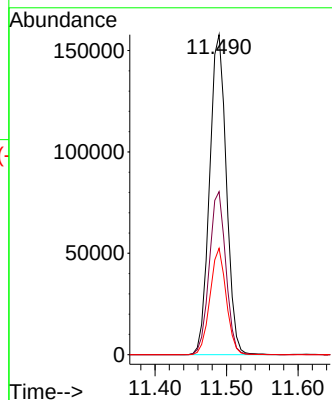
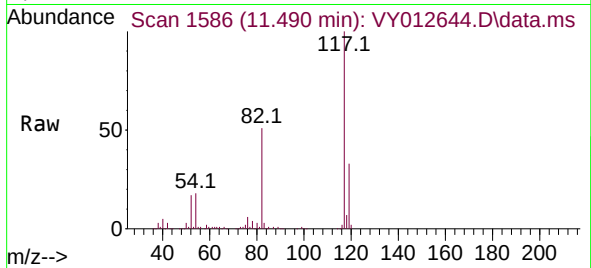




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012644.D
Acq: 17 Feb 2023 12:35

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-02162023

Tgt Ion:117 Resp: 256964
Ion Ratio Lower Upper
117 100
82 51.0 41.7 62.5
119 33.3 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY012644.D
Acq: 17 Feb 2023 12:35

Tgt Ion:152 Resp: 123768
Ion Ratio Lower Upper
152 100
115 56.1 28.1 84.3
150 156.5 0.0 351.0

