

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050323\
 Data File : VY013588.D
 Acq On : 03 May 2023 17:44
 Operator : KP/MD
 Sample : 02571-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OE-3-050123

Quant Time: May 04 01:21:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	176050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	288198	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	275868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	129583	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	125349	64.951	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.900%
35) Dibromofluoromethane	7.710	113	99786	55.050	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.100%
50) Toluene-d8	10.179	98	355499	55.131	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.260%
62) 4-Bromofluorobenzene	12.477	95	110869	51.001	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.000%

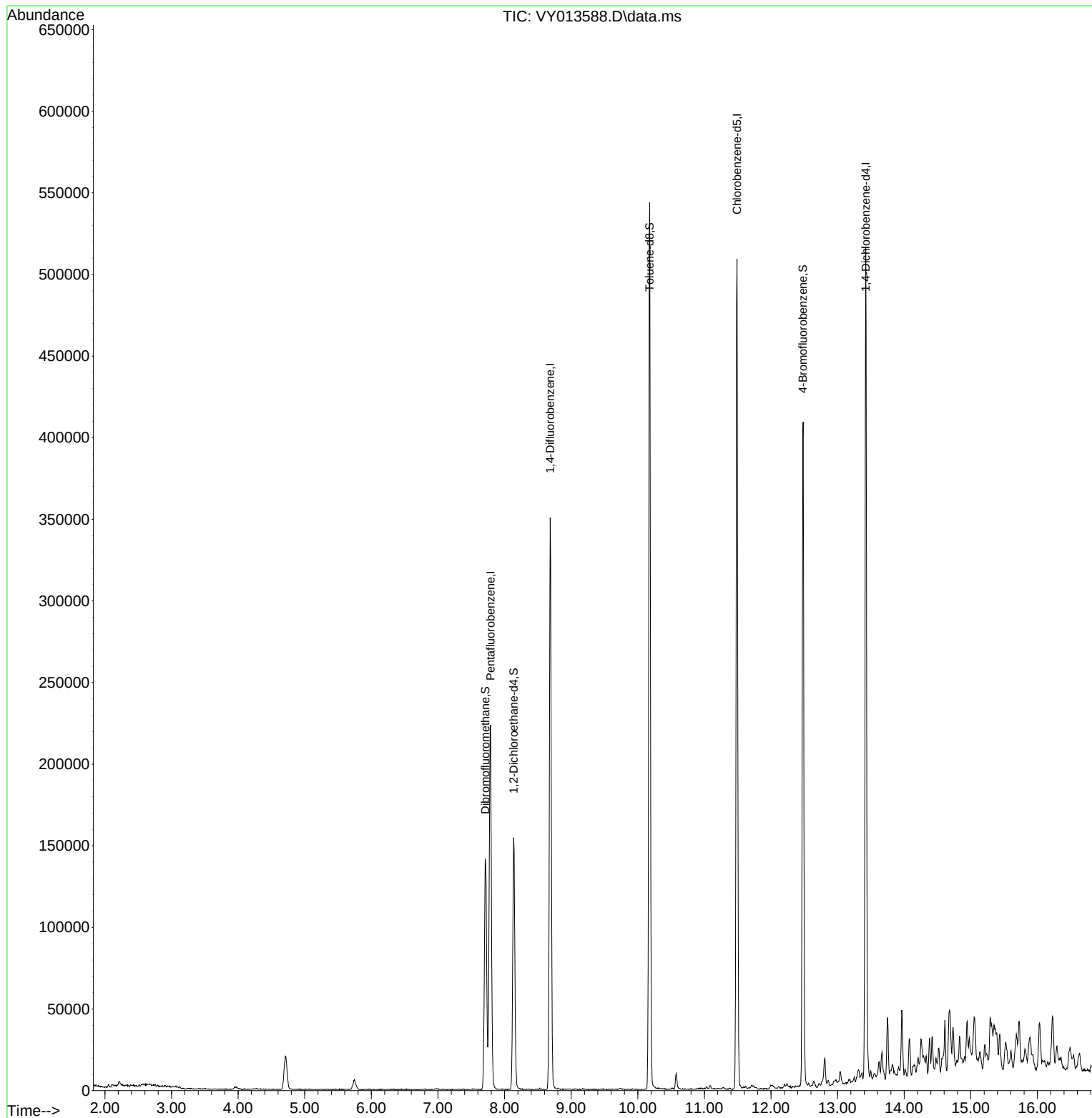
Target Compounds	Qvalue

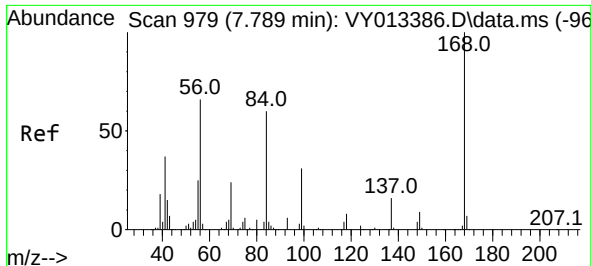
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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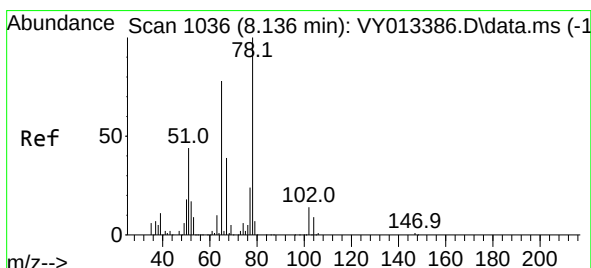
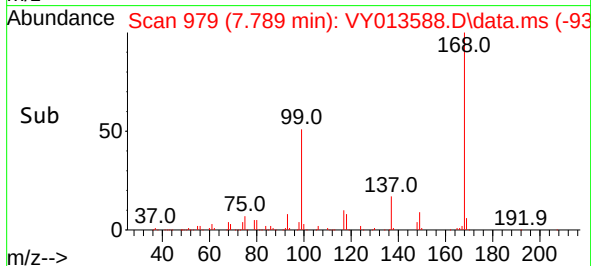
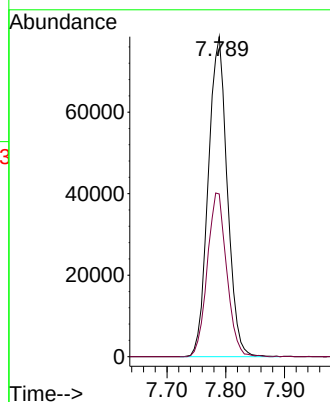
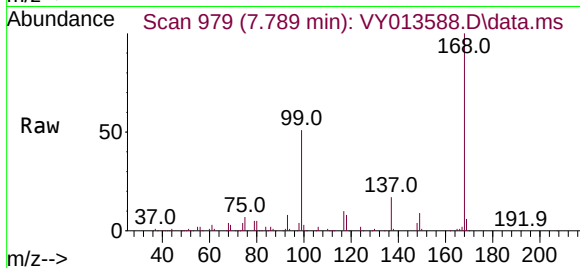




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013588.D
Acq: 03 May 2023 17:44

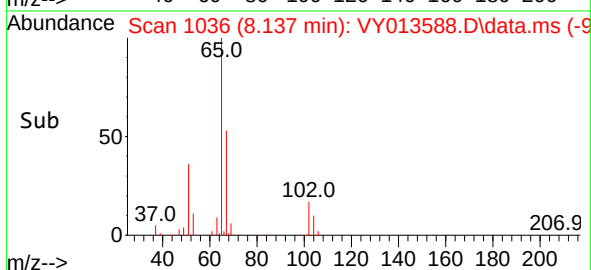
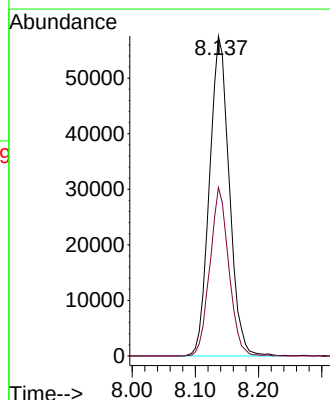
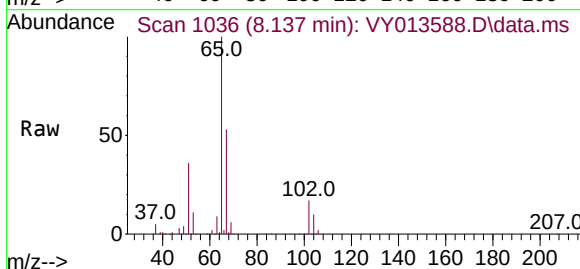
Instrument :
MSVOA_Y
ClientSampleId :
OE-3-050123

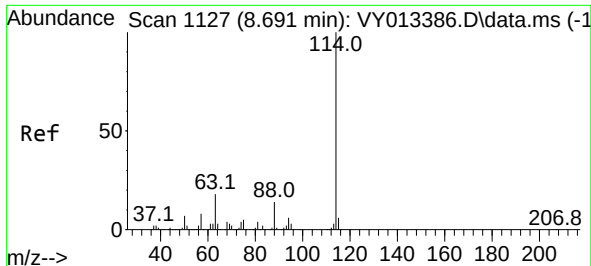
Tgt Ion:168 Resp: 176050
Ion Ratio Lower Upper
168 100
99 50.9 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 64.951 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY013588.D
Acq: 03 May 2023 17:44

Tgt Ion: 65 Resp: 125349
Ion Ratio Lower Upper
65 100
67 50.3 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013588.D

Acq: 03 May 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

OE-3-050123

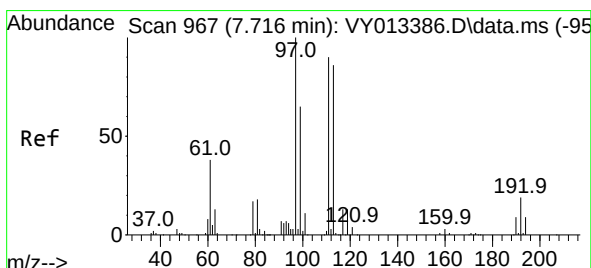
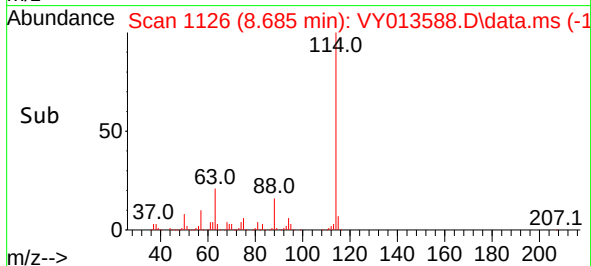
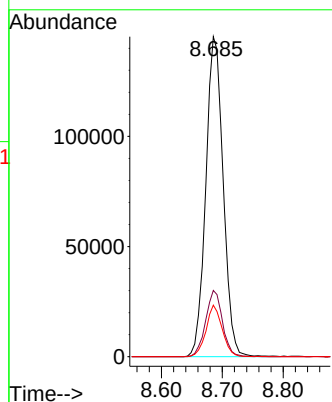
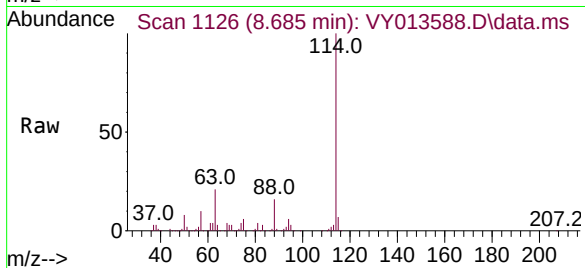
Tgt Ion:114 Resp: 288198

Ion Ratio Lower Upper

114 100

63 20.7 0.0 36.6

88 16.1 0.0 28.8



#35

Dibromofluoromethane

Concen: 55.050 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY013588.D

Acq: 03 May 2023 17:44

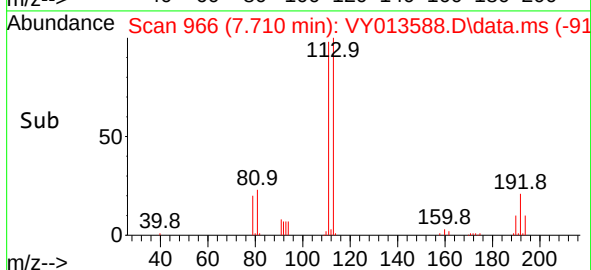
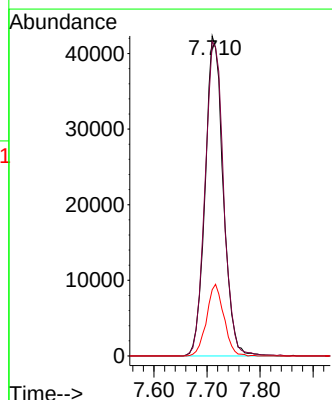
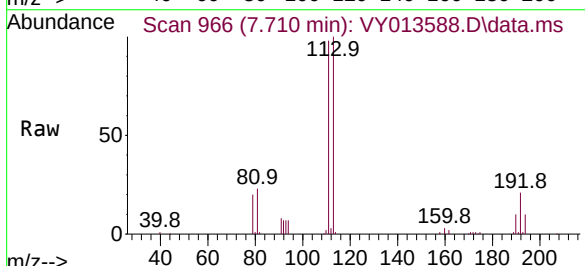
Tgt Ion:113 Resp: 99786

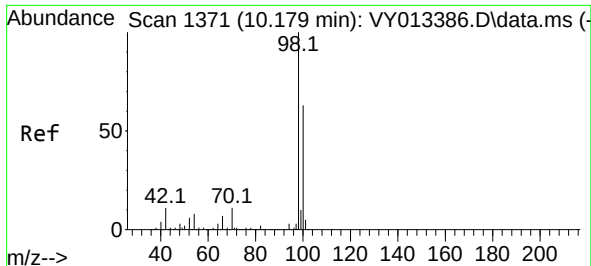
Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.2

192 21.5 16.7 25.1

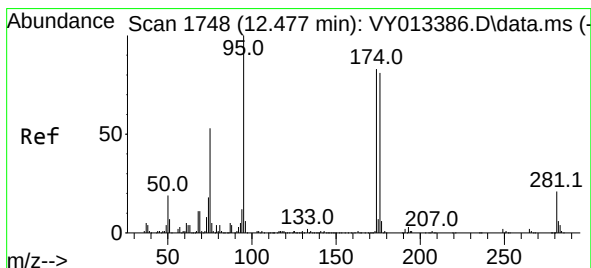
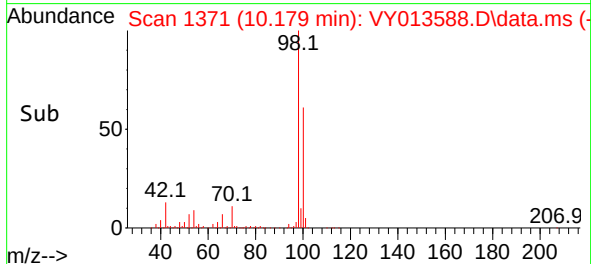
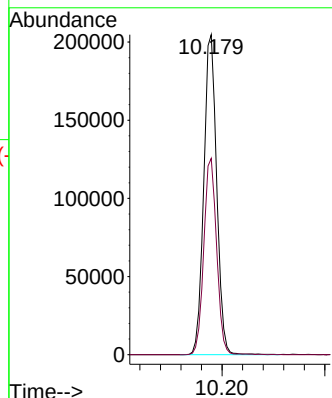
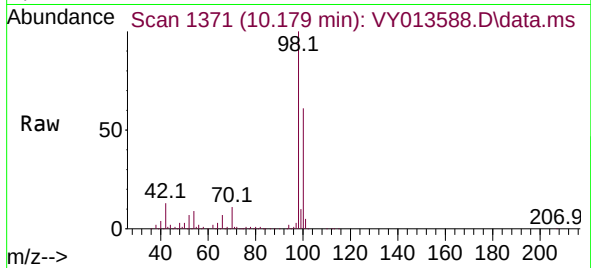




#50
Toluene-d8
Concen: 55.131 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013588.D
Acq: 03 May 2023 17:44

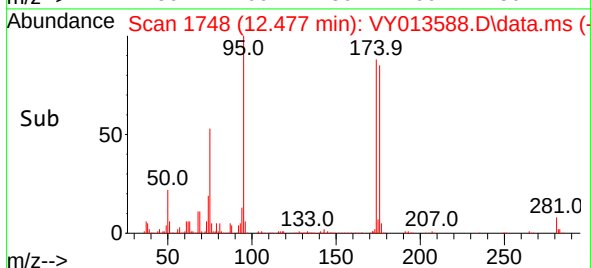
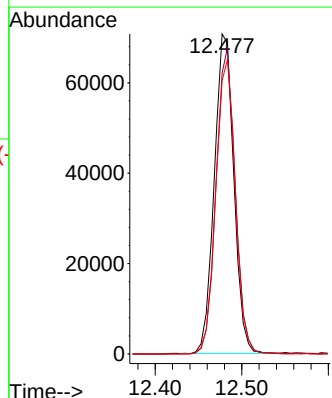
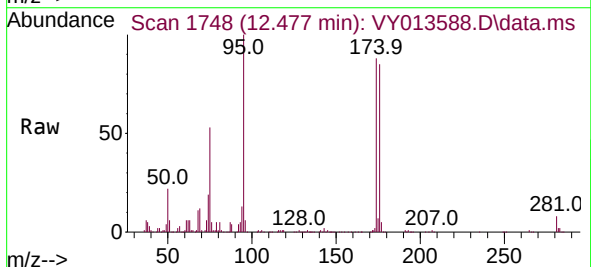
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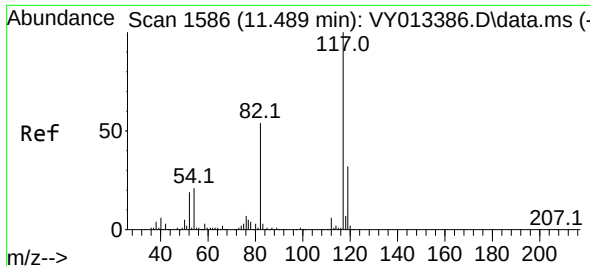
Tgt Ion: 98 Resp: 355499
Ion Ratio Lower Upper
98 100
100 61.2 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 51.001 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013588.D
Acq: 03 May 2023 17:44

Tgt Ion: 95 Resp: 110869
Ion Ratio Lower Upper
95 100
174 93.7 0.0 182.0
176 91.9 0.0 175.4

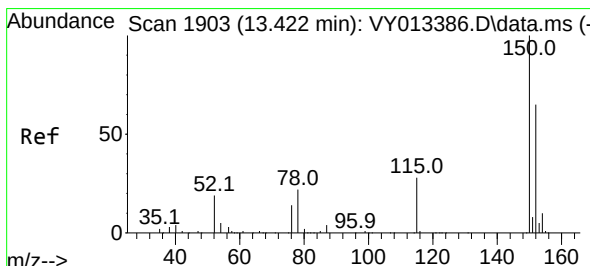
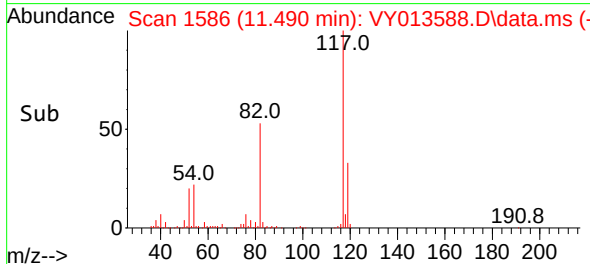
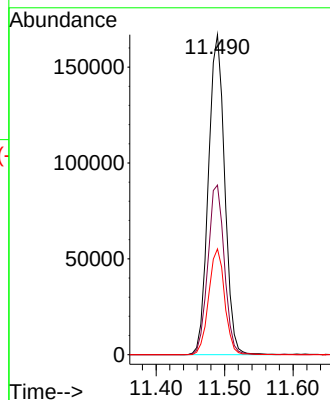
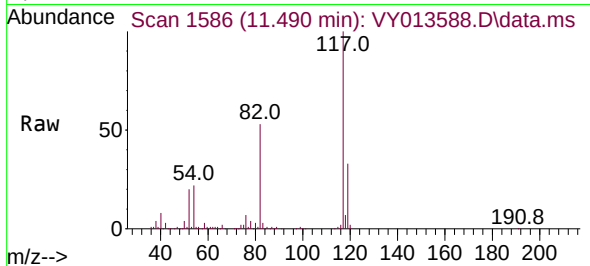




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY013588.D
Acq: 03 May 2023 17:44

Instrument :
MSVOA_Y
ClientSampleId :
OE-3-050123

Tgt Ion:117 Resp: 275868
Ion Ratio Lower Upper
117 100
82 53.0 43.0 64.6
119 33.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013588.D
Acq: 03 May 2023 17:44

Tgt Ion:152 Resp: 129583
Ion Ratio Lower Upper
152 100
115 56.4 28.1 84.2
150 156.1 0.0 352.0

