

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051523\
 Data File : VY013745.D
 Acq On : 15 May 2023 18:47
 Operator : KP/MD
 Sample : 02753-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OE-3-051123

Quant Time: May 16 01:34:28 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	179539	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	315639	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	307360	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	142884	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	128407	65.243	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.480%
35) Dibromofluoromethane	7.716	113	109513	55.164	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.320%
50) Toluene-d8	10.179	98	388073	54.950	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.900%
62) 4-Bromofluorobenzene	12.477	95	133182	55.939	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	111.880%

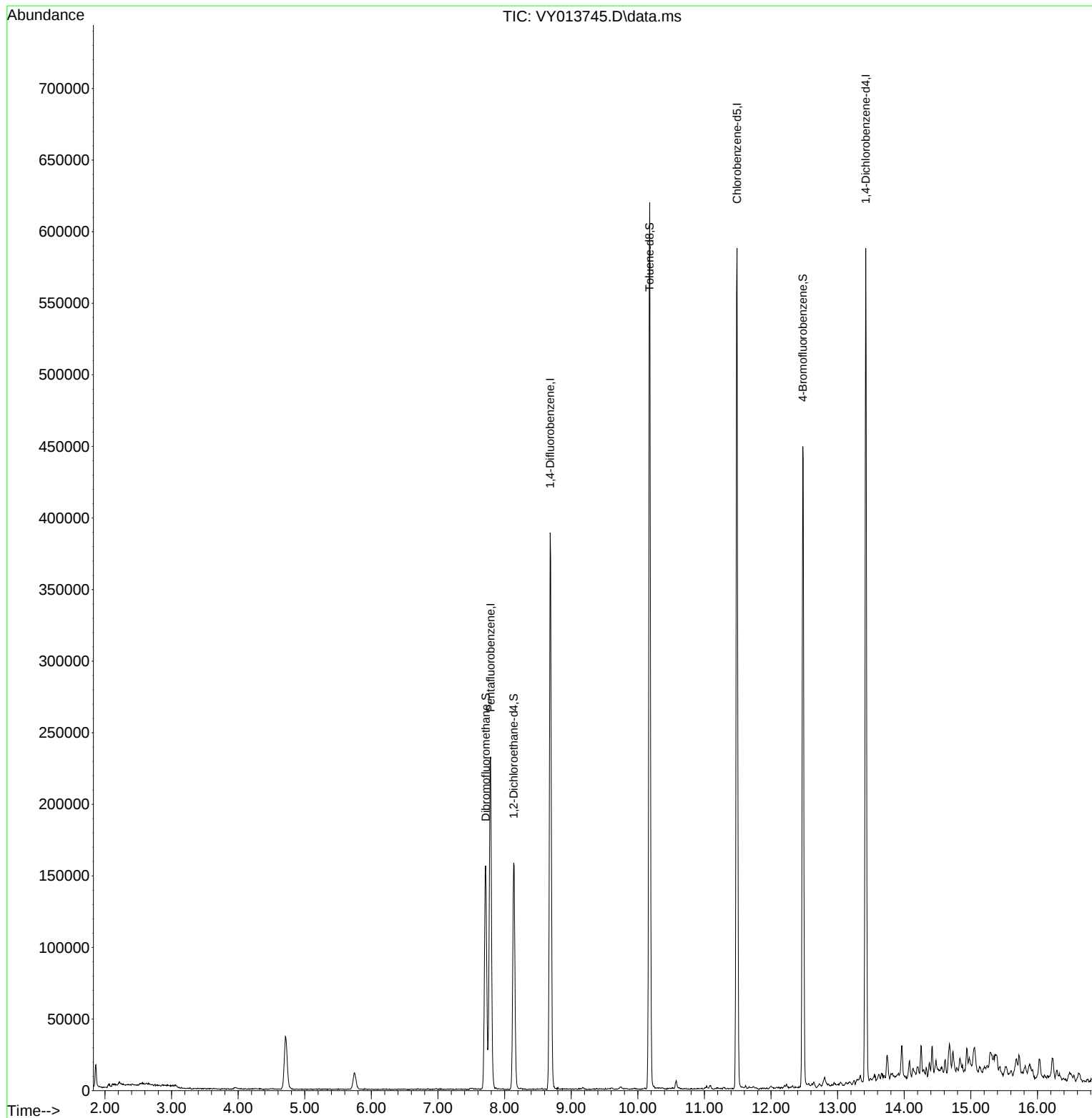
Target Compounds	Qvalue

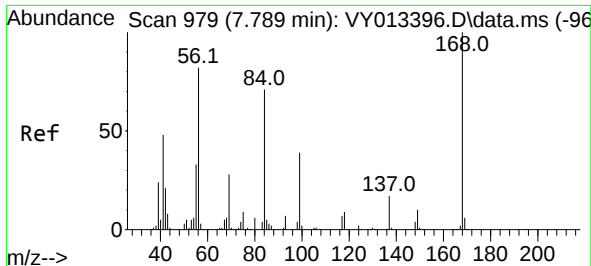
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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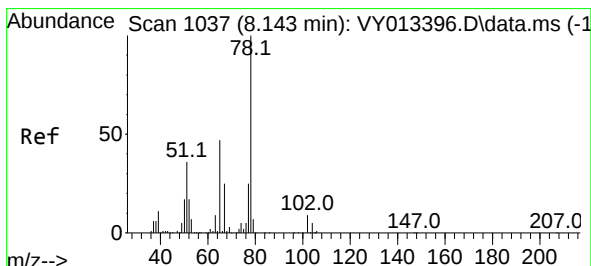
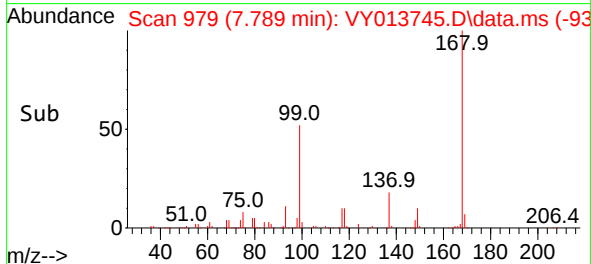
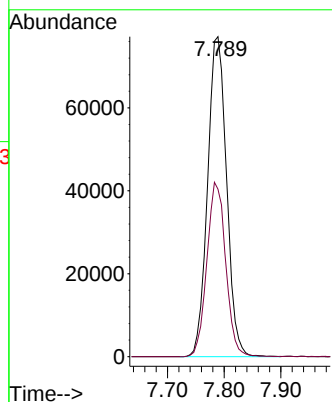
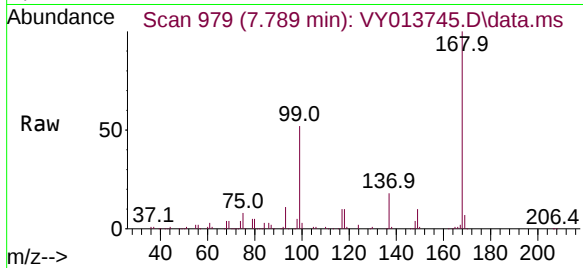




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013745.D
Acq: 15 May 2023 18:47

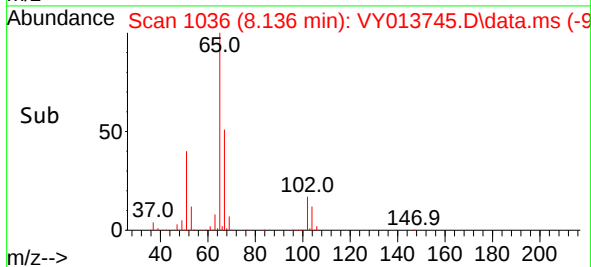
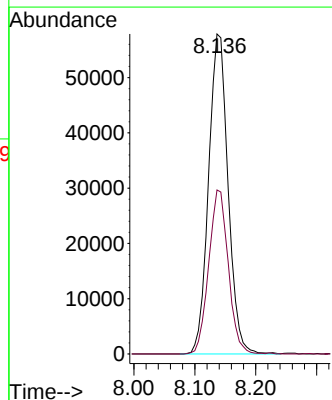
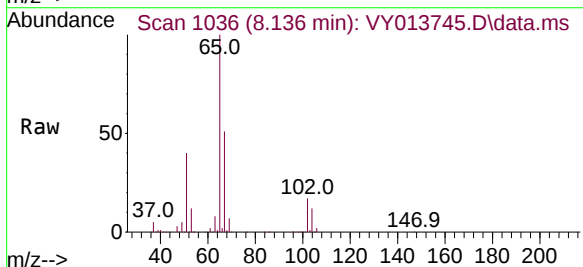
Instrument :
MSVOA_Y
ClientSampleId :
OE-3-051123

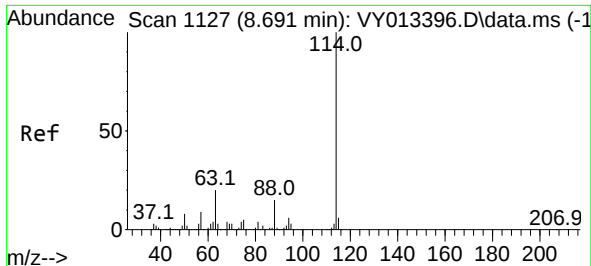
Tgt Ion:168 Resp: 179539
Ion Ratio Lower Upper
168 100
99 52.4 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 65.243 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013745.D
Acq: 15 May 2023 18:47

Tgt Ion: 65 Resp: 128407
Ion Ratio Lower Upper
65 100
67 51.5 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: VY013745.D

Acq: 15 May 2023 18:47

Instrument :

MSVOA_Y

ClientSampleId :

OE-3-051123

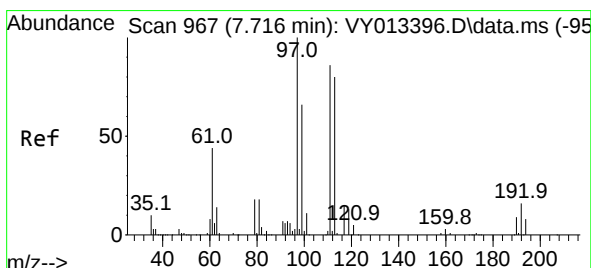
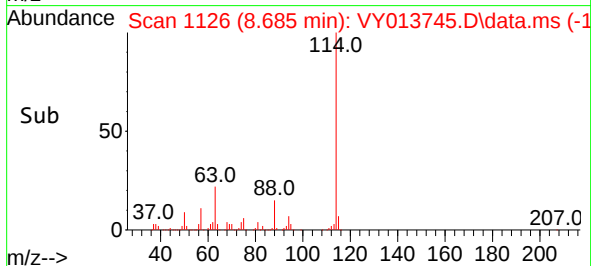
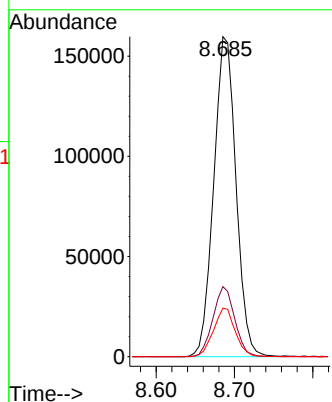
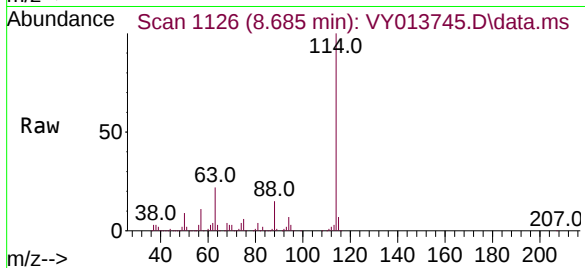
Tgt Ion:114 Resp: 315639

Ion Ratio Lower Upper

114 100

63 21.9 0.0 36.6

88 15.2 0.0 28.8



#35

Dibromofluoromethane

Concen: 55.164 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013745.D

Acq: 15 May 2023 18:47

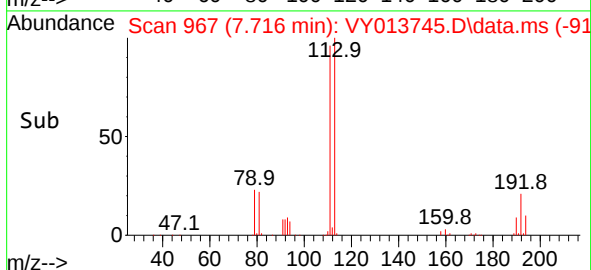
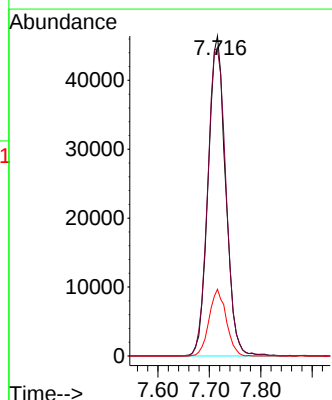
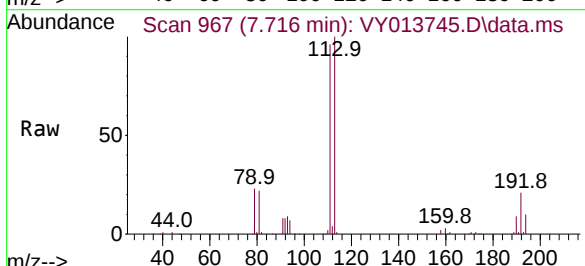
Tgt Ion:113 Resp: 109513

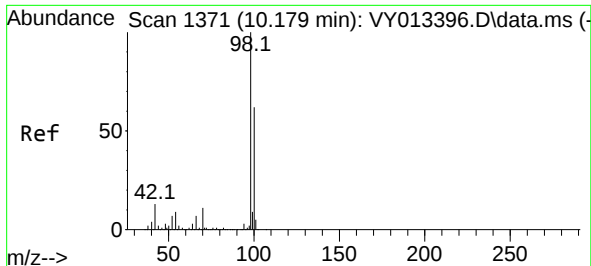
Ion Ratio Lower Upper

113 100

111 101.4 82.2 123.2

192 20.4 16.7 25.1

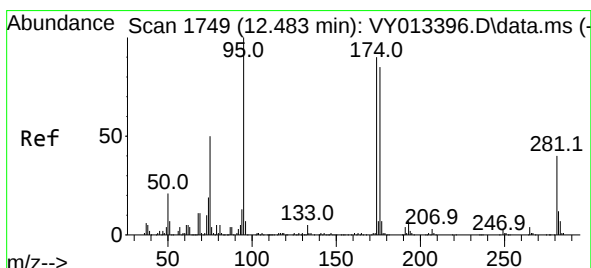
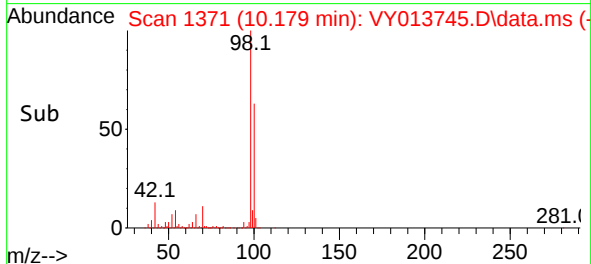
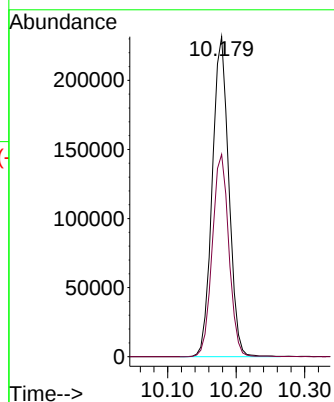
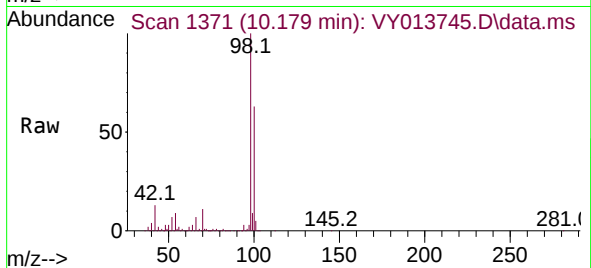




#50
Toluene-d8
Concen: 54.950 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013745.D
Acq: 15 May 2023 18:47

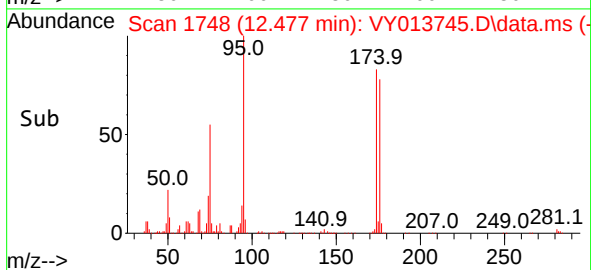
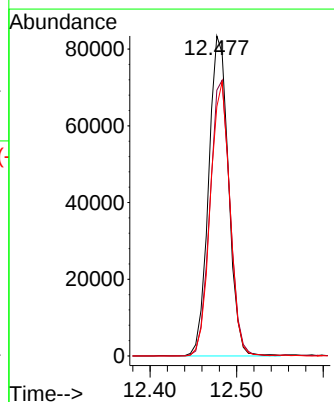
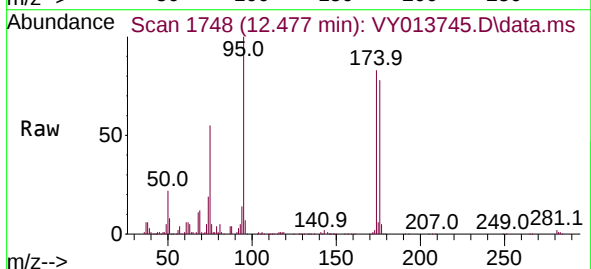
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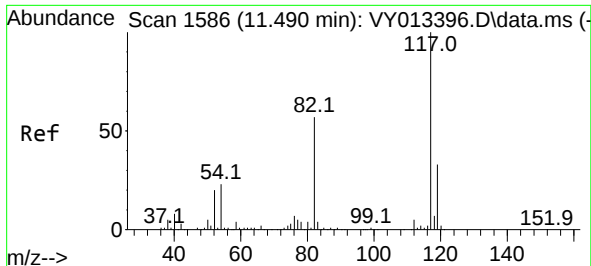
Tgt Ion: 98 Resp: 388073
Ion Ratio Lower Upper
98 100
100 63.4 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 55.939 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013745.D
Acq: 15 May 2023 18:47

Tgt Ion: 95 Resp: 133182
Ion Ratio Lower Upper
95 100
174 86.3 0.0 182.0
176 84.2 0.0 175.4

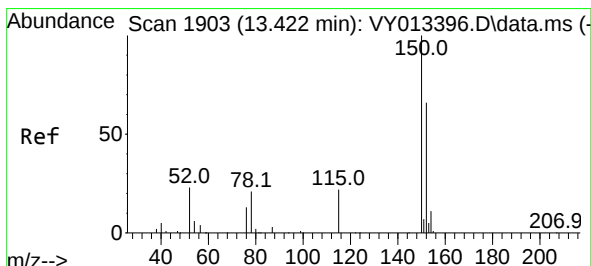
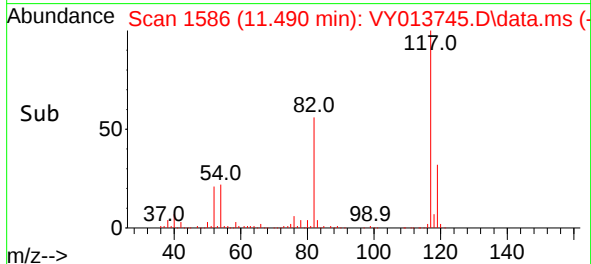
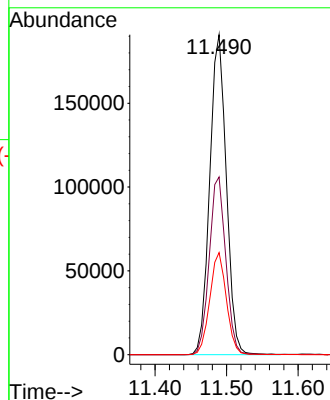
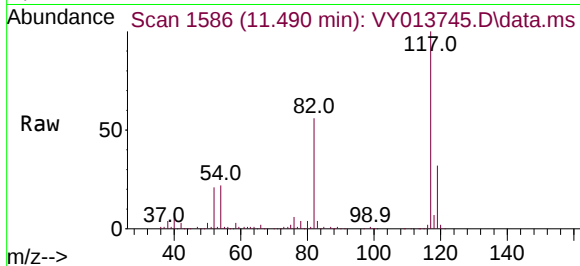




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY013745.D
Acq: 15 May 2023 18:47

Instrument :
MSVOA_Y
ClientSampleId :
OE-3-051123

Tgt Ion:117 Resp: 307360
Ion Ratio Lower Upper
117 100
82 55.5 43.0 64.6
119 31.9 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: VY013745.D
Acq: 15 May 2023 18:47

Tgt Ion:152 Resp: 142884
Ion Ratio Lower Upper
152 100
115 57.9 28.1 84.2
150 156.2 0.0 352.0

