

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092922\
 Data File : VY010732.D
 Acq On : 29 Sep 2022 15:37
 Operator : KP/MD
 Sample : N4855-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OE-02-092822

Quant Time: Sep 30 08:21:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

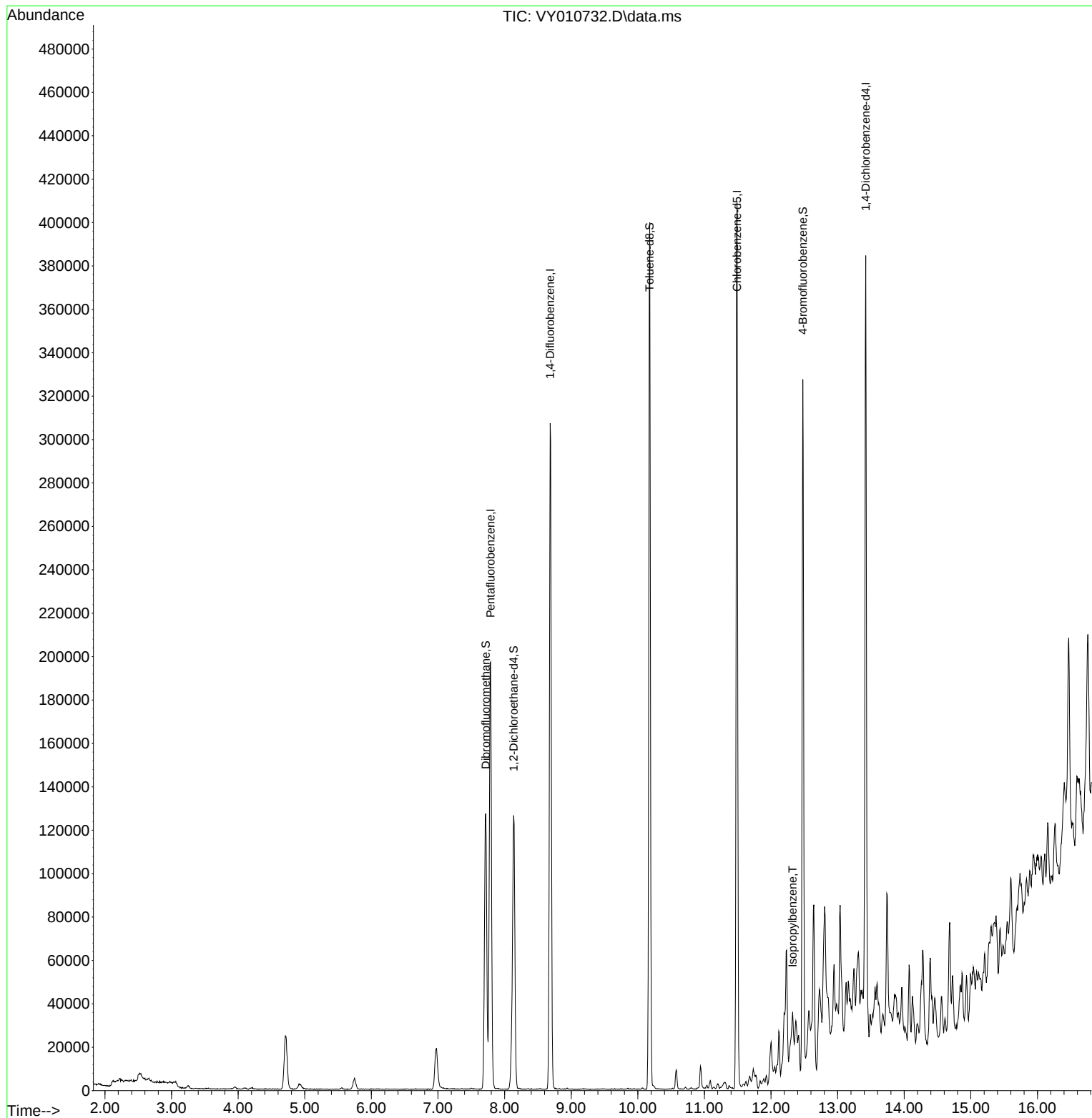
Internal Standards						
1) Pentafluorobenzene	7.789	168	155090	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	265242	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	222431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	91690	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	92973	62.676	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.360%
35) Dibromofluoromethane	7.716	113	93062	54.976	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.960%
50) Toluene-d8	10.179	98	259908	42.073	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	84.140%
62) 4-Bromofluorobenzene	12.477	95	93693	39.802	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.600%
Target Compounds						Qvalue
73) Isopropylbenzene	12.325	105	9681	1.708	ug/l	96

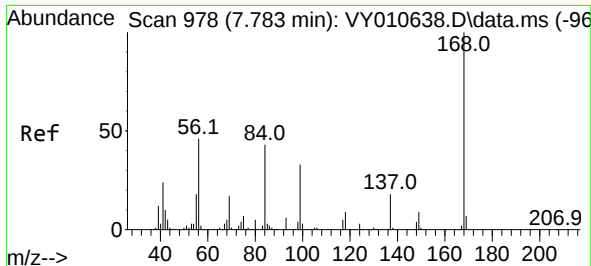
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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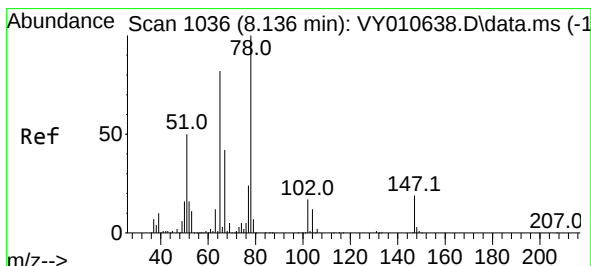
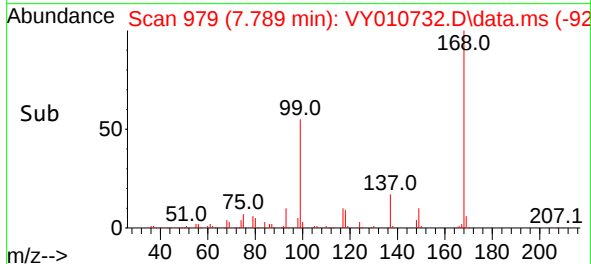
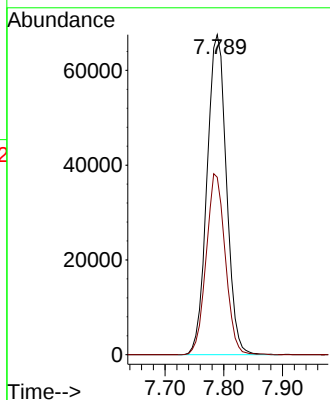
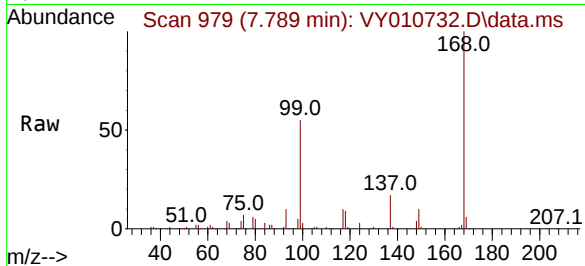




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010732.D
Acq: 29 Sep 2022 15:37

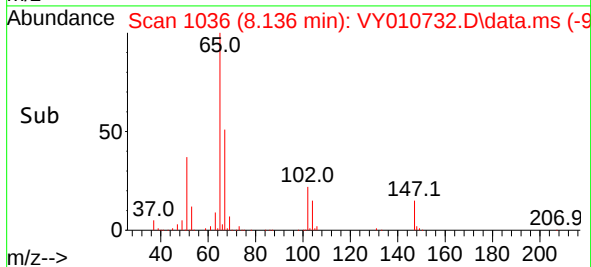
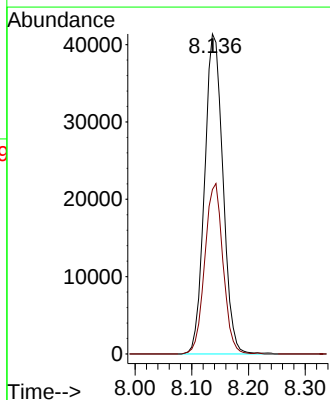
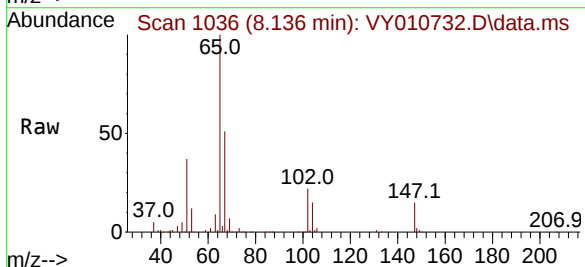
Instrument :
MSVOA_Y
ClientSampleId :
OE-02-092822

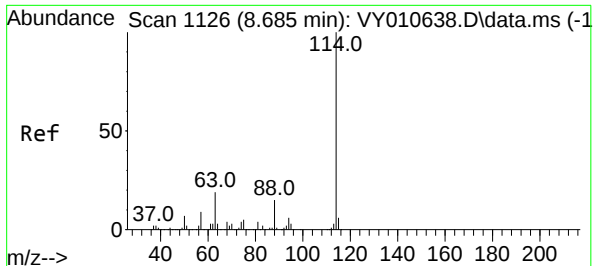
Tgt Ion:168 Resp: 155090
Ion Ratio Lower Upper
168 100
99 55.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 62.676 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010732.D
Acq: 29 Sep 2022 15:37

Tgt Ion: 65 Resp: 92973
Ion Ratio Lower Upper
65 100
67 52.9 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: VY010732.D

Acq: 29 Sep 2022 15:37

Instrument :

MSVOA_Y

ClientSampleId :

OE-02-092822

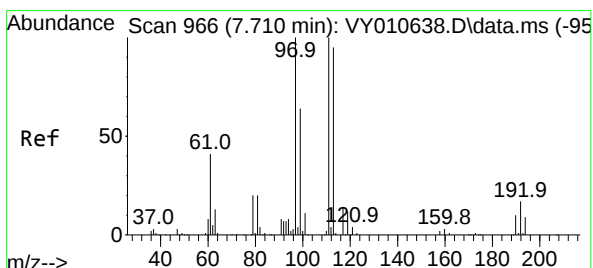
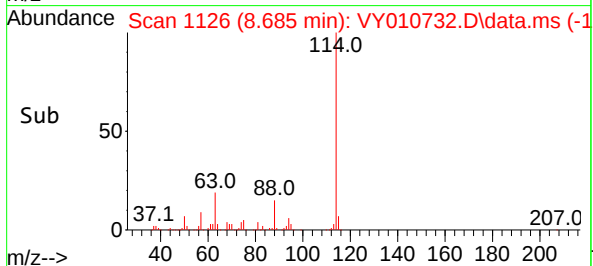
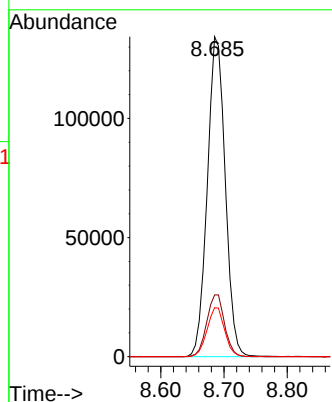
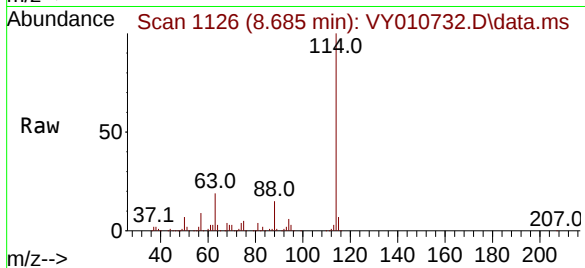
Tgt Ion:114 Resp: 265242

Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 54.976 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010732.D

Acq: 29 Sep 2022 15:37

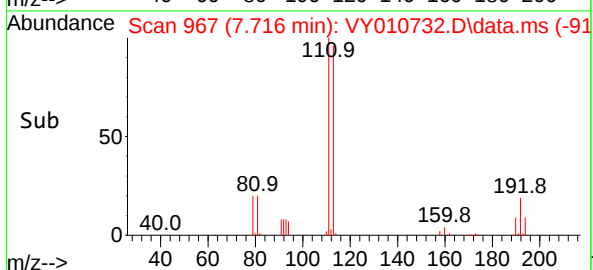
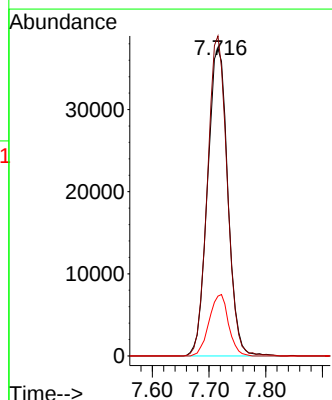
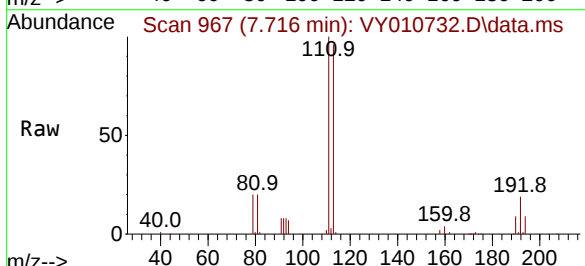
Tgt Ion:113 Resp: 93062

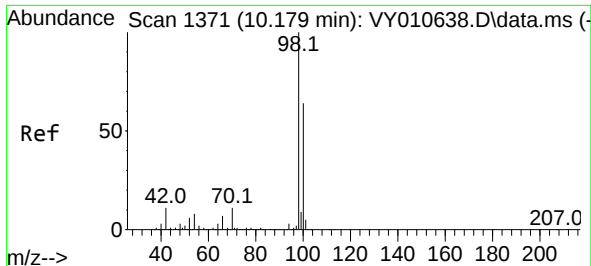
Ion Ratio Lower Upper

113 100

111 101.2 82.6 124.0

192 19.1 17.6 26.4

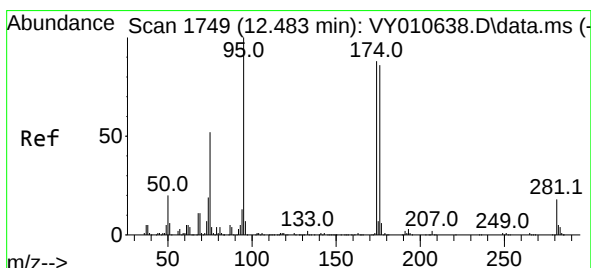
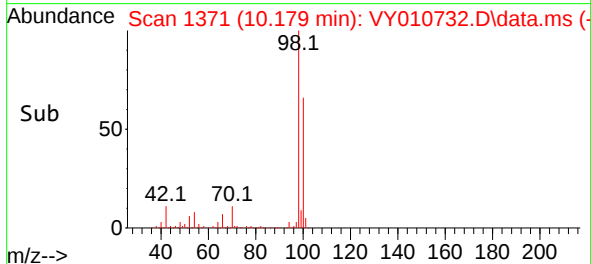
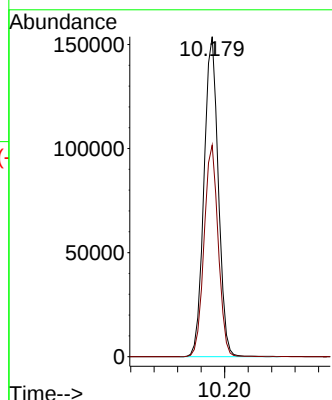
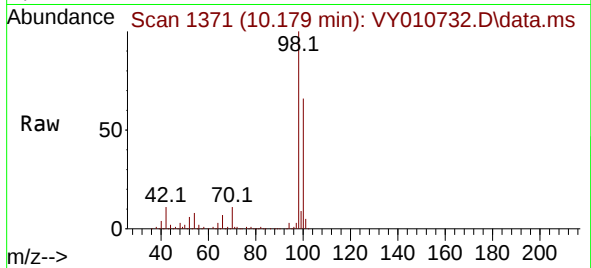




#50
Toluene-d8
Concen: 42.073 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010732.D
Acq: 29 Sep 2022 15:37

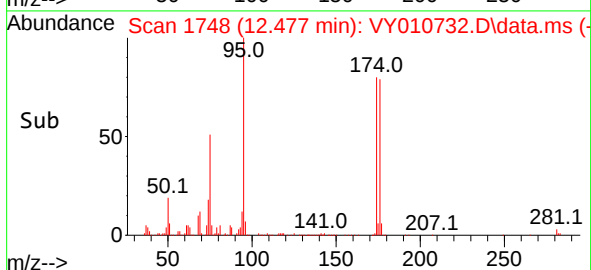
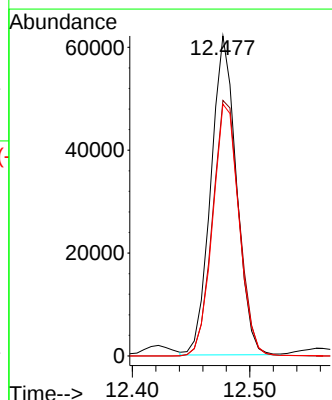
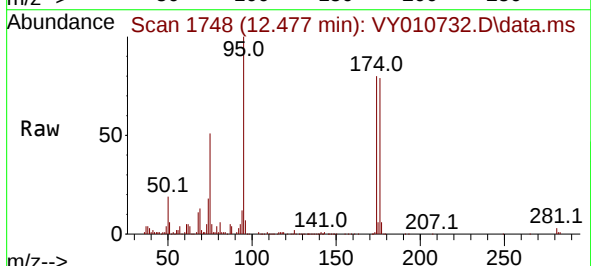
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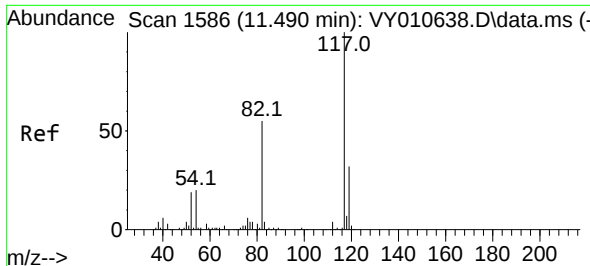
Tgt Ion: 98 Resp: 259908
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.802 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010732.D
Acq: 29 Sep 2022 15:37

Tgt Ion: 95 Resp: 93693
Ion Ratio Lower Upper
95 100
174 83.9 0.0 177.0
176 81.7 0.0 175.8

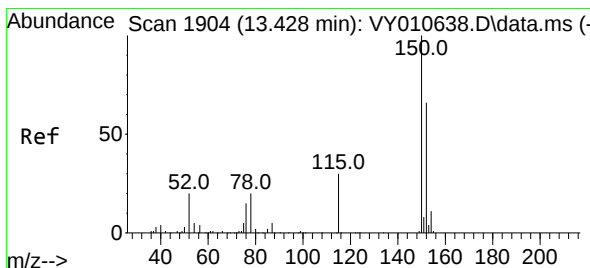
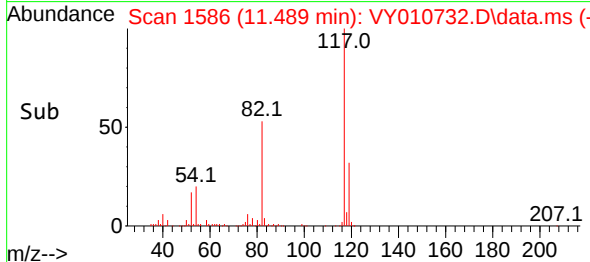
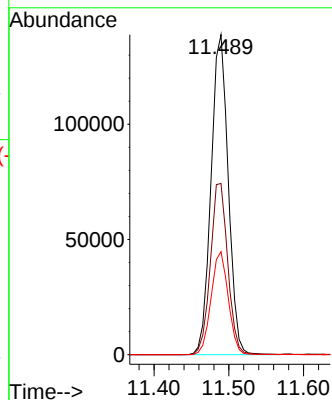
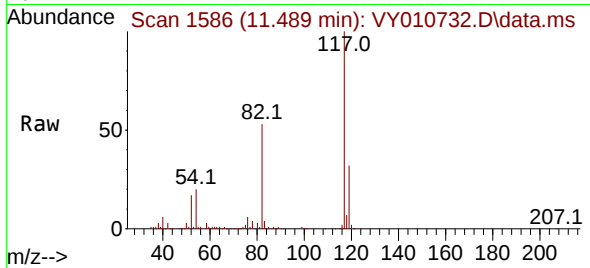




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010732.D
Acq: 29 Sep 2022 15:37

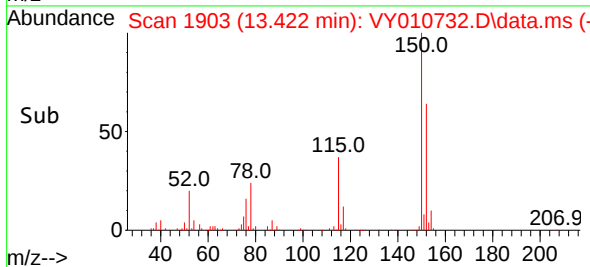
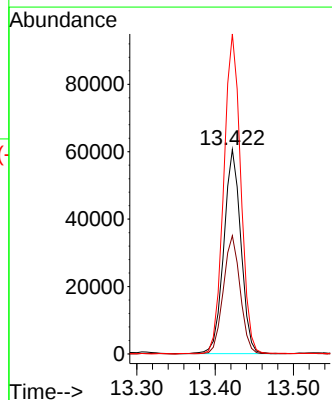
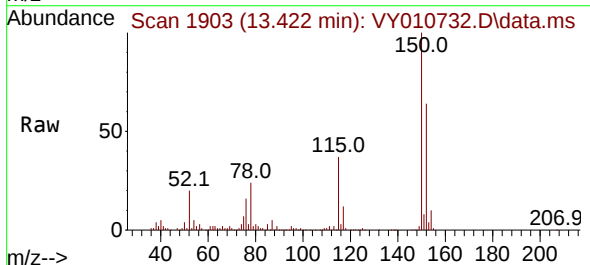
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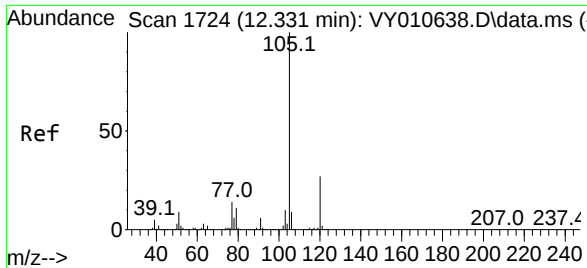
Tgt Ion:117 Resp: 222431
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010732.D
Acq: 29 Sep 2022 15:37

Tgt Ion:152 Resp: 91690
Ion Ratio Lower Upper
152 100
115 57.7 28.2 84.7
150 156.1 0.0 347.6





#73
Isopropylbenzene
Concen: 1.708 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010732.D
Acq: 29 Sep 2022 15:37

Instrument :
MSVOA_Y
ClientSampleId :
OE-02-092822

Tgt Ion:105 Resp: 9681
Ion Ratio Lower Upper
105 100
120 24.7 13.4 40.2

