

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062922\
 Data File : VY009380.D
 Acq On : 29 Jun 2022 18:05
 Operator : KP/MD
 Sample : N3512-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-3-062722

Quant Time: Jun 30 05:13:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

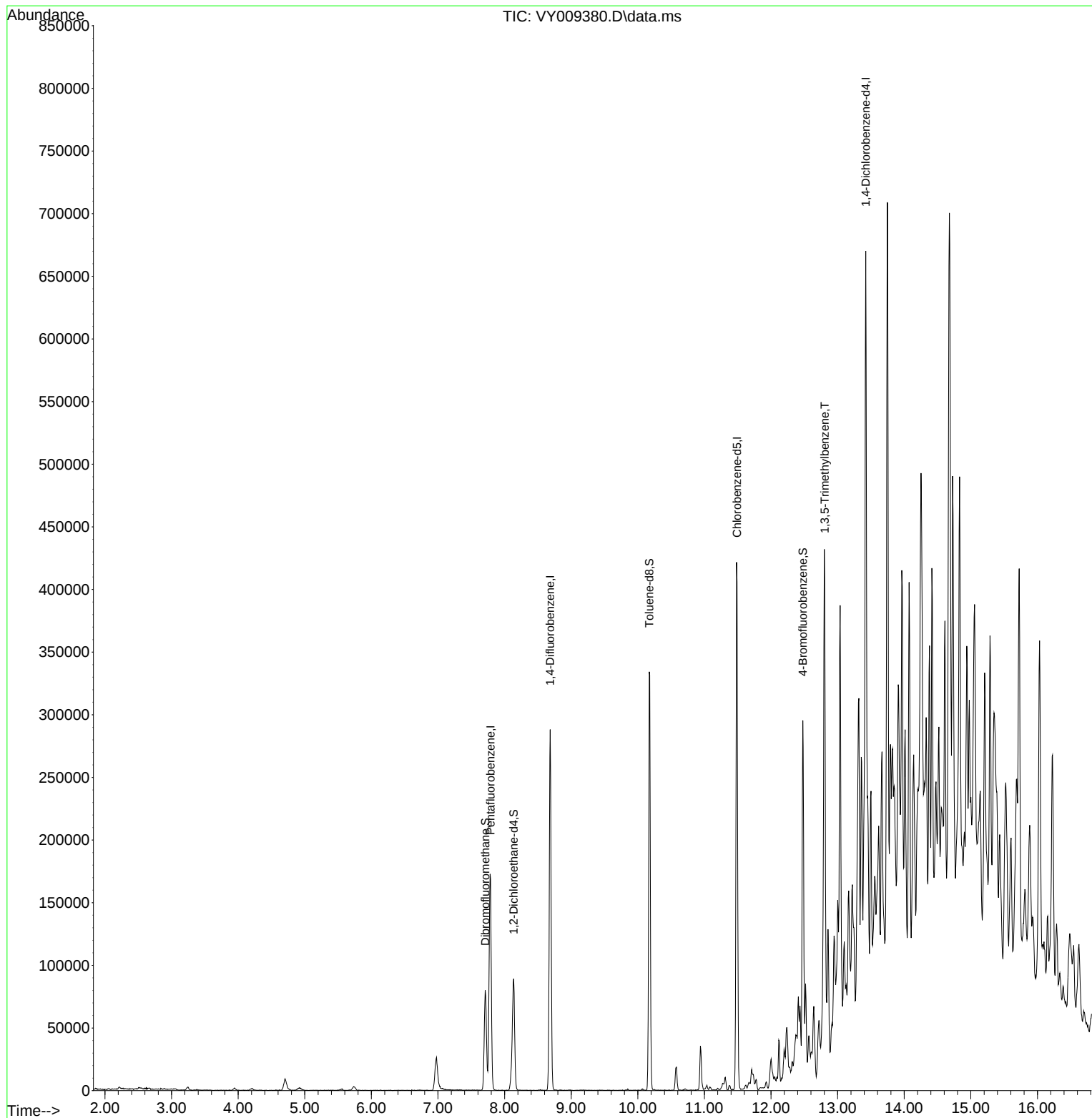
Internal Standards						
1) Pentafluorobenzene	7.789	168	137605	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	238129	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	224150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	118747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	61309	55.626	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.260%
35) Dibromofluoromethane	7.710	113	54915	41.901	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.800%
50) Toluene-d8	10.173	98	213801	53.207	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.420%
62) 4-Bromofluorobenzene	12.477	95	74871	39.287	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.580%
Target Compounds						
80) 1,3,5-Trimethylbenzene	12.806	105	20911	2.851	ug/l	98

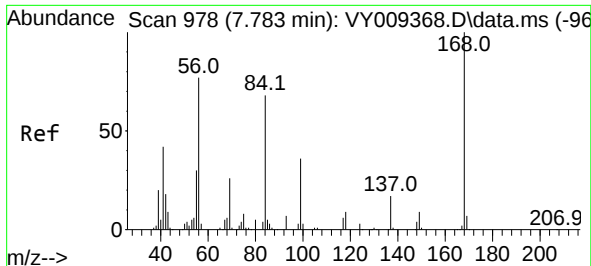
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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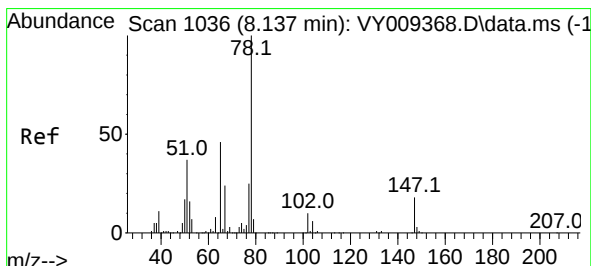
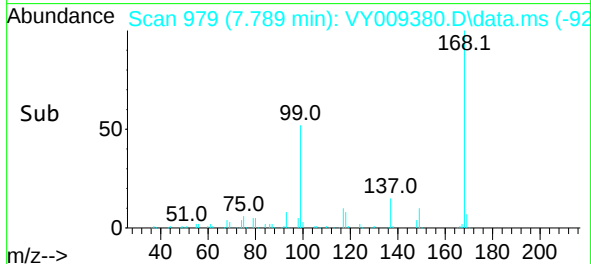
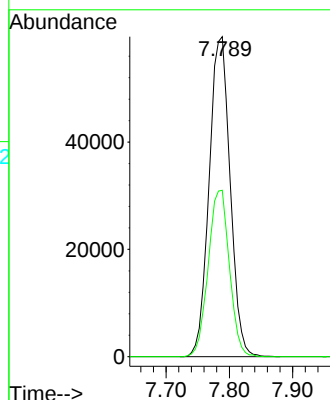
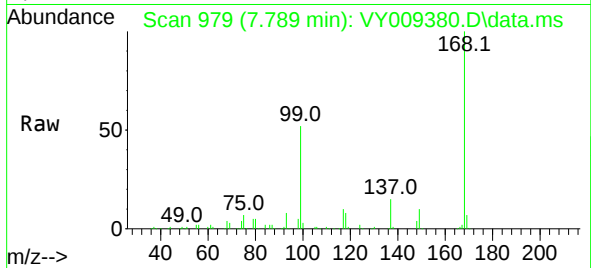




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009380.D
Acq: 29 Jun 2022 18:05

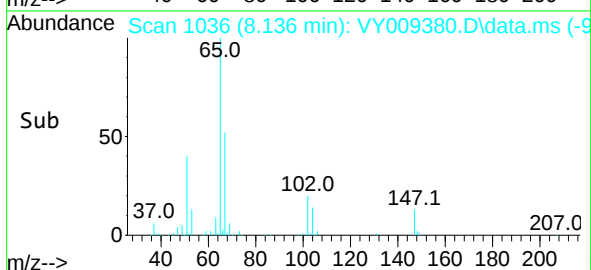
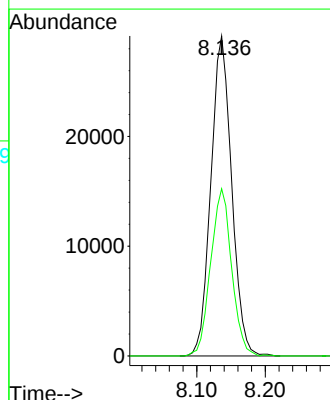
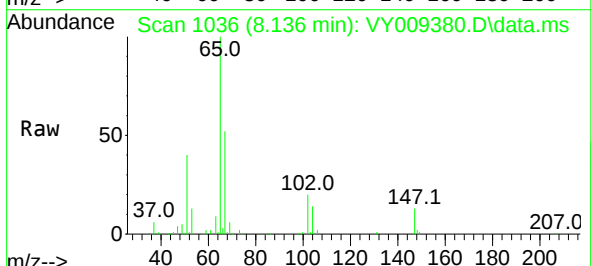
Instrument :
MSVOA_Y
ClientSampleId :
OR-3-062722

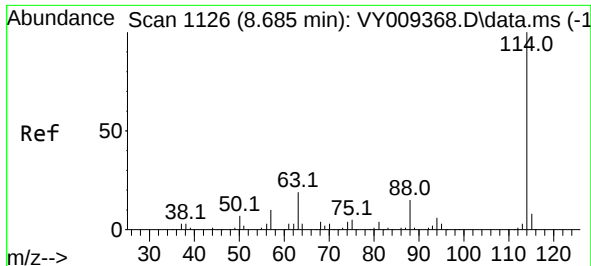
Tgt Ion:168 Resp: 137605
Ion Ratio Lower Upper
168 100
99 52.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 55.626 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009380.D
Acq: 29 Jun 2022 18:05

Tgt Ion: 65 Resp: 61309
Ion Ratio Lower Upper
65 100
67 52.8 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: VY009380.D

Acq: 29 Jun 2022 18:05

Instrument :

MSVOA_Y

ClientSampleId :

OR-3-062722

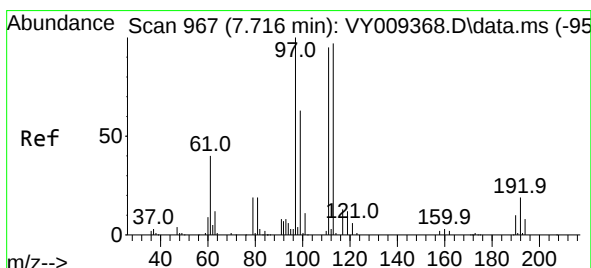
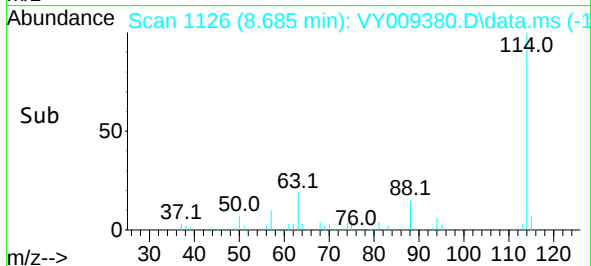
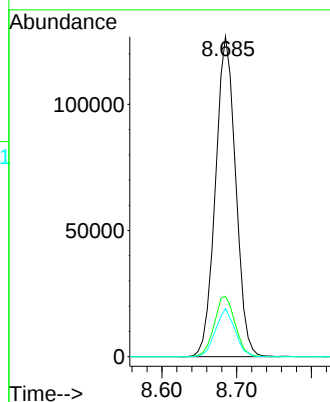
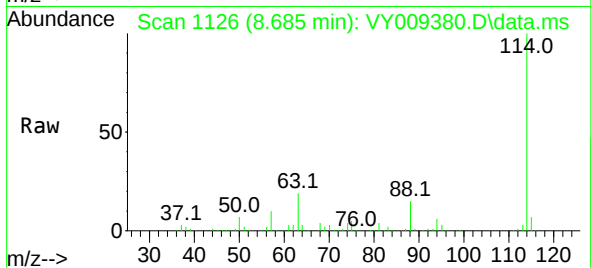
Tgt Ion:114 Resp: 238129

Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 15.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 41.901 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009380.D

Acq: 29 Jun 2022 18:05

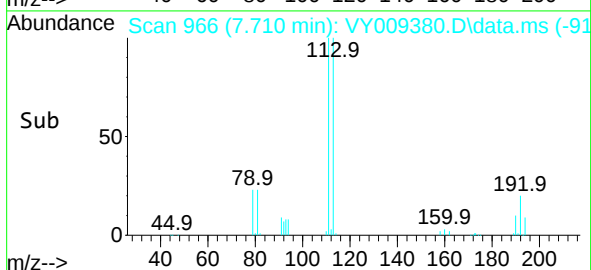
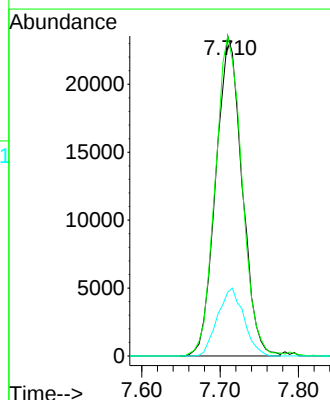
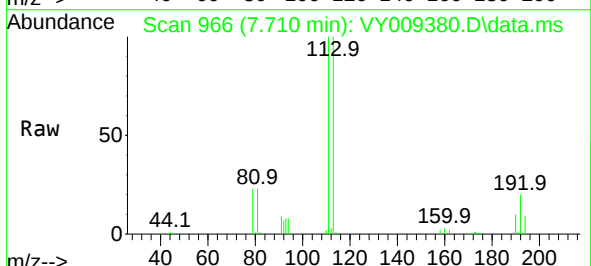
Tgt Ion:113 Resp: 54915

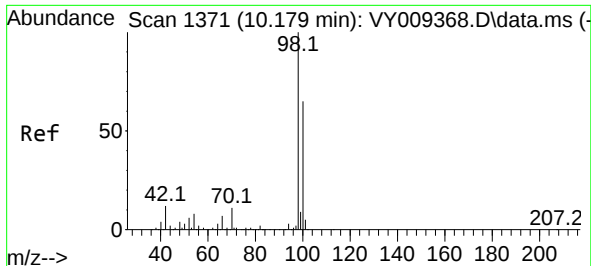
Ion Ratio Lower Upper

113 100

111 101.8 82.6 124.0

192 21.1 17.6 26.4

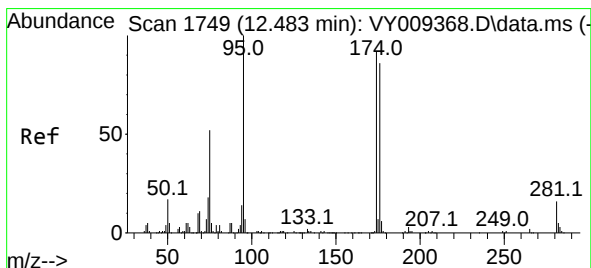
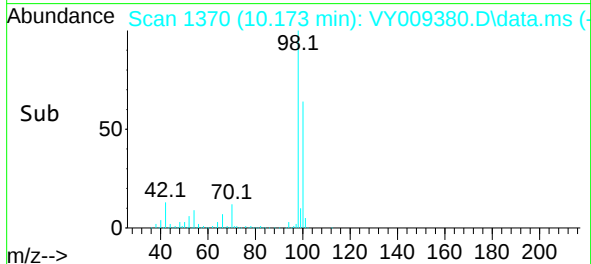
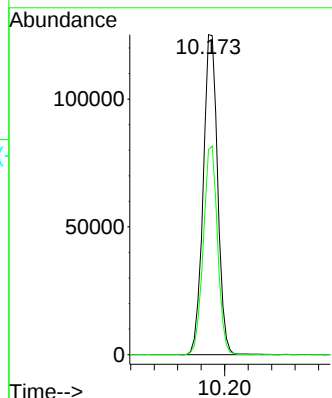
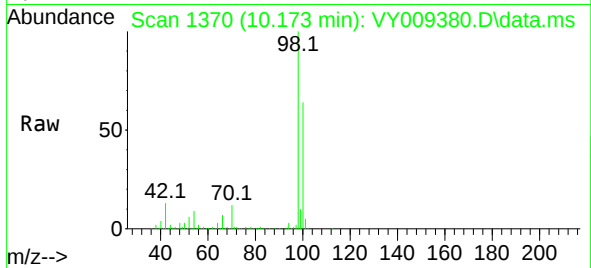




#50
Toluene-d8
Concen: 53.207 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009380.D
Acq: 29 Jun 2022 18:05

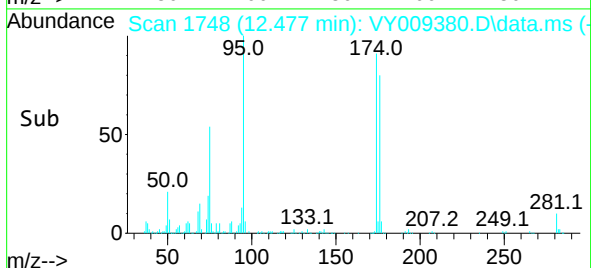
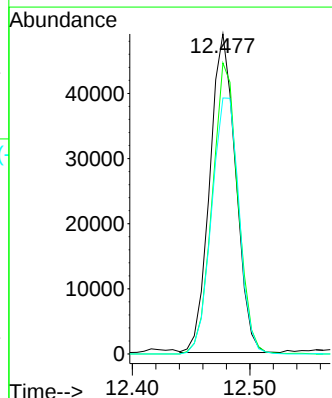
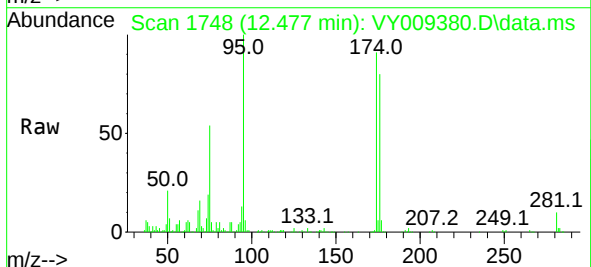
Instrument :
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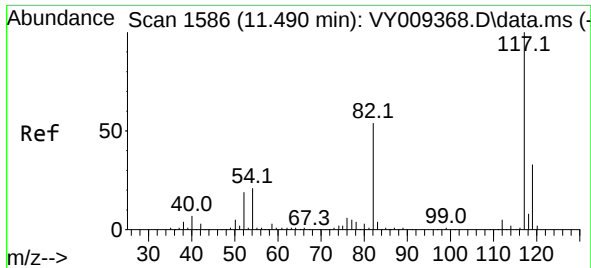
Tgt Ion: 98 Resp: 213801
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.287 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009380.D
Acq: 29 Jun 2022 18:05

Tgt Ion: 95 Resp: 74871
Ion Ratio Lower Upper
95 100
174 90.3 0.0 177.0
176 85.2 0.0 175.8

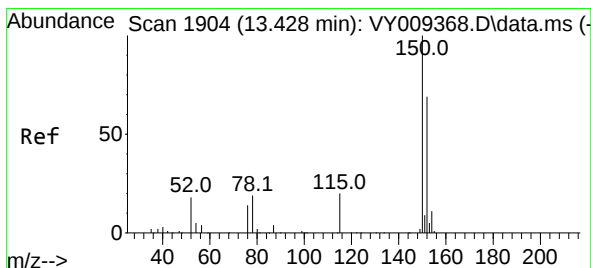
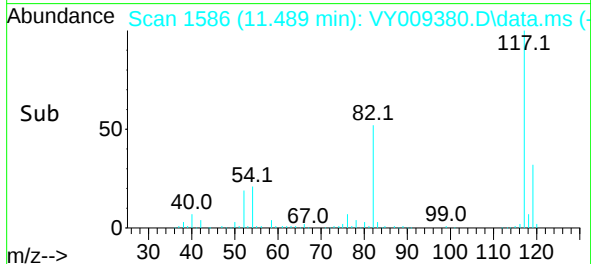
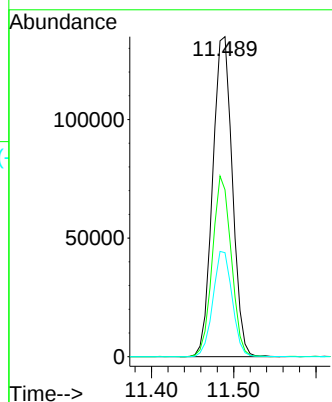
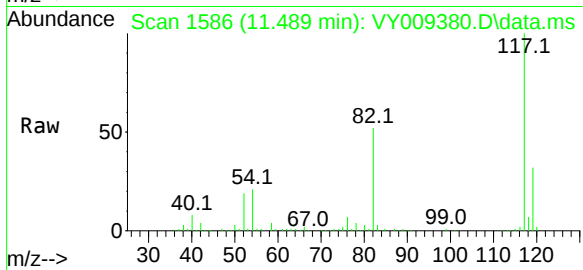




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009380.D
Acq: 29 Jun 2022 18:05

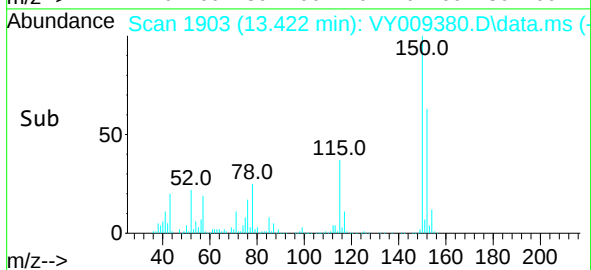
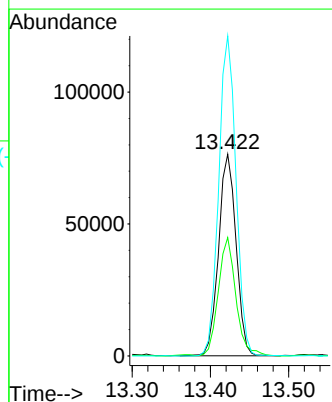
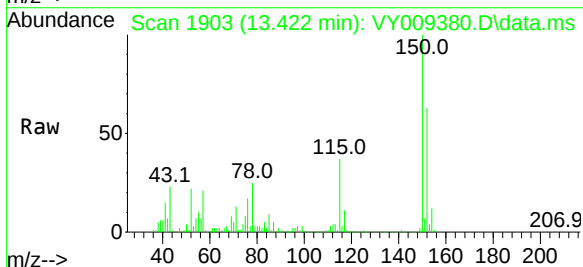
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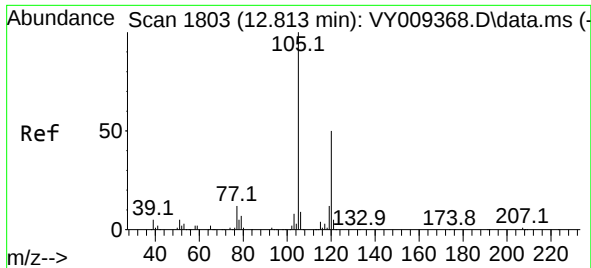
Tgt Ion:117 Resp: 224150
Ion Ratio Lower Upper
117 100
82 52.2 43.0 64.4
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009380.D
Acq: 29 Jun 2022 18:05

Tgt Ion:152 Resp: 118747
Ion Ratio Lower Upper
152 100
115 59.1 28.2 84.7
150 156.9 0.0 347.6





#80
1,3,5-Trimethylbenzene
Concen: 2.851 ug/l
RT: 12.806 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009380.D
Acq: 29 Jun 2022 18:05

Instrument :
MSVOA_Y
ClientSampleId :
OR-3-062722

Tgt Ion:105 Resp: 20911
Ion Ratio Lower Upper
105 100
120 47.2 24.4 73.4

