

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091322\
 Data File : VY010469.D
 Acq On : 13 Sep 2022 19:16
 Operator : KP/MD
 Sample : N4466-02
 Misc : 5.56g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SASP2-T-5-(17-23)

Quant Time: Sep 14 05:27:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	187189	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	321024	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	306237	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	146244	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	111483	59.133	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.260%
35) Dibromofluoromethane	7.710	113	101827	44.662	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.320%
50) Toluene-d8	10.173	98	384464	52.031	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.060%
62) 4-Bromofluorobenzene	12.477	95	134398	45.310	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.620%

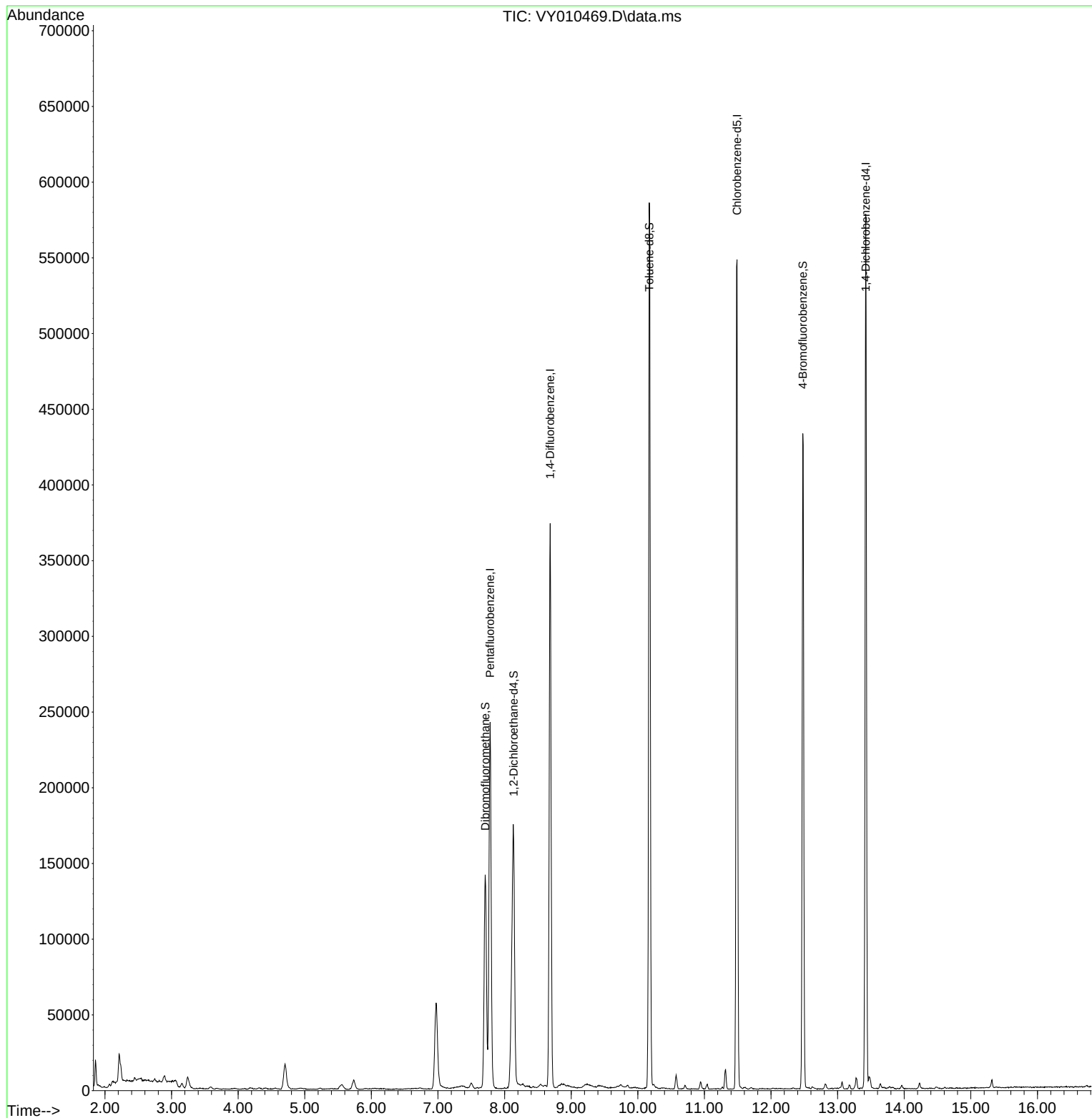
Target Compounds	Qvalue

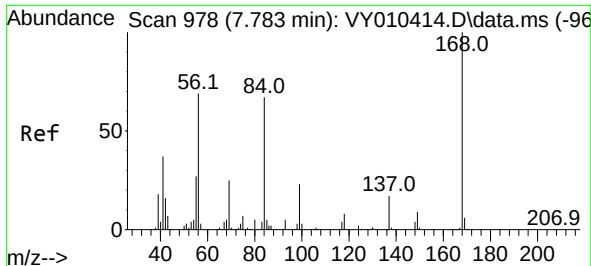
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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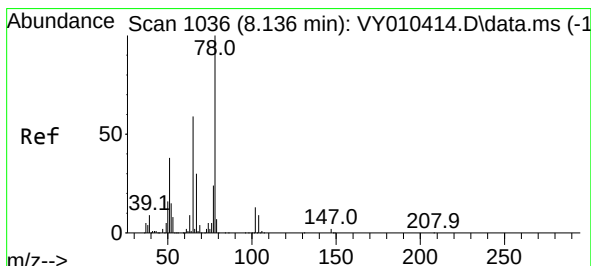
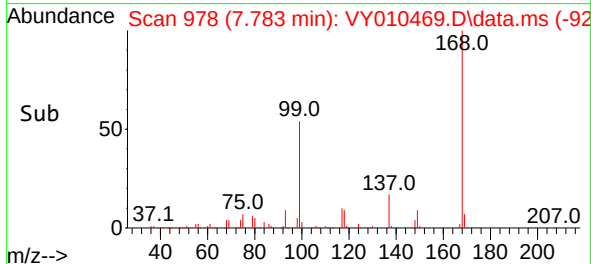
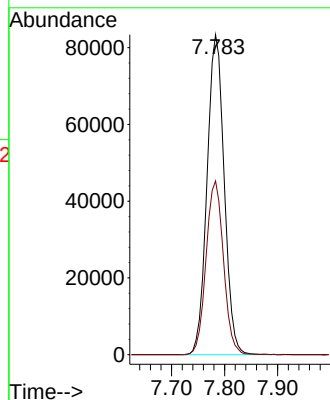
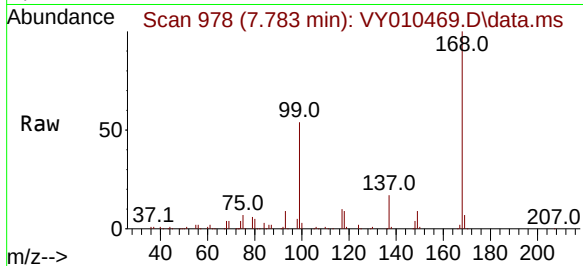




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010469.D
Acq: 13 Sep 2022 19:16

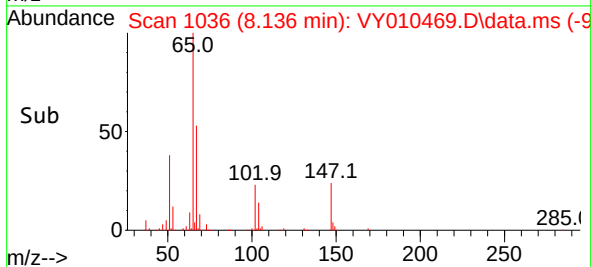
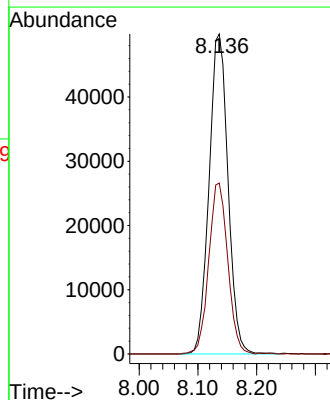
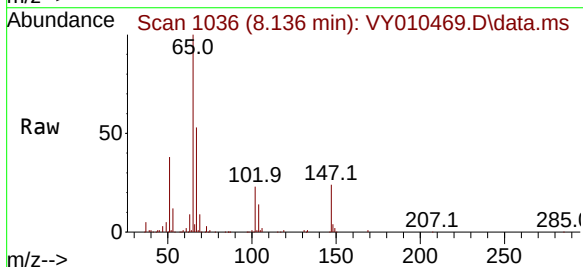
Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-5-(17-23)

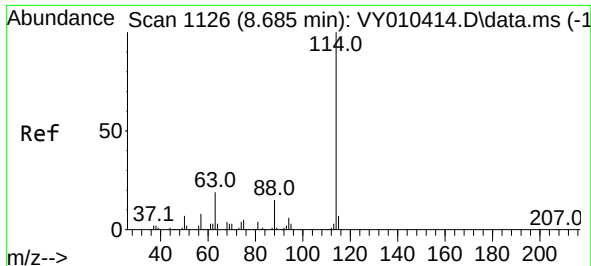
Tgt Ion:168 Resp: 187189
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 59.133 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010469.D
Acq: 13 Sep 2022 19:16

Tgt Ion: 65 Resp: 111483
Ion Ratio Lower Upper
65 100
67 53.6 0.0 99.4

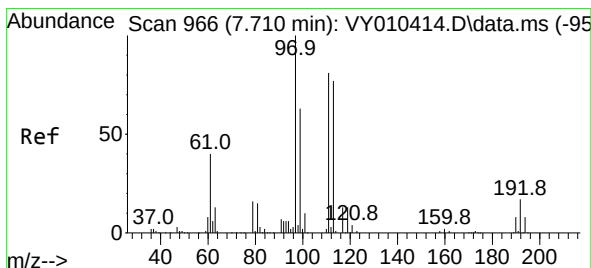
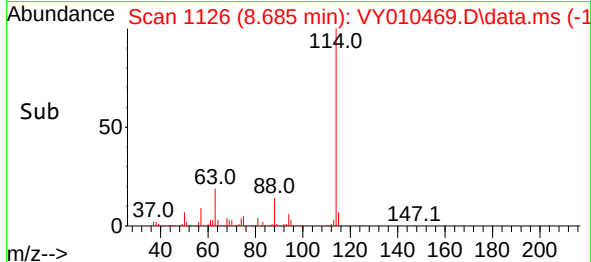
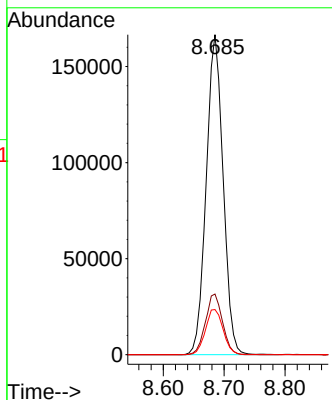
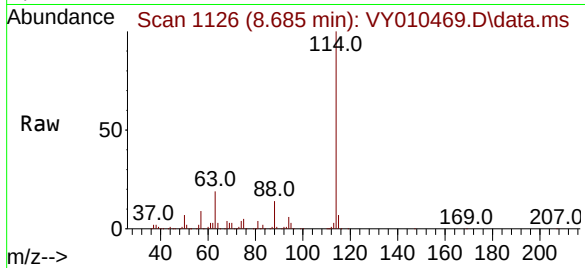




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010469.D
Acq: 13 Sep 2022 19:16

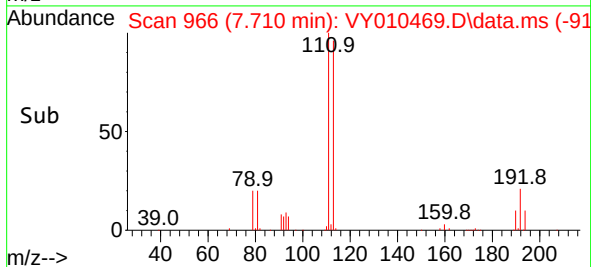
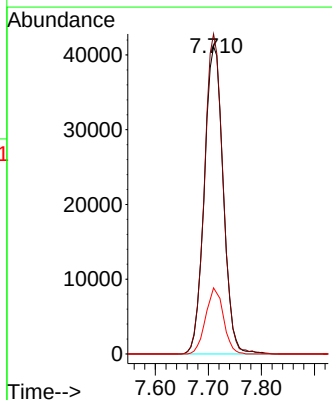
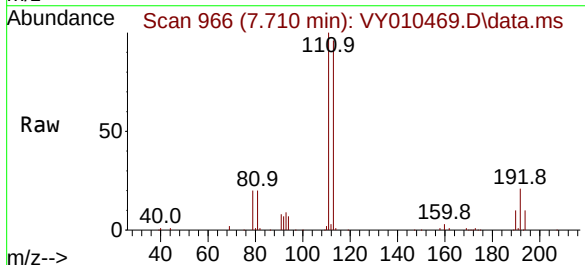
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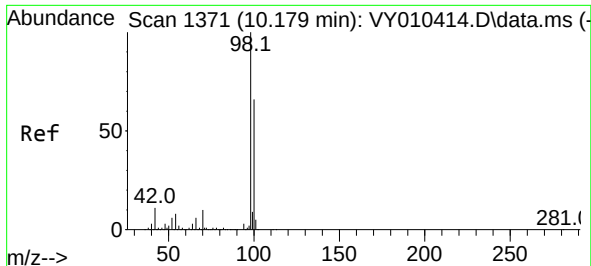
Tgt Ion:114 Resp: 321024
Ion Ratio Lower Upper
114 100
63 19.0 0.0 43.2
88 14.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 44.662 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010469.D
Acq: 13 Sep 2022 19:16

Tgt Ion:113 Resp: 101827
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 20.2 17.6 26.4

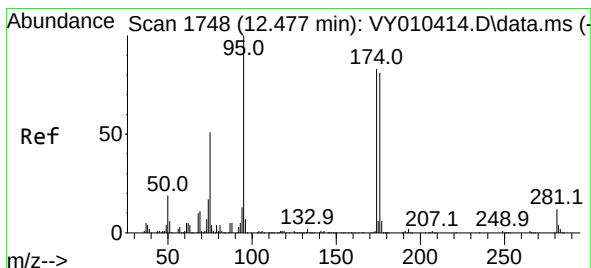
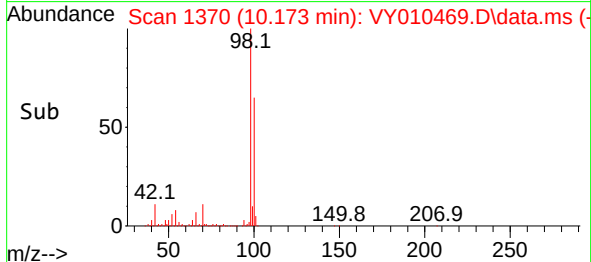
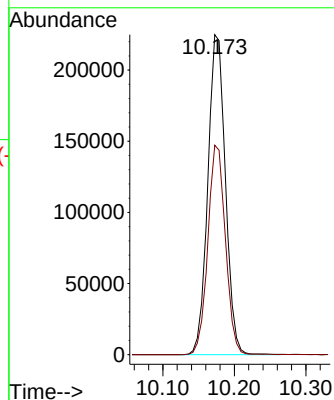
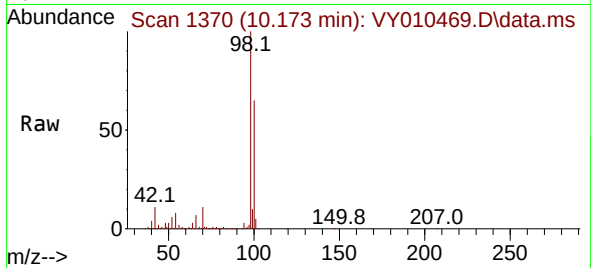




#50
Toluene-d8
Concen: 52.031 ug/l
RT: 10.173 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY010469.D
Acq: 13 Sep 2022 19:16

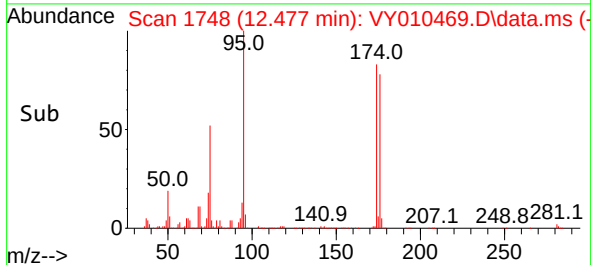
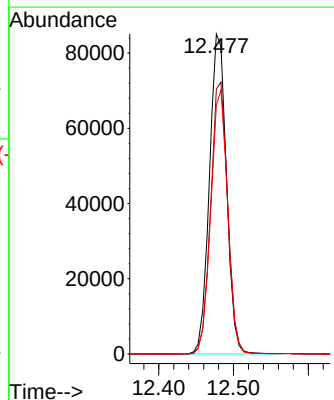
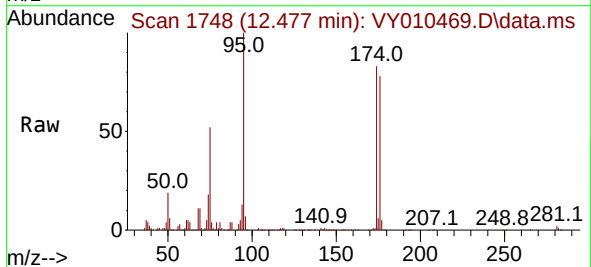
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ClientSampleId :
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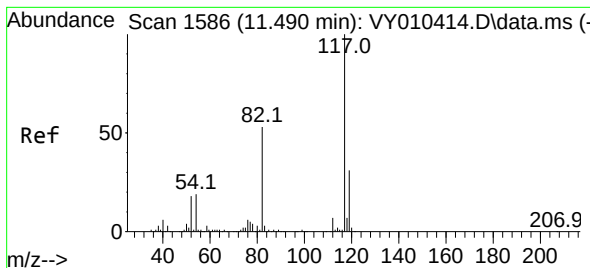
Tgt Ion: 98 Resp: 384464
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.310 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010469.D
Acq: 13 Sep 2022 19:16

Tgt Ion: 95 Resp: 134398
Ion Ratio Lower Upper
95 100
174 85.1 0.0 177.0
176 81.6 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: VY010469.D

Acq: 13 Sep 2022 19:16

Instrument :

MSVOA_Y

ClientSampleId :

SASP2-T-5-(17-23)

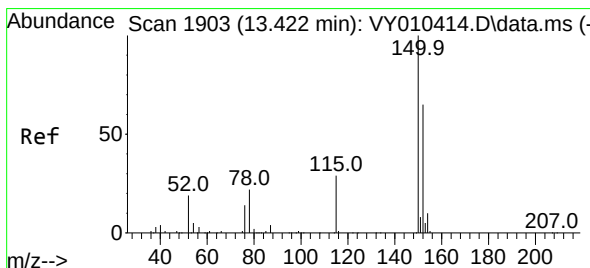
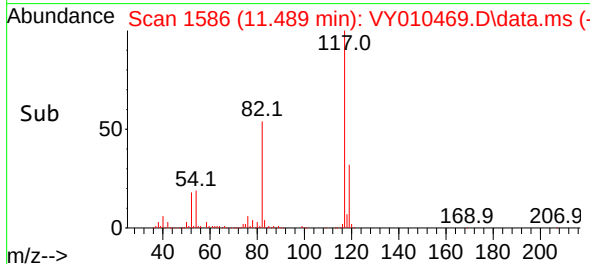
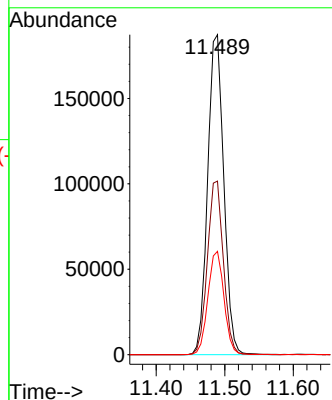
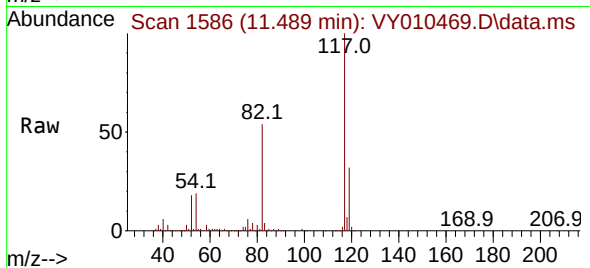
Tgt Ion:117 Resp: 306237

Ion Ratio Lower Upper

117 100

82 54.3 43.0 64.4

119 32.3 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: VY010469.D

Acq: 13 Sep 2022 19:16

Tgt Ion:152 Resp: 146244

Ion Ratio Lower Upper

152 100

115 57.7 28.2 84.7

150 156.8 0.0 347.6

