

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101322\
 Data File : VY010961.D
 Acq On : 13 Oct 2022 16:33
 Operator : KP/MD
 Sample : N5118-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-4-101222

Quant Time: Oct 14 02:12:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

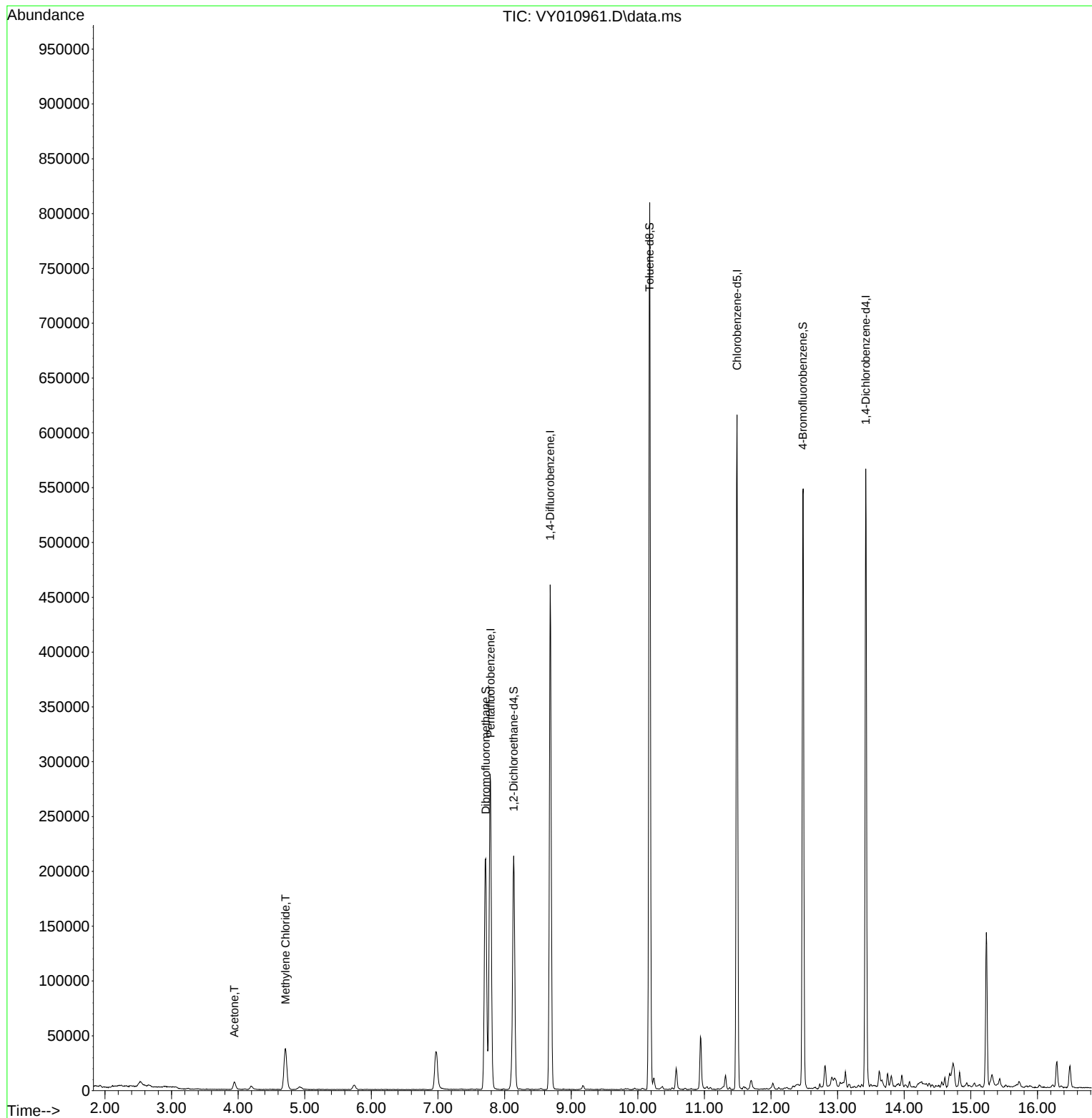
Internal Standards						
1) Pentafluorobenzene	7.789	168	224049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	390452	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	333224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	145098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	158415	69.755	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.520%
35) Dibromofluoromethane	7.716	113	155297	59.918	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.840%
50) Toluene-d8	10.179	98	530581	59.859	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	119.720%
62) 4-Bromofluorobenzene	12.477	95	170874	49.291	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.580%
Target Compounds						
16) Acetone	3.942	43	11882	20.601	ug/l #	87
20) Methylene Chloride	4.710	84	28858	6.920	ug/l #	88

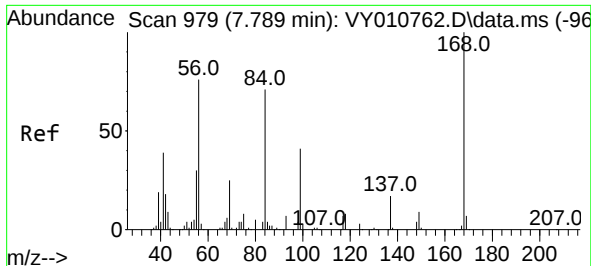
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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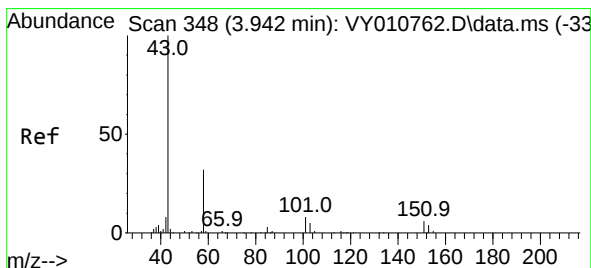
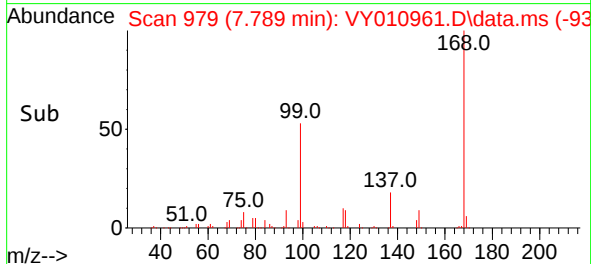
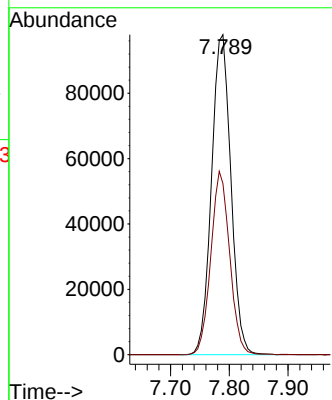
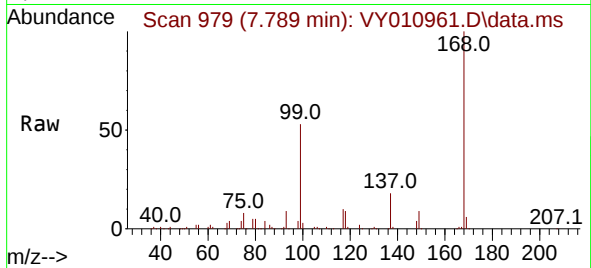




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010961.D
Acq: 13 Oct 2022 16:33

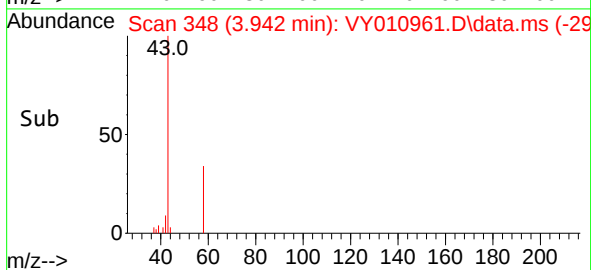
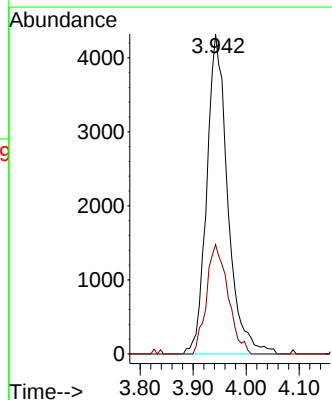
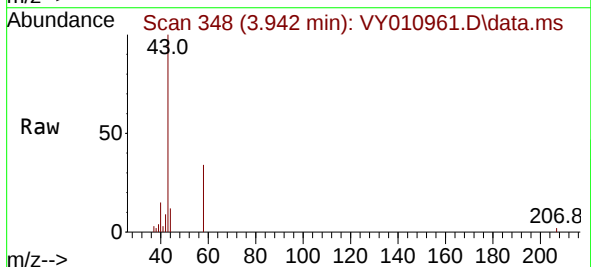
Instrument :
MSVOA_Y
ClientSampleId :
SU-4-101222

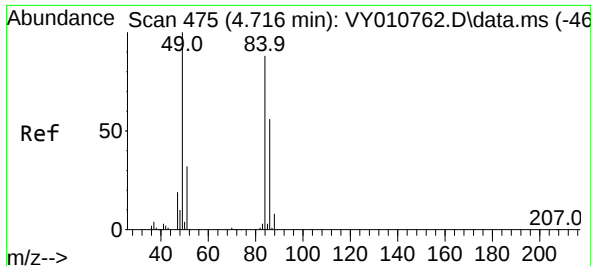
Tgt Ion:168 Resp: 224049
Ion Ratio Lower Upper
168 100
99 53.5 46.9 70.3



#16
Acetone
Concen: 20.601 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010961.D
Acq: 13 Oct 2022 16:33

Tgt Ion: 43 Resp: 11882
Ion Ratio Lower Upper
43 100
58 34.2 22.0 33.0#

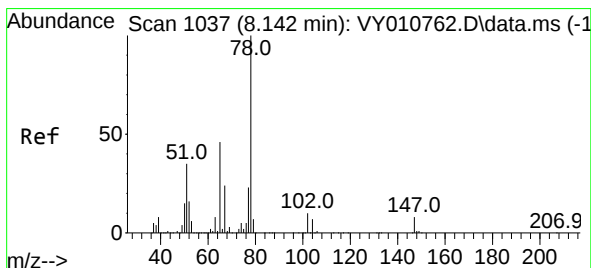
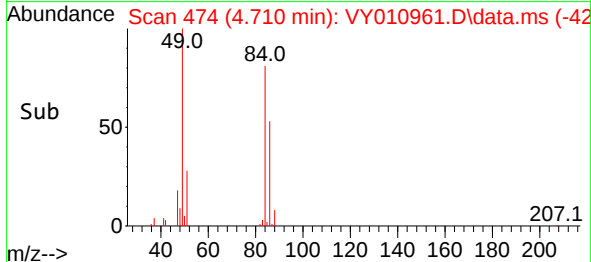
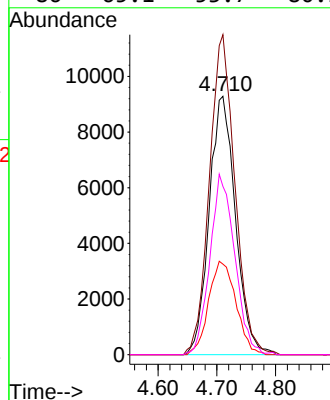
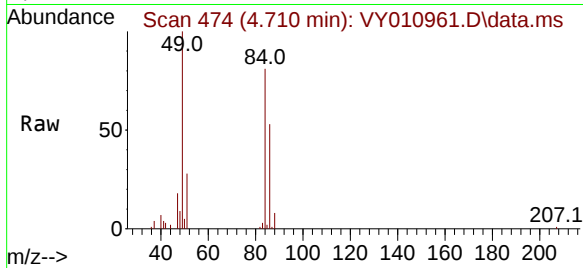




#20
Methylene Chloride
Concen: 6.920 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010961.D
Acq: 13 Oct 2022 16:33

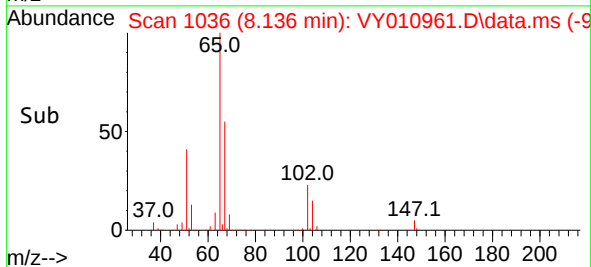
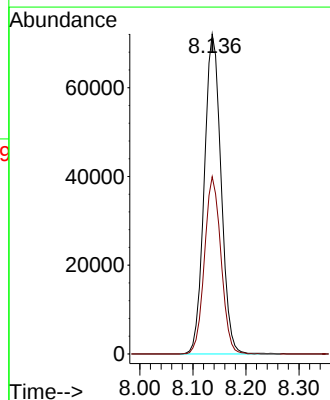
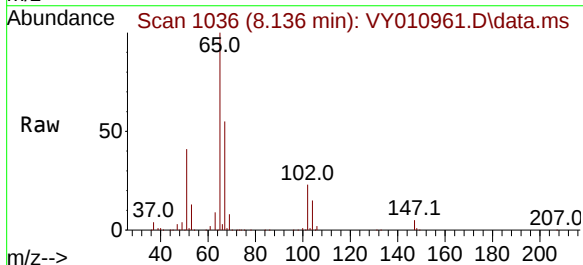
Instrument :
MSVOA_Y
ClientSampleId :
SU-4-101222

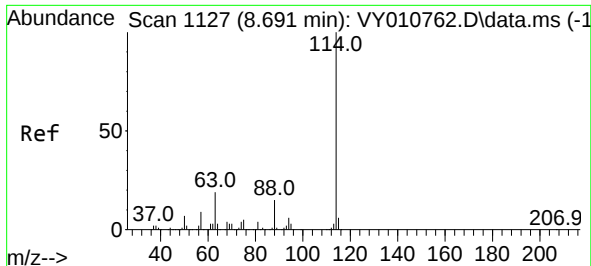
Tgt Ion: 84 Resp: 28858
Ion Ratio Lower Upper
84 100
49 123.8 114.4 171.6
51 35.0 35.3 52.9#
86 65.1 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 69.755 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY010961.D
Acq: 13 Oct 2022 16:33

Tgt Ion: 65 Resp: 158415
Ion Ratio Lower Upper
65 100
67 54.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY010961.D

Acq: 13 Oct 2022 16:33

Instrument :

MSVOA_Y

ClientSampleId :

SU-4-101222

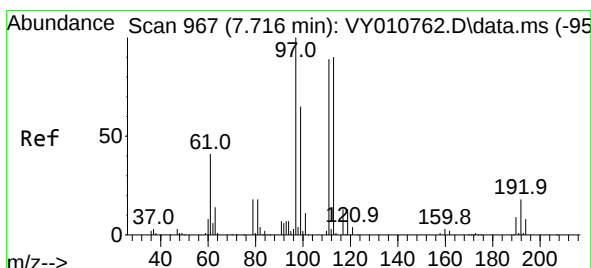
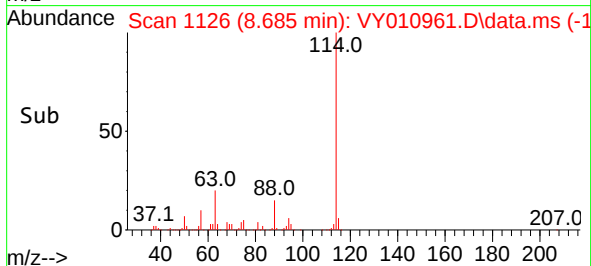
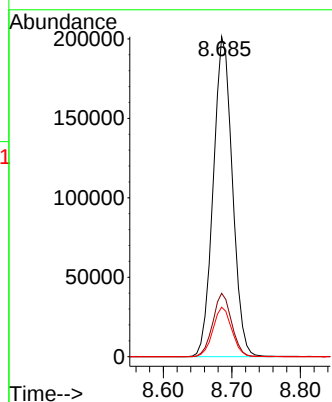
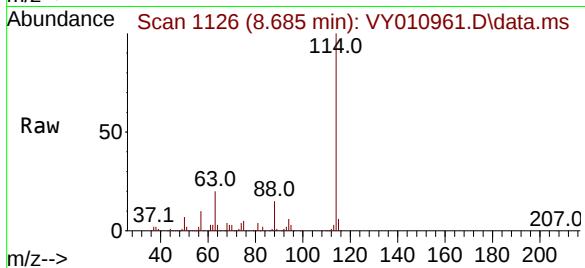
Tgt Ion:114 Resp: 390452

Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

88 15.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 59.918 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY010961.D

Acq: 13 Oct 2022 16:33

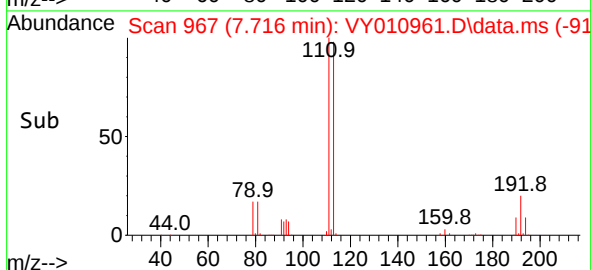
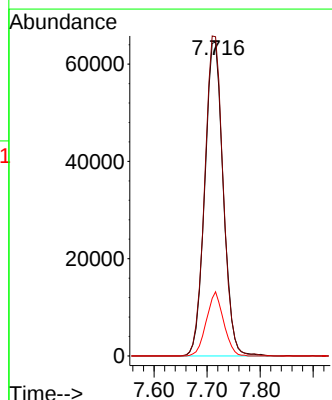
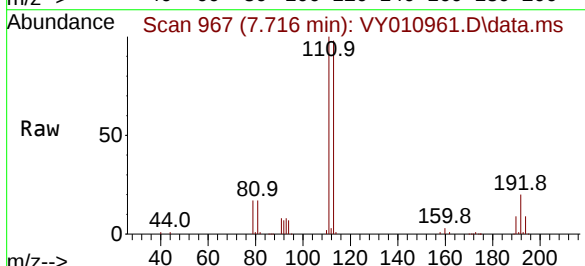
Tgt Ion:113 Resp: 155297

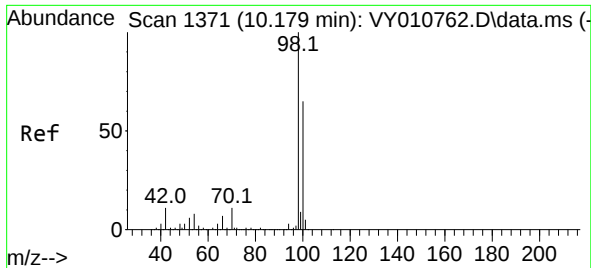
Ion Ratio Lower Upper

113 100

111 102.1 82.6 124.0

192 19.2 17.6 26.4

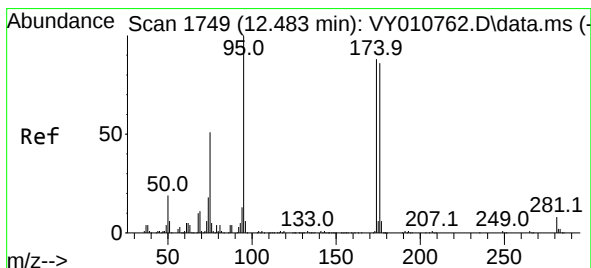
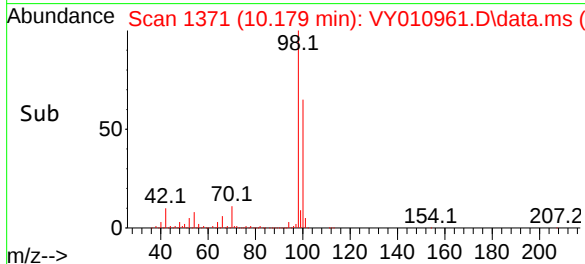
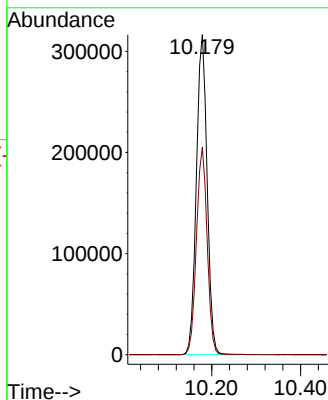
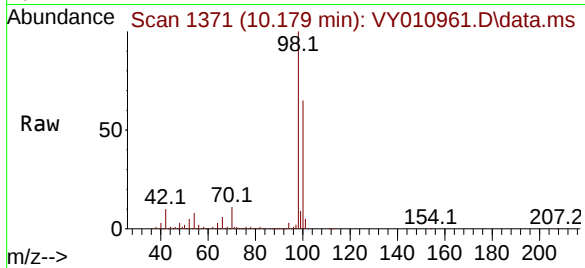




#50
Toluene-d8
Concen: 59.859 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010961.D
Acq: 13 Oct 2022 16:33

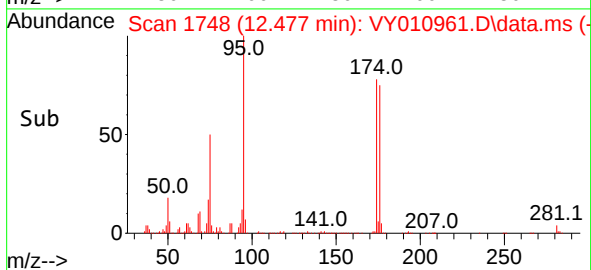
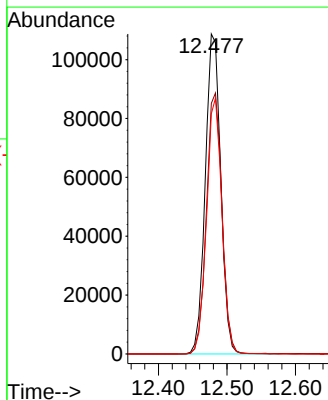
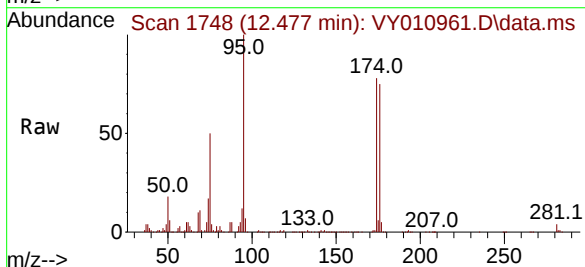
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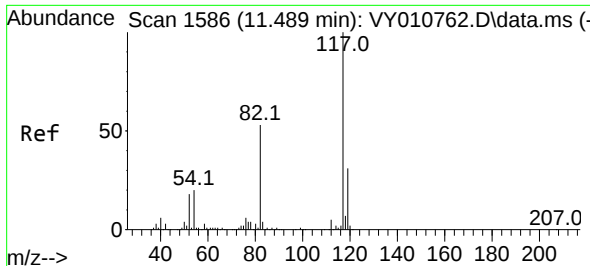
Tgt Ion: 98 Resp: 530581
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.291 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010961.D
Acq: 13 Oct 2022 16:33

Tgt Ion: 95 Resp: 170874
Ion Ratio Lower Upper
95 100
174 82.6 0.0 177.0
176 79.2 0.0 175.8

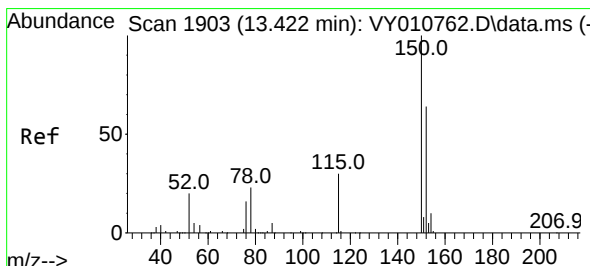
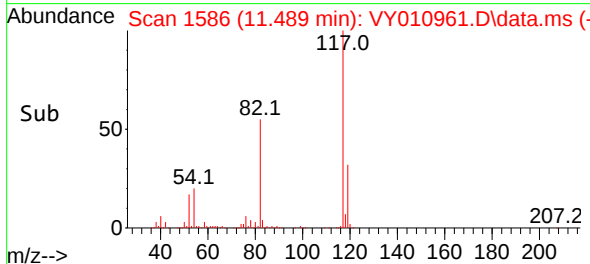
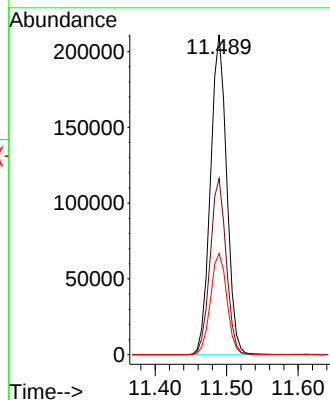
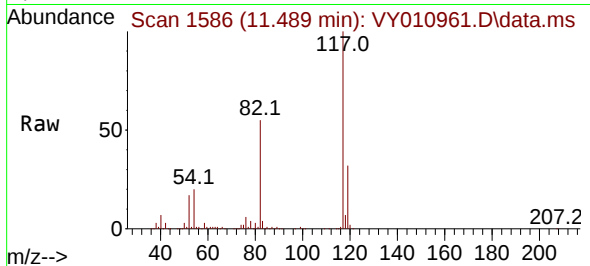




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VY010961.D
Acq: 13 Oct 2022 16:33

Instrument :
MSVOA_Y
ClientSampleId :
SU-4-101222

Tgt Ion:117 Resp: 333224
Ion Ratio Lower Upper
117 100
82 55.1 43.0 64.4
119 31.6 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: VY010961.D
Acq: 13 Oct 2022 16:33

Tgt Ion:152 Resp: 145098
Ion Ratio Lower Upper
152 100
115 58.8 28.2 84.7
150 158.0 0.0 347.6

