

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092922\
 Data File : VY010731.D
 Acq On : 29 Sep 2022 15:14
 Operator : KP/MD
 Sample : N4815-02
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SAND-FILTER-2

Quant Time: Sep 30 08:21:11 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)

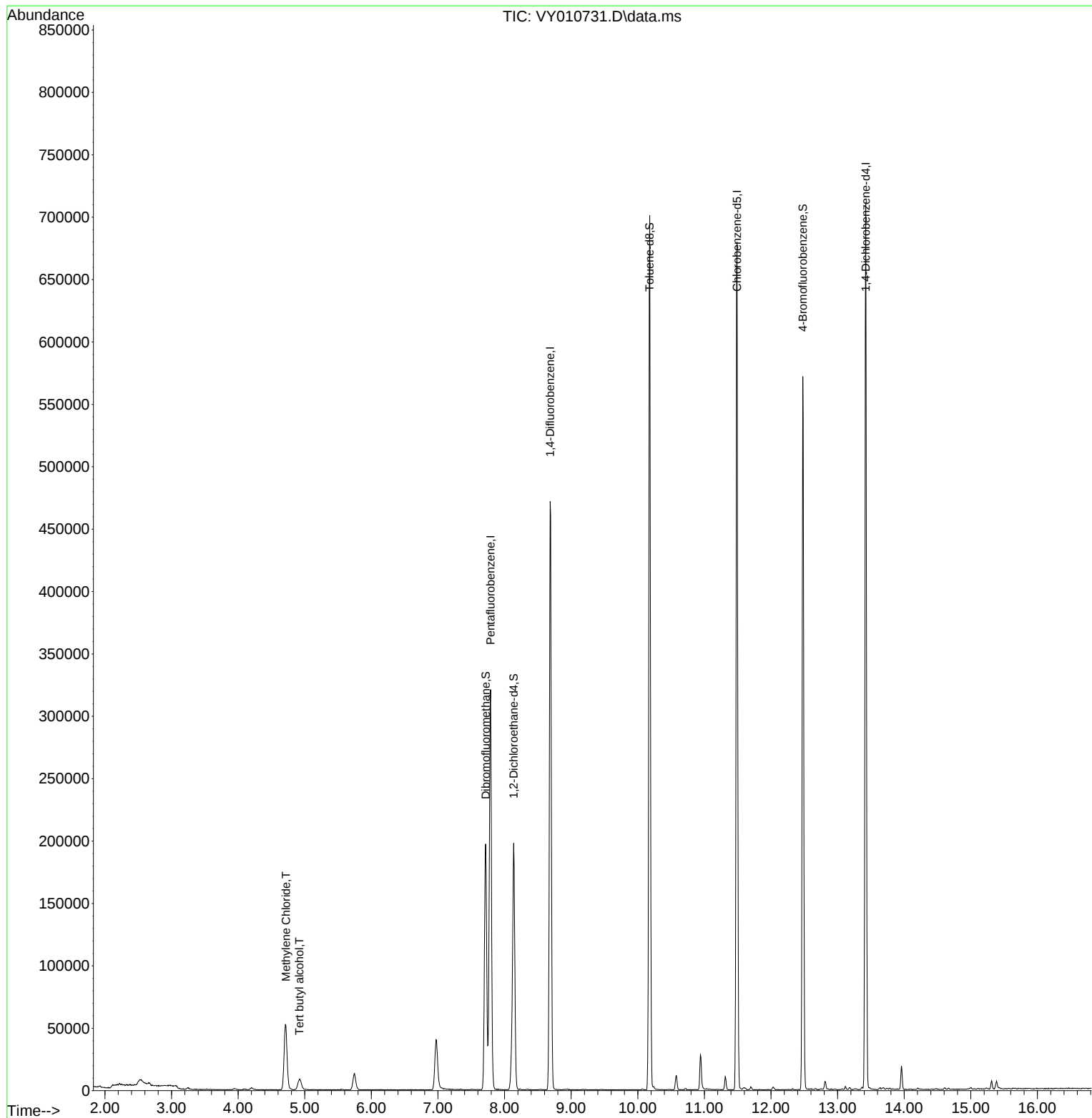
Internal Standards						
1) Pentafluorobenzene	7.789	168	247805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	409377	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	373834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	180376	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	138274	58.339	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.680%	
35) Dibromofluoromethane	7.716	113	138119	52.866	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.740%	
50) Toluene-d8	10.179	98	452110	47.021	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 94.040%	
62) 4-Bromofluorobenzene	12.477	95	166286	46.198	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.400%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.918	59	8503	30.279	ug/l #	79
20) Methylene Chloride	4.716	84	40897	5.291	ug/l #	84

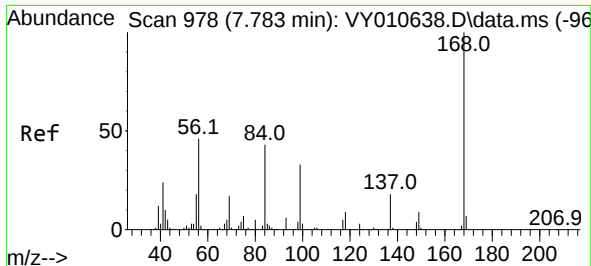
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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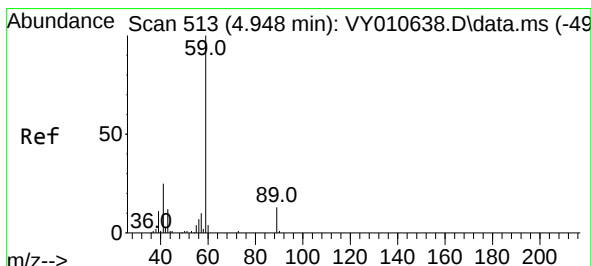
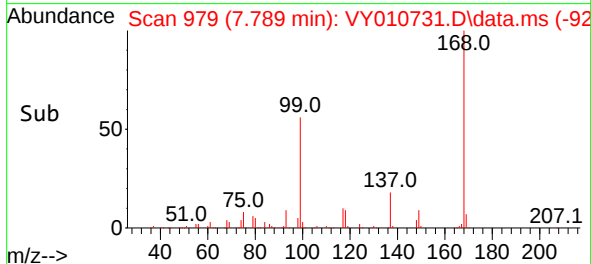
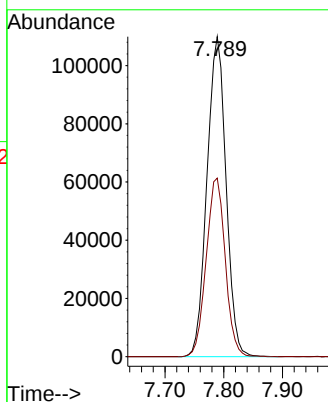
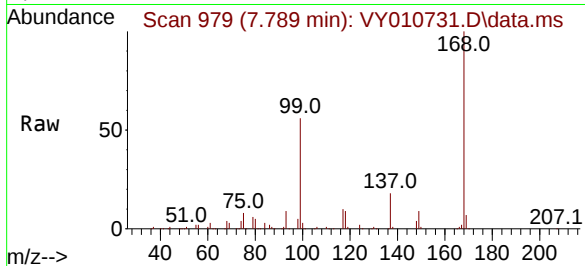




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010731.D
Acq: 29 Sep 2022 15:14

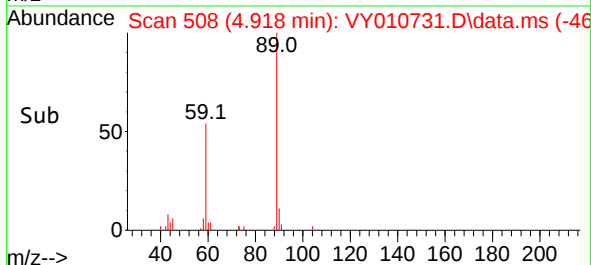
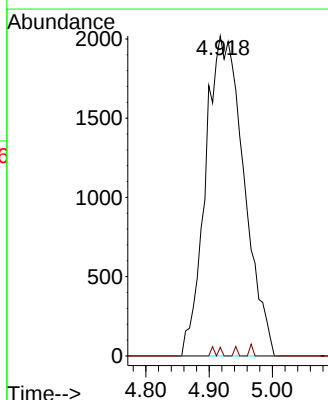
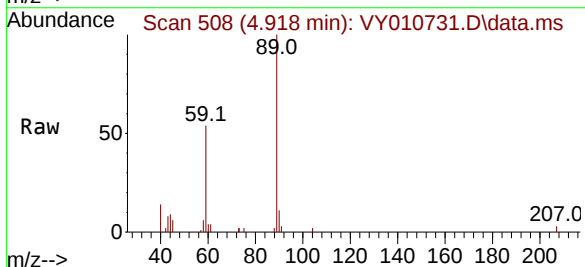
Instrument :
MSVOA_Y
ClientSampleId :
SAND-FILTER-2

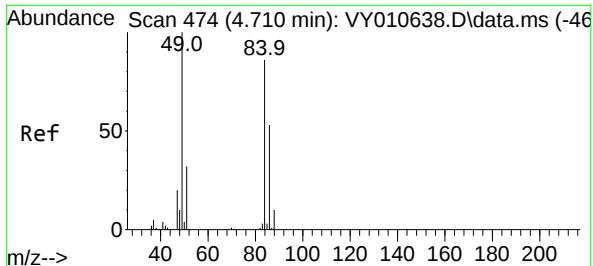
Tgt Ion:168 Resp: 247805
Ion Ratio Lower Upper
168 100
99 55.8 46.9 70.3



#11
Tert butyl alcohol
Concen: 30.279 ug/l
RT: 4.918 min Scan# 508
Delta R.T. -0.024 min
Lab File: VY010731.D
Acq: 29 Sep 2022 15:14

Tgt Ion: 59 Resp: 8503
Ion Ratio Lower Upper
59 100
57 0.5 6.4 9.6#

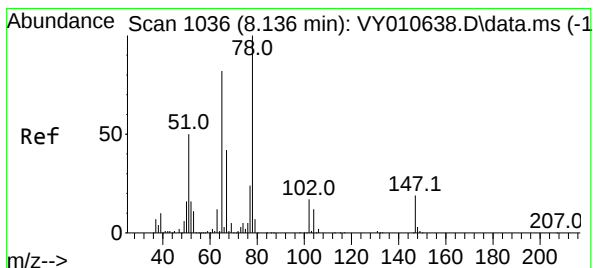
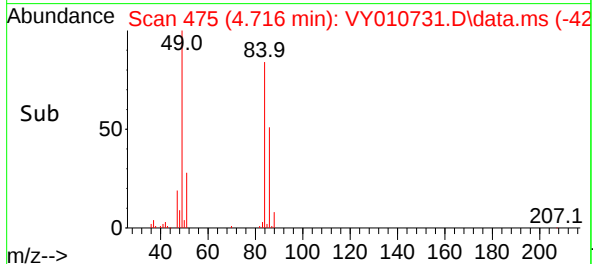
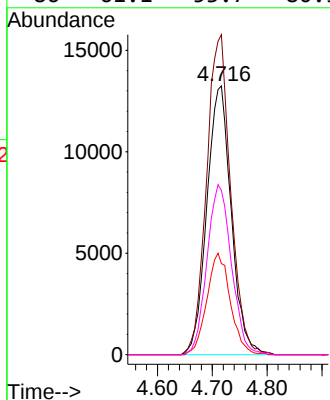
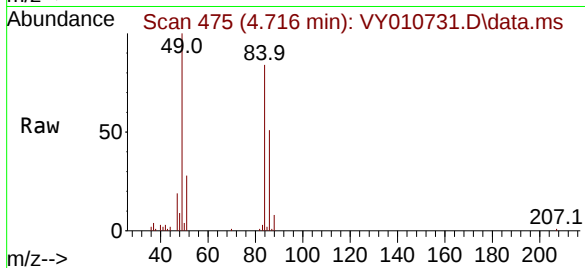




#20
Methylene Chloride
Concen: 5.291 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY010731.D
Acq: 29 Sep 2022 15:14

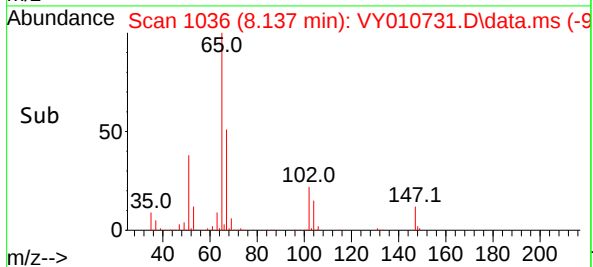
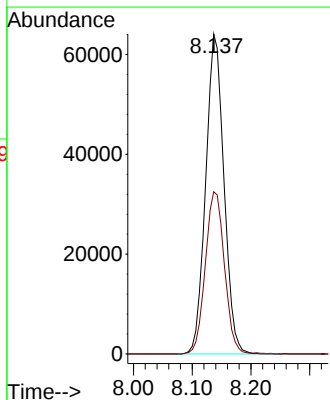
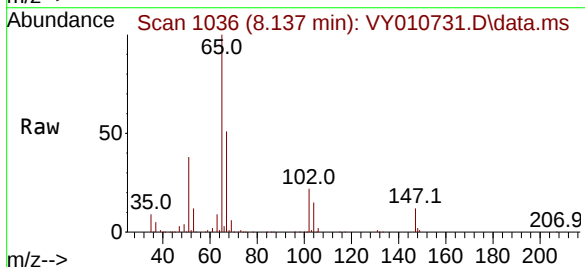
Instrument :
MSVOA_Y
ClientSampleId :
SAND-FILTER-2

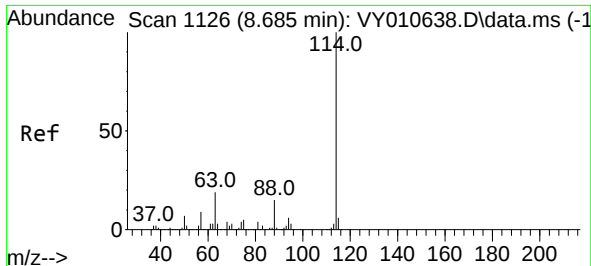
Tgt Ion: 84 Resp: 40897
Ion Ratio Lower Upper
84 100
49 119.0 114.4 171.6
51 33.9 35.3 52.9#
86 61.1 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 58.339 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY010731.D
Acq: 29 Sep 2022 15:14

Tgt Ion: 65 Resp: 138274
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: VY010731.D

Acq: 29 Sep 2022 15:14

Instrument :

MSVOA_Y

ClientSampleId :

SAND-FILTER-2

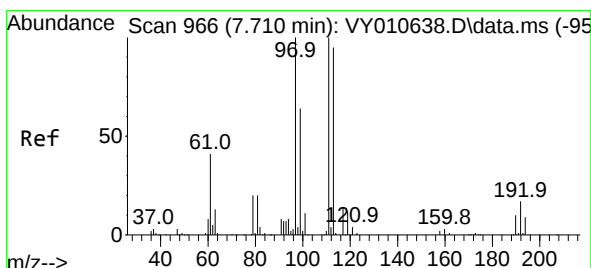
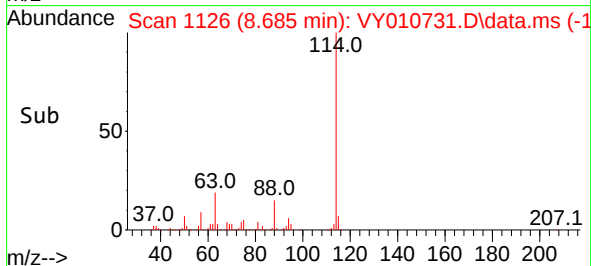
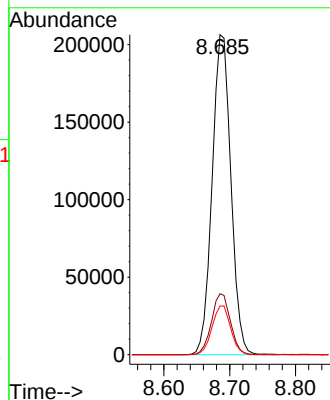
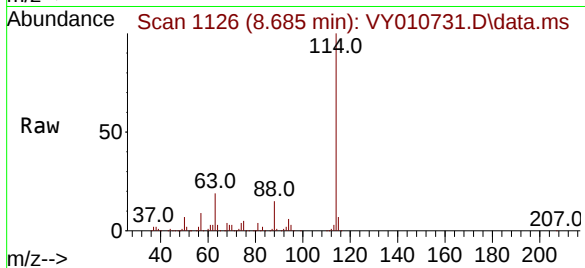
Tgt Ion:114 Resp: 409377

Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 15.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.866 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010731.D

Acq: 29 Sep 2022 15:14

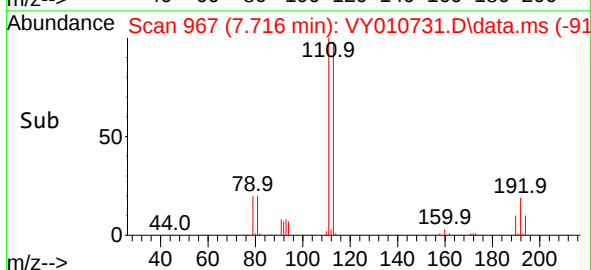
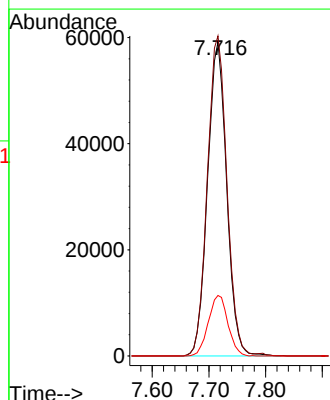
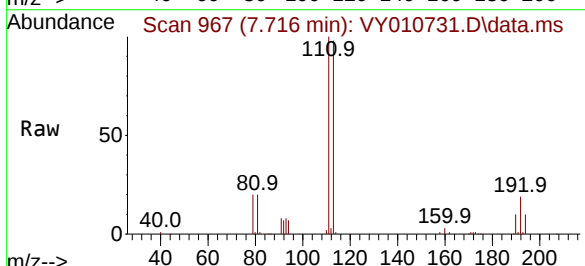
Tgt Ion:113 Resp: 138119

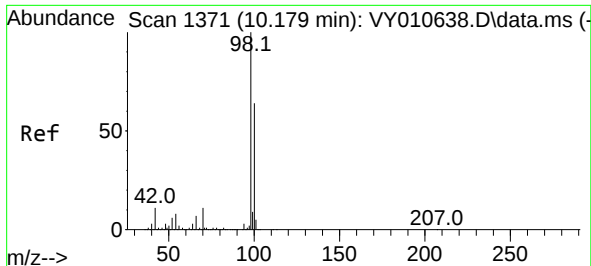
Ion Ratio Lower Upper

113 100

111 104.1 82.6 124.0

192 19.8 17.6 26.4

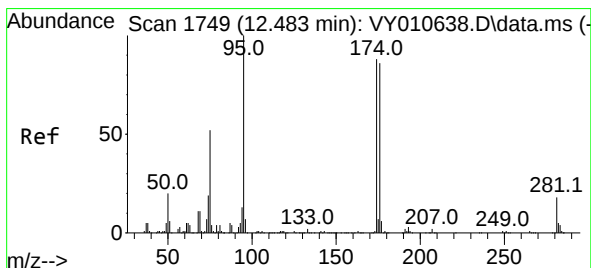
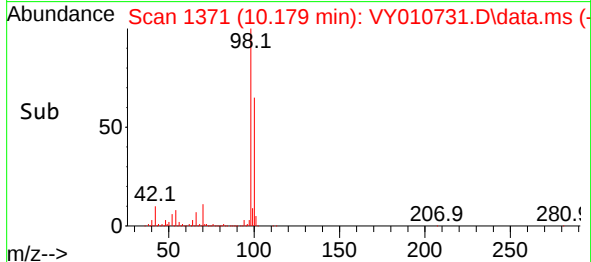
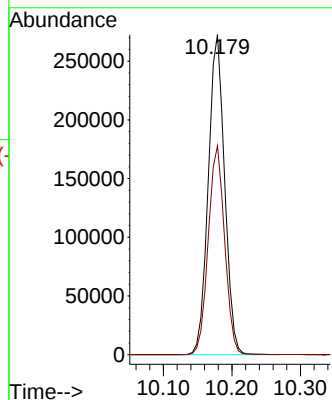
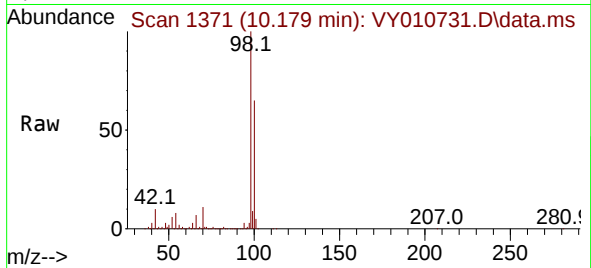




#50
Toluene-d8
Concen: 47.021 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010731.D
Acq: 29 Sep 2022 15:14

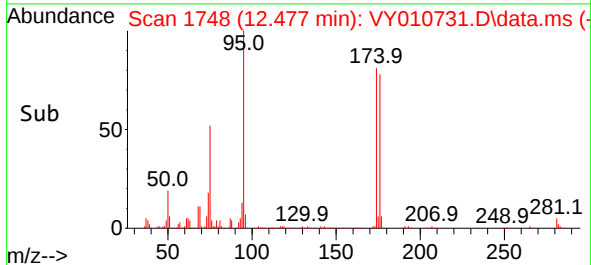
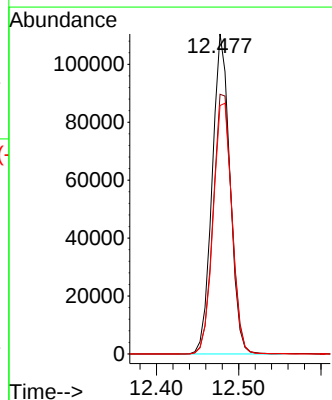
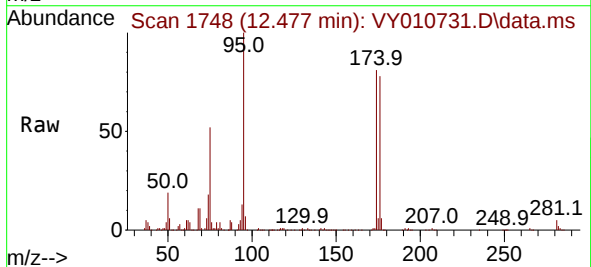
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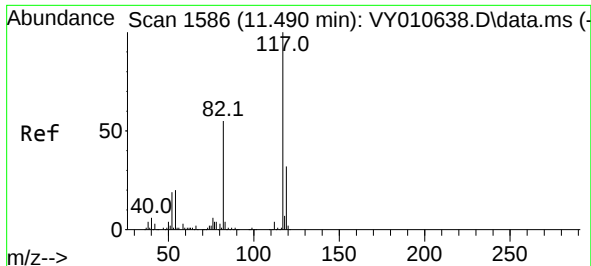
Tgt Ion: 98 Resp: 452110
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.198 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010731.D
Acq: 29 Sep 2022 15:14

Tgt Ion: 95 Resp: 166286
Ion Ratio Lower Upper
95 100
174 85.2 0.0 177.0
176 82.4 0.0 175.8

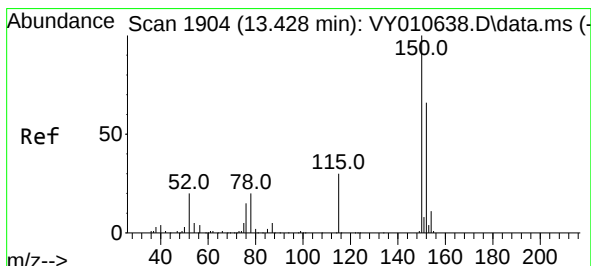
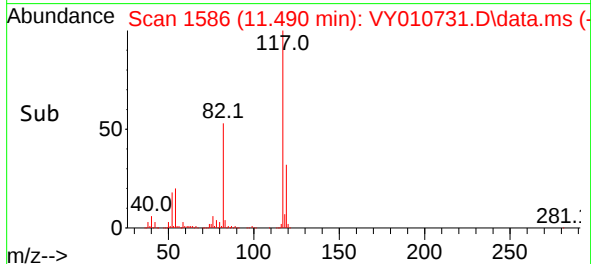
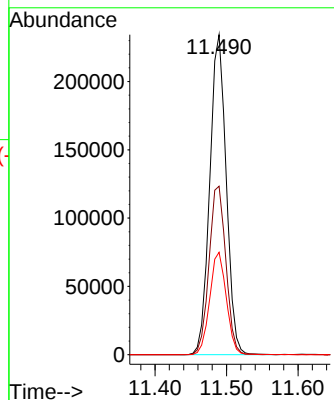
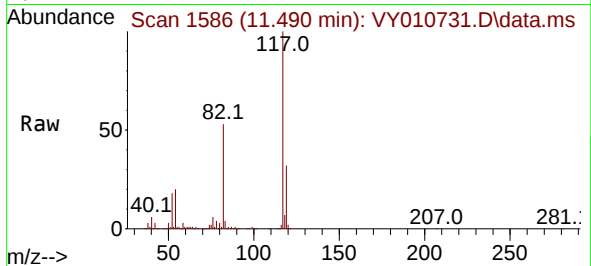




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010731.D
Acq: 29 Sep 2022 15:14

Instrument :
MSVOA_Y
ClientSampleId :
SAND-FILTER-2

Tgt Ion:117 Resp: 373834
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 32.0 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: VY010731.D
Acq: 29 Sep 2022 15:14

Tgt Ion:152 Resp: 180376
Ion Ratio Lower Upper
152 100
115 58.9 28.2 84.7
150 157.7 0.0 347.6

