

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072022\
 Data File : VY009618.D
 Acq On : 20 Jul 2022 17:29
 Operator : KP/MD
 Sample : N3726-04
 Misc : 6.41g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SEPTIC-12-12.5

Quant Time: Jul 21 02:15:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

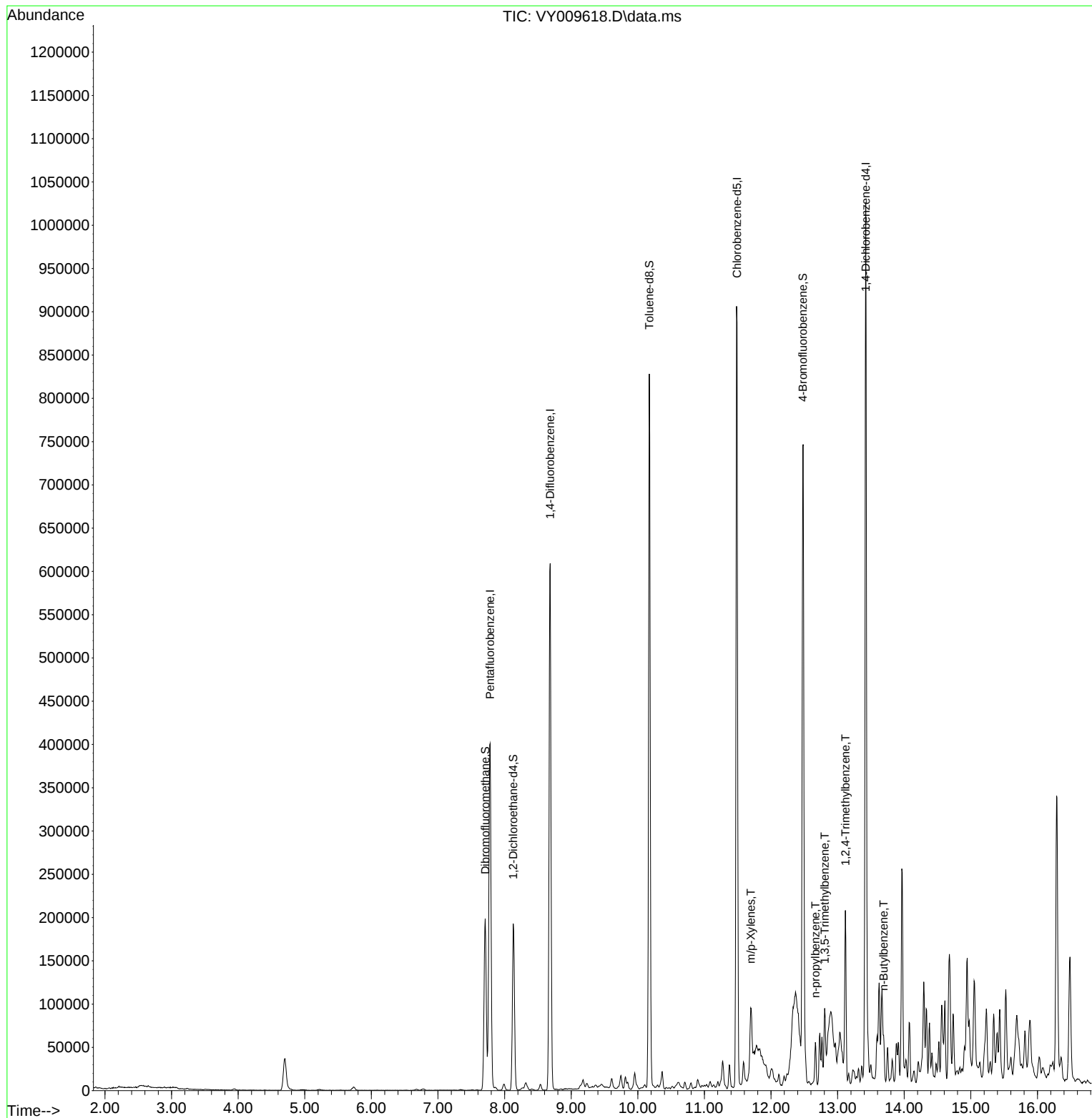
Internal Standards						
1) Pentafluorobenzene	7.783	168	342162	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	562186	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	534993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	267270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	143938	44.480	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.960%
35) Dibromofluoromethane	7.710	113	142766	40.309	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.620%
50) Toluene-d8	10.173	98	543990	39.954	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	79.900%
62) 4-Bromofluorobenzene	12.477	95	197599	44.788	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	89.580%
Target Compounds						
					Qvalue	
68) m/p-Xylenes	11.697	106	21796	2.848	ug/l	94
78) n-propylbenzene	12.666	91	36920	1.651	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	26714	1.747	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	104658	6.844	ug/l	98
89) n-Butylbenzene	13.690	91	32544	2.105	ug/l #	75

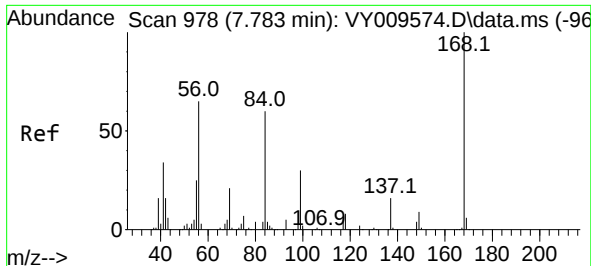
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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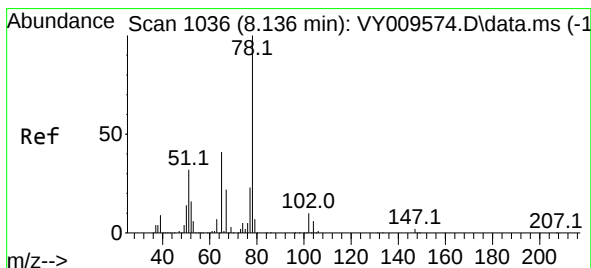
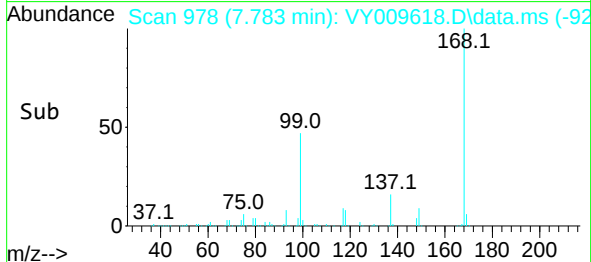
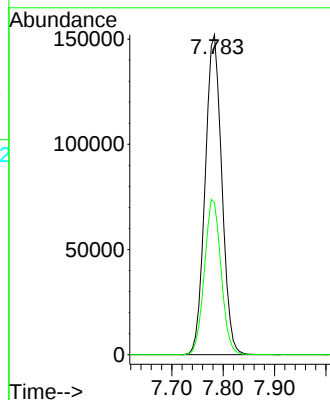
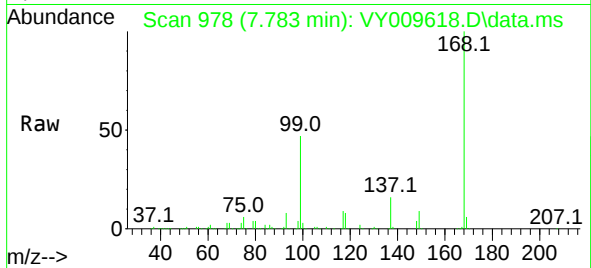




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009618.D
Acq: 20 Jul 2022 17:29

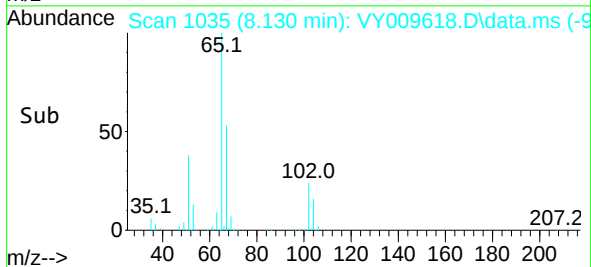
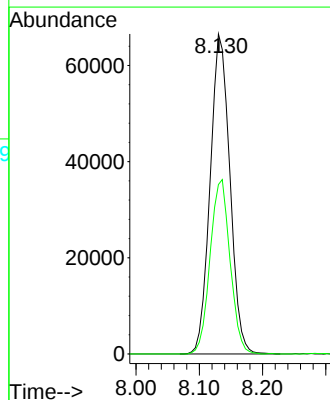
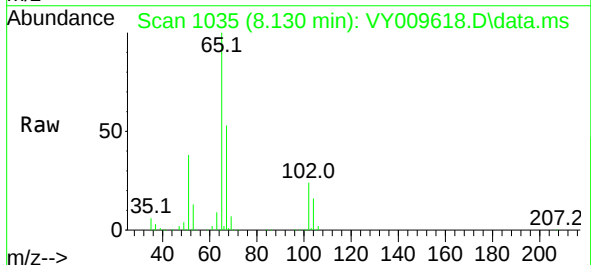
Instrument :
MSVOA_Y
ClientSampleId :
SEPTIC-12-12.5

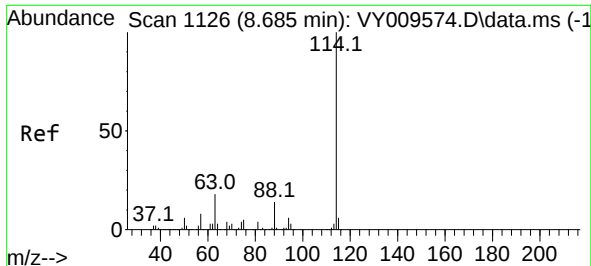
Tgt Ion:168 Resp: 342162
Ion Ratio Lower Upper
168 100
99 47.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 44.480 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009618.D
Acq: 20 Jul 2022 17:29

Tgt Ion: 65 Resp: 143938
Ion Ratio Lower Upper
65 100
67 55.1 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: VY009618.D

Acq: 20 Jul 2022 17:29

Instrument :

MSVOA_Y

ClientSampleId :

SEPTIC-12-12.5

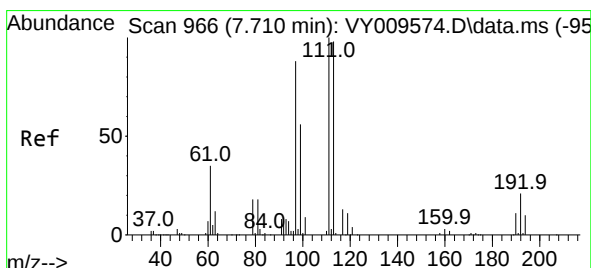
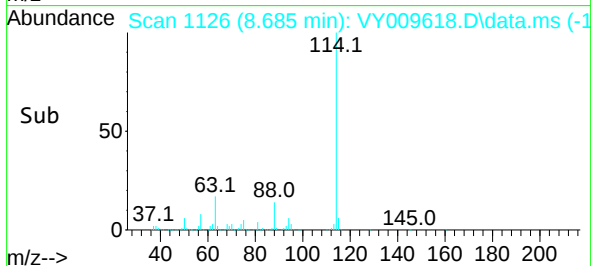
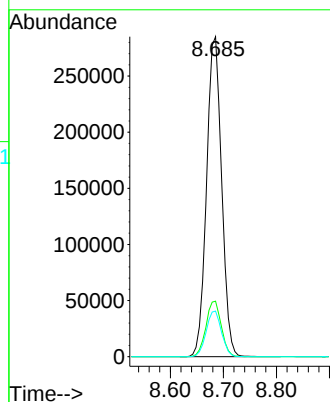
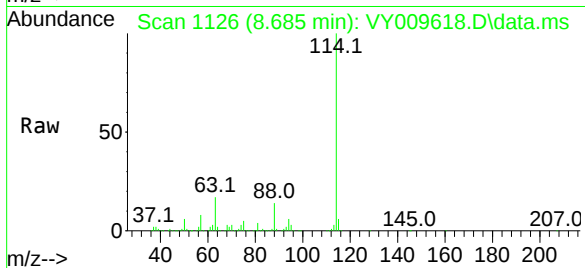
Tgt Ion:114 Resp: 562186

Ion Ratio Lower Upper

114 100

63 17.4 0.0 43.2

88 14.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 40.309 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009618.D

Acq: 20 Jul 2022 17:29

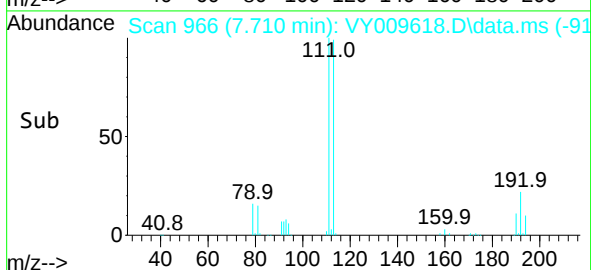
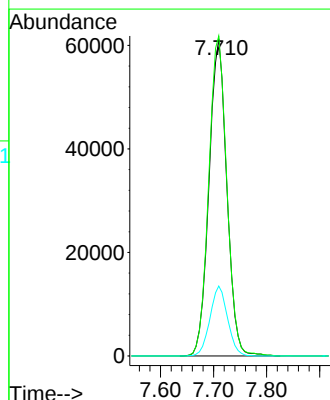
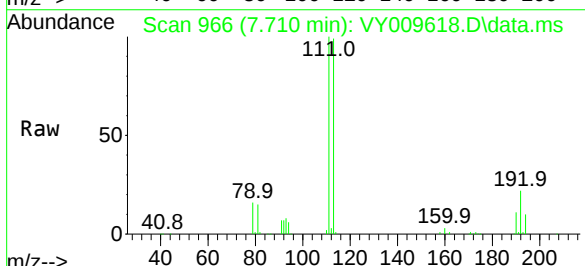
Tgt Ion:113 Resp: 142766

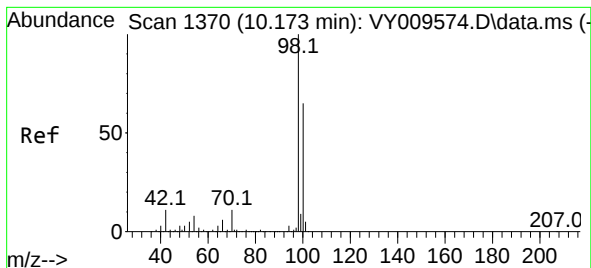
Ion Ratio Lower Upper

113 100

111 102.3 82.6 124.0

192 21.7 17.6 26.4

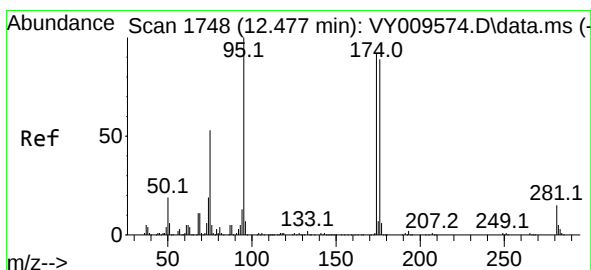
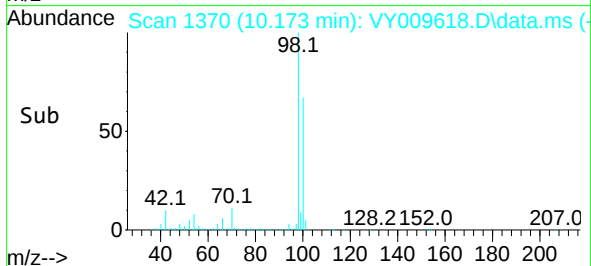
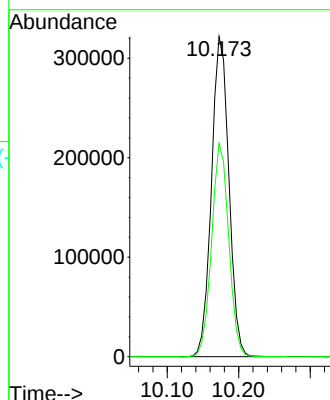
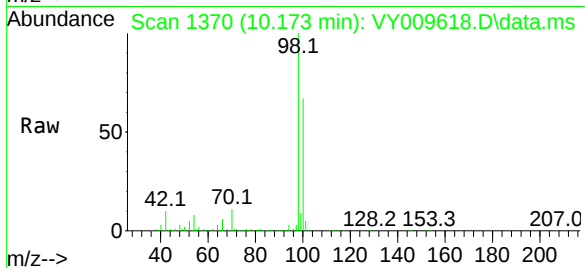




#50
Toluene-d8
Concen: 39.954 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009618.D
Acq: 20 Jul 2022 17:29

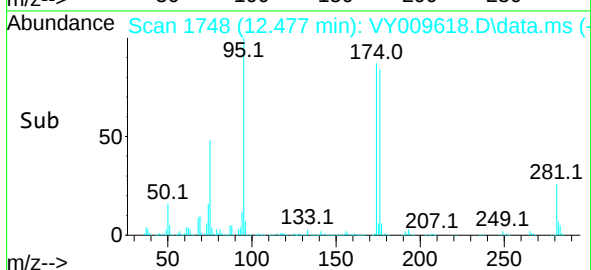
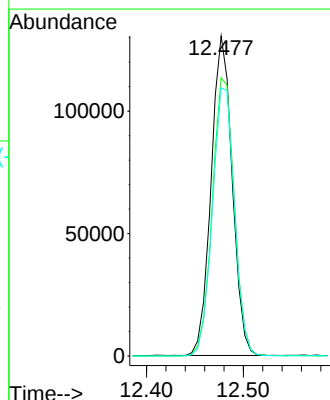
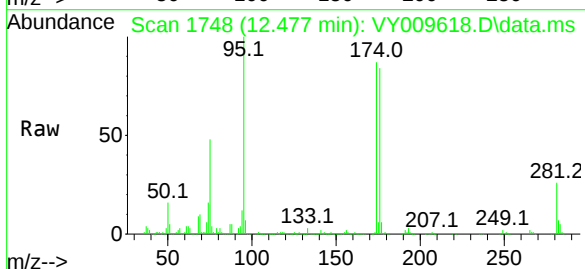
Instrument :
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SEPTIC-12-12.5

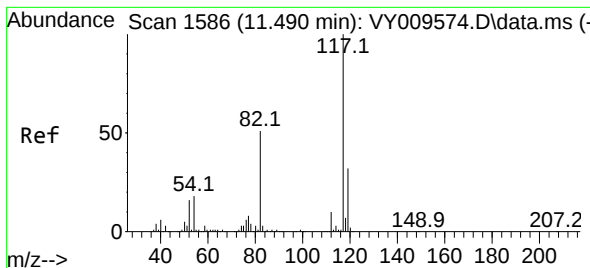
Tgt Ion: 98 Resp: 543990
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.788 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009618.D
Acq: 20 Jul 2022 17:29

Tgt Ion: 95 Resp: 197599
Ion Ratio Lower Upper
95 100
174 90.9 0.0 177.0
176 87.7 0.0 175.8

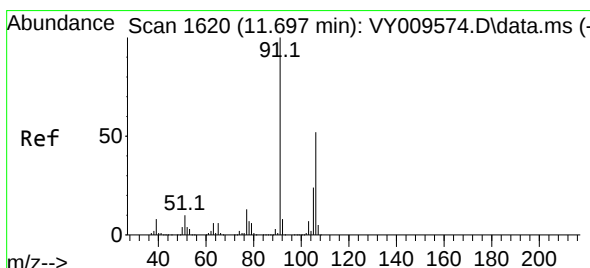
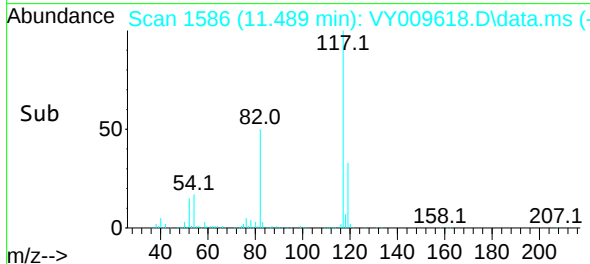
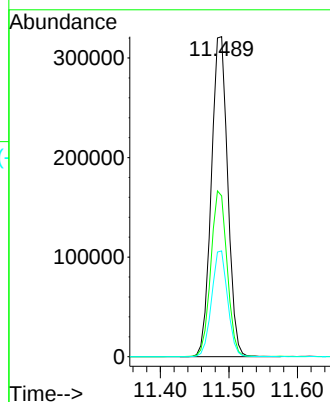
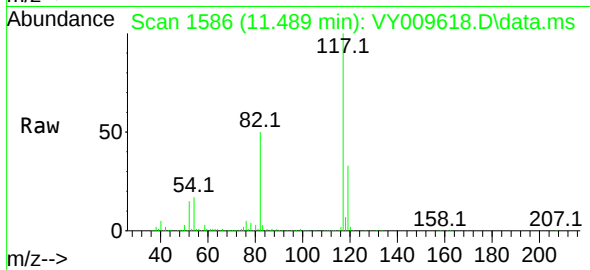




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY009618.D
Acq: 20 Jul 2022 17:29

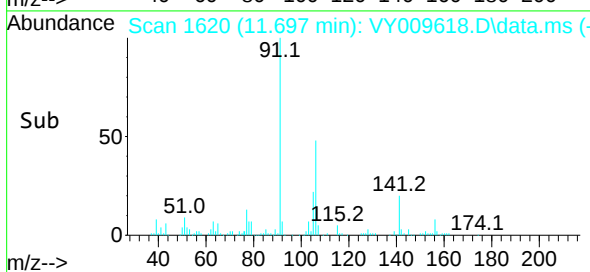
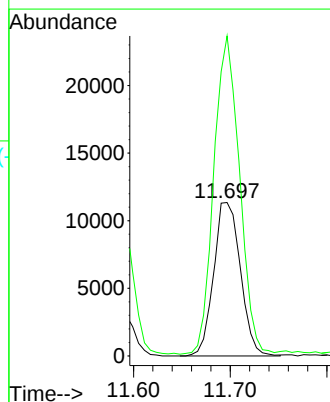
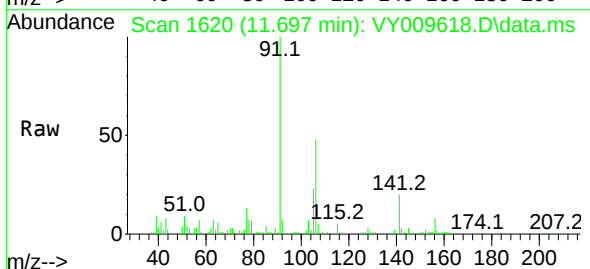
Instrument :
MSVOA_Y
ClientSampleId :
SEPTIC-12-12.5

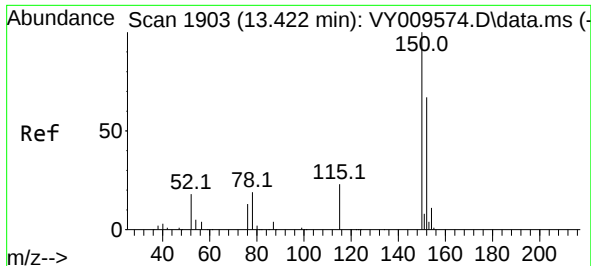
Tgt Ion:117 Resp: 534993
Ion Ratio Lower Upper
117 100
82 50.2 43.0 64.4
119 33.0 25.4 38.0



#68
m/p-Xylenes
Concen: 2.848 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY009618.D
Acq: 20 Jul 2022 17:29

Tgt Ion:106 Resp: 21796
Ion Ratio Lower Upper
106 100
91 198.8 166.6 249.8

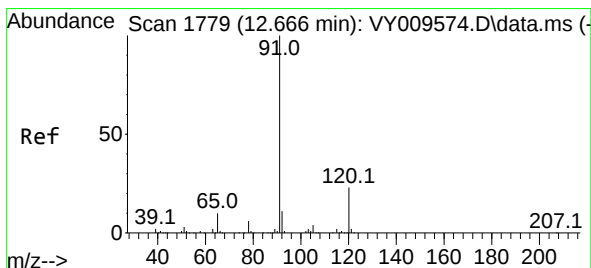
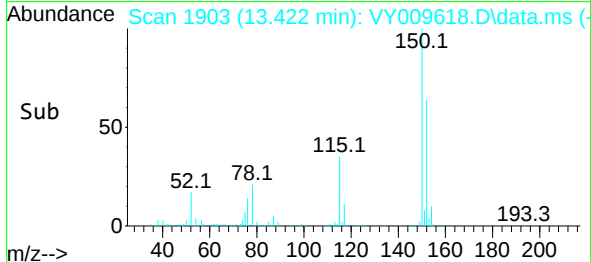
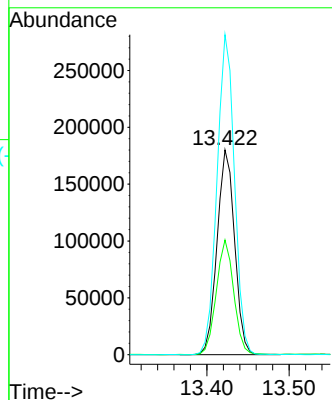
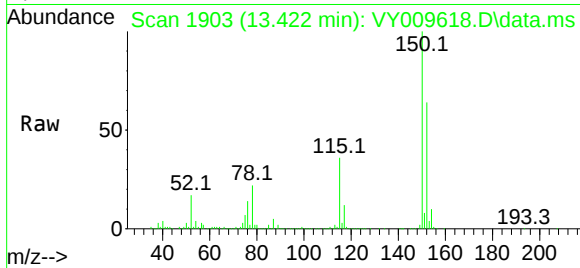




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009618.D
Acq: 20 Jul 2022 17:29

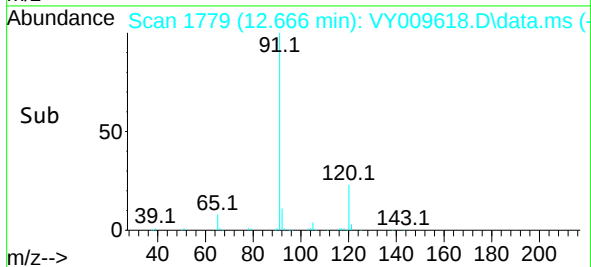
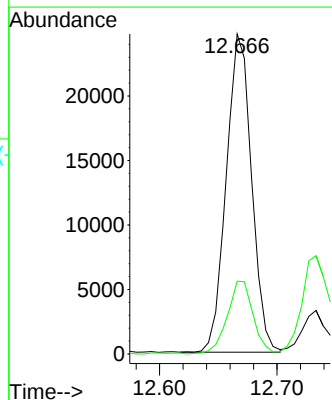
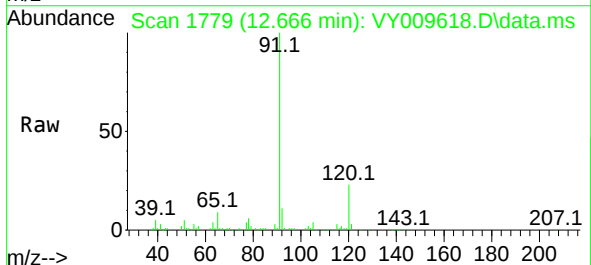
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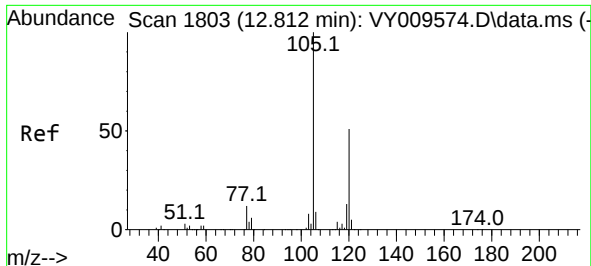
Tgt Ion:152 Resp: 267270
Ion Ratio Lower Upper
152 100
115 55.6 28.2 84.7
150 155.8 0.0 347.6



#78
n-propylbenzene
Concen: 1.651 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VY009618.D
Acq: 20 Jul 2022 17:29

Tgt Ion: 91 Resp: 36920
Ion Ratio Lower Upper
91 100
120 23.4 11.3 33.9

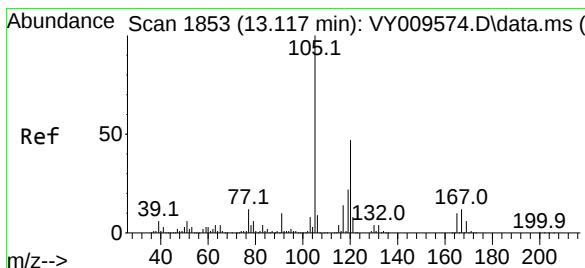
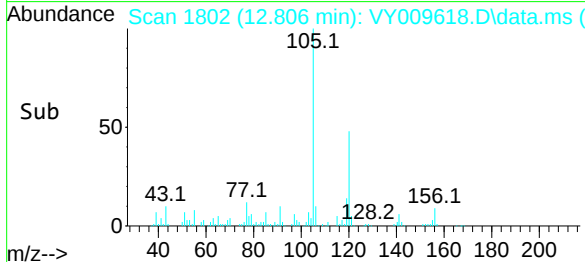
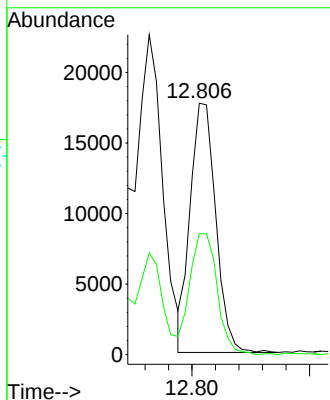
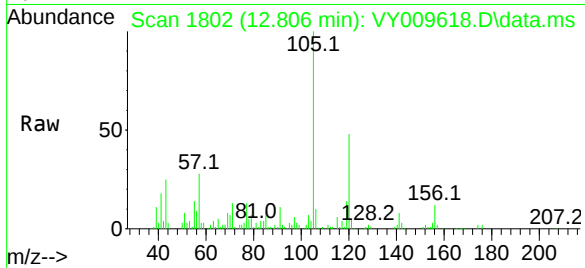




#80
 1,3,5-Trimethylbenzene
 Concen: 1.747 ug/l
 RT: 12.806 min Scan# 1803
 Delta R.T. -0.006 min
 Lab File: VY009618.D
 Acq: 20 Jul 2022 17:29

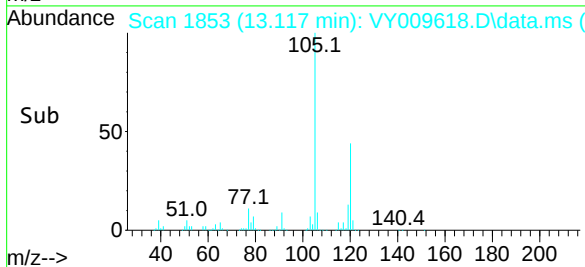
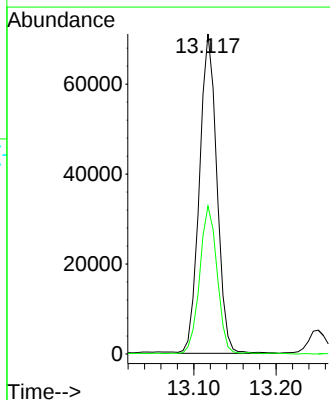
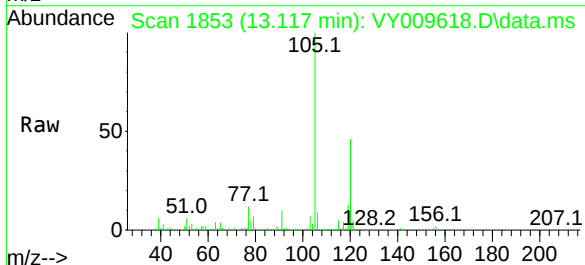
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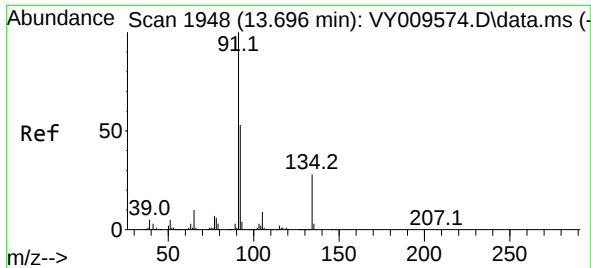
Tgt Ion:105 Resp: 26714
 Ion Ratio Lower Upper
 105 100
 120 51.1 24.4 73.4



#84
 1,2,4-Trimethylbenzene
 Concen: 6.844 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VY009618.D
 Acq: 20 Jul 2022 17:29

Tgt Ion:105 Resp: 104658
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.3 66.9





#89
 n-Butylbenzene
 Concen: 2.105 ug/l
 RT: 13.690 min Scan# 1947
 Delta R.T. -0.006 min
 Lab File: VY009618.D
 Acq: 20 Jul 2022 17:29

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tgt Ion: 91 Resp: 32544
 Ion Ratio Lower Upper
 91 100
 92 43.9 26.3 78.9
 134 0.0 13.0 38.9#

