

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083122\
 Data File : VY010255.D
 Acq On : 31 Aug 2022 19:01
 Operator : KP/MD
 Sample : N4430-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CRUSHED-MASONARY-PILE-3

Quant Time: Aug 31 23:42:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 02:23:17 2022
 Response via : Initial Calibration

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

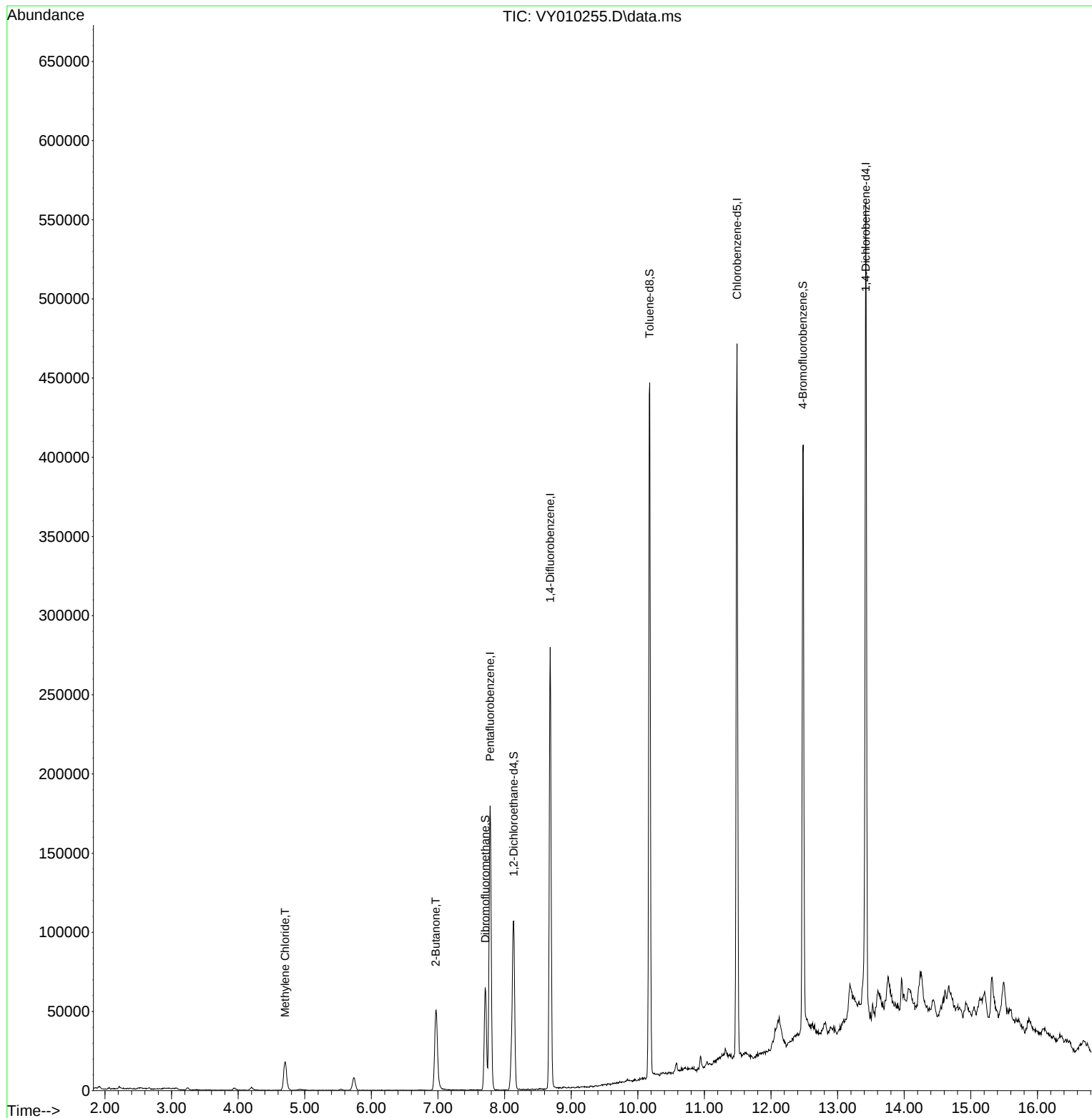
Internal Standards						
1) Pentafluorobenzene	7.782	168	149485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	249772	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	254682	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	130767	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	79144	62.764	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.520%
35) Dibromofluoromethane	7.709	113	46221	33.311	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	66.620%
50) Toluene-d8	10.178	98	301037	56.200	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.400%
62) 4-Bromofluorobenzene	12.477	95	116825	58.706	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.420%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.704	84	14192	9.108	ug/l	# 79
25) 2-Butanone	6.966	43	2778	6.095	ug/l	99

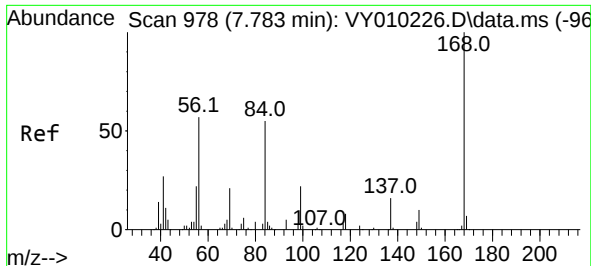
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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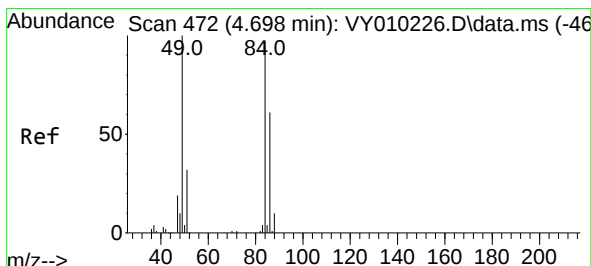
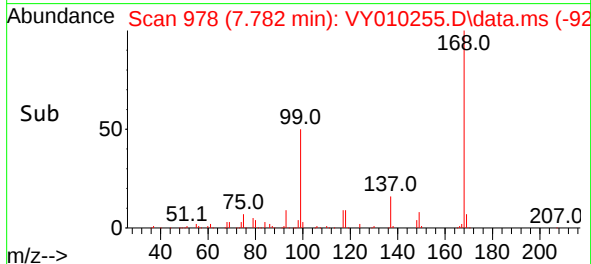
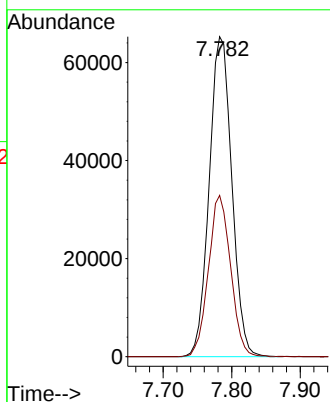
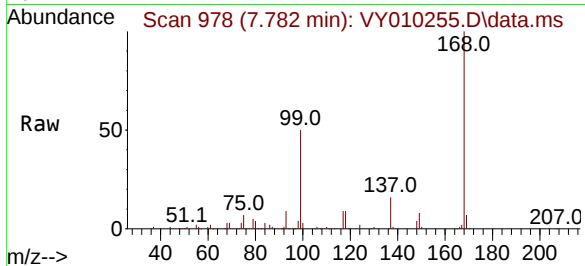




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY010255.D
Acq: 31 Aug 2022 19:01

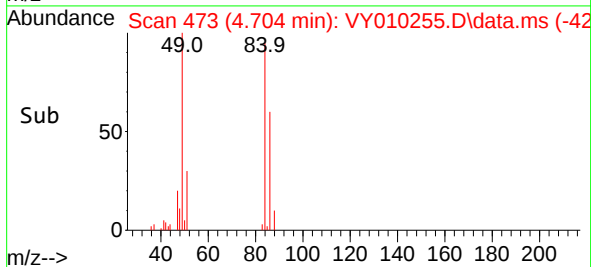
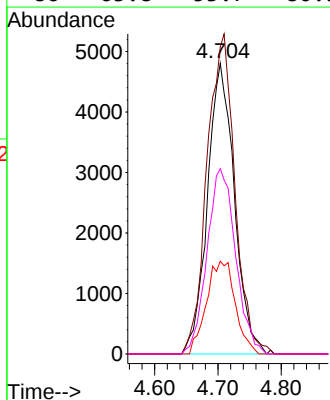
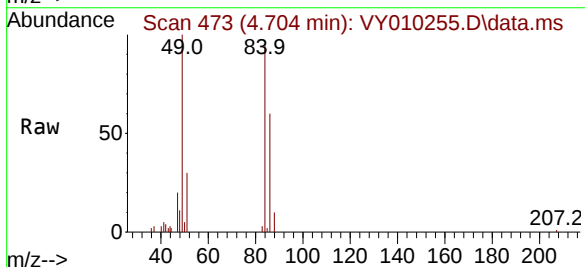
Instrument :
MSVOA_Y
ClientSampleId :
CRUSHED-MASONARY-PILE-3

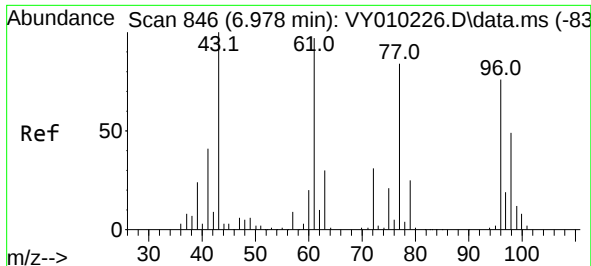
Tgt Ion:168 Resp: 149485
Ion Ratio Lower Upper
168 100
99 50.4 46.9 70.3



#20
Methylene Chloride
Concen: 9.108 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY010255.D
Acq: 31 Aug 2022 19:01

Tgt Ion: 84 Resp: 14192
Ion Ratio Lower Upper
84 100
49 105.7 114.4 171.6#
51 31.9 35.3 52.9#
86 63.8 53.7 80.5

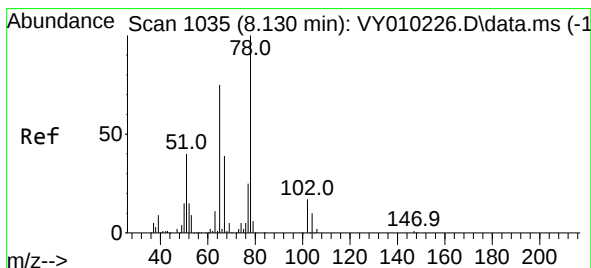
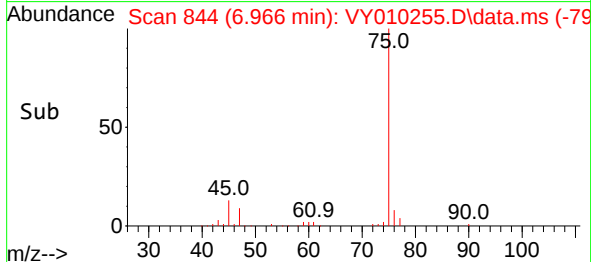
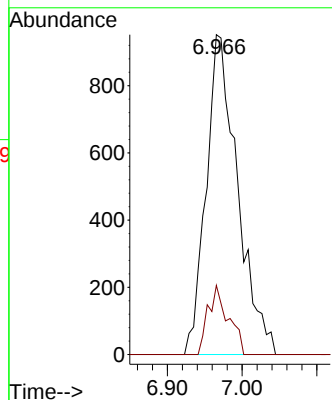
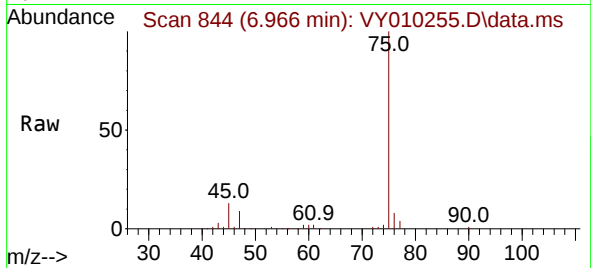




#25
2-Butanone
Concen: 6.095 ug/l
RT: 6.966 min Scan# 846
Delta R.T. -0.013 min
Lab File: VY010255.D
Acq: 31 Aug 2022 19:01

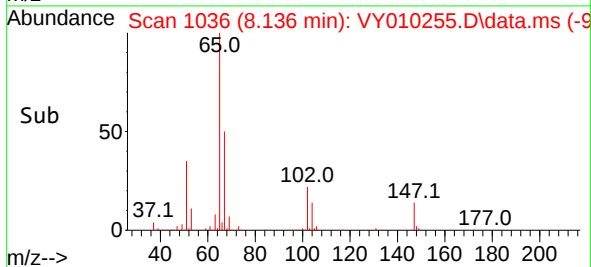
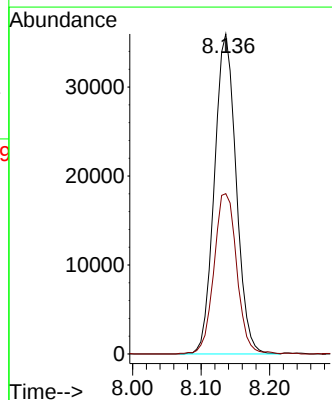
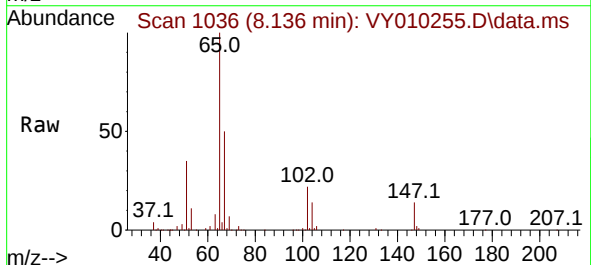
Instrument :
MSVOA_Y
ClientSampleId :
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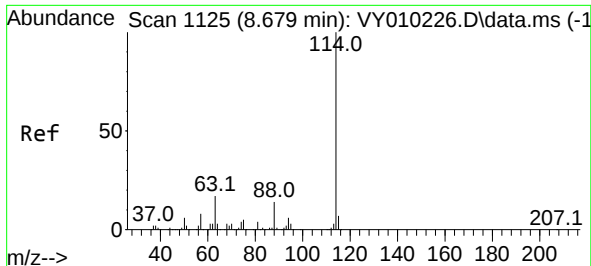
Tgt Ion: 43 Resp: 2778
Ion Ratio Lower Upper
43 100
72 21.6 17.7 26.5



#33
1,2-Dichloroethane-d4
Concen: 62.764 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY010255.D
Acq: 31 Aug 2022 19:01

Tgt Ion: 65 Resp: 79144
Ion Ratio Lower Upper
65 100
67 52.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VY010255.D

Acq: 31 Aug 2022 19:01

Instrument :

MSVOA_Y

ClientSampleId :

CRUSHED-MASONARY-PILE-3

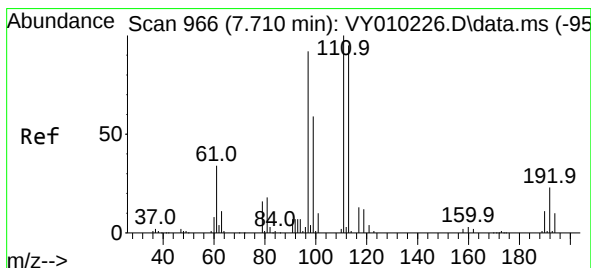
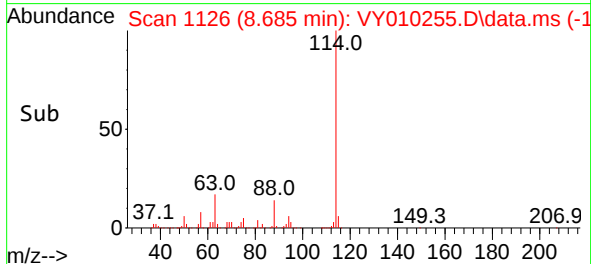
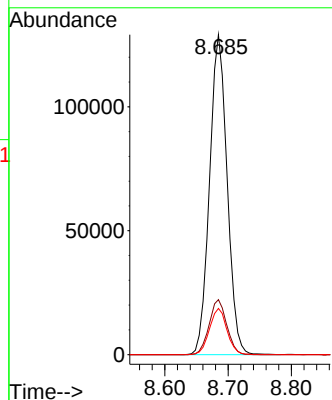
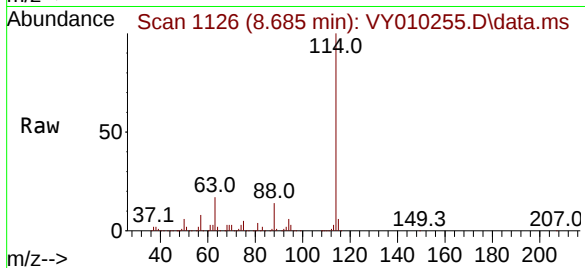
Tgt Ion:114 Resp: 249772

Ion Ratio Lower Upper

114 100

63 17.2 0.0 43.2

88 14.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 33.311 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.001 min

Lab File: VY010255.D

Acq: 31 Aug 2022 19:01

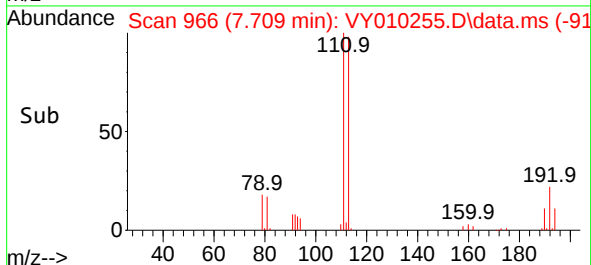
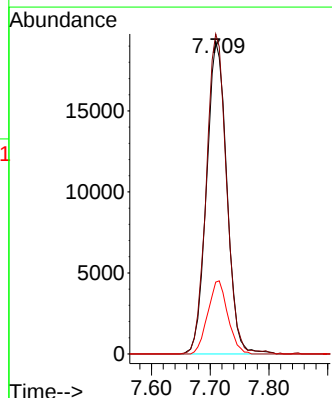
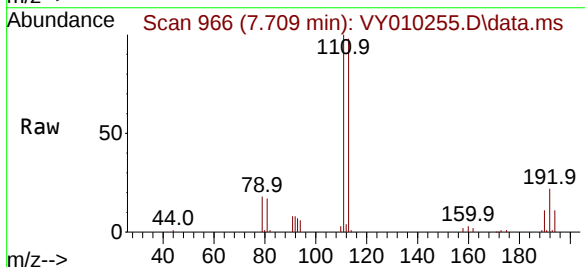
Tgt Ion:113 Resp: 46221

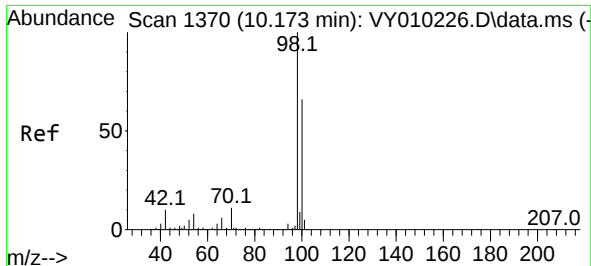
Ion Ratio Lower Upper

113 100

111 102.2 82.6 124.0

192 23.1 17.6 26.4

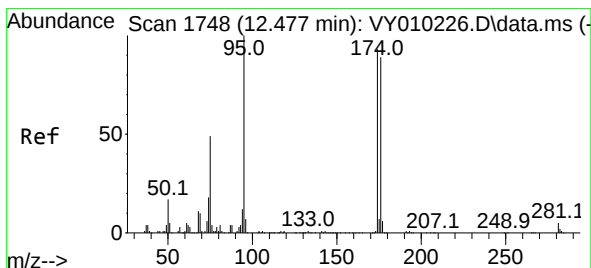
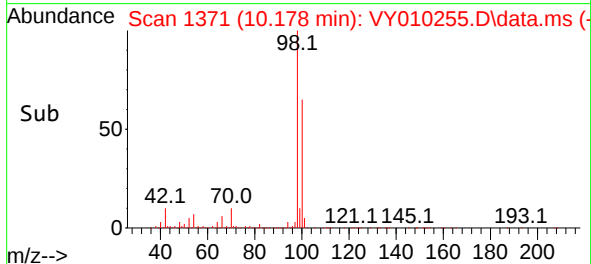
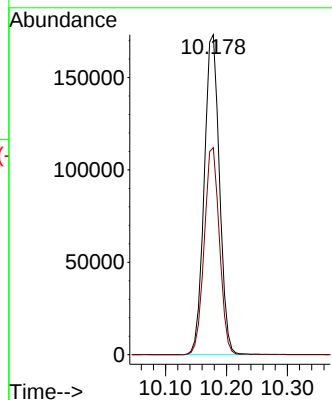
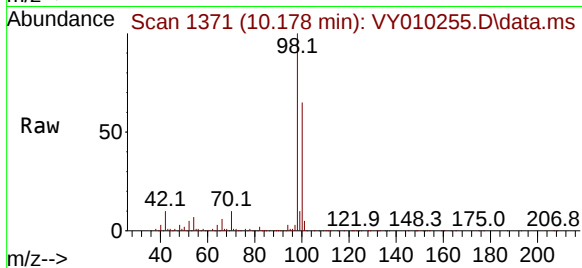




#50
Toluene-d8
Concen: 56.200 ug/l
RT: 10.178 min Scan# 11
Delta R.T. 0.005 min
Lab File: VY010255.D
Acq: 31 Aug 2022 19:01

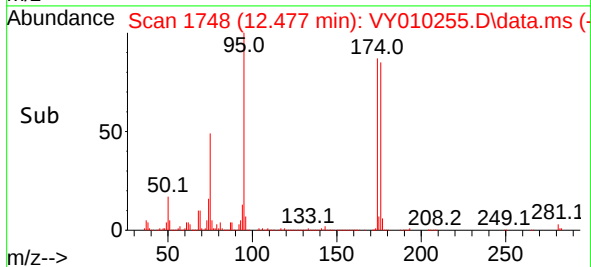
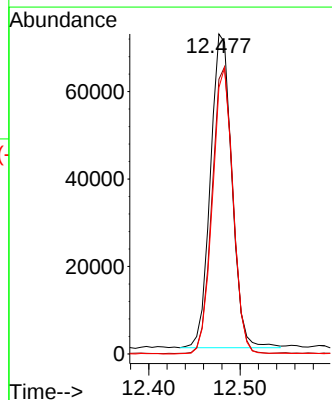
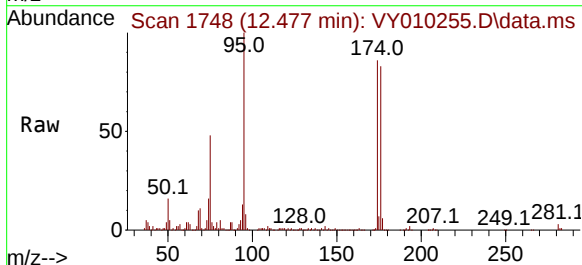
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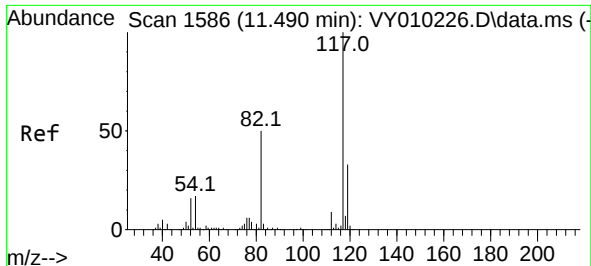
Tgt Ion: 98 Resp: 301037
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 58.706 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010255.D
Acq: 31 Aug 2022 19:01

Tgt Ion: 95 Resp: 116825
Ion Ratio Lower Upper
95 100
174 89.4 0.0 177.0
176 87.5 0.0 175.8

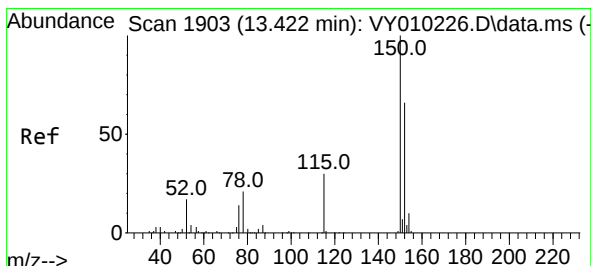
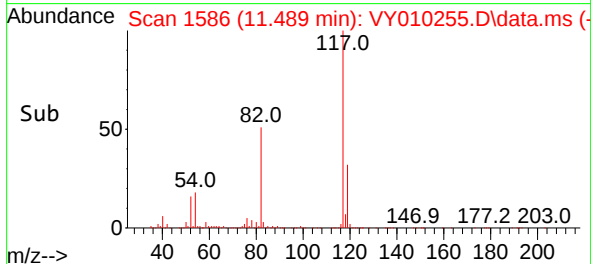
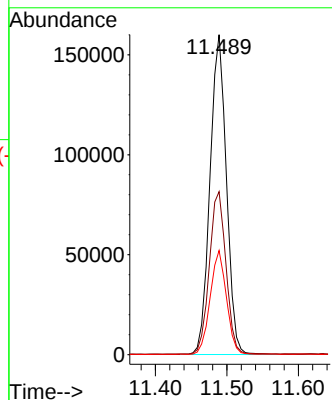
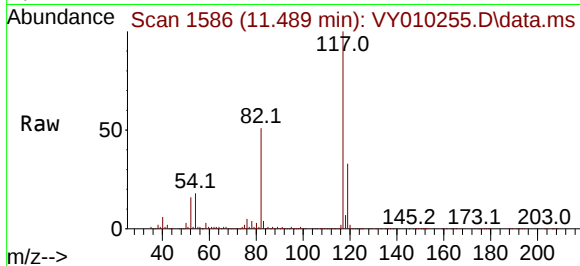




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010255.D
Acq: 31 Aug 2022 19:01

Instrument :
MSVOA_Y
ClientSampleId :
CRUSHED-MASONARY-PILE-3

Tgt Ion:117 Resp: 254682
Ion Ratio Lower Upper
117 100
82 50.8 43.0 64.4
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.001 min
Lab File: VY010255.D
Acq: 31 Aug 2022 19:01

Tgt Ion:152 Resp: 130767
Ion Ratio Lower Upper
152 100
115 55.3 28.2 84.7
150 159.1 0.0 347.6

