

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083122\
 Data File : VY010256.D
 Acq On : 31 Aug 2022 19:25
 Operator : KP/MD
 Sample : N4431-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CRUSHED-MASONARY-PILE-4

Quant Time: Aug 31 23:42:45 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)

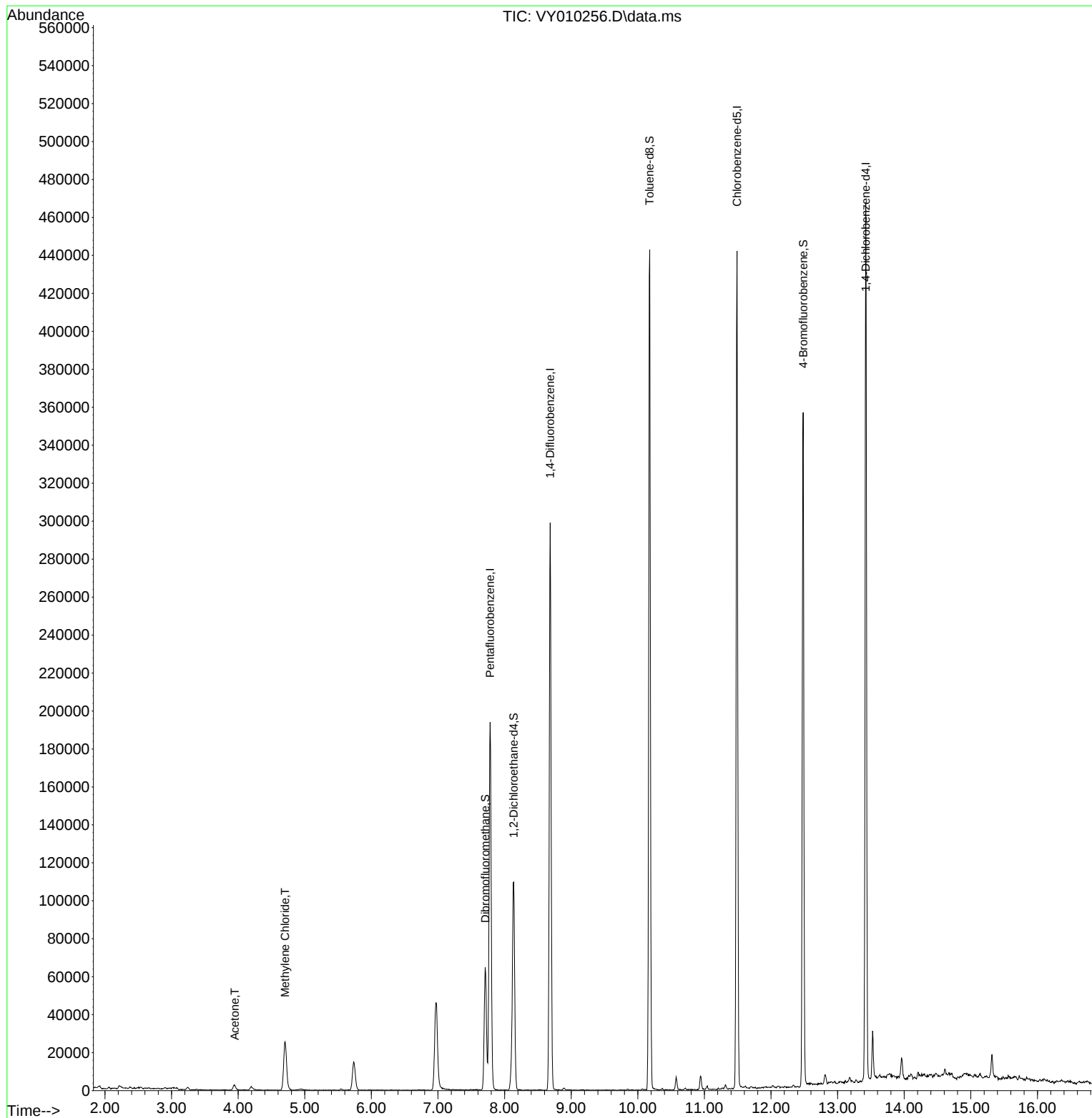
Internal Standards						
1) Pentafluorobenzene	7.783	168	159814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	261544	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	252946	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	127707	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	83880	62.249	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.500%
35) Dibromofluoromethane	7.710	113	46360	32.025	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	64.040%
50) Toluene-d8	10.179	98	301143	53.893	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.780%
62) 4-Bromofluorobenzene	12.483	95	109117	52.365	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.720%
Target Compounds						
						Qvalue
16) Acetone	3.948	43	5234	18.500	ug/l	99
20) Methylene Chloride	4.704	84	19797	11.884	ug/l #	82

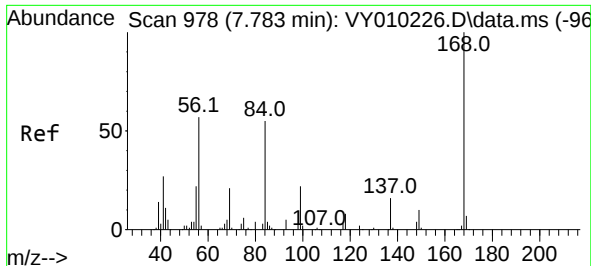
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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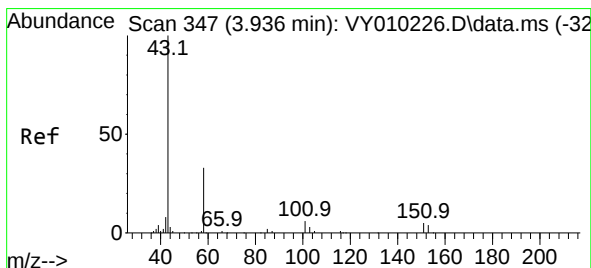
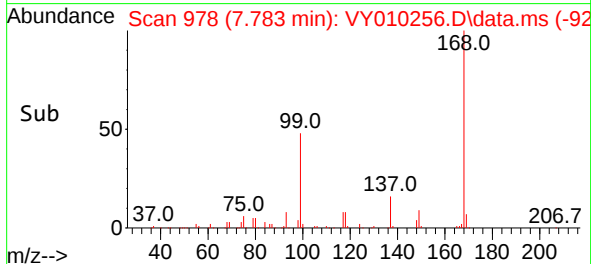
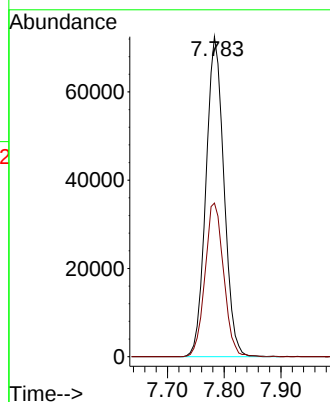
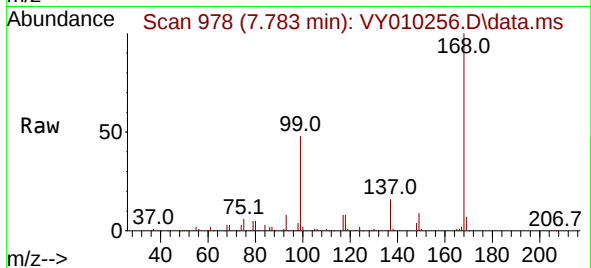




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010256.D
Acq: 31 Aug 2022 19:25

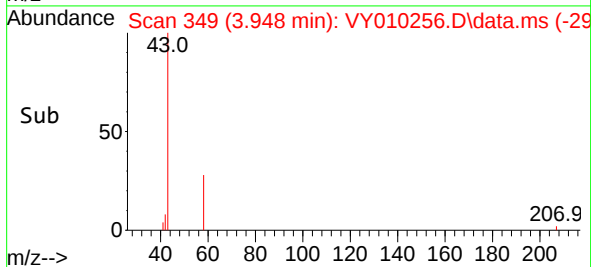
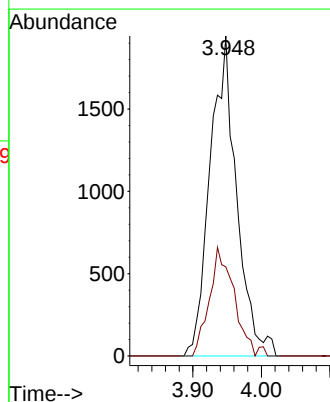
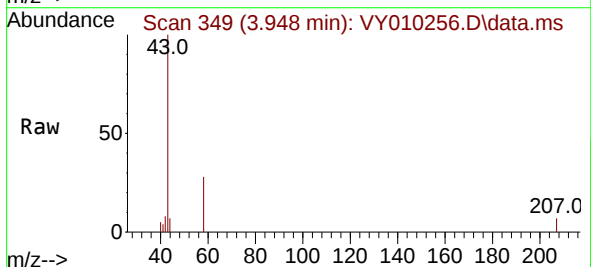
Instrument :
MSVOA_Y
ClientSampleId :
CRUSHED-MASONARY-PILE-4

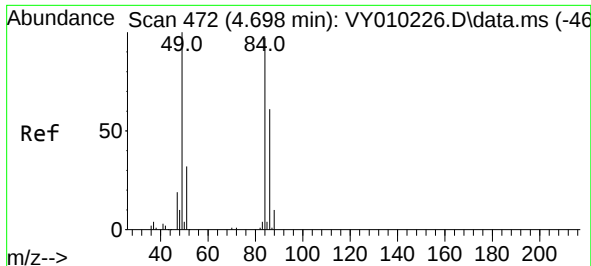
Tgt Ion:168 Resp: 159814
Ion Ratio Lower Upper
168 100
99 48.0 46.9 70.3



#16
Acetone
Concen: 18.500 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY010256.D
Acq: 31 Aug 2022 19:25

Tgt Ion: 43 Resp: 5234
Ion Ratio Lower Upper
43 100
58 27.9 22.0 33.0

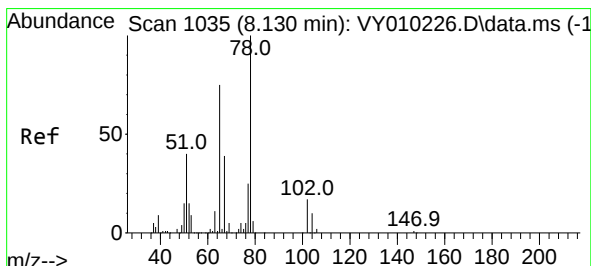
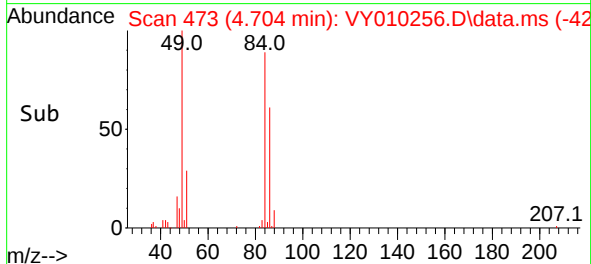
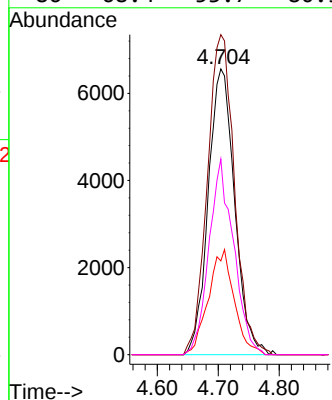
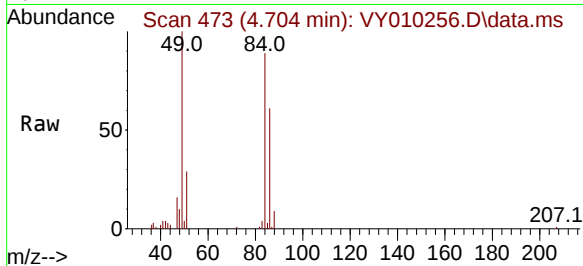




#20
Methylene Chloride
Concen: 11.884 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY010256.D
Acq: 31 Aug 2022 19:25

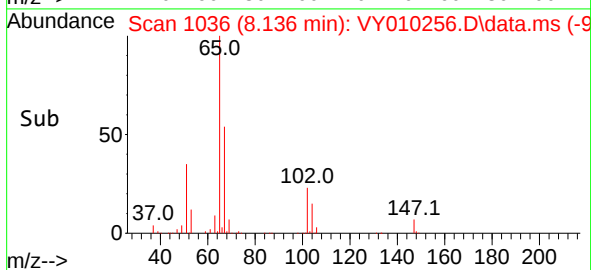
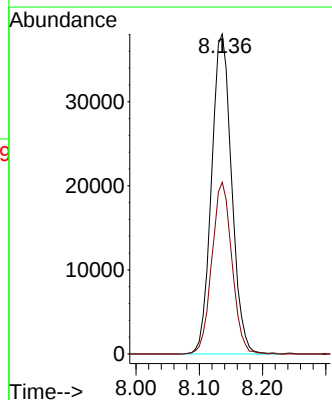
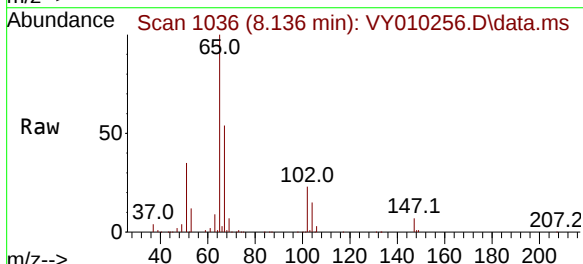
Instrument :
MSVOA_Y
ClientSampleId :
CRUSHED-MASONARY-PILE-4

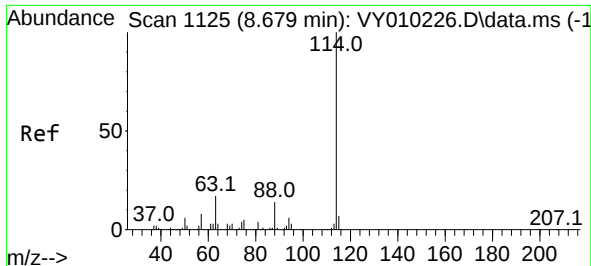
Tgt Ion: 84 Resp: 19797
Ion Ratio Lower Upper
84 100
49 112.0 114.4 171.6#
51 32.8 35.3 52.9#
86 68.4 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 62.249 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY010256.D
Acq: 31 Aug 2022 19:25

Tgt Ion: 65 Resp: 83880
Ion Ratio Lower Upper
65 100
67 53.5 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: VY010256.D

Acq: 31 Aug 2022 19:25

Instrument :

MSVOA_Y

ClientSampleId :

CRUSHED-MASONARY-PILE-4

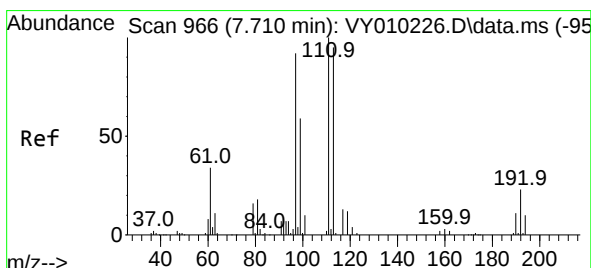
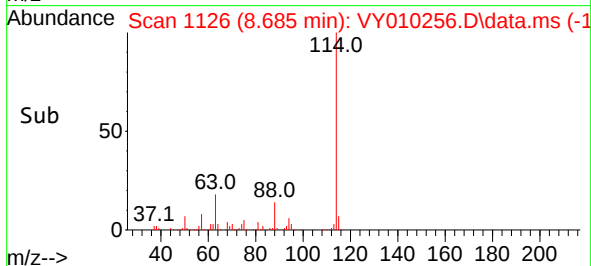
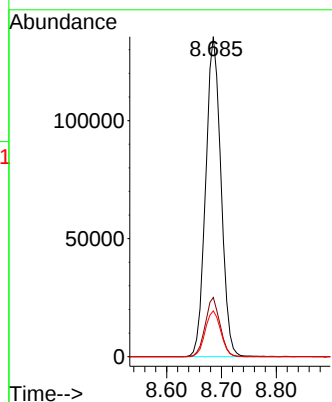
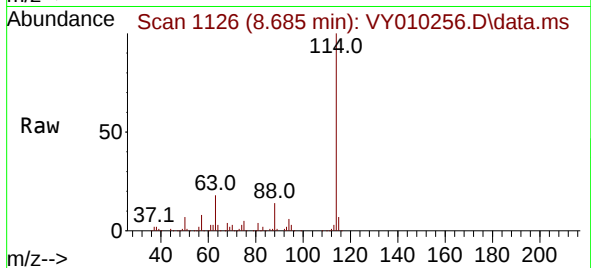
Tgt Ion:114 Resp: 261544

Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 14.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 32.025 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010256.D

Acq: 31 Aug 2022 19:25

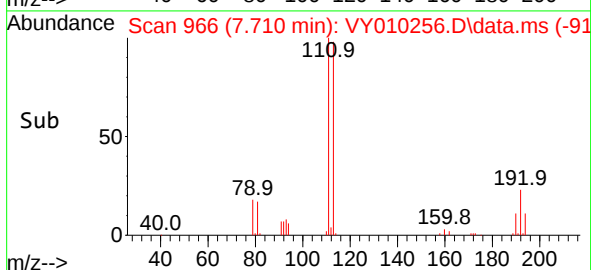
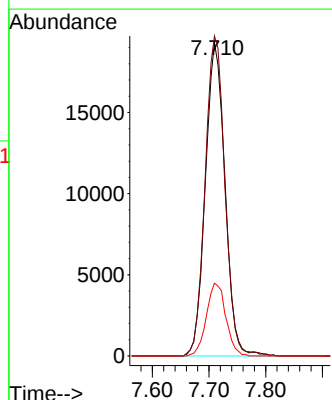
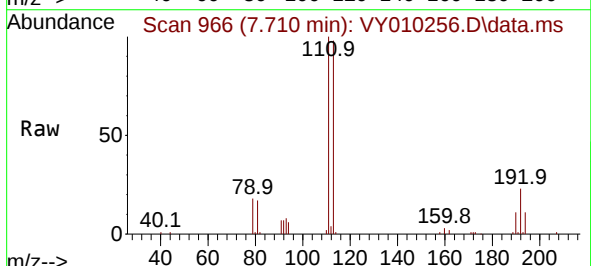
Tgt Ion:113 Resp: 46360

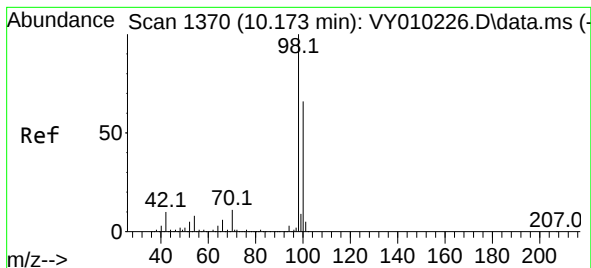
Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

192 23.0 17.6 26.4

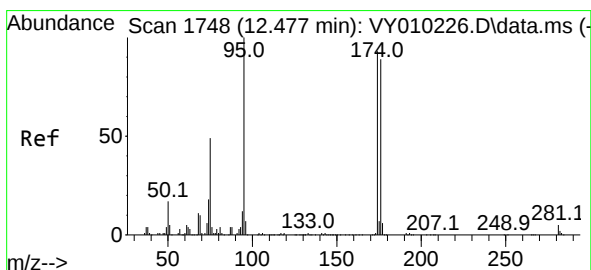
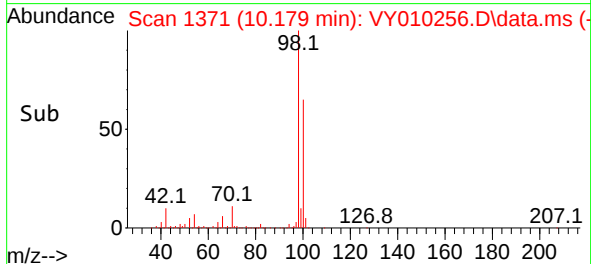
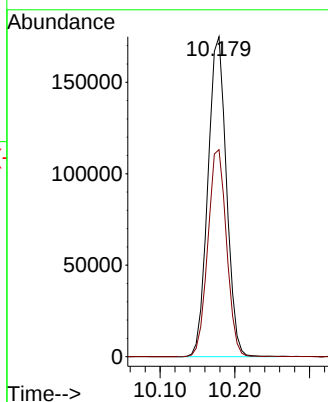
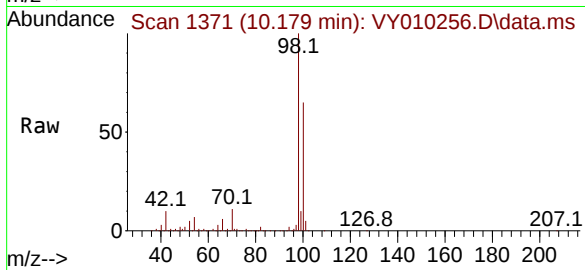




#50
Toluene-d8
Concen: 53.893 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010256.D
Acq: 31 Aug 2022 19:25

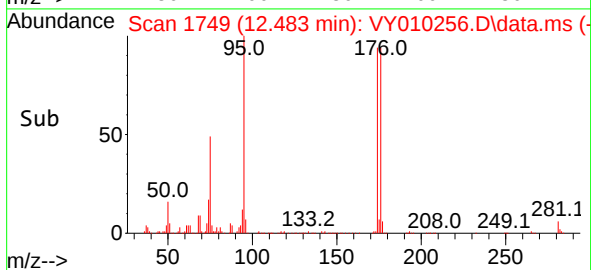
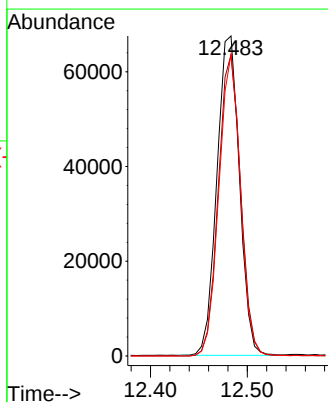
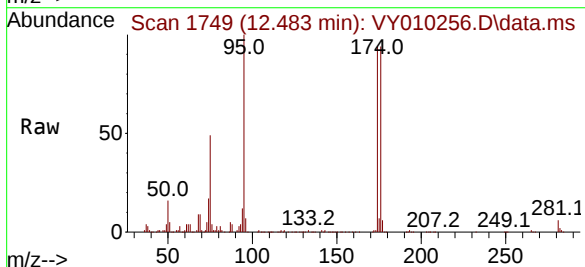
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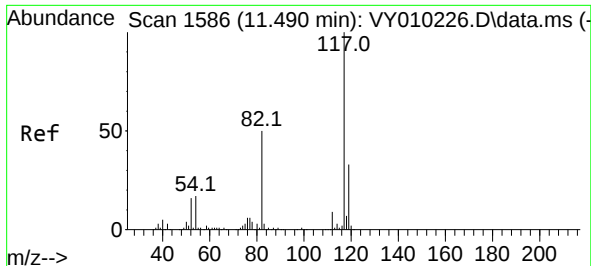
Tgt Ion: 98 Resp: 301143
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 52.365 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010256.D
Acq: 31 Aug 2022 19:25

Tgt Ion: 95 Resp: 109117
Ion Ratio Lower Upper
95 100
174 92.9 0.0 177.0
176 90.2 0.0 175.8

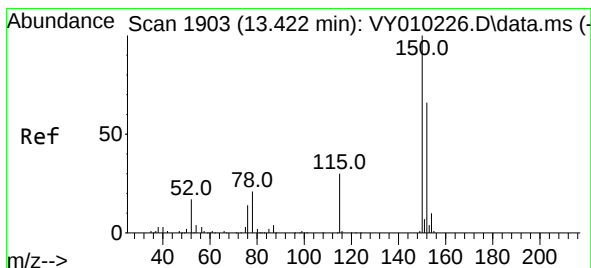
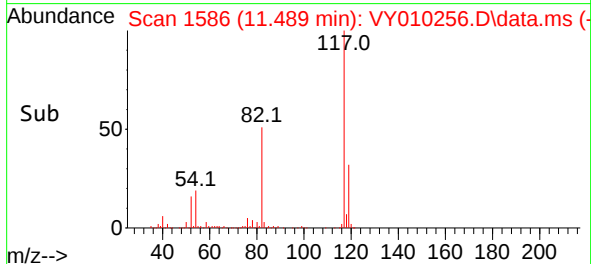
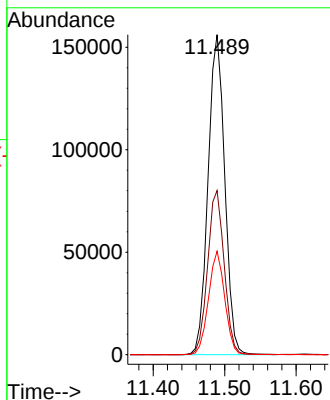
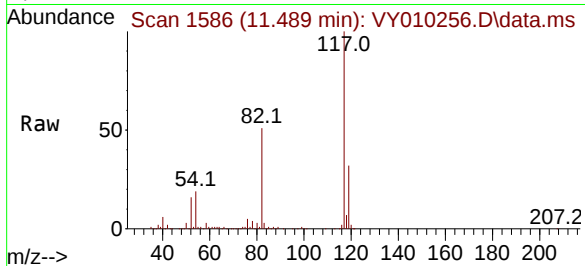




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010256.D
Acq: 31 Aug 2022 19:25

Instrument :
MSVOA_Y
ClientSampleId :
CRUSHED-MASONARY-PILE-4

Tgt Ion:117 Resp: 252946
Ion Ratio Lower Upper
117 100
82 51.3 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. -0.000 min
Lab File: VY010256.D
Acq: 31 Aug 2022 19:25

Tgt Ion:152 Resp: 127707
Ion Ratio Lower Upper
152 100
115 54.8 28.2 84.7
150 155.5 0.0 347.6

