

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112223\
 Data File : VY016456.D
 Acq On : 22 Nov 2023 12:49
 Operator : SY/MD
 Sample : 05485-01
 Misc : 4.76g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AU-14-STOCKPILE-BIN-5

Quant Time: Nov 23 04:22:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

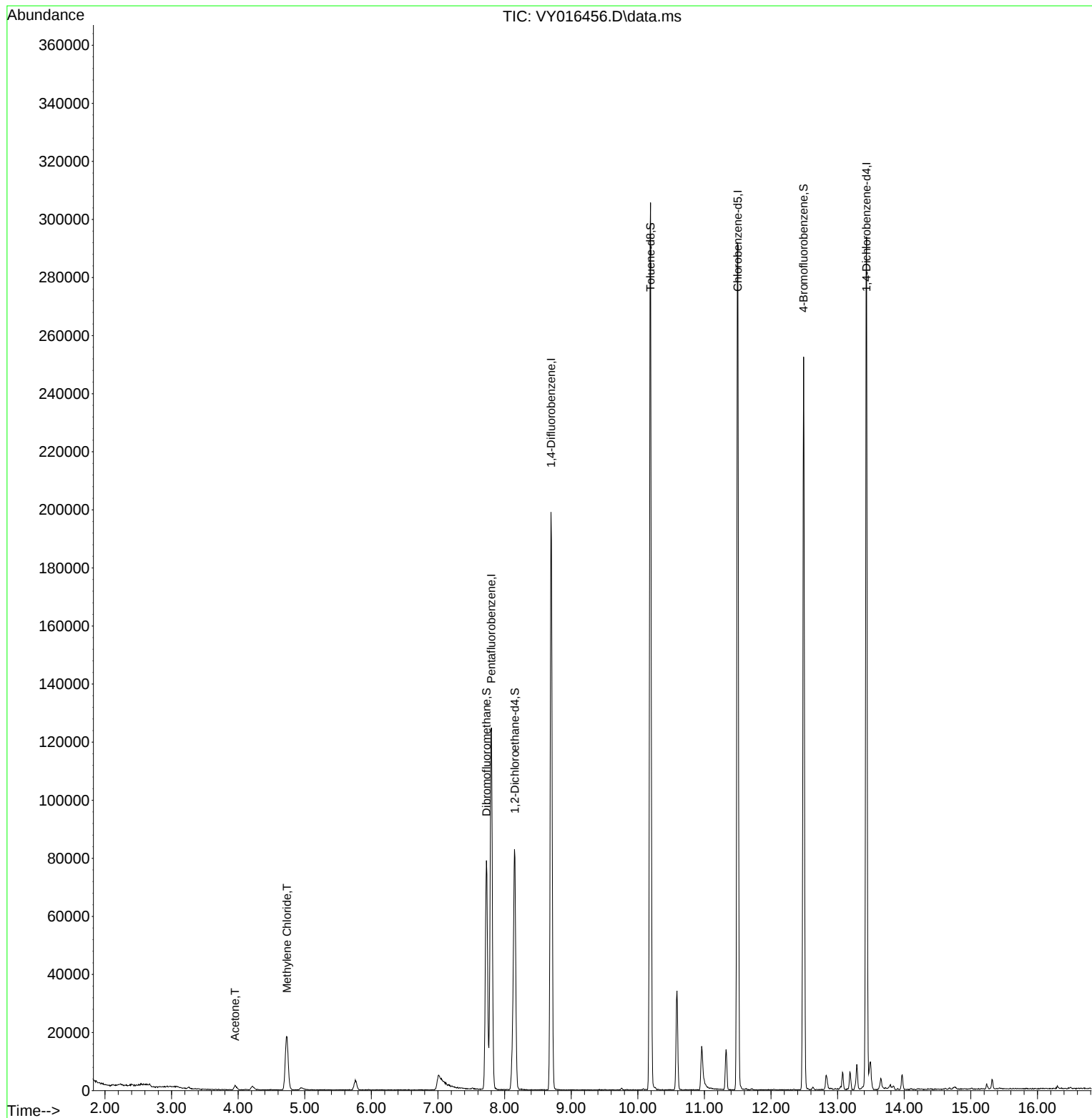
Internal Standards						
1) Pentafluorobenzene	7.801	168	103828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	181875	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	175371	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	81322	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	61384	64.686	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.380%
35) Dibromofluoromethane	7.728	113	57567	55.719	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.440%
50) Toluene-d8	10.191	98	209502	50.004	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.000%
62) 4-Bromofluorobenzene	12.489	95	74497	54.747	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	109.500%
Target Compounds						Qvalue
16) Acetone	3.954	43	2381	15.169	ug/l #	88
20) Methylene Chloride	4.734	84	15828	11.601	ug/l #	82

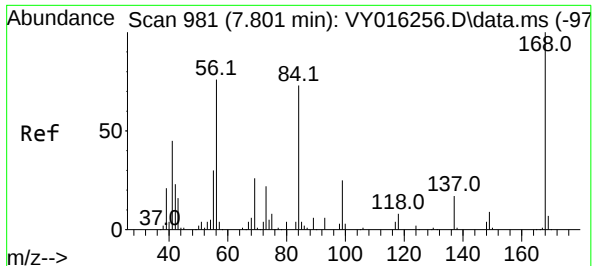
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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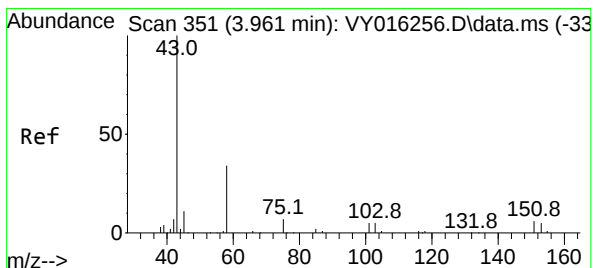
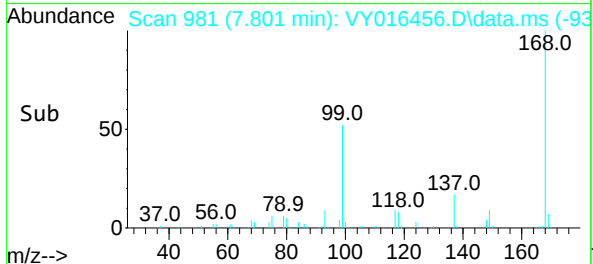
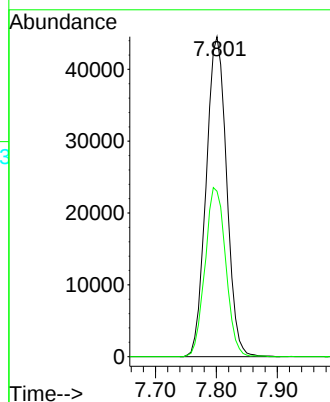
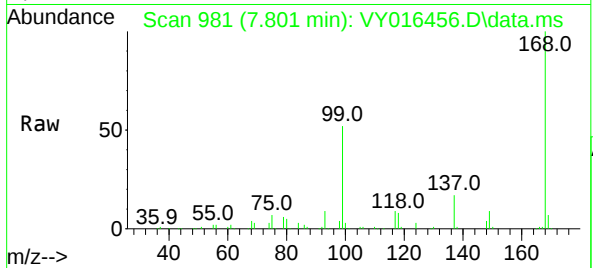




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016456.D
Acq: 22 Nov 2023 12:49

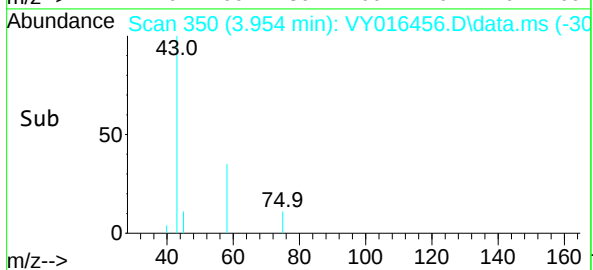
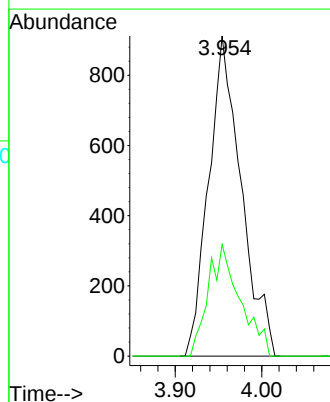
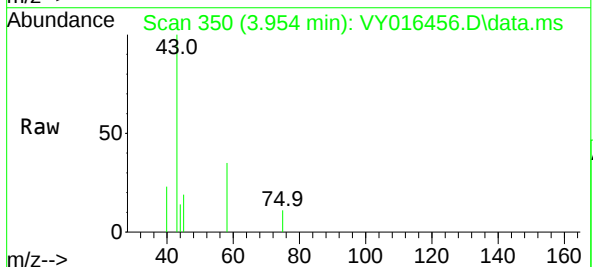
Instrument :
MSVOA_Y
ClientSampleId :
AU-14-STOCKPILE-BIN-5

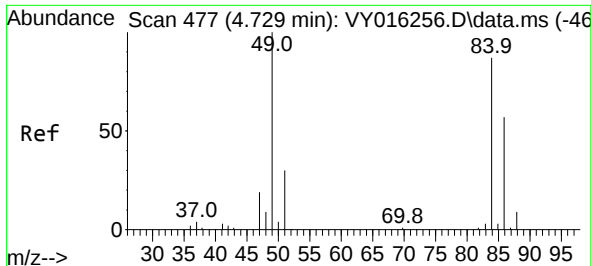
Tgt Ion:168 Resp: 103828
Ion Ratio Lower Upper
168 100
99 51.7 43.4 65.0



#16
Acetone
Concen: 15.169 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016456.D
Acq: 22 Nov 2023 12:49

Tgt Ion: 43 Resp: 2381
Ion Ratio Lower Upper
43 100
58 34.9 22.7 34.1#

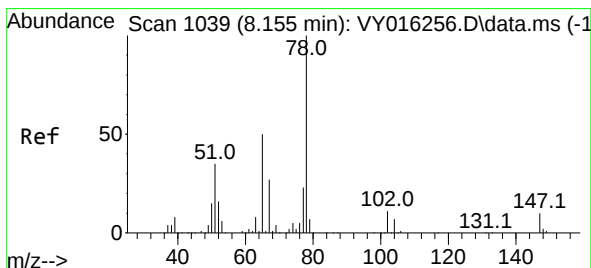
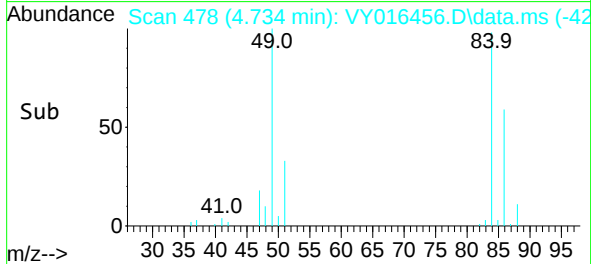
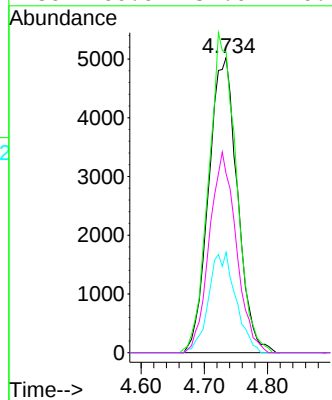
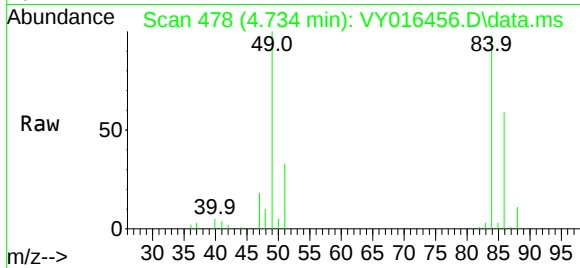




#20
Methylene Chloride
Concen: 11.601 ug/l
RT: 4.734 min Scan# 41
Delta R.T. 0.005 min
Lab File: VY016456.D
Acq: 22 Nov 2023 12:49

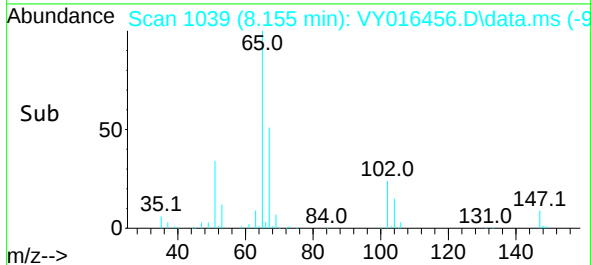
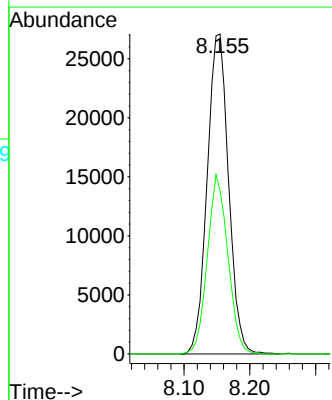
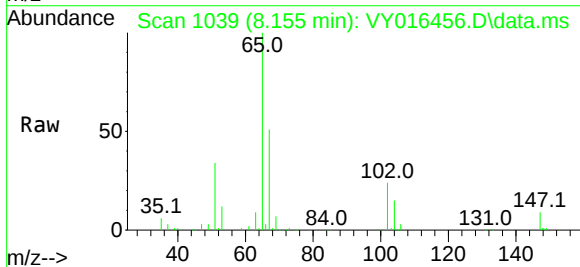
Instrument :
MSVOA_Y
ClientSampleId :
AU-14-STOCKPILE-BIN-5

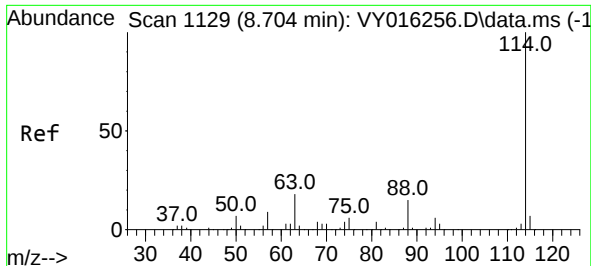
Tgt Ion:	84	Resp:	15828
Ion	Ratio	Lower	Upper
84	100		
49	101.9	106.9	160.3#
51	34.0	33.2	49.8
86	60.6	51.0	76.6



#33
1,2-Dichloroethane-d4
Concen: 64.686 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016456.D
Acq: 22 Nov 2023 12:49

Tgt Ion:	65	Resp:	61384
Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016456.D

Acq: 22 Nov 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

AU-14-STOCKPILE-BIN-5

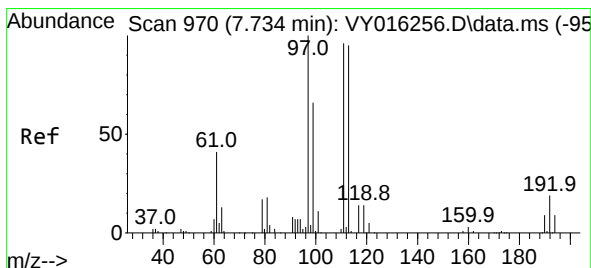
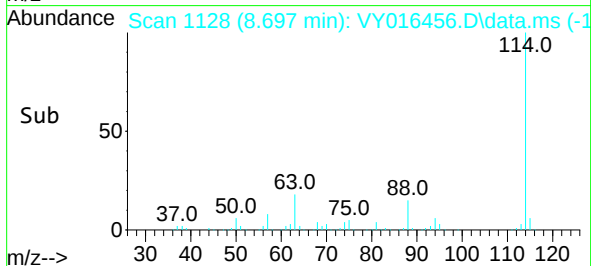
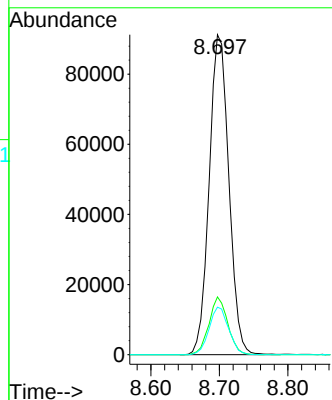
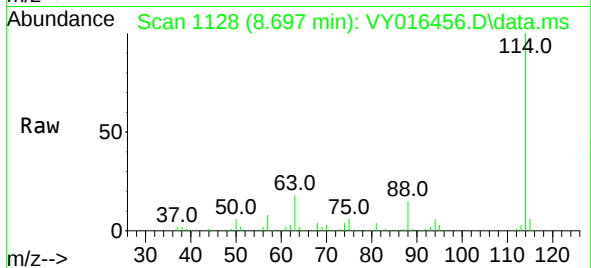
Tgt Ion:114 Resp: 181875

Ion Ratio Lower Upper

114 100

63 18.0 0.0 42.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.719 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY016456.D

Acq: 22 Nov 2023 12:49

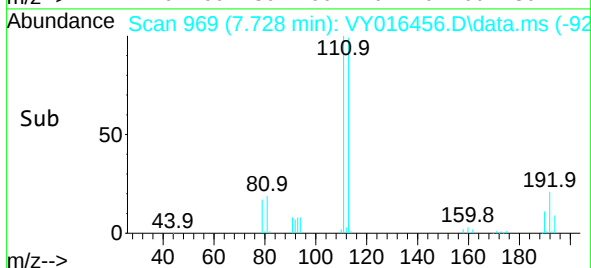
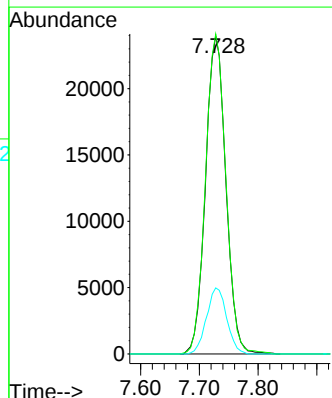
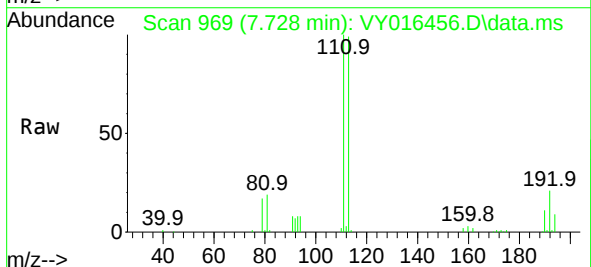
Tgt Ion:113 Resp: 57567

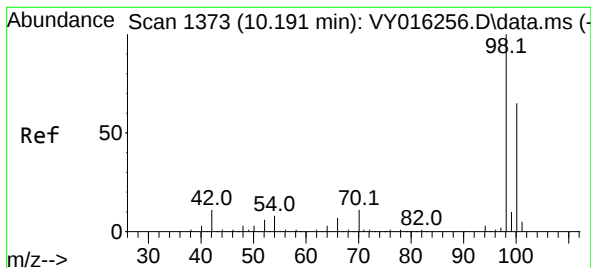
Ion Ratio Lower Upper

113 100

111 101.0 81.3 121.9

192 20.6 16.9 25.3

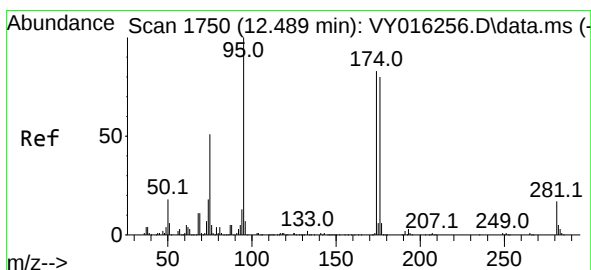
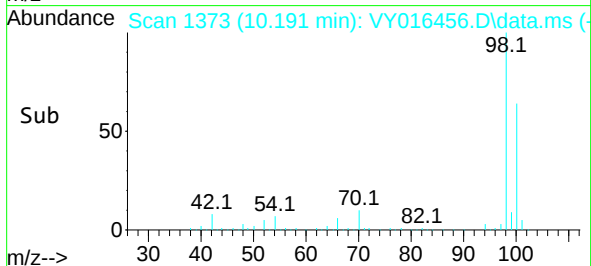
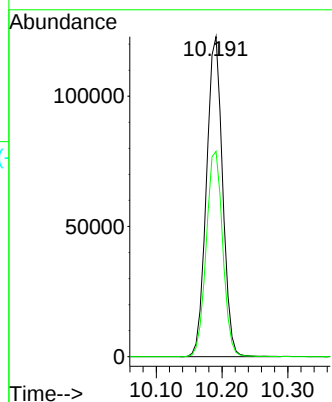
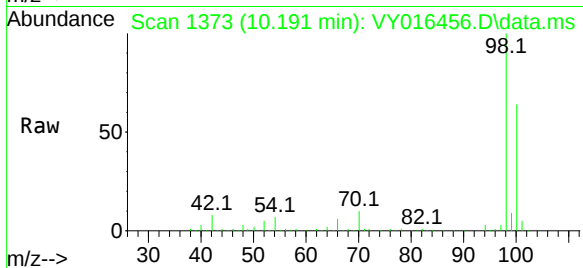




#50
Toluene-d8
Concen: 50.004 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016456.D
Acq: 22 Nov 2023 12:49

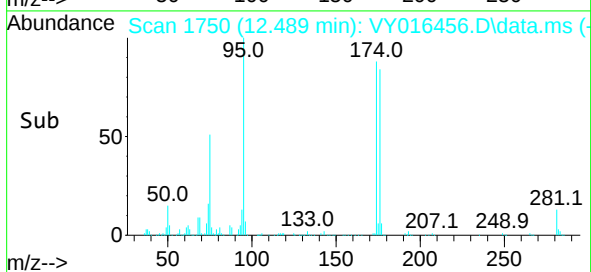
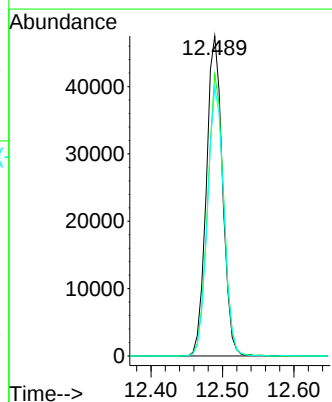
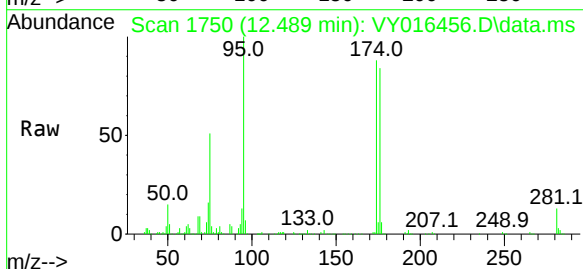
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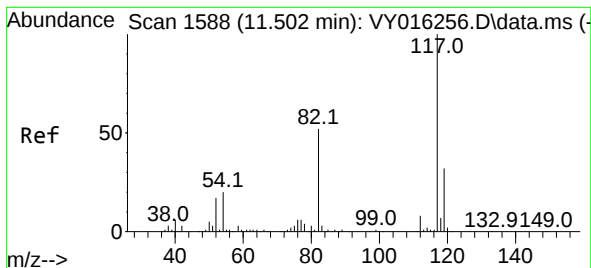
Tgt Ion: 98 Resp: 209502
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 54.747 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016456.D
Acq: 22 Nov 2023 12:49

Tgt Ion: 95 Resp: 74497
Ion Ratio Lower Upper
95 100
174 87.9 0.0 178.2
176 84.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016456.D

Acq: 22 Nov 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

AU-14-STOCKPILE-BIN-5

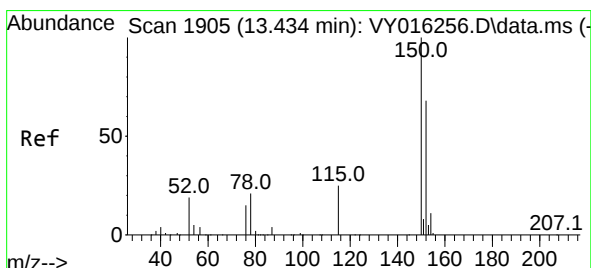
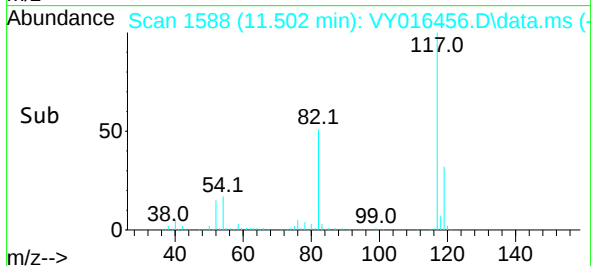
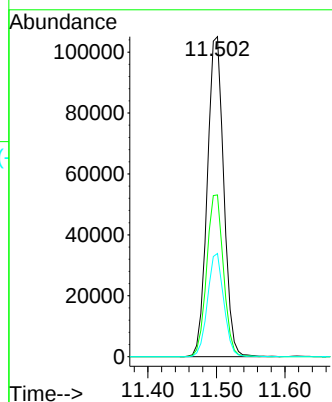
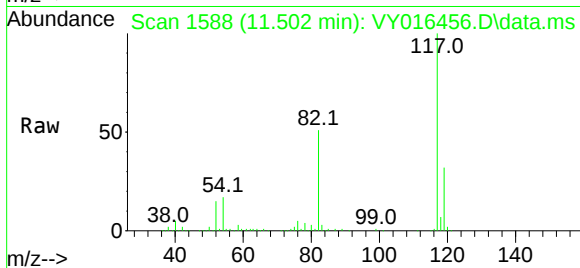
Tgt Ion:117 Resp: 175371

Ion Ratio Lower Upper

117 100

82 50.6 43.4 65.0

119 32.2 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY016456.D

Acq: 22 Nov 2023 12:49

Tgt Ion:152 Resp: 81322

Ion Ratio Lower Upper

152 100

115 56.8 28.8 86.5

150 157.5 0.0 348.8

