

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112123\
 Data File : VY016445.D
 Acq On : 21 Nov 2023 18:08
 Operator : SY/MD
 Sample : 05485-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Nov 22 01:20:45 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)

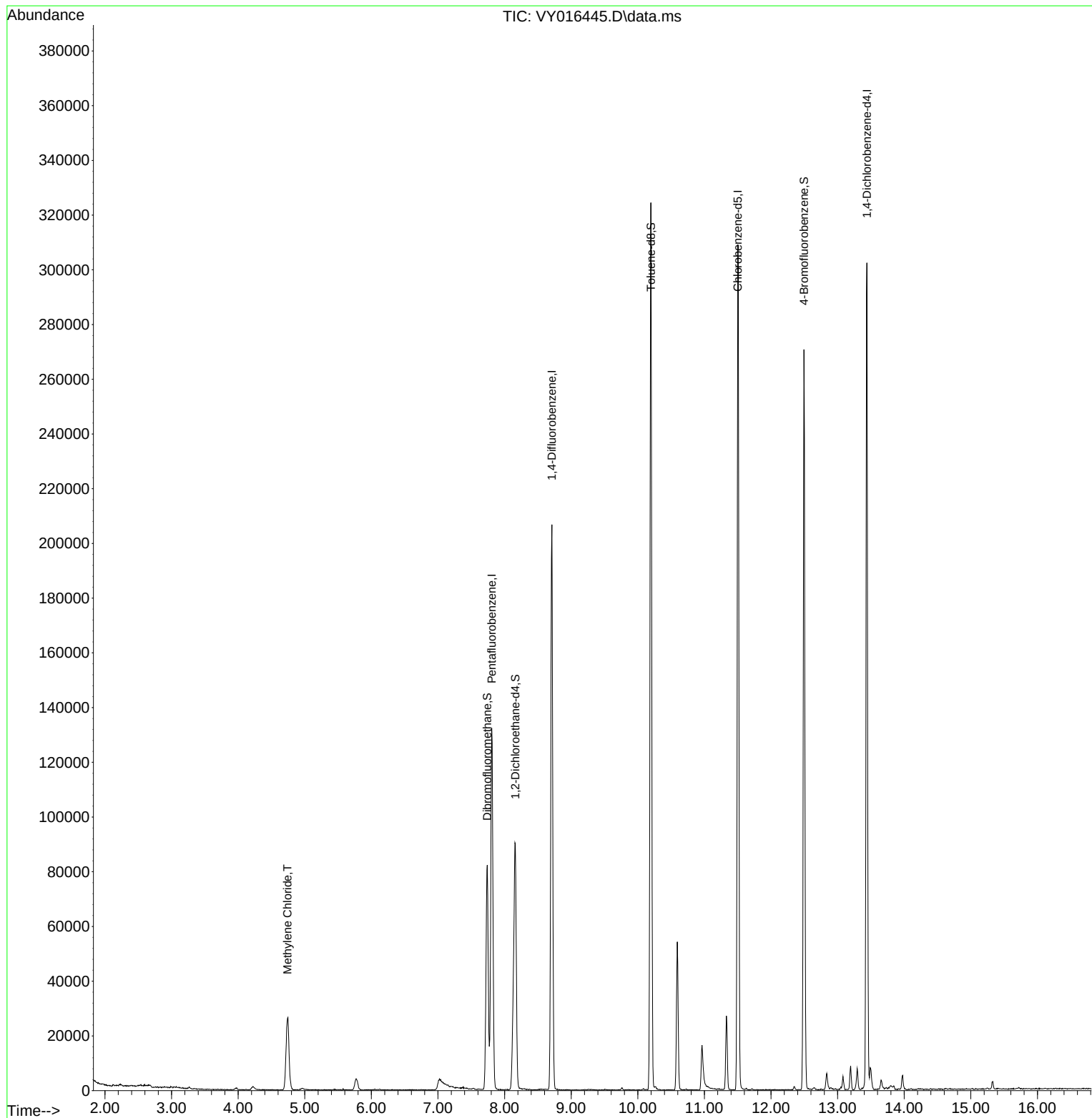
Internal Standards						
1) Pentafluorobenzene	7.807	168	107458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	186684	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	181634	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	81903	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.160	65	63032	64.179	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.360%
35) Dibromofluoromethane	7.740	113	59406	56.018	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.040%
50) Toluene-d8	10.197	98	217276	50.524	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.040%
62) 4-Bromofluorobenzene	12.495	95	77252	55.309	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	110.620%
Target Compounds						
20) Methylene Chloride	4.740	84	22360	17.200	ug/l	Qvalue # 83

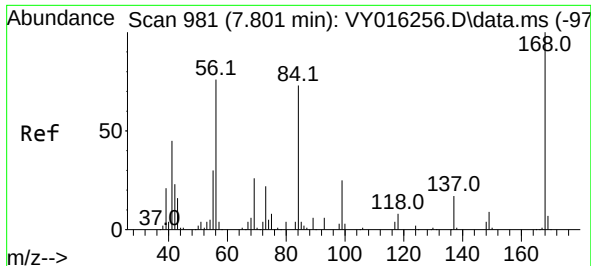
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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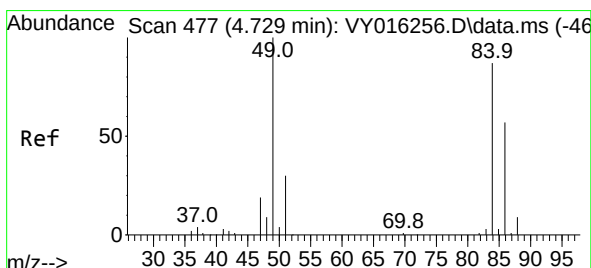
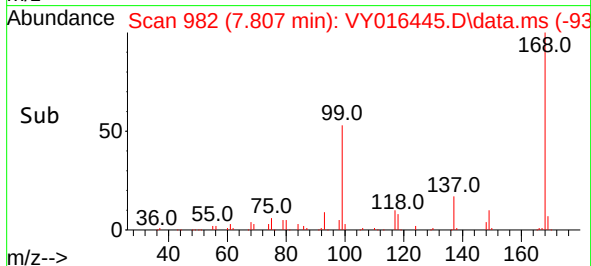
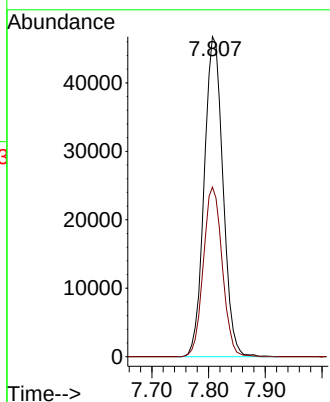
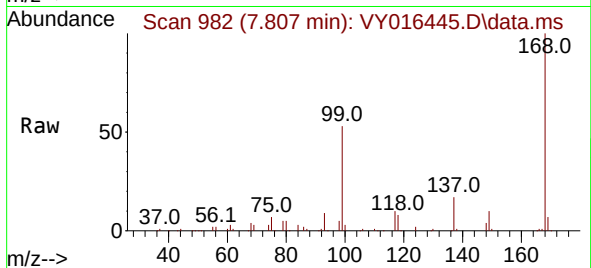




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016445.D
Acq: 21 Nov 2023 18:08

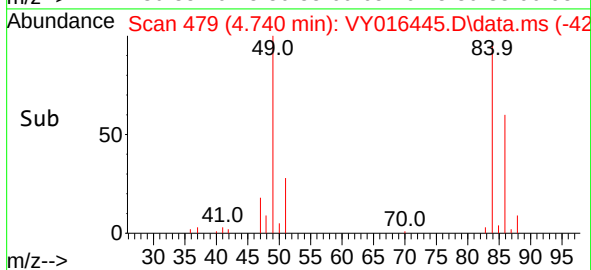
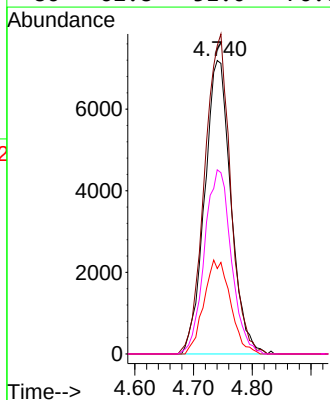
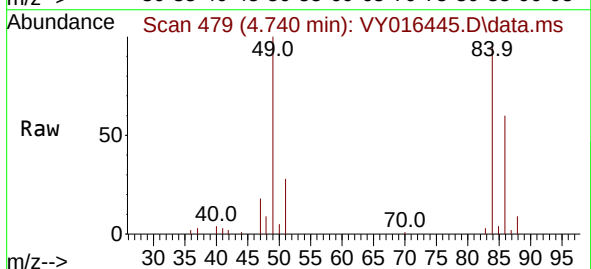
Instrument :
MSVOA_Y
ClientSampleId :
AU-14-STOCKPILE-BIN-5

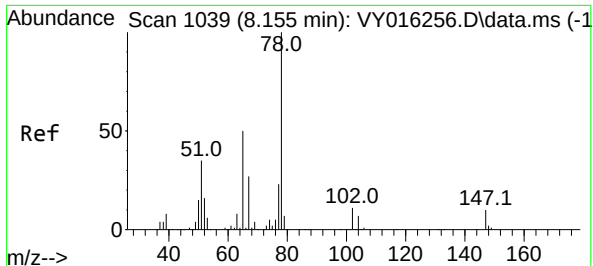
Tgt Ion:168 Resp: 107458
Ion Ratio Lower Upper
168 100
99 53.0 43.4 65.0



#20
Methylene Chloride
Concen: 17.200 ug/l
RT: 4.740 min Scan# 479
Delta R.T. 0.011 min
Lab File: VY016445.D
Acq: 21 Nov 2023 18:08

Tgt Ion: 84 Resp: 22360
Ion Ratio Lower Upper
84 100
49 105.0 106.9 160.3#
51 29.1 33.2 49.8#
86 62.8 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 64.179 ug/l

RT: 8.160 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY016445.D

Acq: 21 Nov 2023 18:08

Instrument :

MSVOA_Y

ClientSampleId :

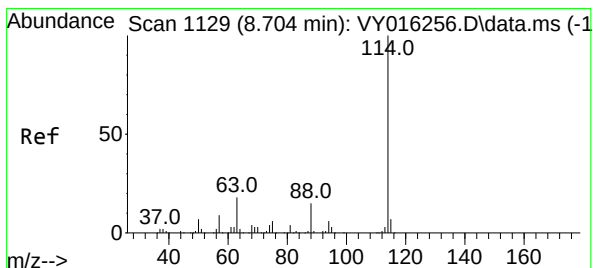
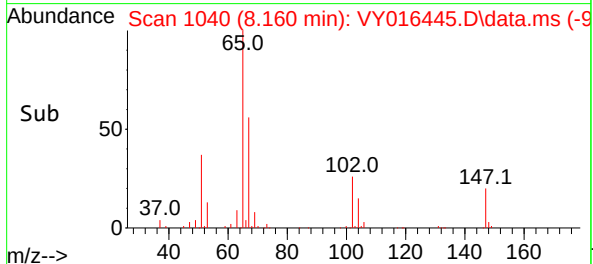
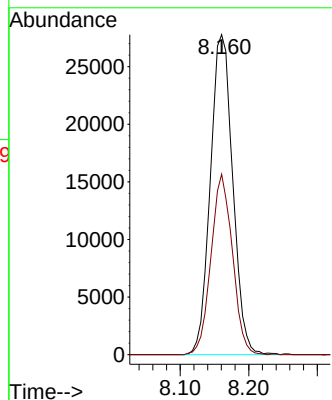
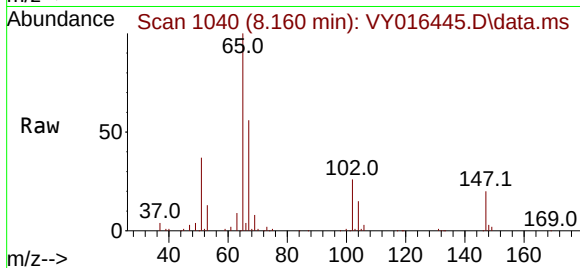
AU-14-STOCKPILE-BIN-5

Tgt Ion: 65 Resp: 63032

Ion Ratio Lower Upper

65 100

67 53.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY016445.D

Acq: 21 Nov 2023 18:08

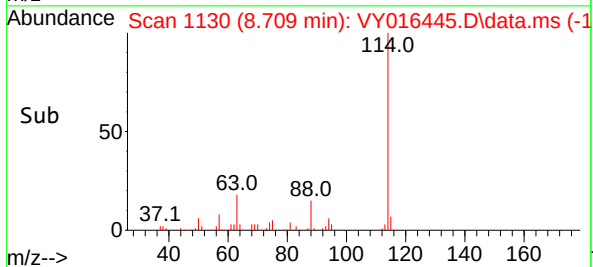
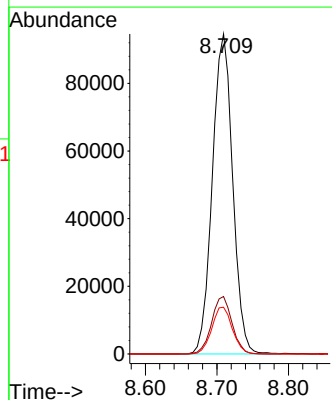
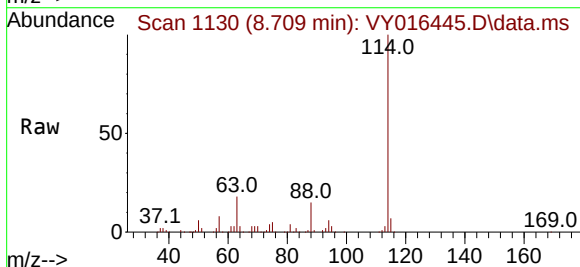
Tgt Ion: 114 Resp: 186684

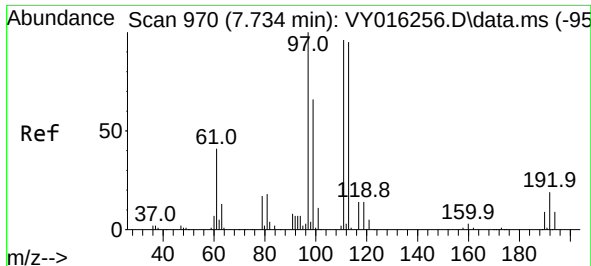
Ion Ratio Lower Upper

114 100

63 18.0 0.0 42.4

88 14.6 0.0 30.6

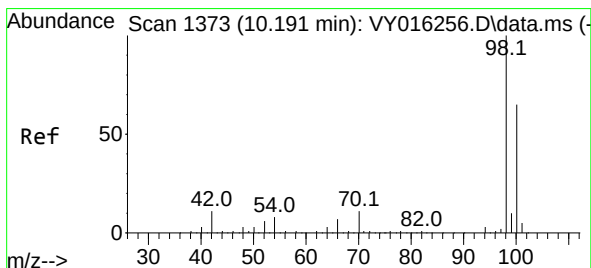
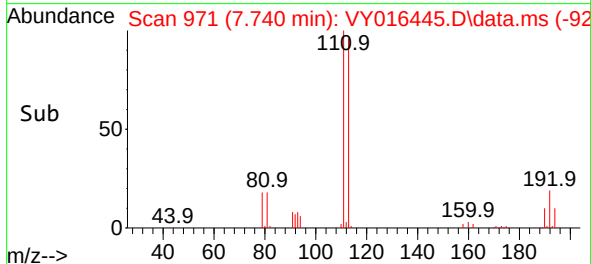
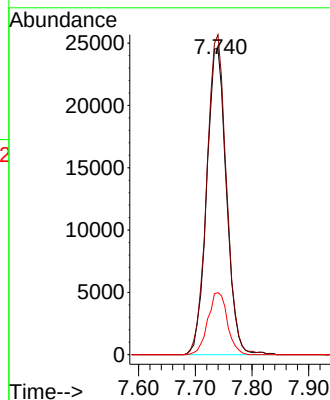
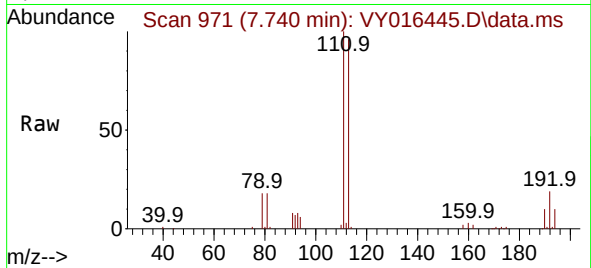




#35
Dibromofluoromethane
Concen: 56.018 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016445.D
Acq: 21 Nov 2023 18:08

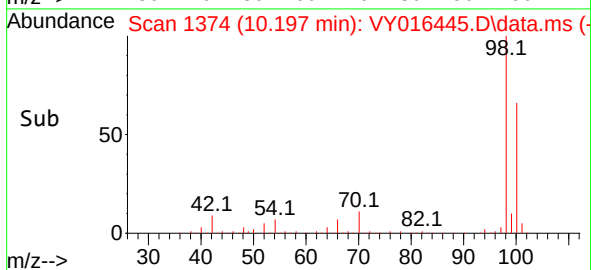
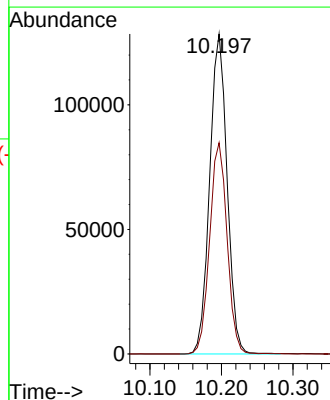
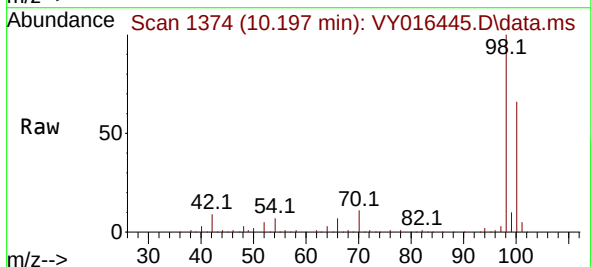
Instrument :
MSVOA_Y
ClientSampleId :
AU-14-STOCKPILE-BIN-5

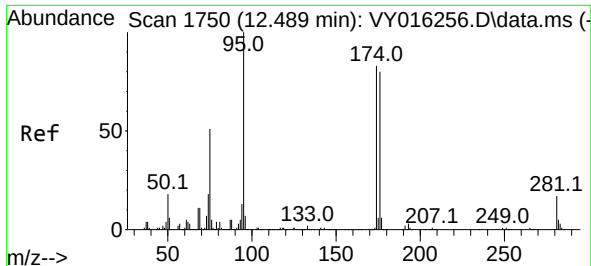
Tgt Ion:113 Resp: 59406
Ion Ratio Lower Upper
113 100
111 104.0 81.3 121.9
192 20.0 16.9 25.3



#50
Toluene-d8
Concen: 50.524 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY016445.D
Acq: 21 Nov 2023 18:08

Tgt Ion: 98 Resp: 217276
Ion Ratio Lower Upper
98 100
100 66.1 50.1 75.1

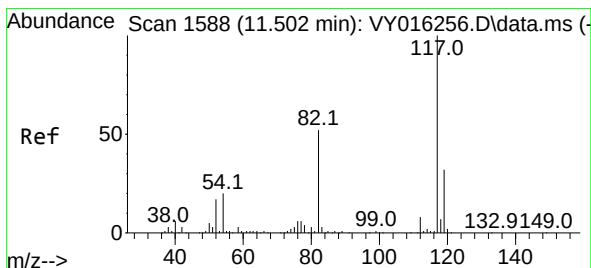
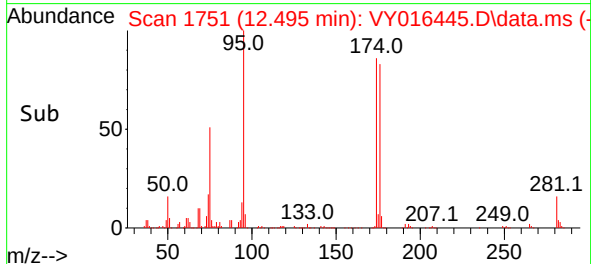
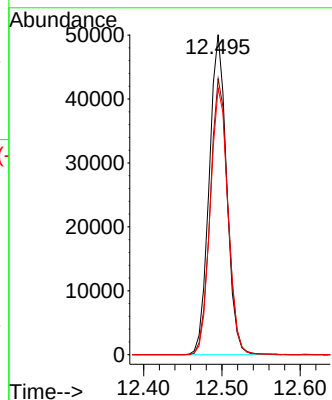
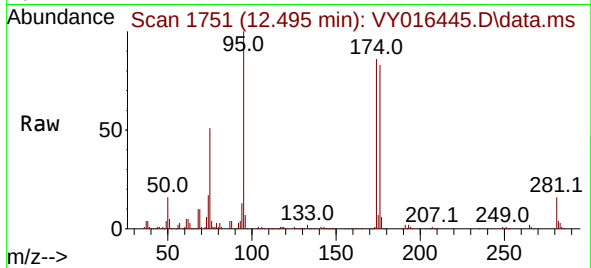




#62
4-Bromofluorobenzene
Concen: 55.309 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016445.D
Acq: 21 Nov 2023 18:08

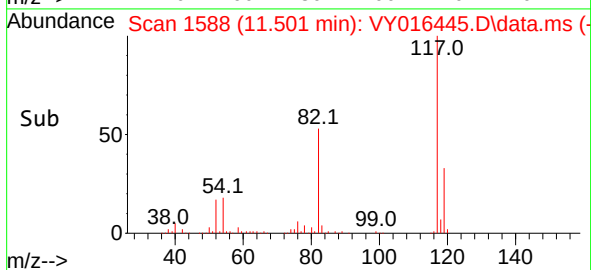
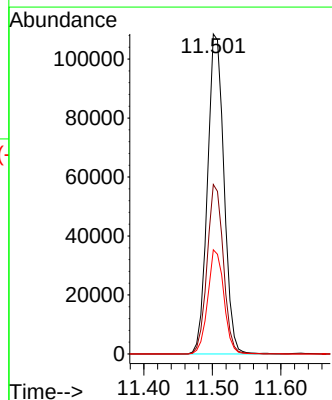
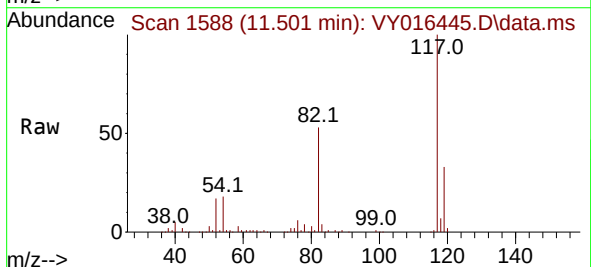
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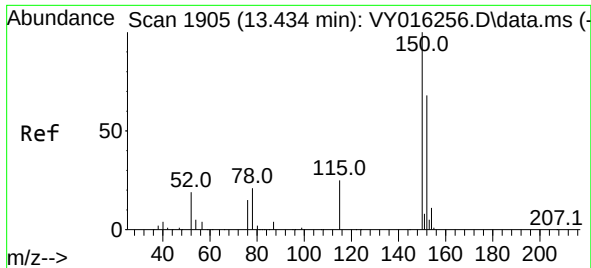
Tgt Ion: 95 Resp: 77252
Ion Ratio Lower Upper
95 100
174 87.3 0.0 178.2
176 84.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016445.D
Acq: 21 Nov 2023 18:08

Tgt Ion: 117 Resp: 181634
Ion Ratio Lower Upper
117 100
82 53.0 43.4 65.0
119 32.6 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016445.D

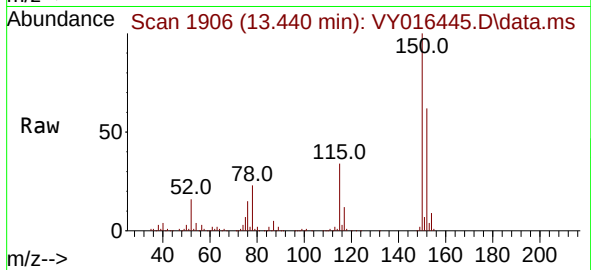
Acq: 21 Nov 2023 18:08

Instrument :

MSVOA_Y

ClientSampleId :

AU-14-STOCKPILE-BIN-5



Tgt Ion:152 Resp: 81903

Ion Ratio Lower Upper

152 100

115 57.2 28.8 86.5

150 159.1 0.0 348.8

