

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112223\
 Data File : VY016470.D
 Acq On : 22 Nov 2023 18:18
 Operator : SY/MD
 Sample : 05492-03RE
 Misc : 4.21g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-13-VOCRE

Quant Time: Nov 23 04:09:38 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)

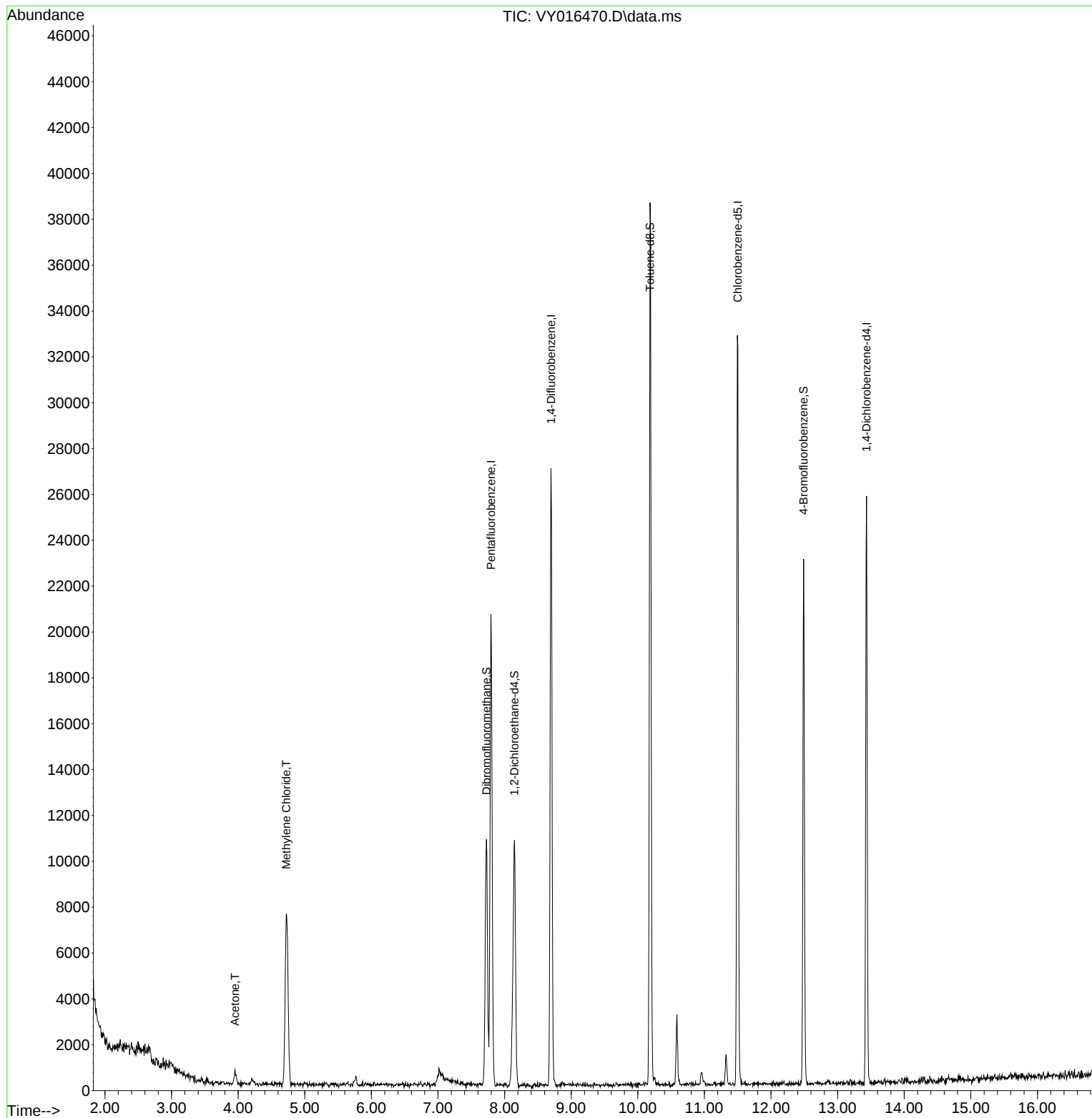
Internal Standards						
1) Pentafluorobenzene	7.795	168	16629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	24873	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	20553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	7335	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	7716	50.769	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.540%	
35) Dibromofluoromethane	7.728	113	8252	58.403	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.800%	
50) Toluene-d8	10.185	98	28330	49.443	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.880%	
62) 4-Bromofluorobenzene	12.489	95	7193	38.652	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 77.300%	
Target Compounds						Qvalue
16) Acetone	3.954	43	934	37.152	ug/l	92
20) Methylene Chloride	4.722	84	6657	36.547	ug/l #	76

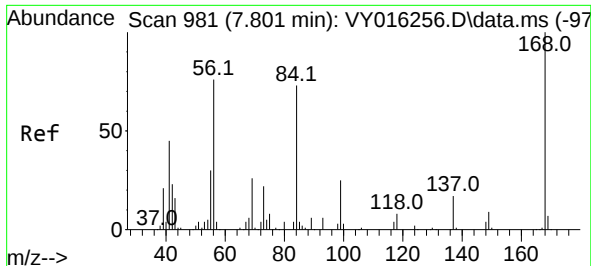
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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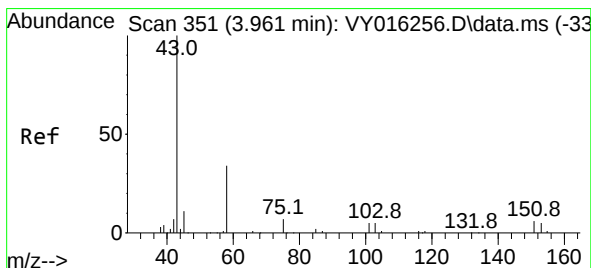
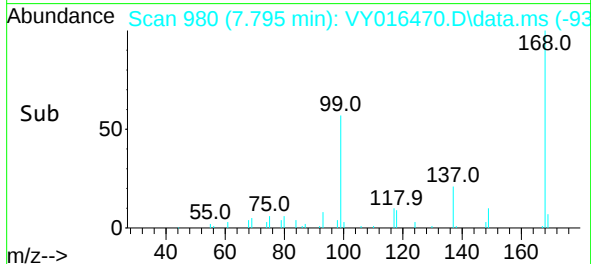
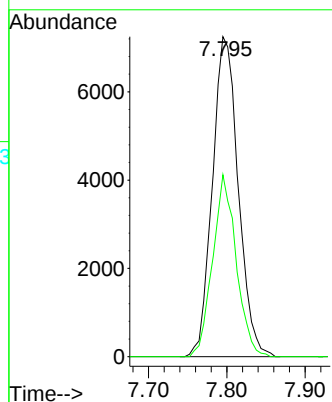
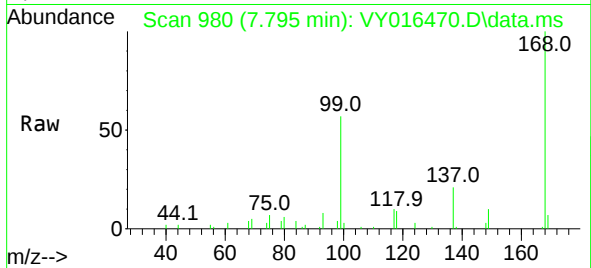




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016470.D
Acq: 22 Nov 2023 18:18

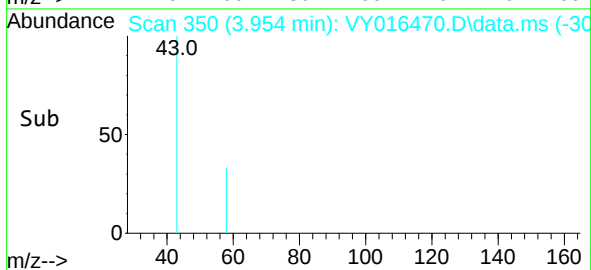
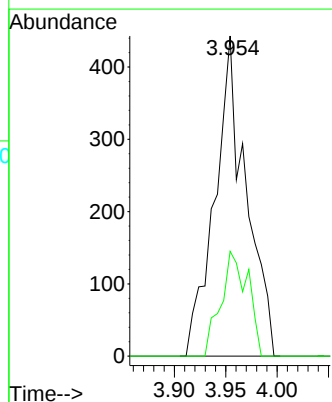
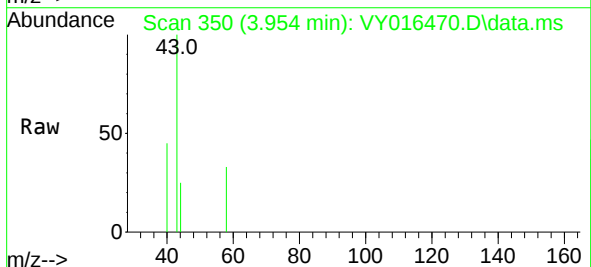
Instrument :
MSVOA_Y
ClientSampleId :
TP-13-VOCRE

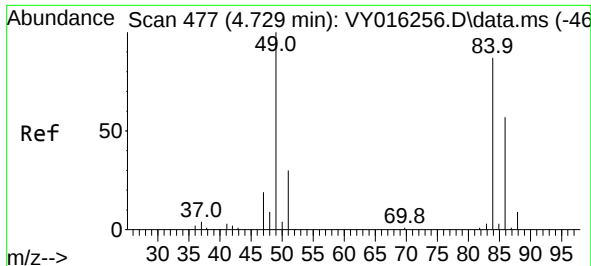
Tgt Ion:168 Resp: 16629
Ion Ratio Lower Upper
168 100
99 56.8 43.4 65.0



#16
Acetone
Concen: 37.152 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016470.D
Acq: 22 Nov 2023 18:18

Tgt Ion: 43 Resp: 934
Ion Ratio Lower Upper
43 100
58 32.7 22.7 34.1



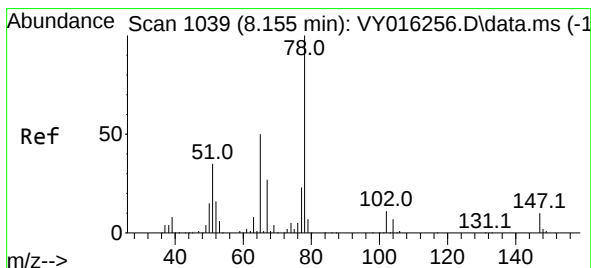
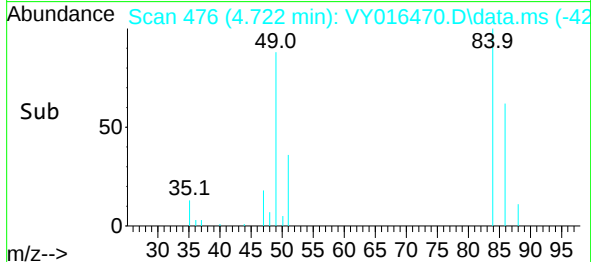
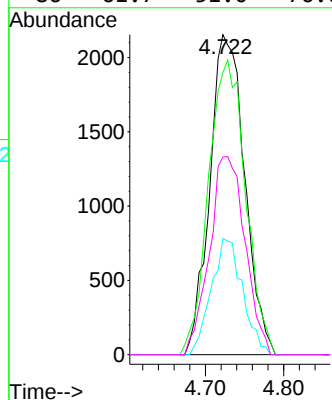
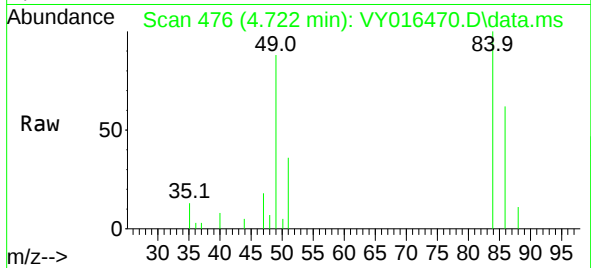


#20
Methylene Chloride
Concen: 36.547 ug/l
RT: 4.722 min Scan# 41
Delta R.T. -0.007 min
Lab File: VY016470.D
Acq: 22 Nov 2023 18:18

Instrument :
MSVOA_Y
ClientSampleId :
TP-13-VOCRE

Tgt Ion: 84 Resp: 6657

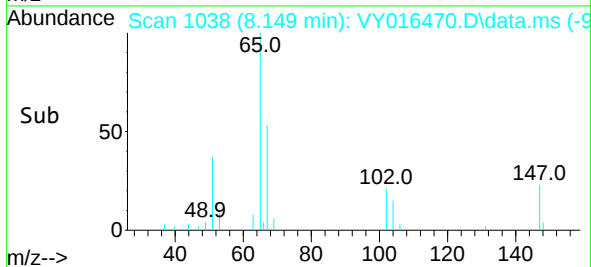
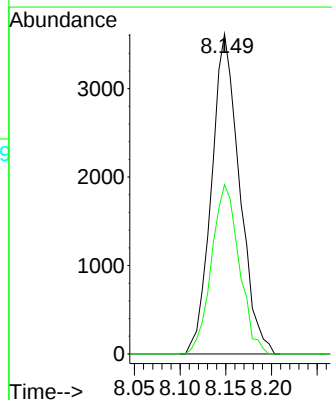
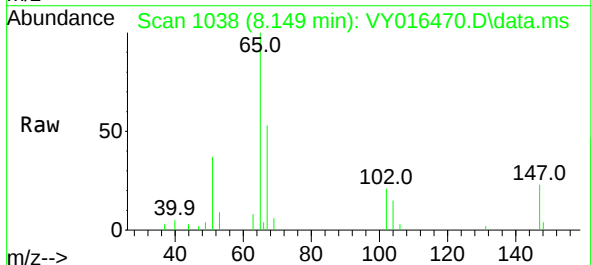
Ion	Ratio	Lower	Upper
84	100		
49	88.2	106.9	160.3#
51	36.3	33.2	49.8
86	61.7	51.0	76.6

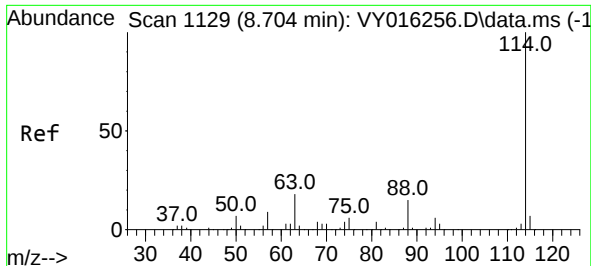


#33
1,2-Dichloroethane-d4
Concen: 50.769 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY016470.D
Acq: 22 Nov 2023 18:18

Tgt Ion: 65 Resp: 7716

Ion	Ratio	Lower	Upper
65	100		
67	52.3	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: VY016470.D

Acq: 22 Nov 2023 18:18

Instrument :

MSVOA_Y

ClientSampleId :

TP-13-VOCRE

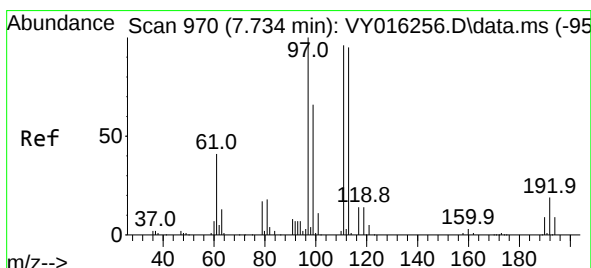
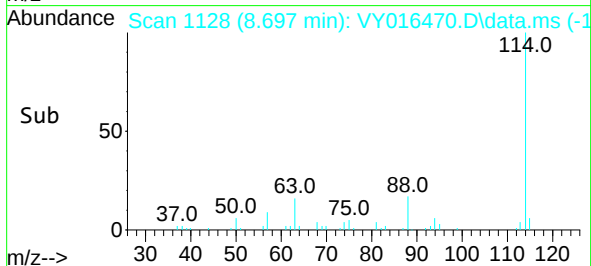
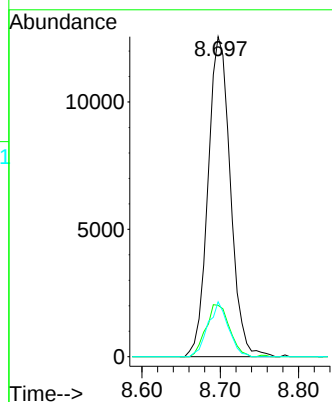
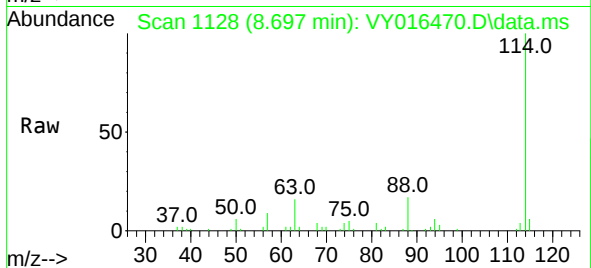
Tgt Ion:114 Resp: 24873

Ion Ratio Lower Upper

114 100

63 16.0 0.0 42.4

88 17.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 58.403 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY016470.D

Acq: 22 Nov 2023 18:18

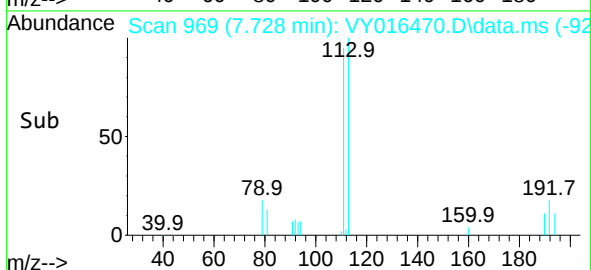
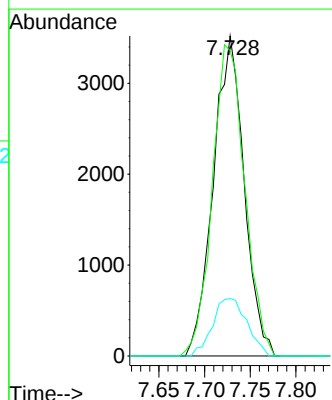
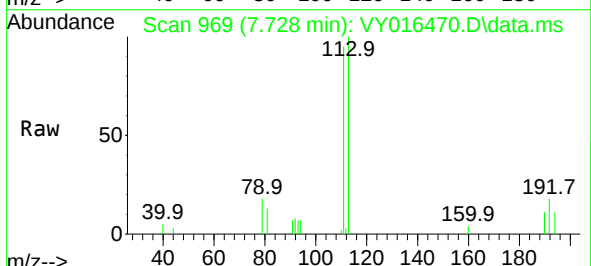
Tgt Ion:113 Resp: 8252

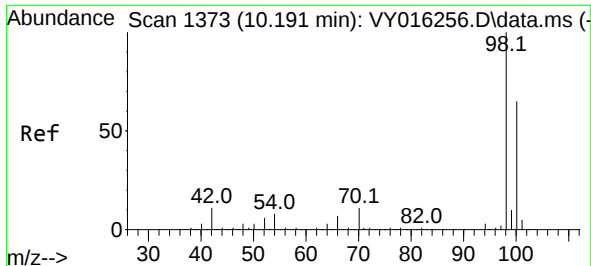
Ion Ratio Lower Upper

113 100

111 102.1 81.3 121.9

192 20.0 16.9 25.3

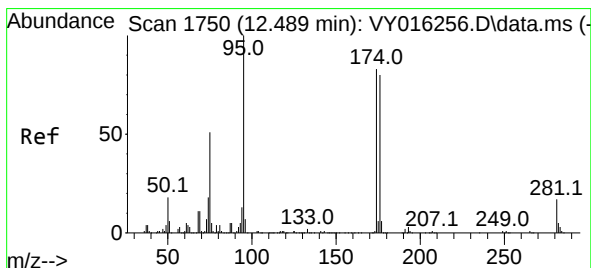
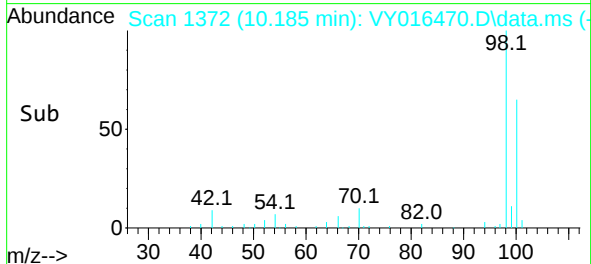
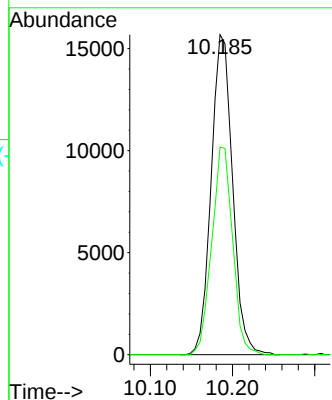
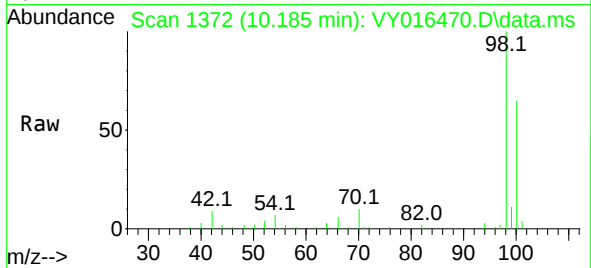




#50
Toluene-d8
Concen: 49.443 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016470.D
Acq: 22 Nov 2023 18:18

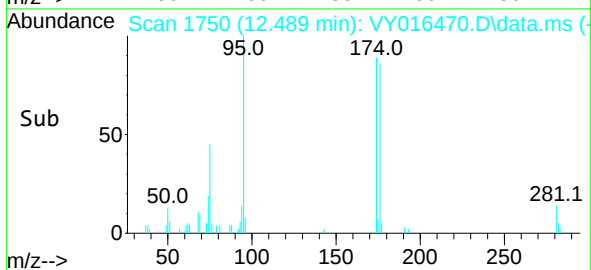
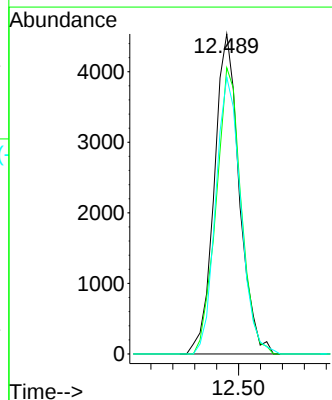
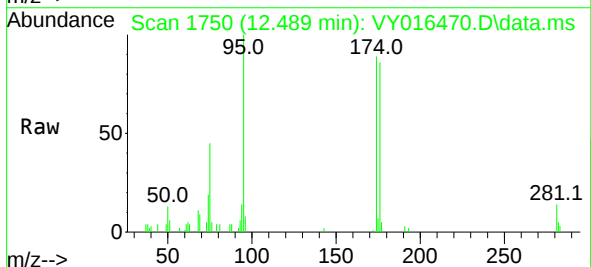
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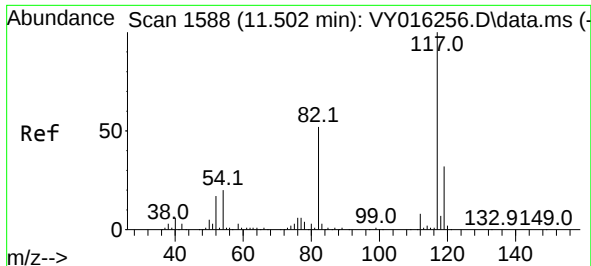
Tgt Ion: 98 Resp: 28330
Ion Ratio Lower Upper
98 100
100 63.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 38.652 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016470.D
Acq: 22 Nov 2023 18:18

Tgt Ion: 95 Resp: 7193
Ion Ratio Lower Upper
95 100
174 89.1 0.0 178.2
176 86.6 0.0 173.8

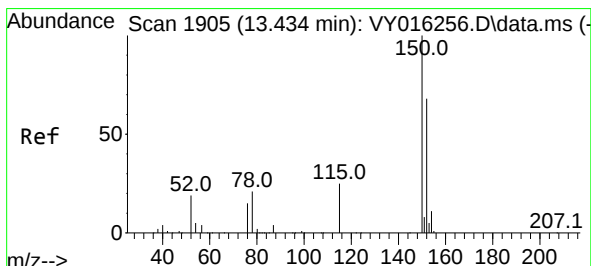
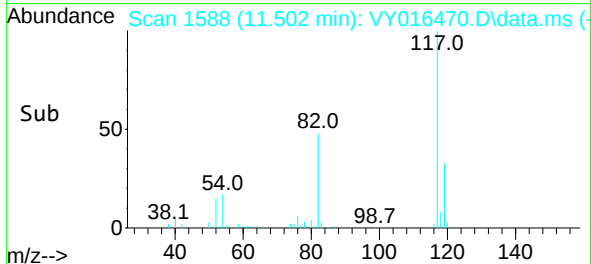
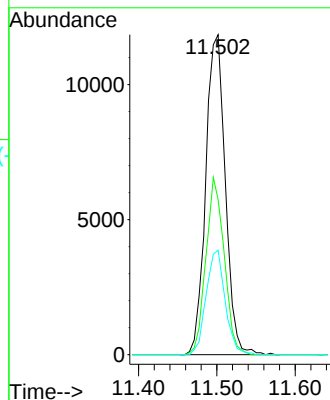
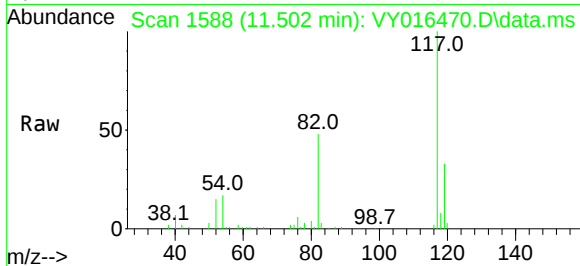




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016470.D
Acq: 22 Nov 2023 18:18

Instrument :
MSVOA_Y
ClientSampleId :
TP-13-VOCRE

Tgt Ion:	117	Resp:	20553
Ion Ratio	Lower	Upper	
117	100		
82	48.5	43.4	65.0
119	32.7	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: VY016470.D
Acq: 22 Nov 2023 18:18

Tgt Ion:	152	Resp:	7335
Ion Ratio	Lower	Upper	
152	100		
115	58.1	28.8	86.5
150	161.0	0.0	348.8

