

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110723\
 Data File : VY016247.D
 Acq On : 07 Nov 2023 11:34
 Operator : SY/MD
 Sample : 05252-03
 Misc : 4.94g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WASTE-VOC

Quant Time: Nov 07 23:44:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

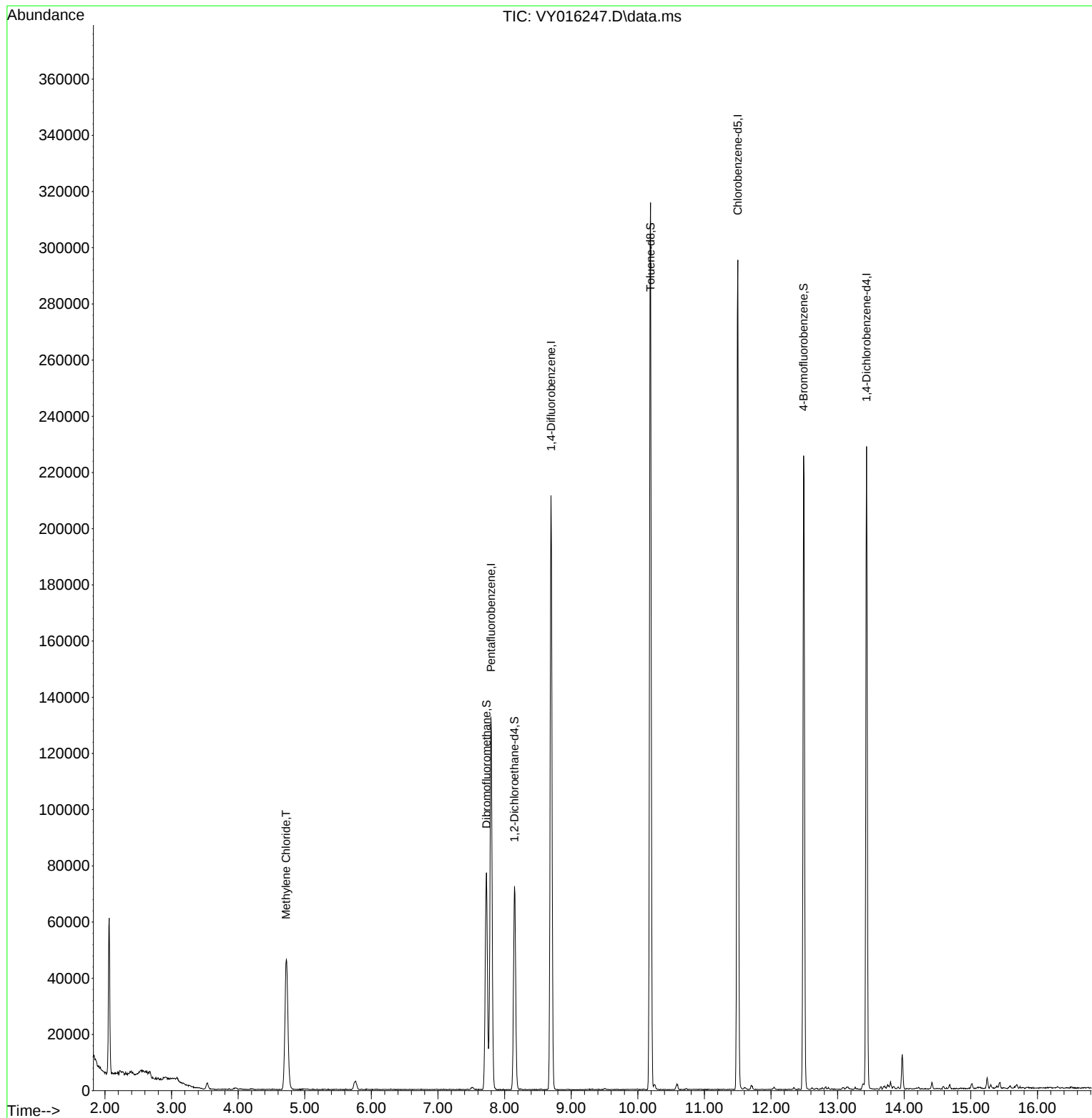
Internal Standards						
1) Pentafluorobenzene	7.795	168	104317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	183103	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	164024	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	59390	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	57215	58.614	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.220%
35) Dibromofluoromethane	7.728	113	54282	49.727	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.460%
50) Toluene-d8	10.191	98	211918	48.964	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.920%
62) 4-Bromofluorobenzene	12.489	95	64491	43.577	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.160%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.716	84	37538	37.018	ug/l #	83

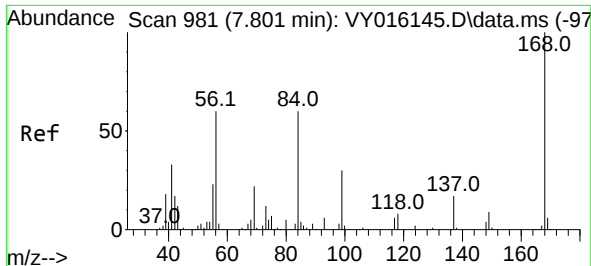
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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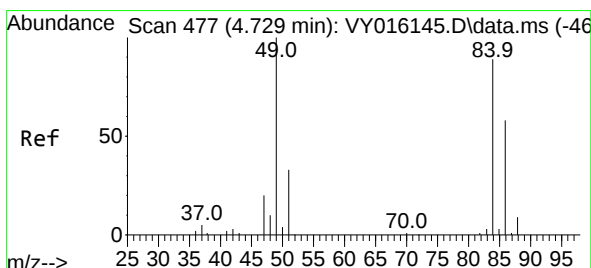
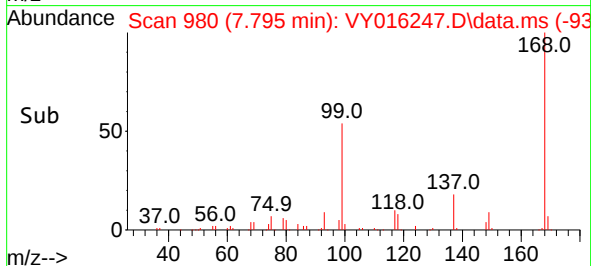
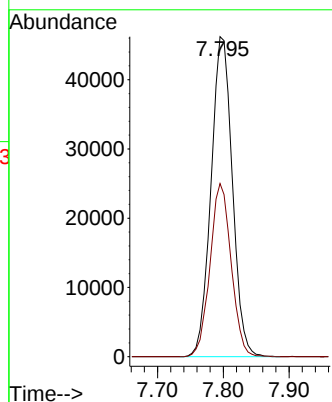
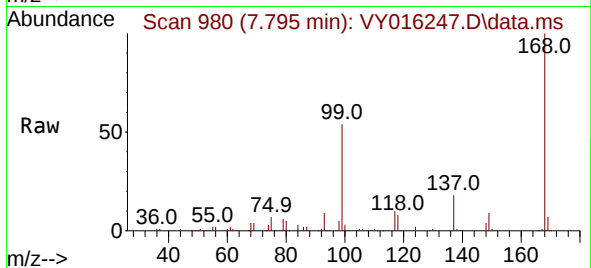




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY016247.D
Acq: 07 Nov 2023 11:34

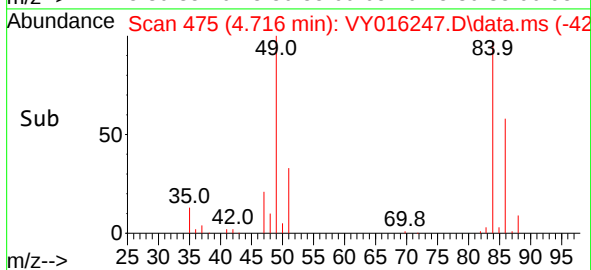
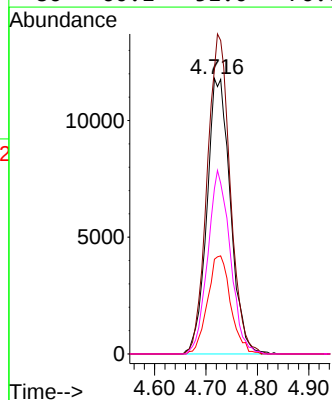
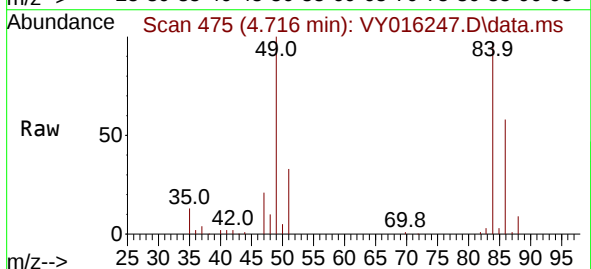
Instrument :
MSVOA_Y
ClientSampleId :
WASTE-VOC

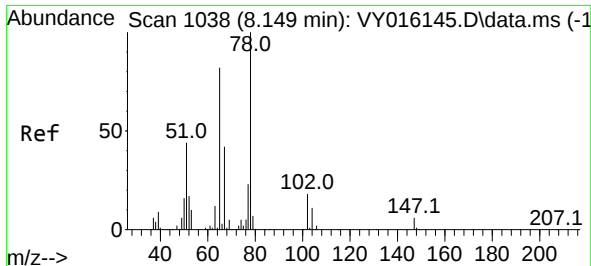
Tgt Ion:168 Resp: 104317
Ion Ratio Lower Upper
168 100
99 54.1 43.4 65.0



#20
Methylene Chloride
Concen: 37.018 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.013 min
Lab File: VY016247.D
Acq: 07 Nov 2023 11:34

Tgt Ion: 84 Resp: 37538
Ion Ratio Lower Upper
84 100
49 103.4 106.9 160.3#
51 34.4 33.2 49.8
86 60.1 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 58.614 ug/l

RT: 8.149 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY016247.D

Acq: 07 Nov 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

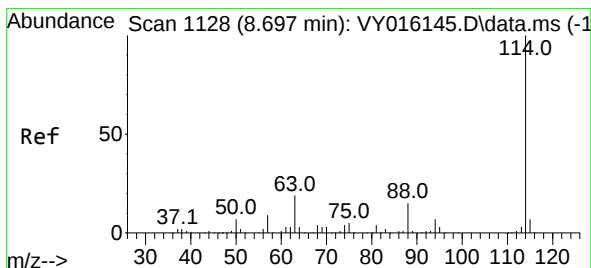
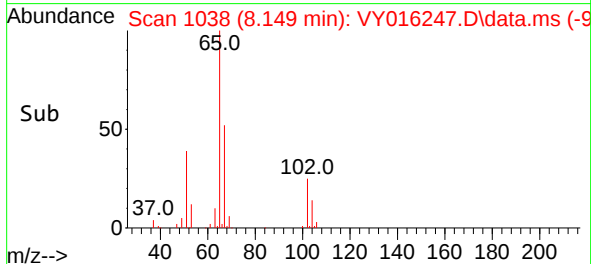
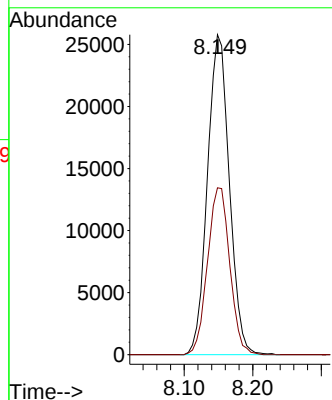
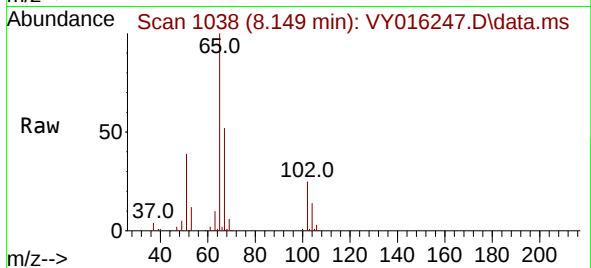
WASTE-VOC

Tgt Ion: 65 Resp: 57215

Ion Ratio Lower Upper

65 100

67 53.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY016247.D

Acq: 07 Nov 2023 11:34

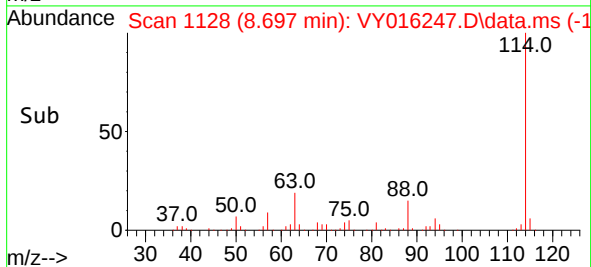
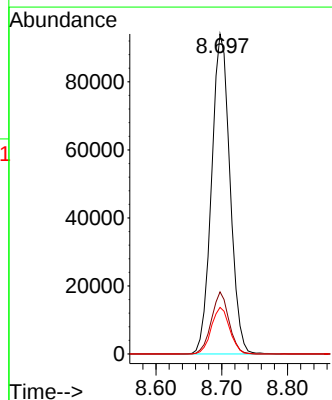
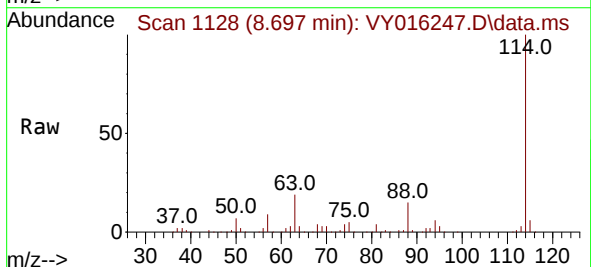
Tgt Ion: 114 Resp: 183103

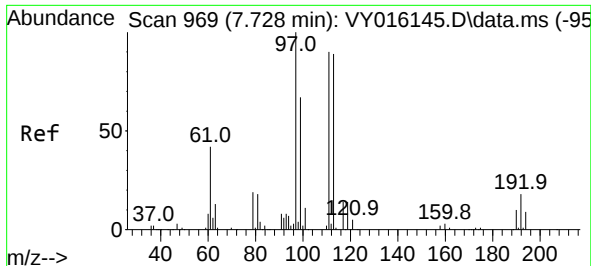
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 14.6 0.0 30.6

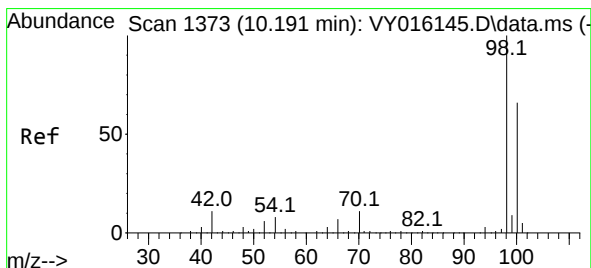
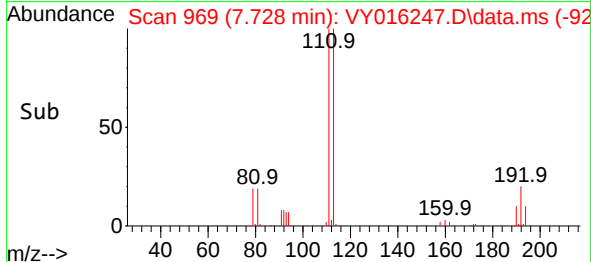
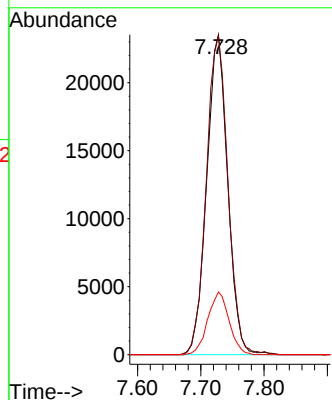
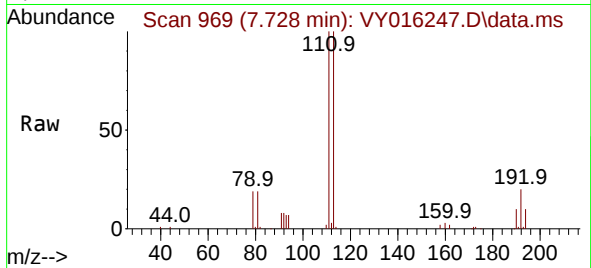




#35
Dibromofluoromethane
Concen: 49.727 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY016247.D
Acq: 07 Nov 2023 11:34

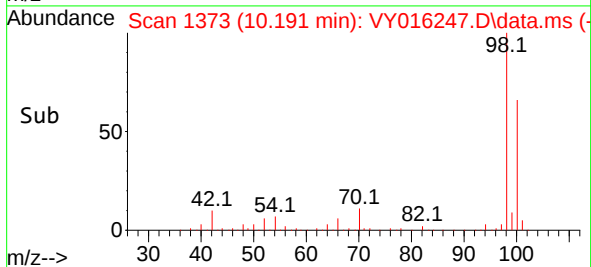
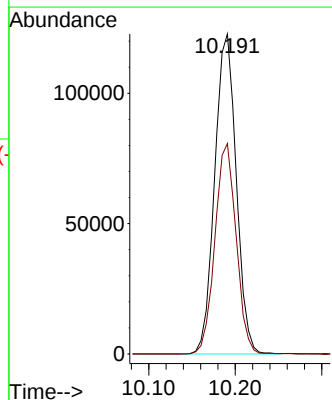
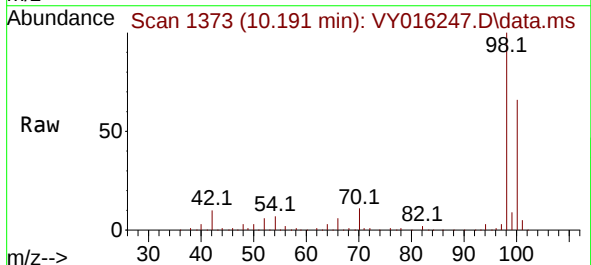
Instrument :
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WASTE-VOC

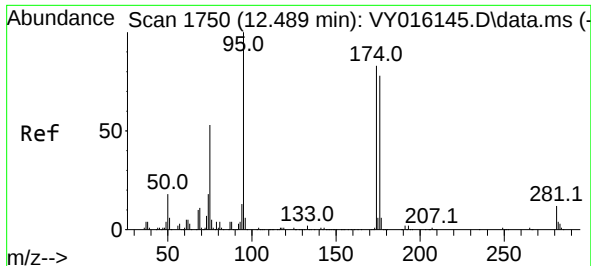
Tgt Ion:113 Resp: 54282
Ion Ratio Lower Upper
113 100
111 102.7 81.3 121.9
192 19.9 16.9 25.3



#50
Toluene-d8
Concen: 48.964 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016247.D
Acq: 07 Nov 2023 11:34

Tgt Ion: 98 Resp: 211918
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1

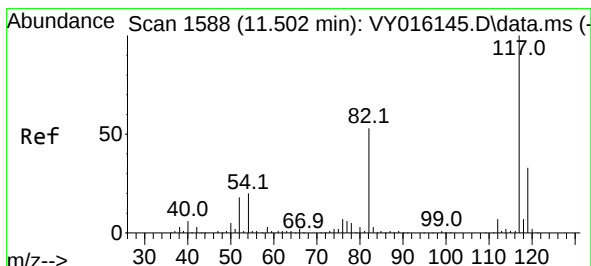
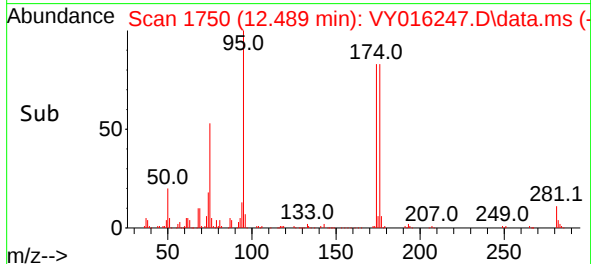
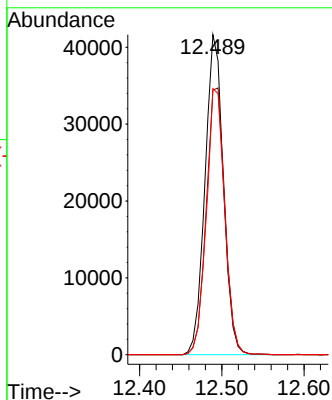
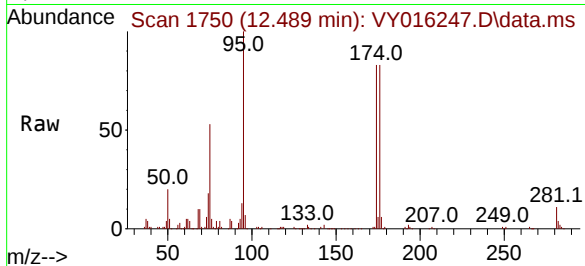




#62
4-Bromofluorobenzene
Concen: 43.577 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016247.D
Acq: 07 Nov 2023 11:34

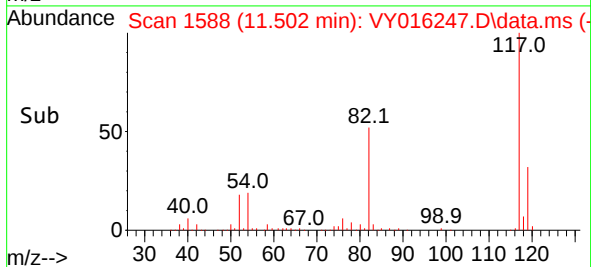
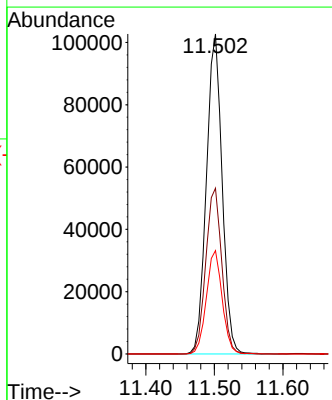
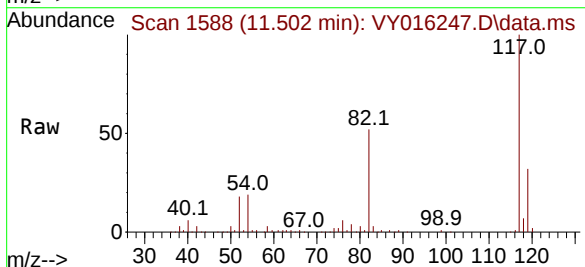
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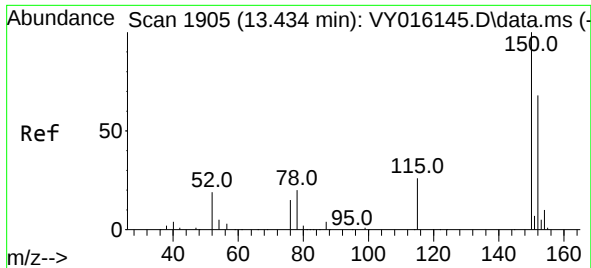
Tgt Ion: 95 Resp: 64491
Ion Ratio Lower Upper
95 100
174 85.4 0.0 178.2
176 83.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016247.D
Acq: 07 Nov 2023 11:34

Tgt Ion: 117 Resp: 164024
Ion Ratio Lower Upper
117 100
82 51.8 43.4 65.0
119 32.3 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: VY016247.D

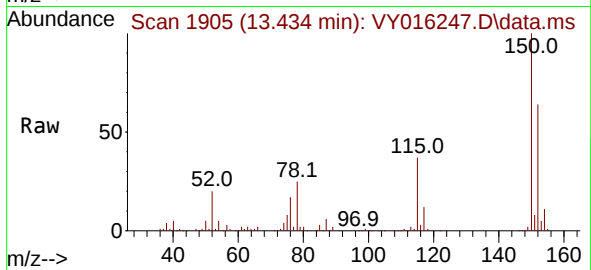
Acq: 07 Nov 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

WASTE-VOC



Tgt Ion:152 Resp: 59390

Ion Ratio Lower Upper

152 100

115 58.4 28.8 86.5

150 156.3 0.0 348.8

