

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111423\
 Data File : VY016347.D
 Acq On : 14 Nov 2023 14:31
 Operator : SY/MD
 Sample : 05388-07
 Misc : 5.28g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4-VOC

Quant Time: Nov 15 05:28:36 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)

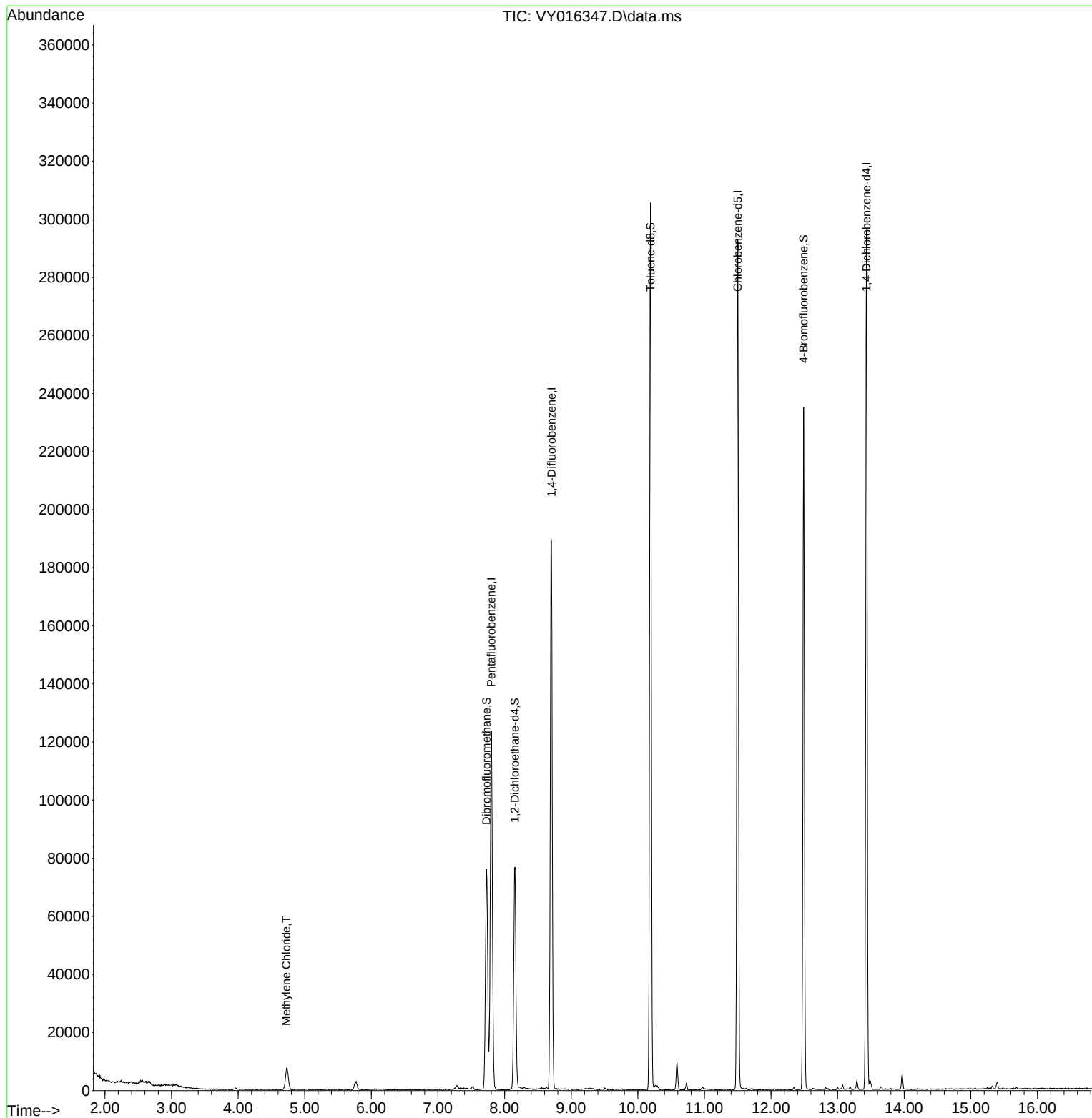
Internal Standards						
1) Pentafluorobenzene	7.801	168	95517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	171056	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	166021	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	76369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	61083	69.970	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.940%	
35) Dibromofluoromethane	7.728	113	53958	55.529	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.060%	
50) Toluene-d8	10.191	98	202530	51.397	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.800%	
62) 4-Bromofluorobenzene	12.489	95	69687	54.451	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.900%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.722	84	5921	2.497	ug/l #	83

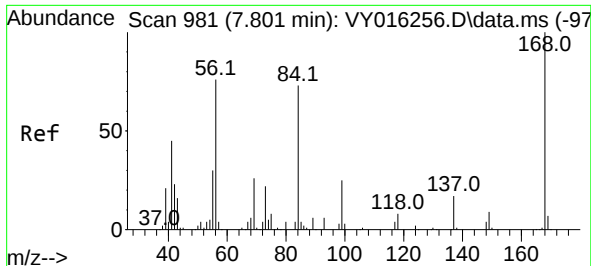
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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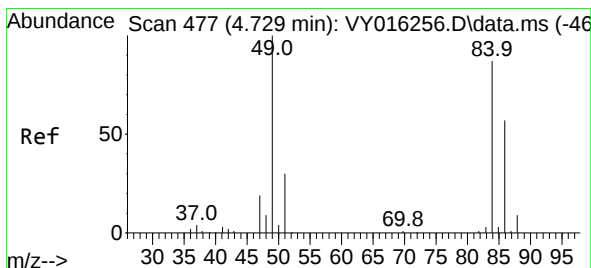
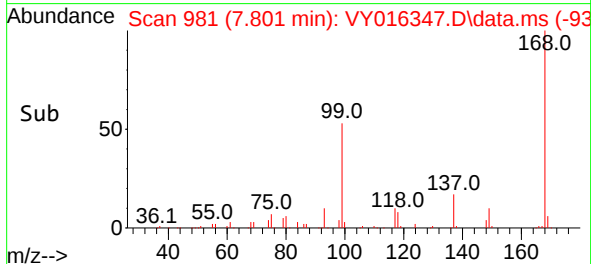
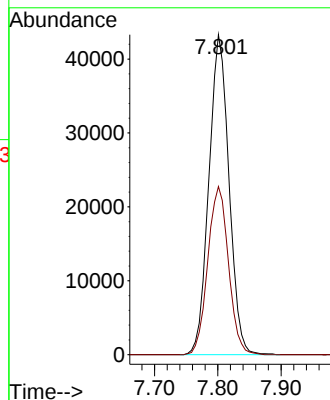
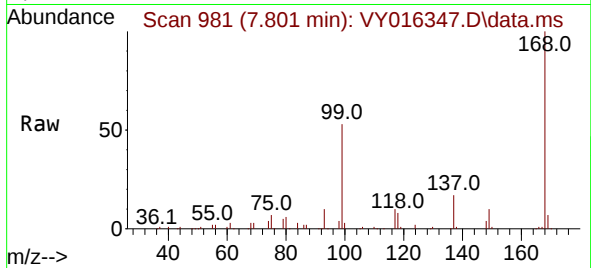




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016347.D
Acq: 14 Nov 2023 14:31

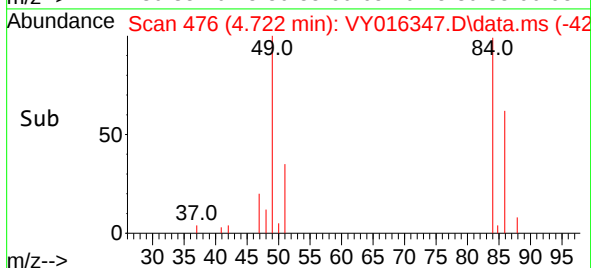
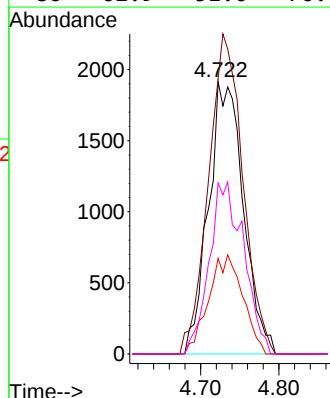
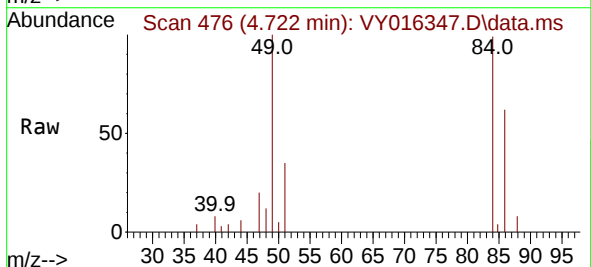
Instrument :
MSVOA_Y
ClientSampleId :
TP-4-VOC

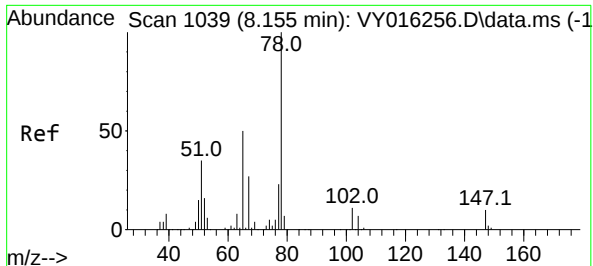
Tgt Ion:168 Resp: 95517
Ion Ratio Lower Upper
168 100
99 52.6 43.4 65.0



#20
Methylene Chloride
Concen: 2.497 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY016347.D
Acq: 14 Nov 2023 14:31

Tgt Ion: 84 Resp: 5921
Ion Ratio Lower Upper
84 100
49 101.3 106.9 160.3#
51 35.1 33.2 49.8
86 62.9 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 69.970 ug/l

RT: 8.155 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY016347.D

Acq: 14 Nov 2023 14:31

Instrument :

MSVOA_Y

ClientSampleId :

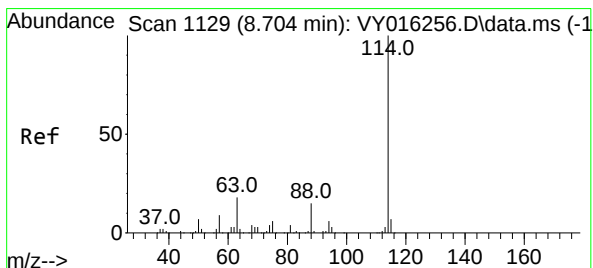
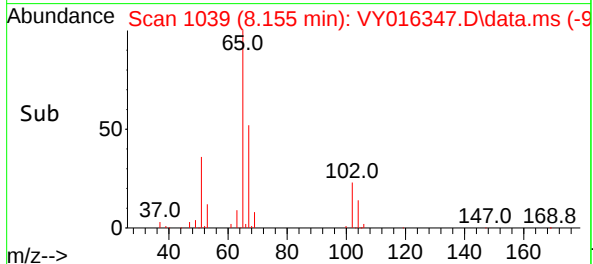
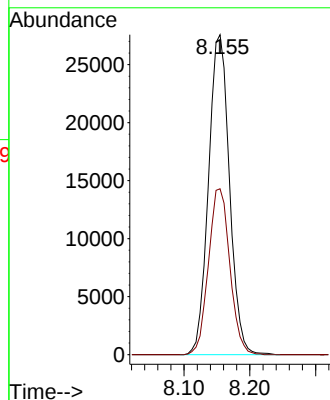
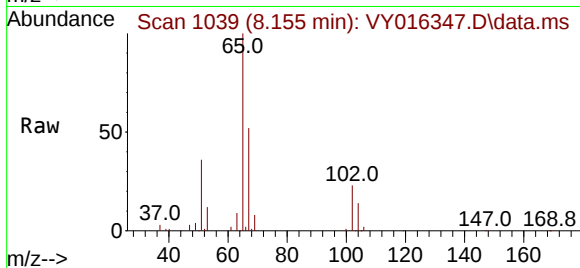
TP-4-VOC

Tgt Ion: 65 Resp: 61083

Ion Ratio Lower Upper

65 100

67 53.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016347.D

Acq: 14 Nov 2023 14:31

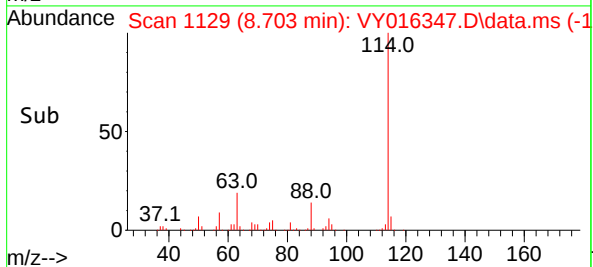
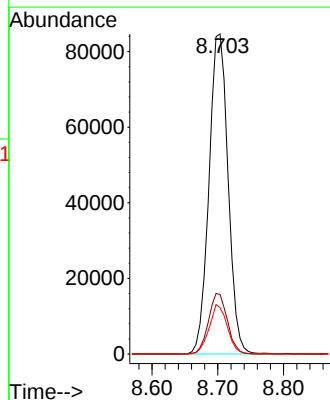
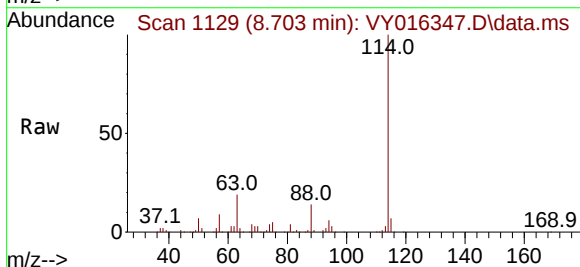
Tgt Ion: 114 Resp: 171056

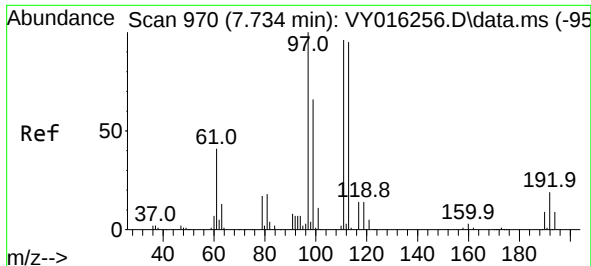
Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.4

88 14.4 0.0 30.6

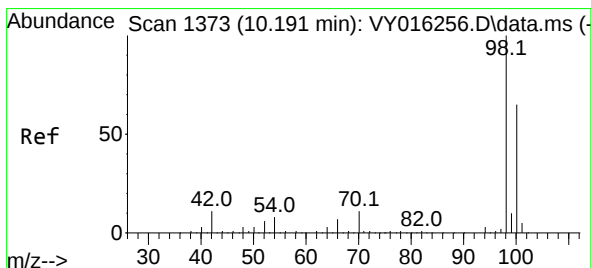
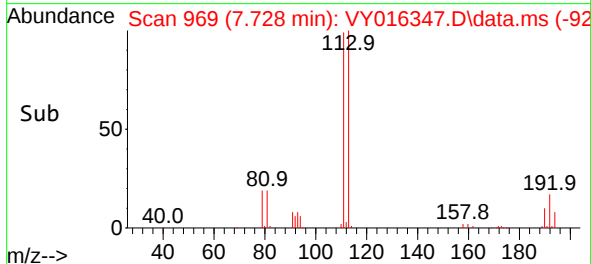
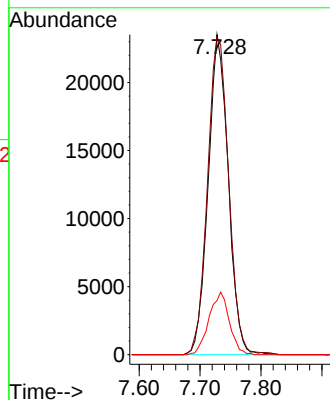
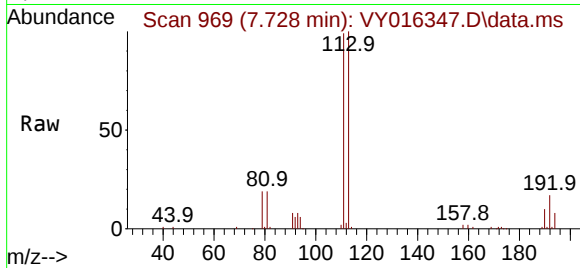




#35
Dibromofluoromethane
Concen: 55.529 ug/l
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016347.D
Acq: 14 Nov 2023 14:31

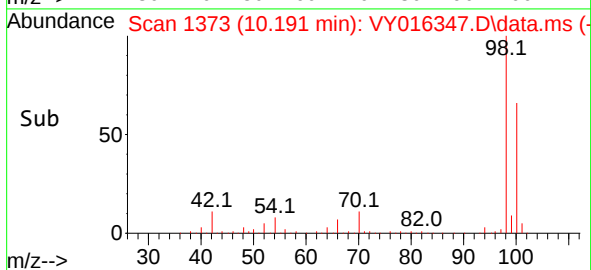
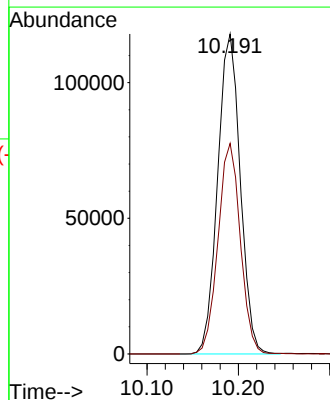
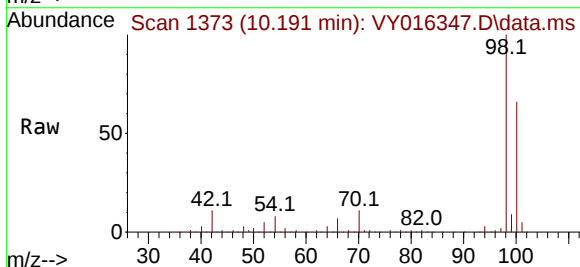
Instrument :
MSVOA_Y
ClientSampleId :
TP-4-VOC

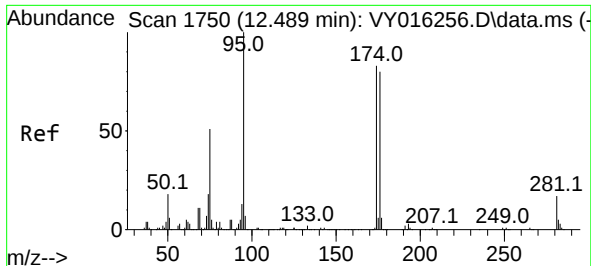
Tgt Ion:113 Resp: 53958
Ion Ratio Lower Upper
113 100
111 104.4 81.3 121.9
192 19.8 16.9 25.3



#50
Toluene-d8
Concen: 51.397 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016347.D
Acq: 14 Nov 2023 14:31

Tgt Ion: 98 Resp: 202530
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

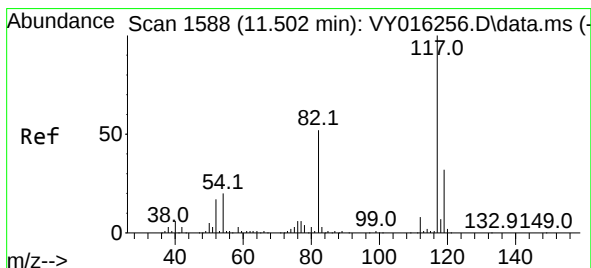
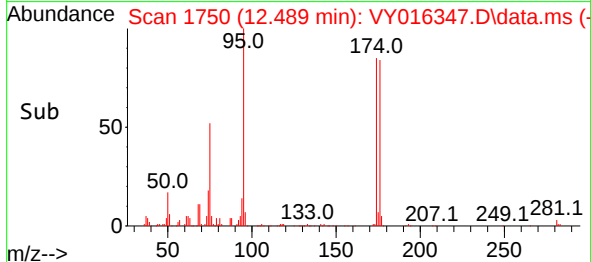
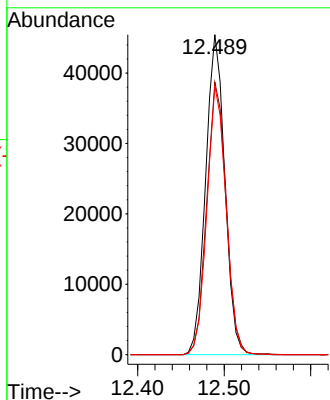
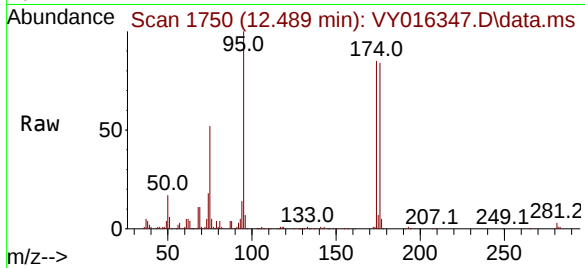




#62
4-Bromofluorobenzene
Concen: 54.451 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016347.D
Acq: 14 Nov 2023 14:31

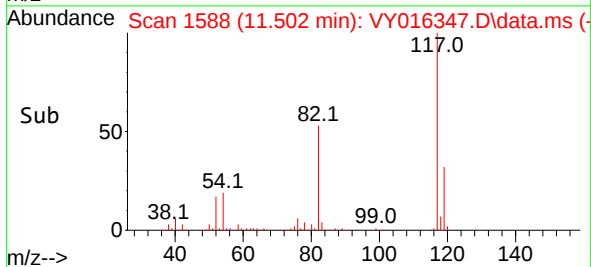
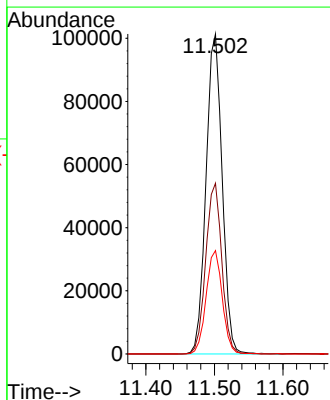
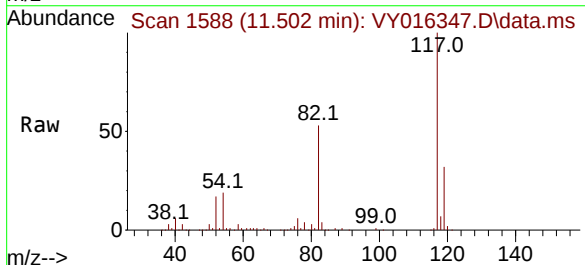
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MSVOA_Y
ClientSampleId :
TP-4-VOC

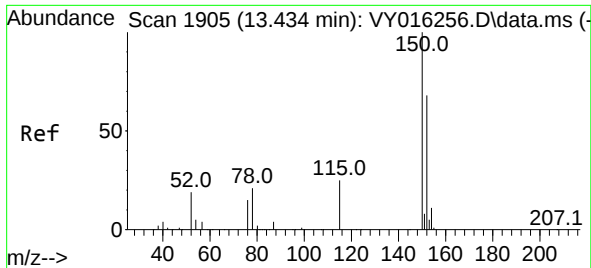
Tgt Ion: 95 Resp: 69687
Ion Ratio Lower Upper
95 100
174 87.0 0.0 178.2
176 84.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016347.D
Acq: 14 Nov 2023 14:31

Tgt Ion: 117 Resp: 166021
Ion Ratio Lower Upper
117 100
82 53.4 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: VY016347.D

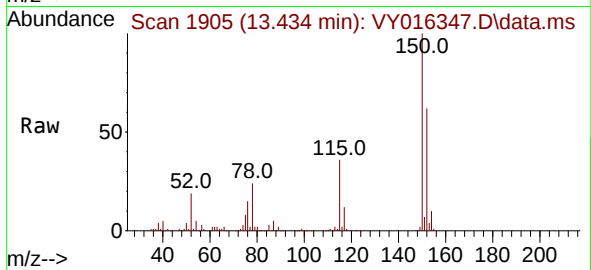
Acq: 14 Nov 2023 14:31

Instrument :

MSVOA_Y

ClientSampleId :

TP-4-VOC



Tgt Ion:152 Resp: 76369

Ion Ratio Lower Upper

152 100

115 59.4 28.8 86.5

150 159.2 0.0 348.8

