

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112123\
 Data File : VY016446.D
 Acq On : 21 Nov 2023 18:32
 Operator : SY/MD
 Sample : 05492-03
 Misc : 4.22g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-13-VOC

Quant Time: Nov 22 01:21:04 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)

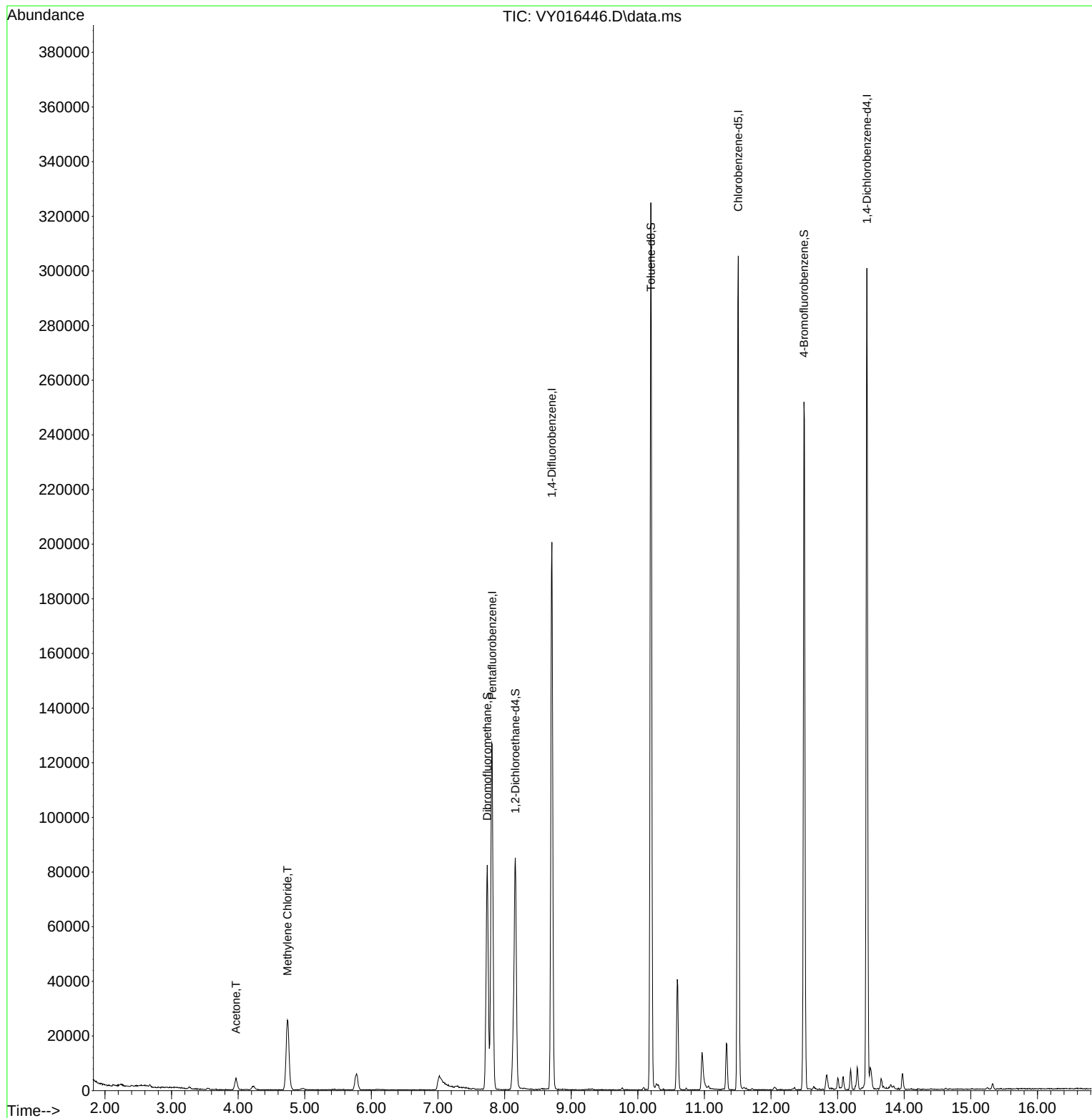
Internal Standards						
1) Pentafluorobenzene	7.813	168	103788	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	183032	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	176689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	80679	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	62464	65.850	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.700%
35) Dibromofluoromethane	7.740	113	58357	56.127	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.260%
50) Toluene-d8	10.197	98	212627	50.429	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.860%
62) 4-Bromofluorobenzene	12.495	95	72649	53.051	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.100%
Target Compounds						
						Qvalue
16) Acetone	3.966	43	7122	45.390	ug/l	96
20) Methylene Chloride	4.741	84	21978	17.570	ug/l #	82

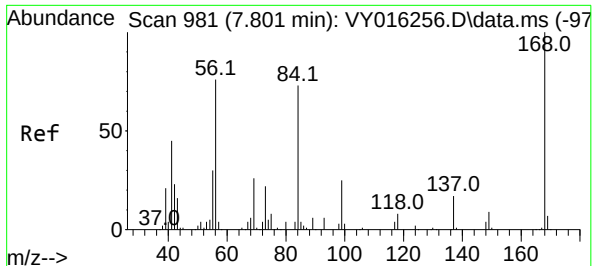
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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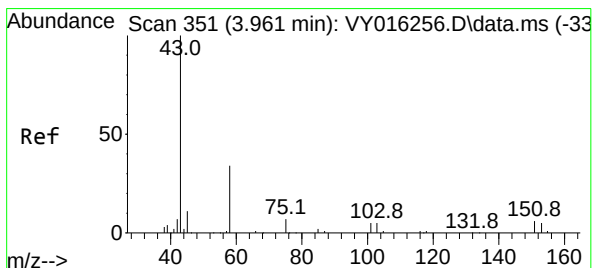
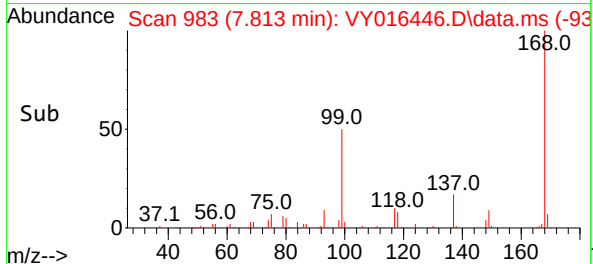
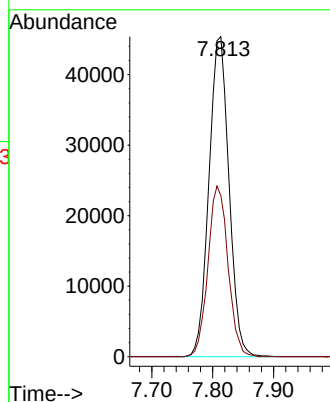
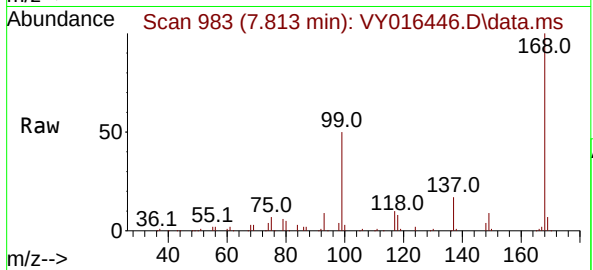




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016446.D
Acq: 21 Nov 2023 18:32

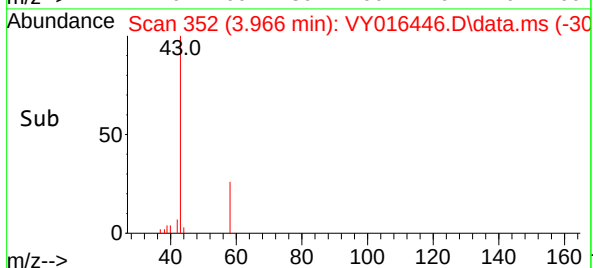
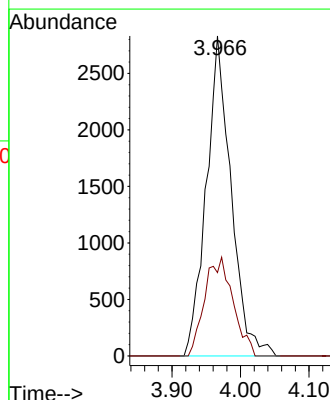
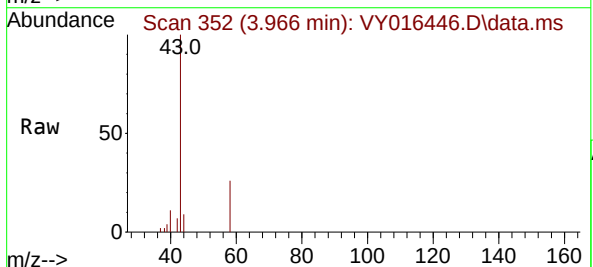
Instrument :
MSVOA_Y
ClientSampleId :
TP-13-VOC

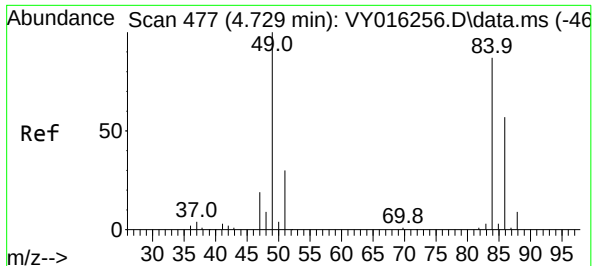
Tgt Ion:168 Resp: 103788
Ion Ratio Lower Upper
168 100
99 50.4 43.4 65.0



#16
Acetone
Concen: 45.390 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY016446.D
Acq: 21 Nov 2023 18:32

Tgt Ion: 43 Resp: 7122
Ion Ratio Lower Upper
43 100
58 26.0 22.7 34.1

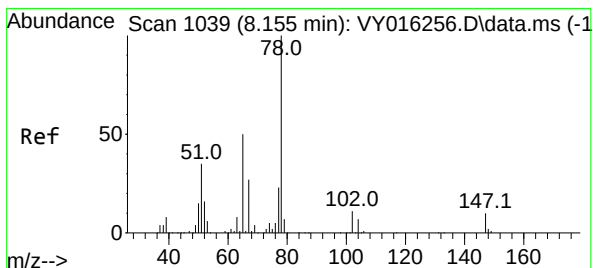
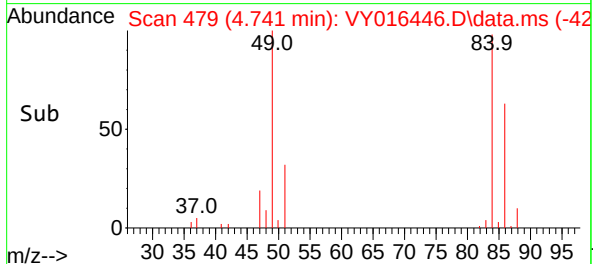
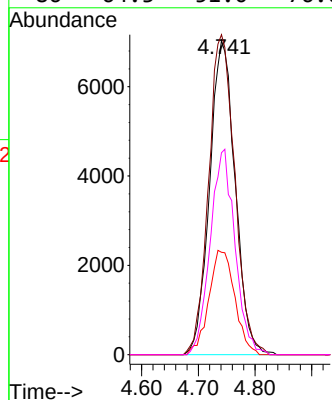
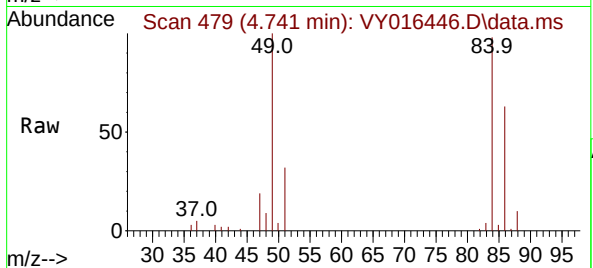




#20
Methylene Chloride
Concen: 17.570 ug/l
RT: 4.741 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY016446.D
Acq: 21 Nov 2023 18:32

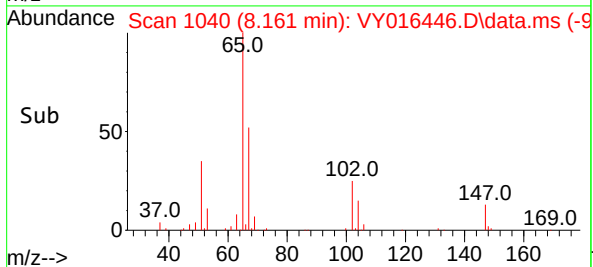
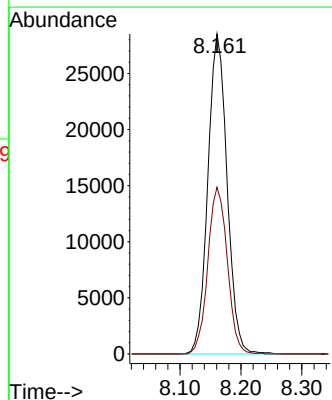
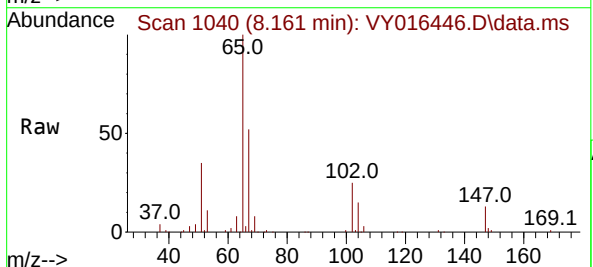
Instrument :
MSVOA_Y
ClientSampleId :
TP-13-VOC

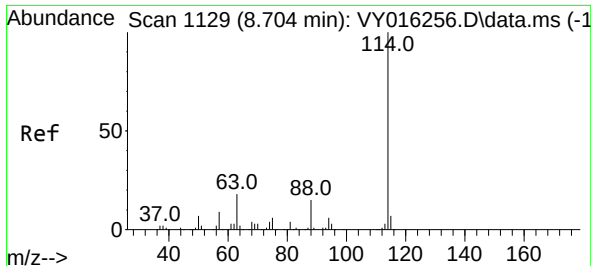
Tgt Ion:	84	Resp:	21978
Ion	Ratio	Lower	Upper
84	100		
49	101.9	106.9	160.3#
51	32.6	33.2	49.8#
86	64.3	51.0	76.6



#33
1,2-Dichloroethane-d4
Concen: 65.850 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016446.D
Acq: 21 Nov 2023 18:32

Tgt Ion:	65	Resp:	62464
Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY016446.D

Acq: 21 Nov 2023 18:32

Instrument :

MSVOA_Y

ClientSampleId :

TP-13-VOC

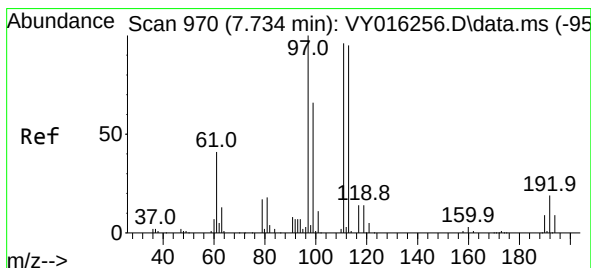
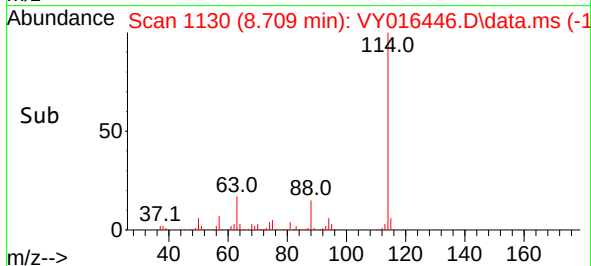
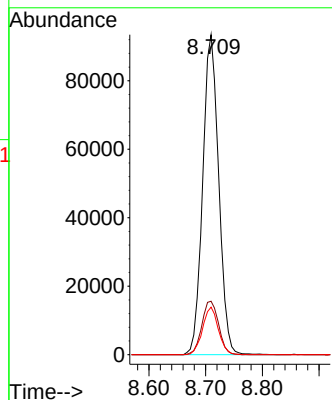
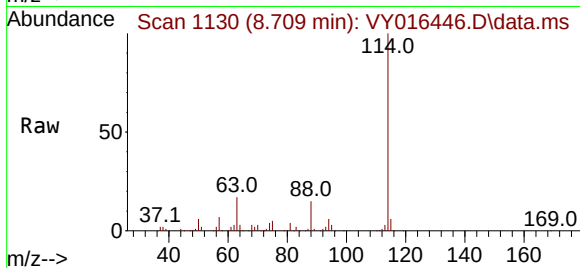
Tgt Ion:114 Resp: 183032

Ion Ratio Lower Upper

114 100

63 16.7 0.0 42.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.127 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY016446.D

Acq: 21 Nov 2023 18:32

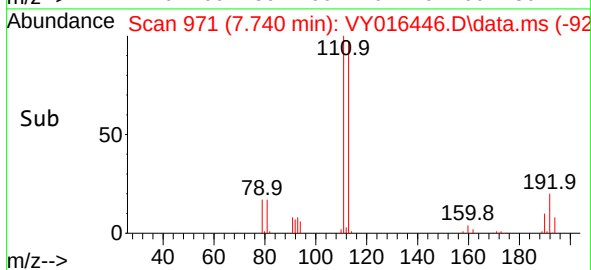
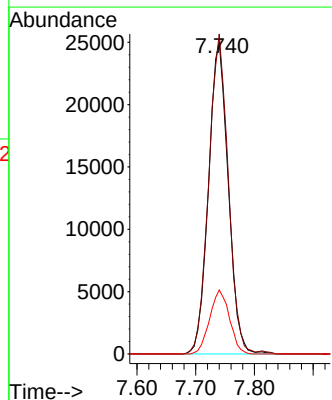
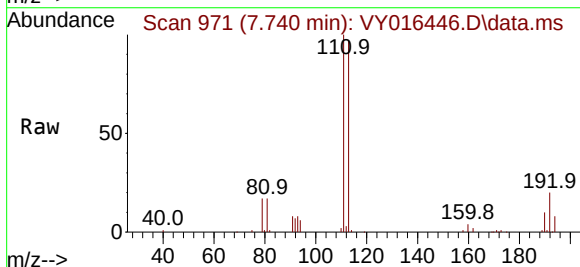
Tgt Ion:113 Resp: 58357

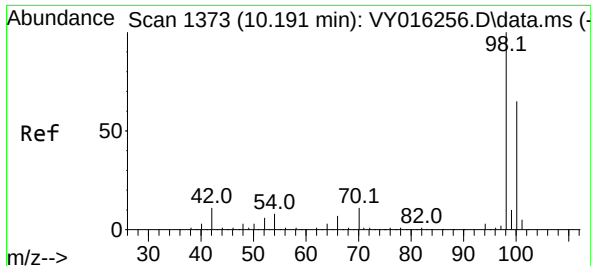
Ion Ratio Lower Upper

113 100

111 101.5 81.3 121.9

192 20.6 16.9 25.3

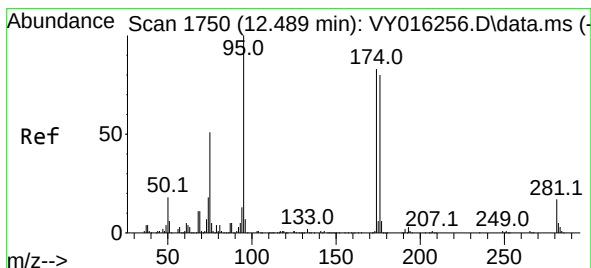
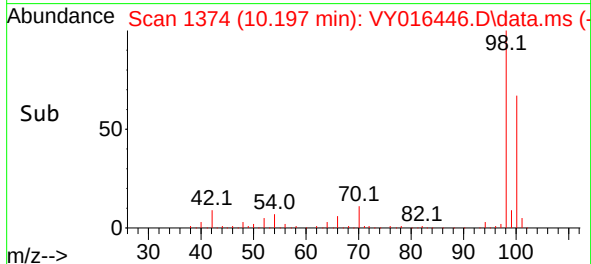
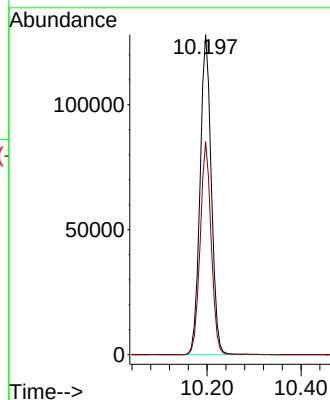
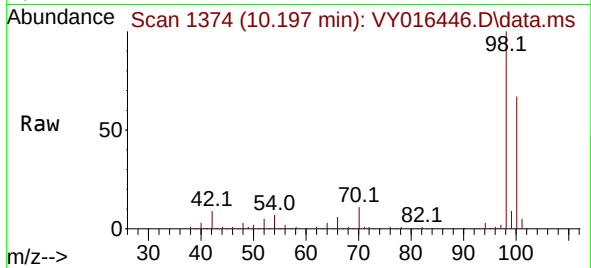




#50
Toluene-d8
Concen: 50.429 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016446.D
Acq: 21 Nov 2023 18:32

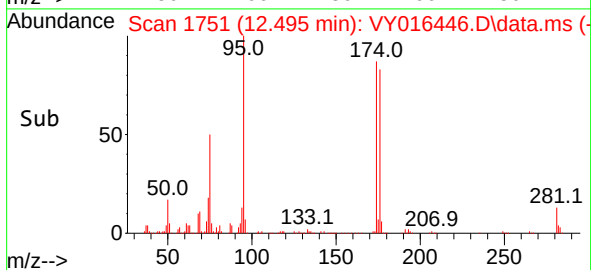
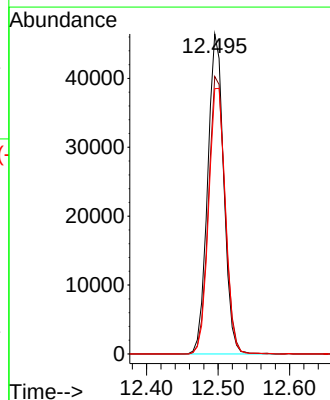
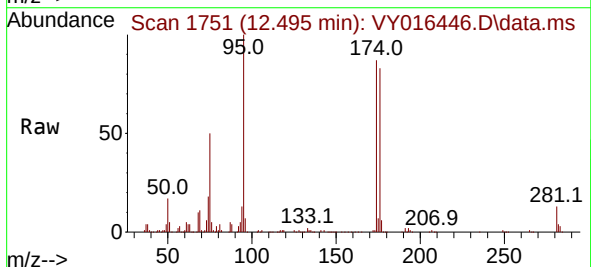
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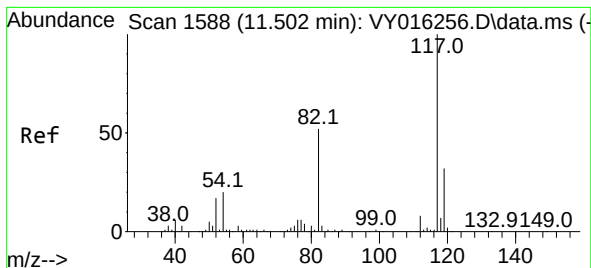
Tgt Ion: 98 Resp: 212627
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 53.051 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016446.D
Acq: 21 Nov 2023 18:32

Tgt Ion: 95 Resp: 72649
Ion Ratio Lower Upper
95 100
174 89.2 0.0 178.2
176 86.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016446.D

Acq: 21 Nov 2023 18:32

Instrument :

MSVOA_Y

ClientSampleId :

TP-13-VOC

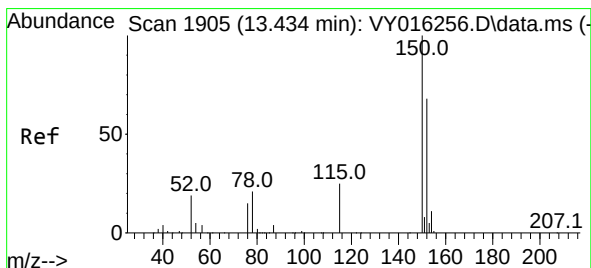
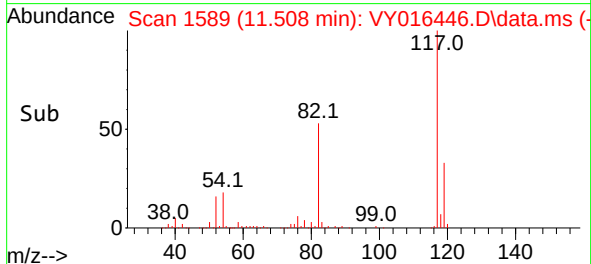
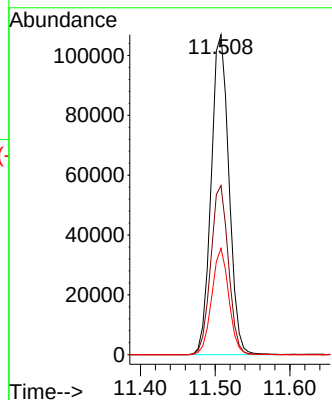
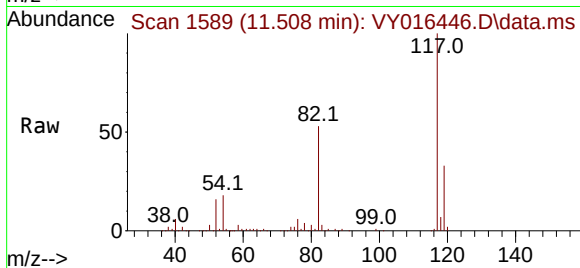
Tgt Ion:117 Resp: 176689

Ion Ratio Lower Upper

117 100

82 52.9 43.4 65.0

119 33.2 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: VY016446.D

Acq: 21 Nov 2023 18:32

Tgt Ion:152 Resp: 80679

Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.5

150 156.7 0.0 348.8

