

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052024\
 Data File : VY018338.D
 Acq On : 20 May 2024 16:50
 Operator : SY/MD
 Sample : P2512-07
 Misc : 5.78g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WCS-TPI-VOC

Quant Time: May 21 01:27:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

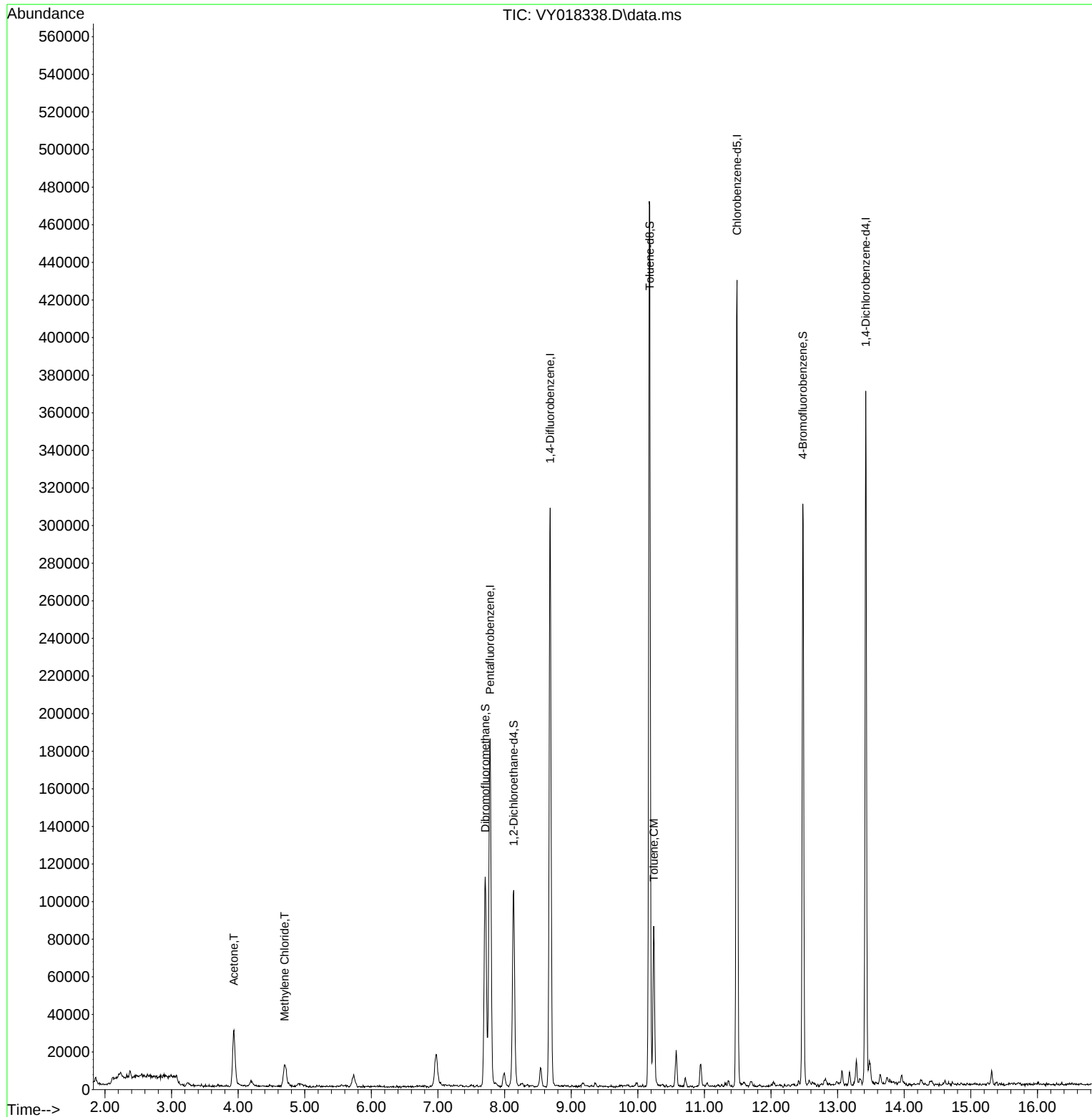
Internal Standards						
1) Pentafluorobenzene	7.783	168	144660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	273637	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	241680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	93346	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	72642	68.259	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.520%
35) Dibromofluoromethane	7.710	113	80290	55.831	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.660%
50) Toluene-d8	10.179	98	314250	55.453	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.900%
62) 4-Bromofluorobenzene	12.477	95	95905	52.404	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.800%
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	51711	243.489	ug/l	94
20) Methylene Chloride	4.698	84	9472	6.310	ug/l	90
52) Toluene	10.240	92	36603	8.574	ug/l	98

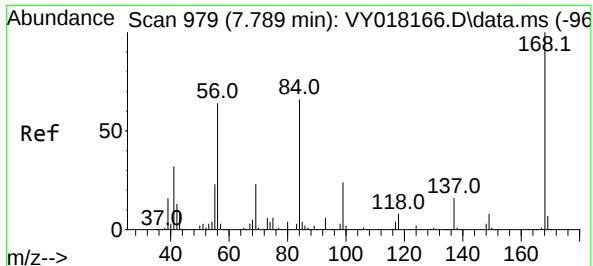
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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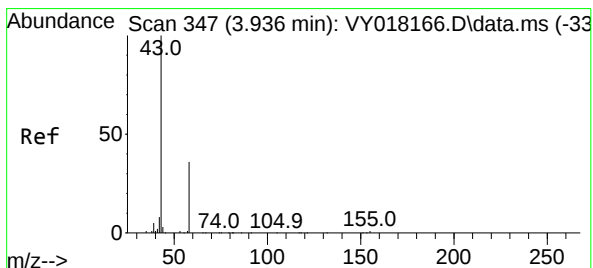
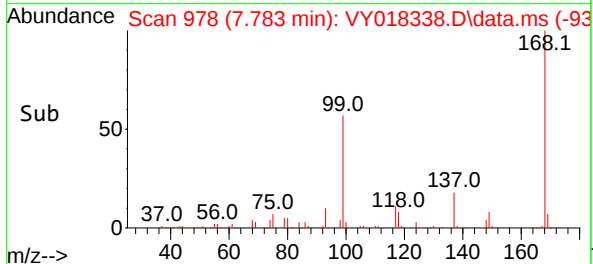
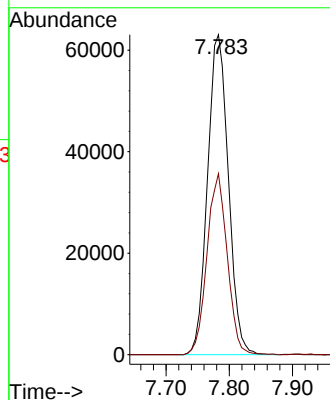
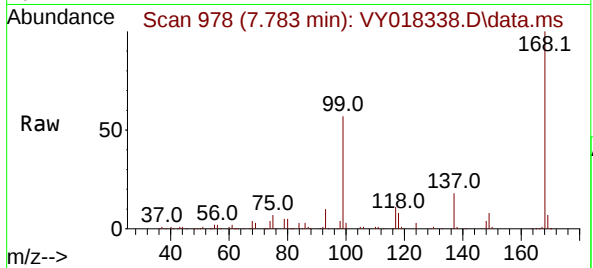




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018338.D
Acq: 20 May 2024 16:50

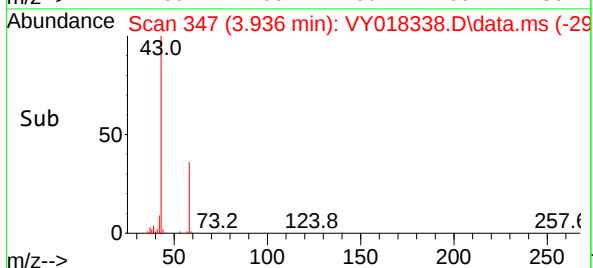
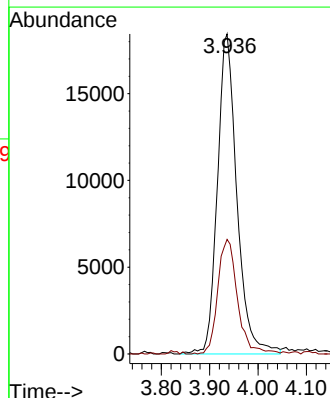
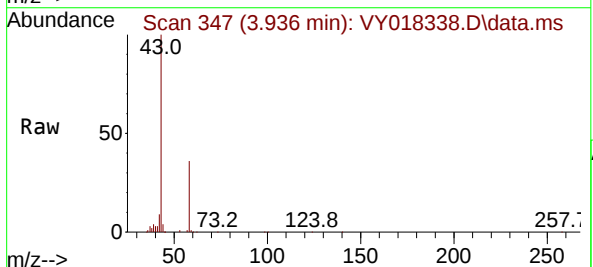
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TPI-VOC

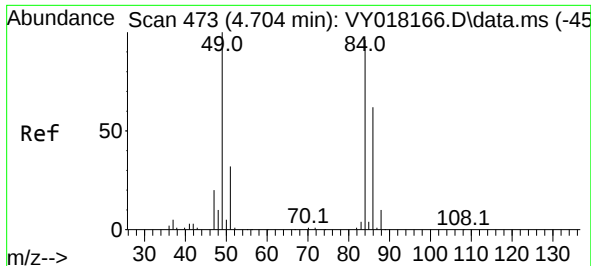
Tgt Ion:168 Resp: 144660
Ion Ratio Lower Upper
168 100
99 56.6 39.1 58.7



#16
Acetone
Concen: 243.489 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY018338.D
Acq: 20 May 2024 16:50

Tgt Ion: 43 Resp: 51711
Ion Ratio Lower Upper
43 100
58 35.8 31.7 47.5

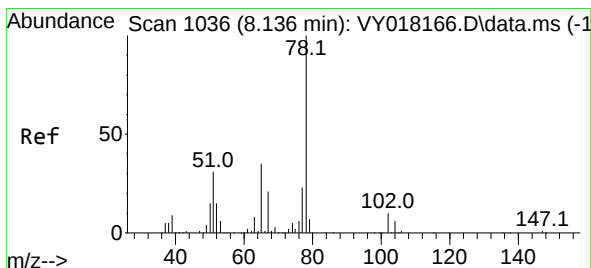
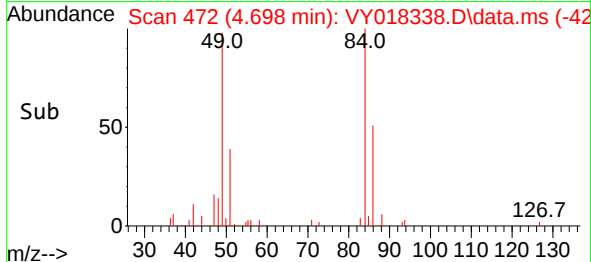
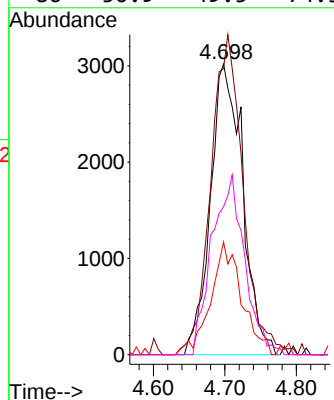
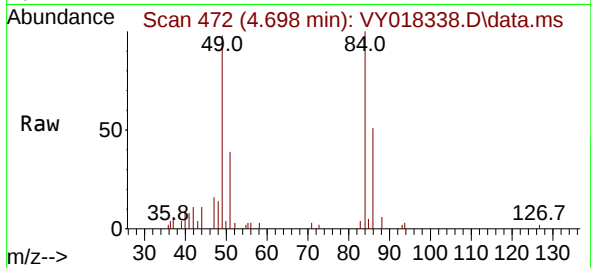




#20
Methylene Chloride
Concen: 6.310 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018338.D
Acq: 20 May 2024 16:50

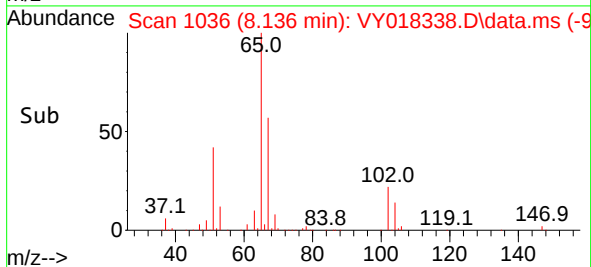
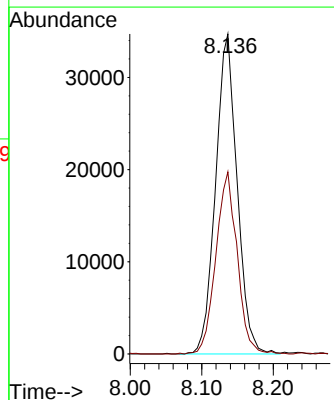
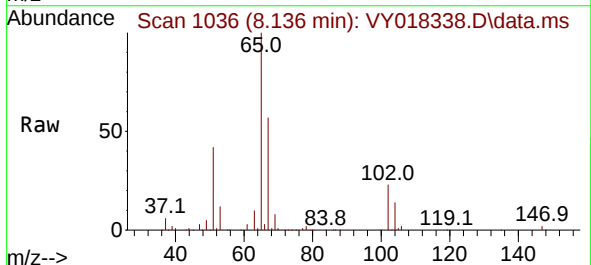
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TPI-VOC

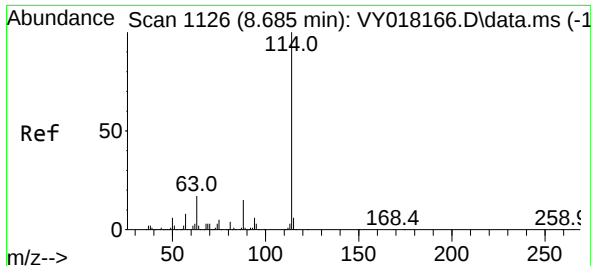
Tgt Ion:	84	Resp:	9472
Ion	Ratio	Lower	Upper
84	100		
49	96.6	84.4	126.6
51	36.7	26.0	39.0
86	50.9	49.5	74.3



#33
1,2-Dichloroethane-d4
Concen: 68.259 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018338.D
Acq: 20 May 2024 16:50

Tgt Ion:	65	Resp:	72642
Ion	Ratio	Lower	Upper
65	100		
67	56.4	0.0	109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY018338.D

Acq: 20 May 2024 16:50

Instrument :

MSVOA_Y

ClientSampleId :

WCS-TPI-VOC

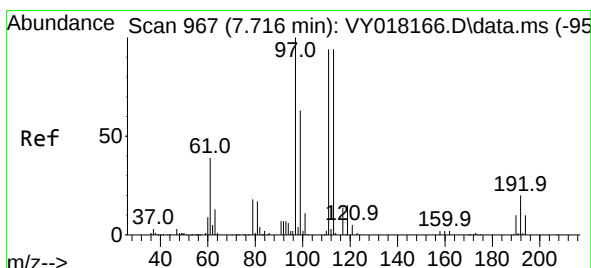
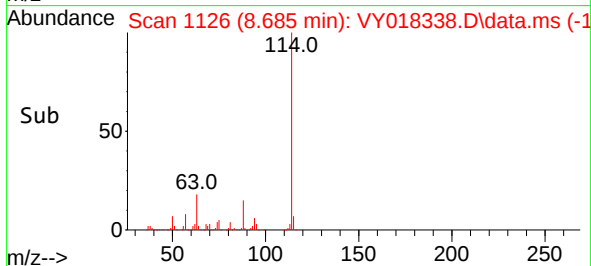
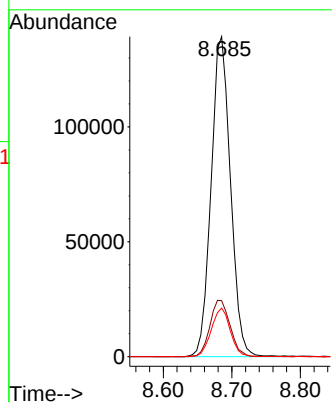
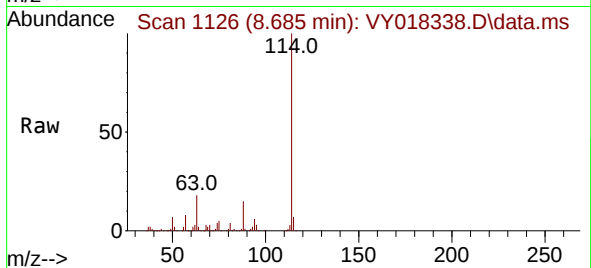
Tgt Ion:114 Resp: 273637

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.0

88 15.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.831 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY018338.D

Acq: 20 May 2024 16:50

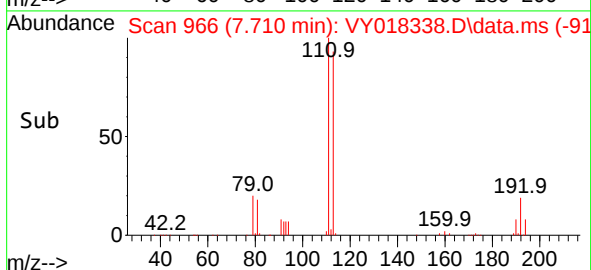
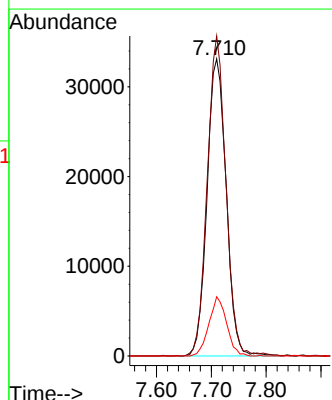
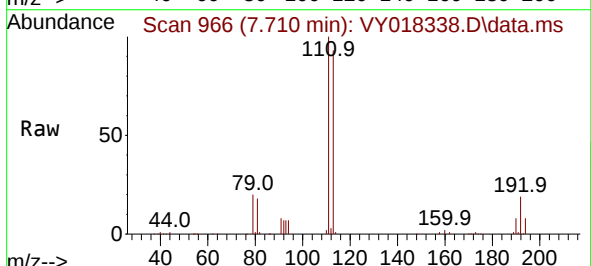
Tgt Ion:113 Resp: 80290

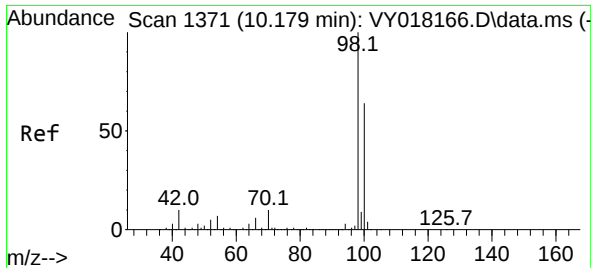
Ion Ratio Lower Upper

113 100

111 103.9 82.2 123.4

192 18.4 15.9 23.9

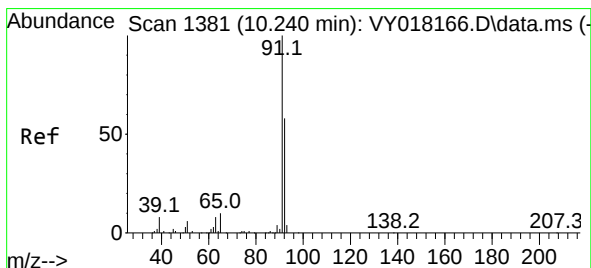
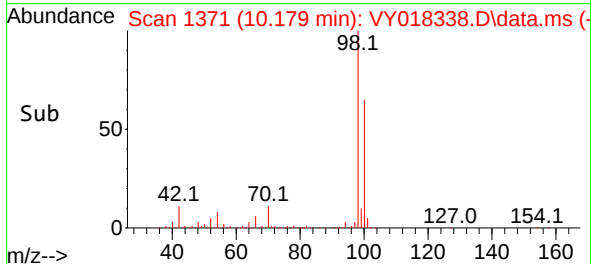
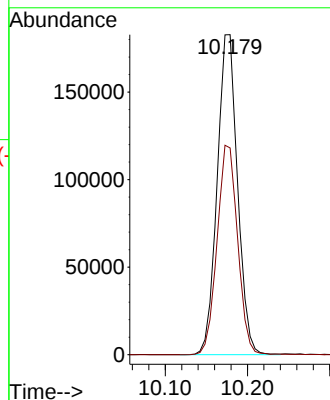
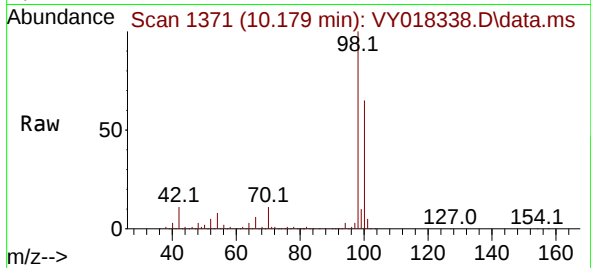




#50
Toluene-d8
Concen: 55.453 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018338.D
Acq: 20 May 2024 16:50

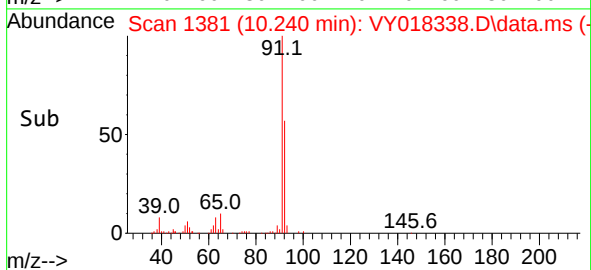
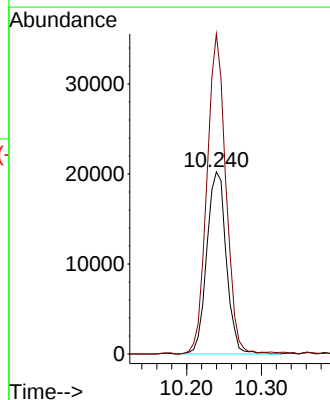
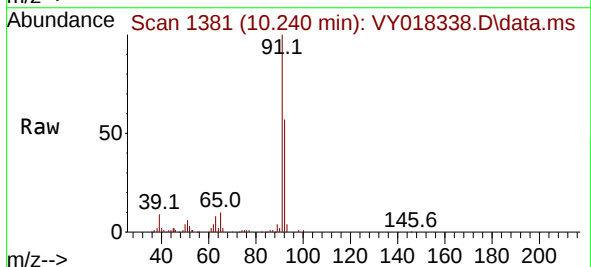
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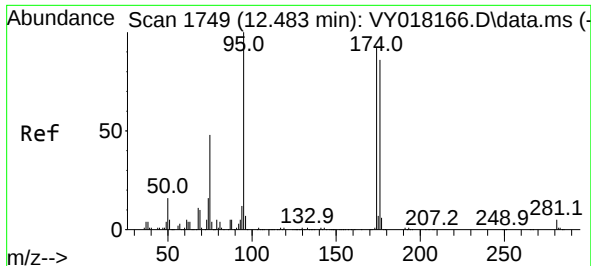
Tgt Ion: 98 Resp: 314250
Ion Ratio Lower Upper
98 100
100 66.1 52.0 78.0



#52
Toluene
Concen: 8.574 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY018338.D
Acq: 20 May 2024 16:50

Tgt Ion: 92 Resp: 36603
Ion Ratio Lower Upper
92 100
91 170.3 139.0 208.6

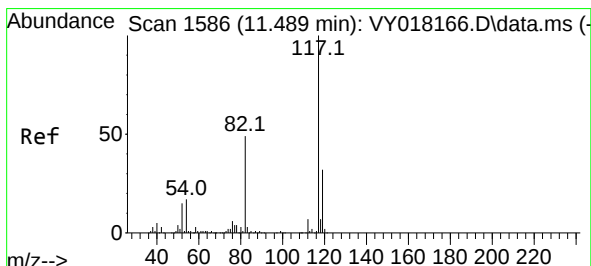
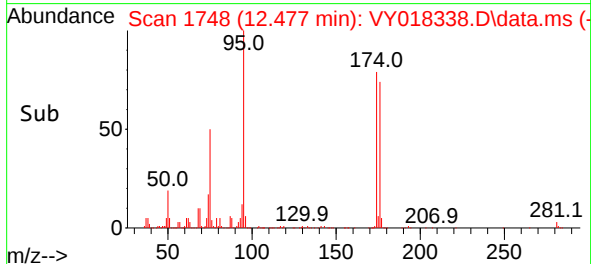
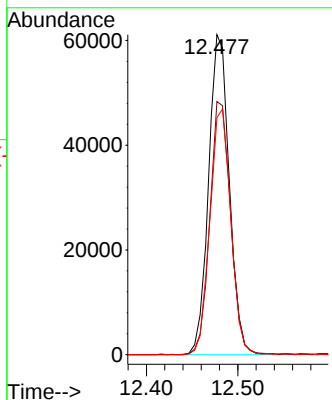
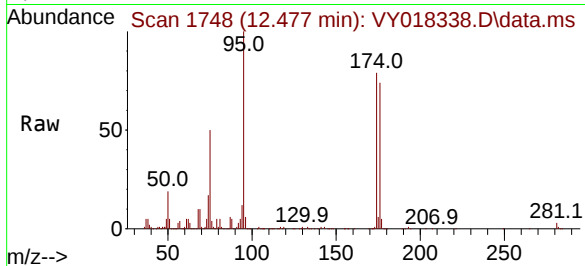




#62
4-Bromofluorobenzene
Concen: 52.404 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018338.D
Acq: 20 May 2024 16:50

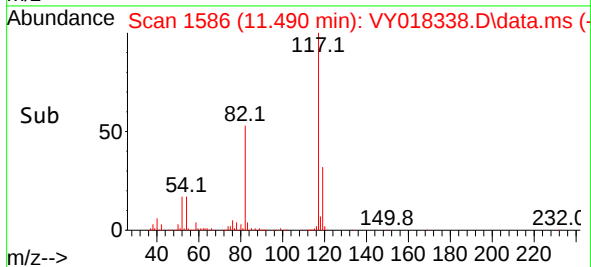
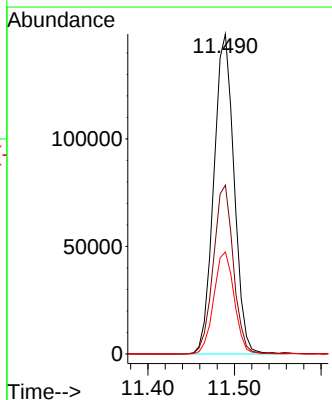
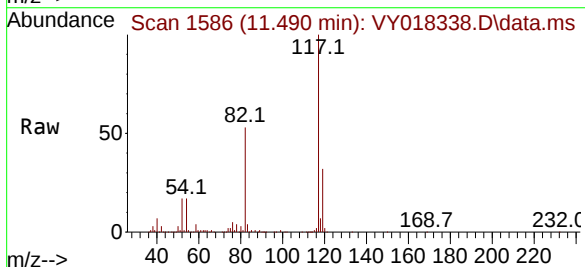
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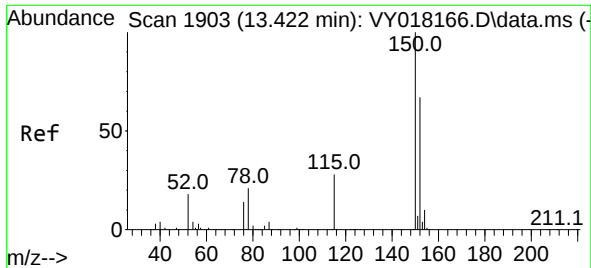
Tgt Ion: 95 Resp: 95905
Ion Ratio Lower Upper
95 100
174 79.7 0.0 175.6
176 77.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018338.D
Acq: 20 May 2024 16:50

Tgt Ion: 117 Resp: 241680
Ion Ratio Lower Upper
117 100
82 52.7 42.4 63.6
119 31.9 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY018338.D
 Acq: 20 May 2024 16:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 WCS-TPI-VOC

Tgt Ion:152 Resp: 93346
 Ion Ratio Lower Upper
 152 100
 115 57.2 28.2 84.7
 150 159.1 0.0 345.6

