

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050924\
 Data File : VY018205.D
 Acq On : 09 May 2024 12:33
 Operator : SY/MD
 Sample : P2422-07
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WCS-TP-F-VOC

Quant Time: May 10 01:16:14 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)

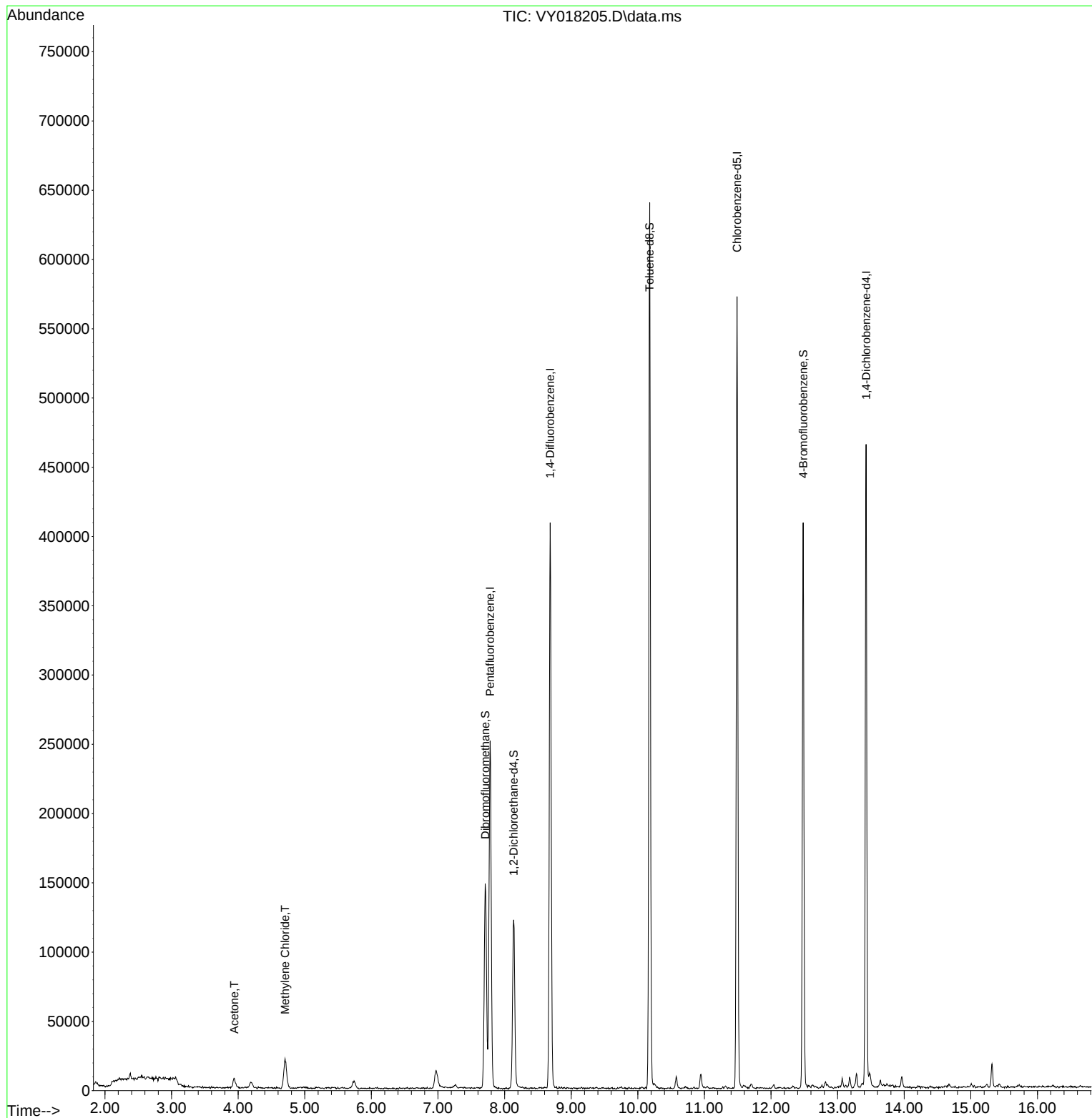
Internal Standards						
1) Pentafluorobenzene	7.783	168	202575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	373964	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	327748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	122262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	88925	59.670	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.340%	
35) Dibromofluoromethane	7.710	113	107047	54.467	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.940%	
50) Toluene-d8	10.179	98	419234	54.132	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.260%	
62) 4-Bromofluorobenzene	12.483	95	126914	50.743	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.480%	
Target Compounds						
						Qvalue
16) Acetone	3.942	43	12012	40.390	ug/l	97
20) Methylene Chloride	4.704	84	16821	8.002	ug/l	100

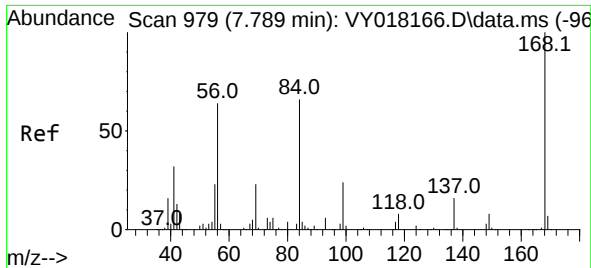
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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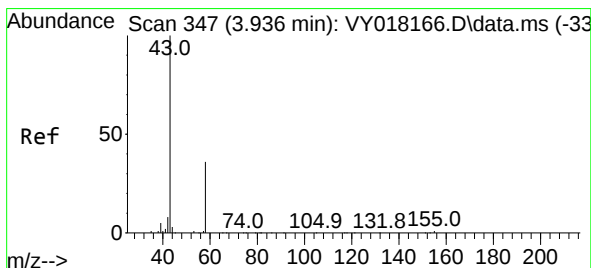
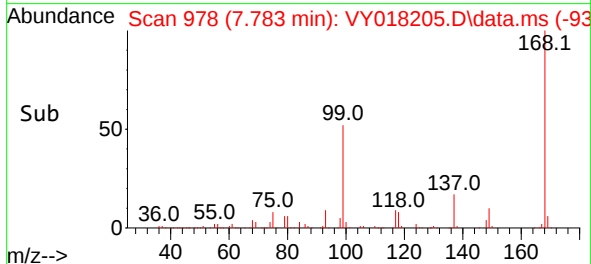
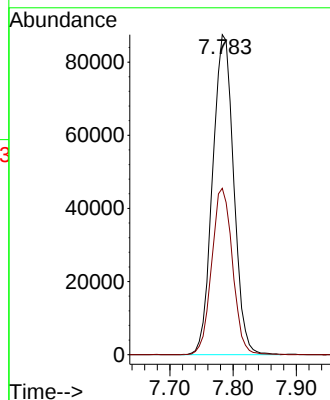
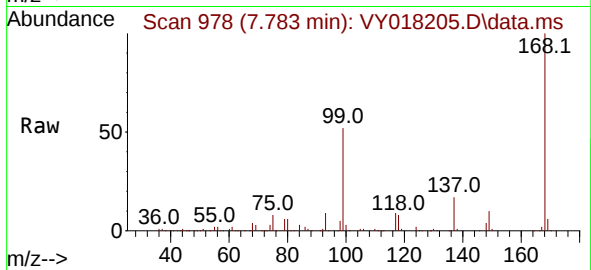




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018205.D
Acq: 09 May 2024 12:33

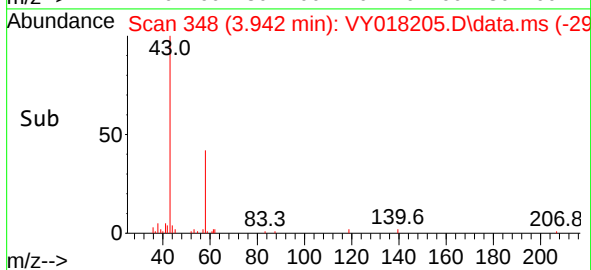
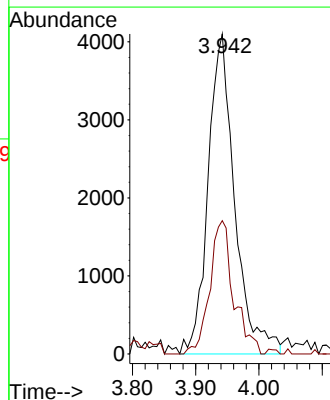
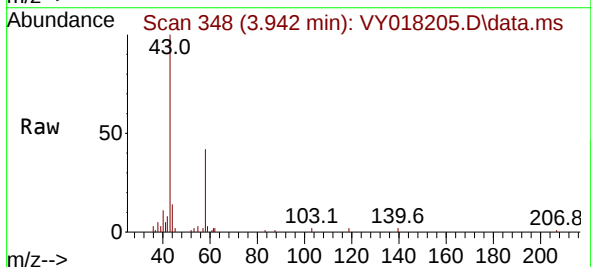
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TP-F-VOC

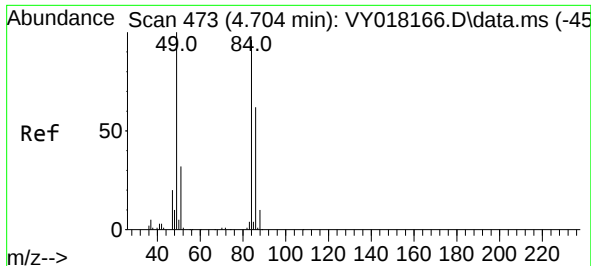
Tgt Ion:168 Resp: 202575
Ion Ratio Lower Upper
168 100
99 52.0 39.1 58.7



#16
Acetone
Concen: 40.390 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY018205.D
Acq: 09 May 2024 12:33

Tgt Ion: 43 Resp: 12012
Ion Ratio Lower Upper
43 100
58 41.6 31.7 47.5

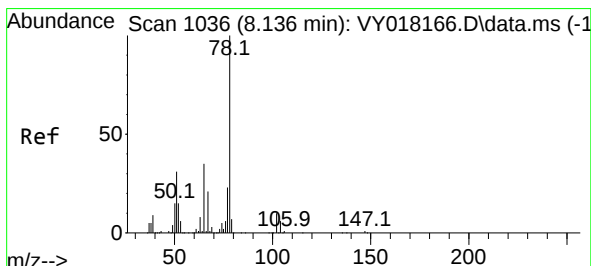
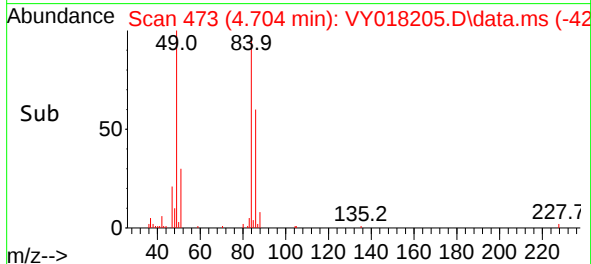
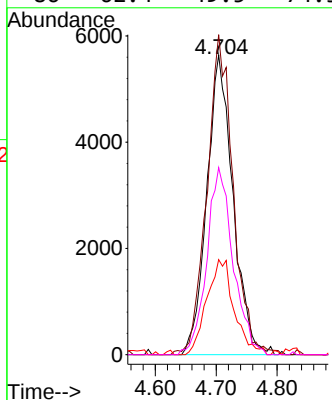
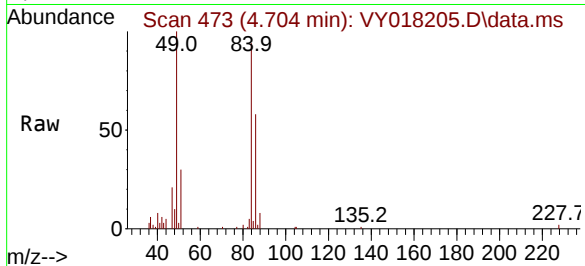




#20
Methylene Chloride
Concen: 8.002 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018205.D
Acq: 09 May 2024 12:33

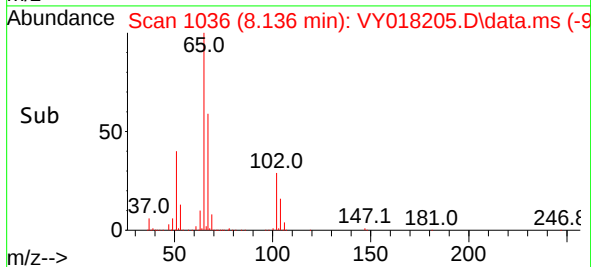
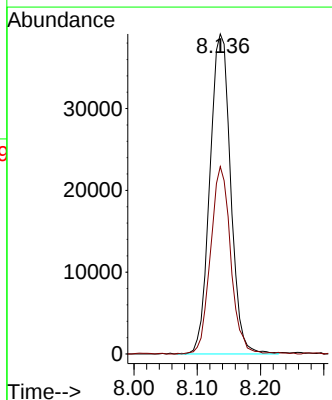
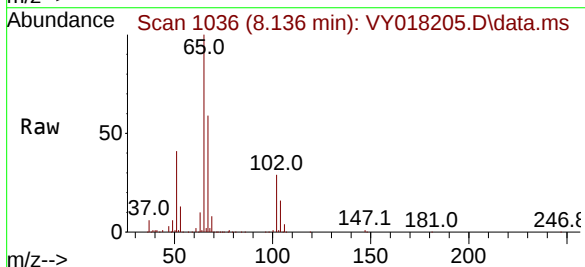
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TP-F-VOC

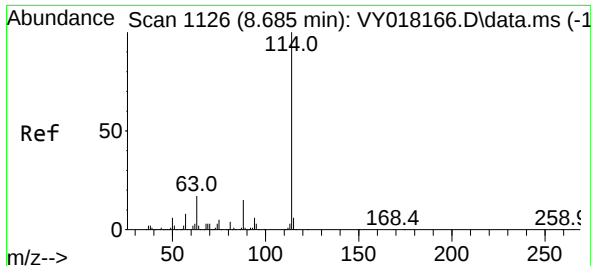
Tgt Ion: 84	Resp: 16821
Ion Ratio	Lower Upper
84 100	
49 105.4	84.4 126.6
51 31.7	26.0 39.0
86 62.4	49.5 74.3



#33
1,2-Dichloroethane-d4
Concen: 59.670 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018205.D
Acq: 09 May 2024 12:33

Tgt Ion: 65	Resp: 88925
Ion Ratio	Lower Upper
65 100	
67 56.9	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: VY018205.D

Acq: 09 May 2024 12:33

Instrument :

MSVOA_Y

ClientSampleId :

WCS-TP-F-VOC

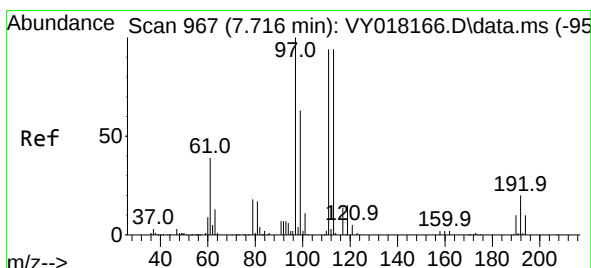
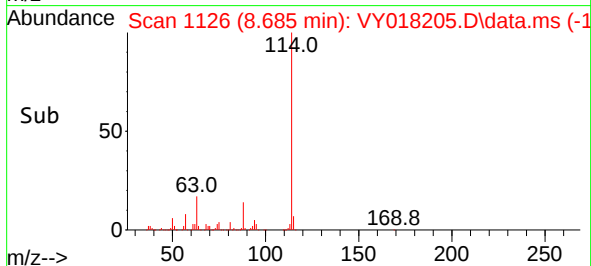
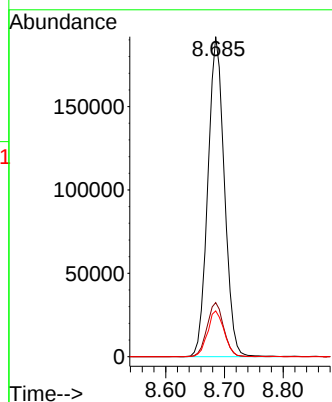
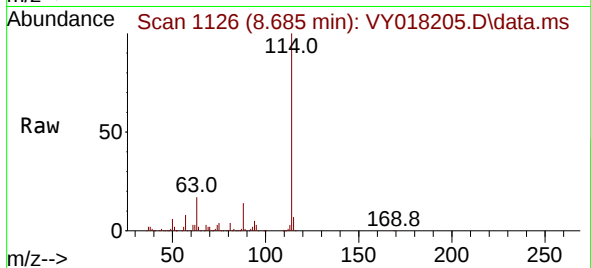
Tgt Ion:114 Resp: 373964

Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.0

88 14.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.467 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY018205.D

Acq: 09 May 2024 12:33

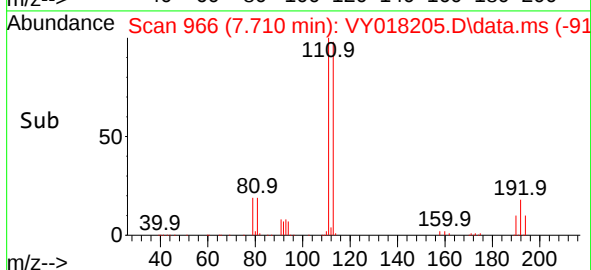
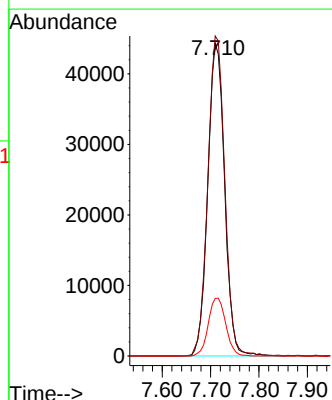
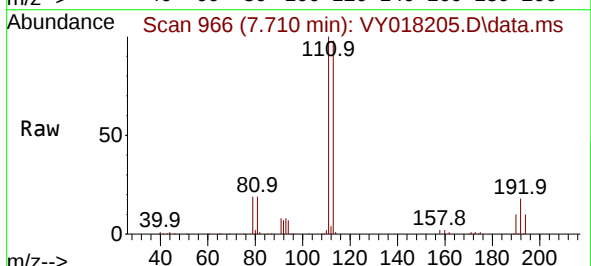
Tgt Ion:113 Resp: 107047

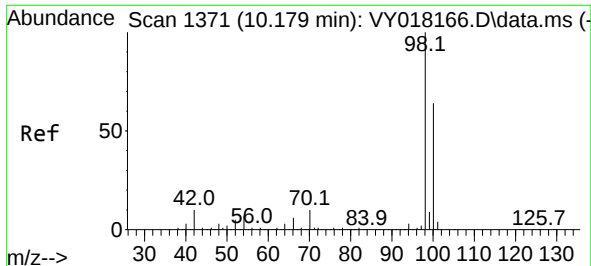
Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.4

192 19.2 15.9 23.9

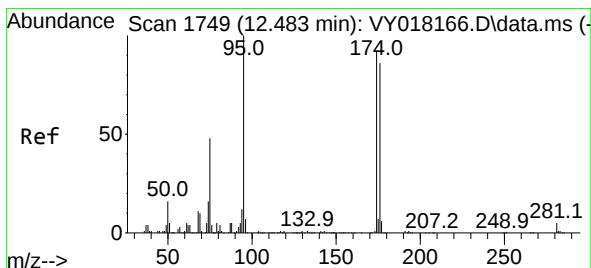
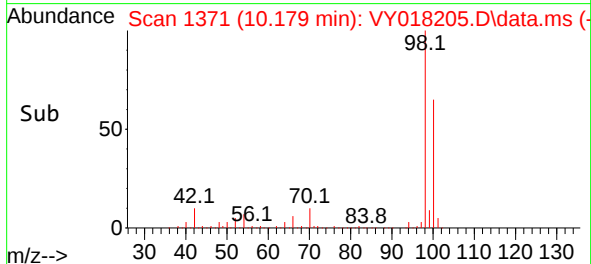
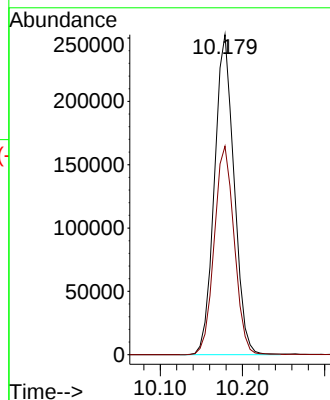
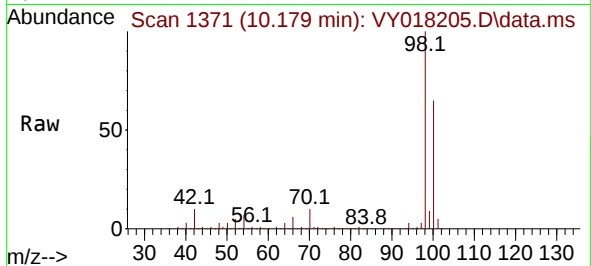




#50
Toluene-d8
Concen: 54.132 ug/l
RT: 10.179 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY018205.D
Acq: 09 May 2024 12:33

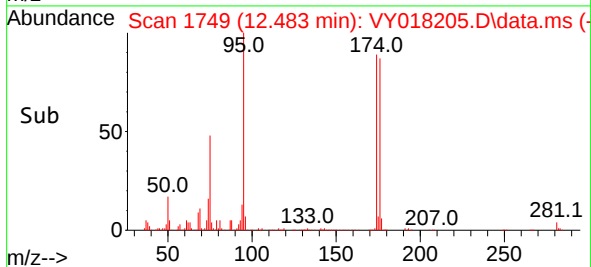
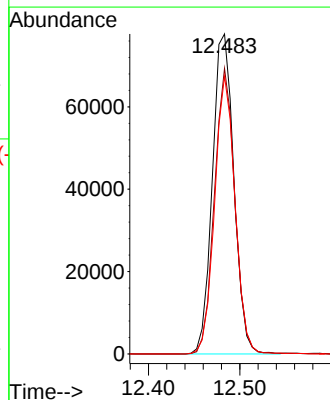
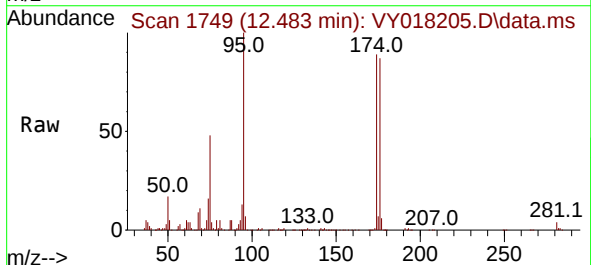
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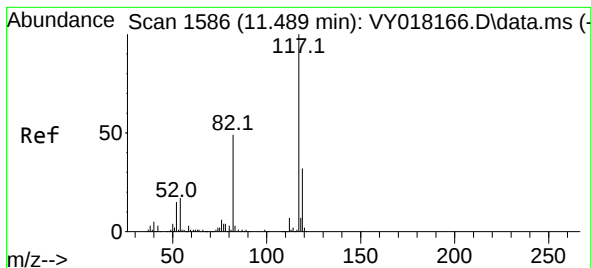
Tgt Ion: 98 Resp: 419234
Ion Ratio Lower Upper
98 100
100 66.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.743 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018205.D
Acq: 09 May 2024 12:33

Tgt Ion: 95 Resp: 126914
Ion Ratio Lower Upper
95 100
174 84.7 0.0 175.6
176 82.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018205.D

Acq: 09 May 2024 12:33

Instrument :

MSVOA_Y

ClientSampleId :

WCS-TP-F-VOC

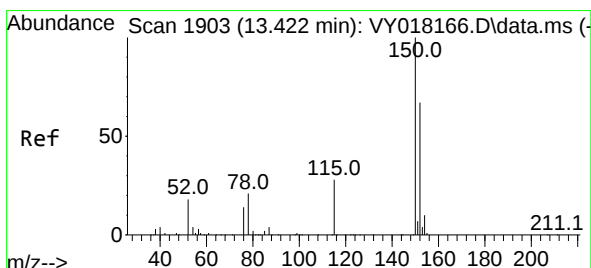
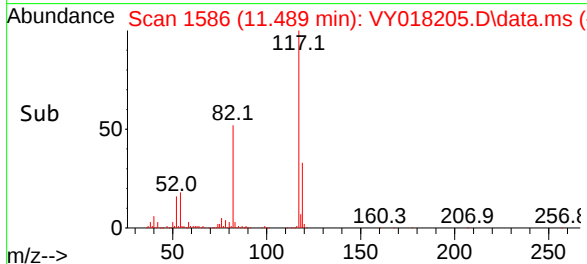
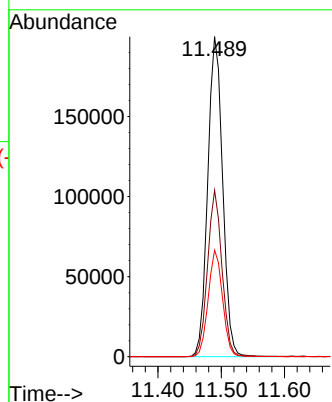
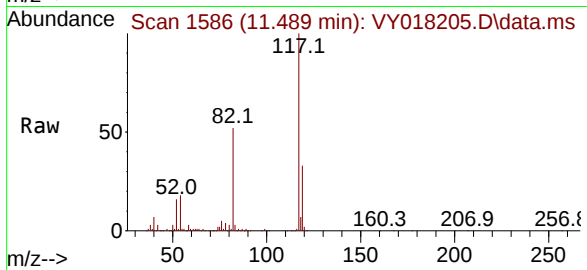
Tgt Ion:117 Resp: 327748

Ion Ratio Lower Upper

117 100

82 52.0 42.4 63.6

119 33.3 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY018205.D

Acq: 09 May 2024 12:33

Tgt Ion:152 Resp: 122262

Ion Ratio Lower Upper

152 100

115 56.4 28.2 84.7

150 157.2 0.0 345.6

