

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050924\
 Data File : VY018206.D
 Acq On : 09 May 2024 12:56
 Operator : SY/MD
 Sample : P2422-03
 Misc : 4.30g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: May 10 01:16:40 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)

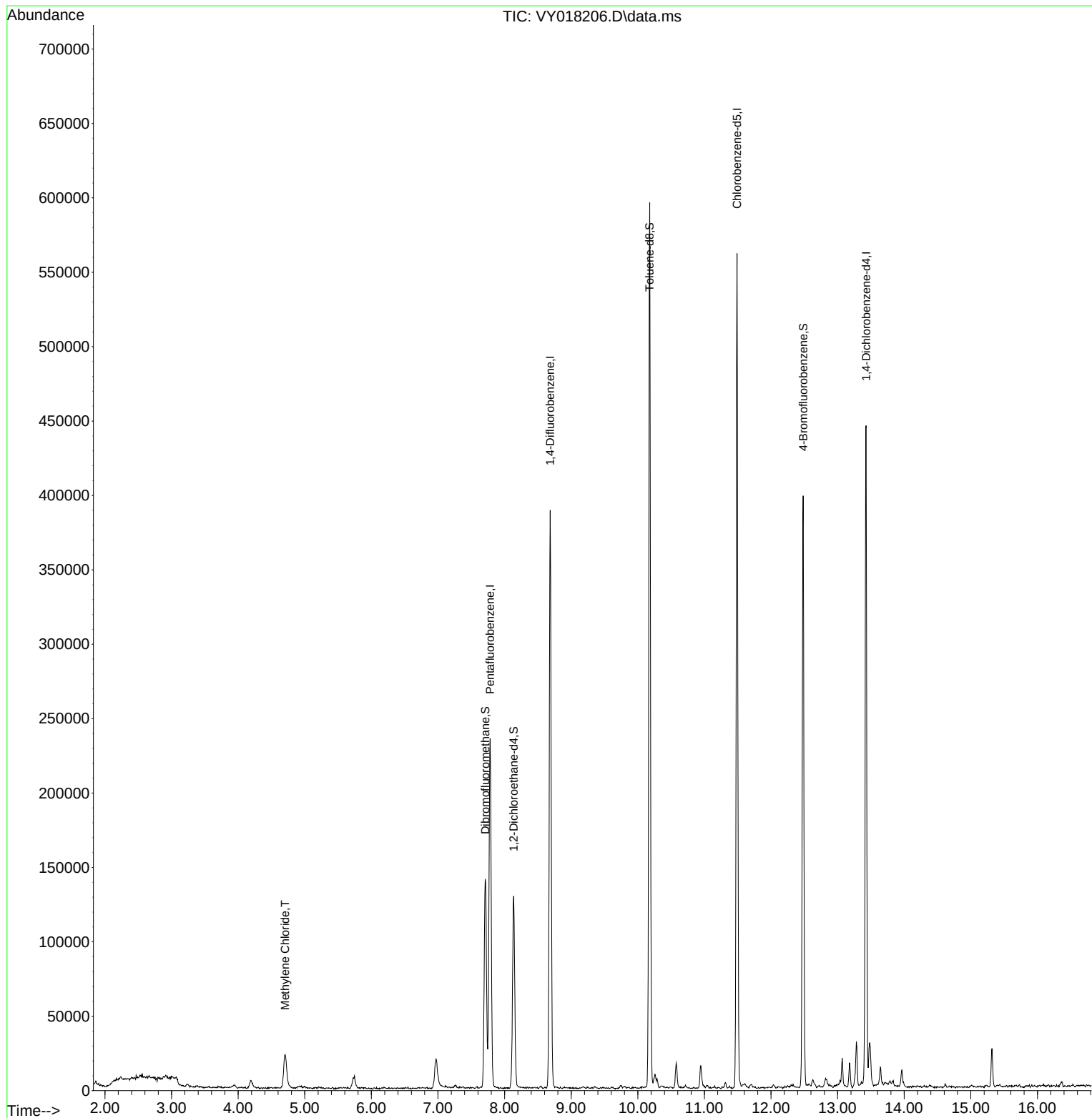
Internal Standards						
1) Pentafluorobenzene	7.783	168	191383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	358992	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	317562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	117841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	91930	65.294	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.580%
35) Dibromofluoromethane	7.710	113	103024	54.606	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.220%
50) Toluene-d8	10.179	98	402664	54.160	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.320%
62) 4-Bromofluorobenzene	12.483	95	121697	50.687	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.380%
Target Compounds						
20) Methylene Chloride	4.704	84	19063	9.599	ug/l	Qvalue 96

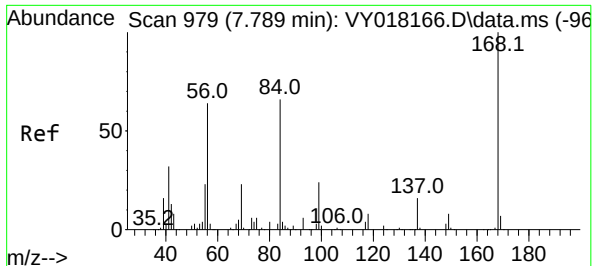
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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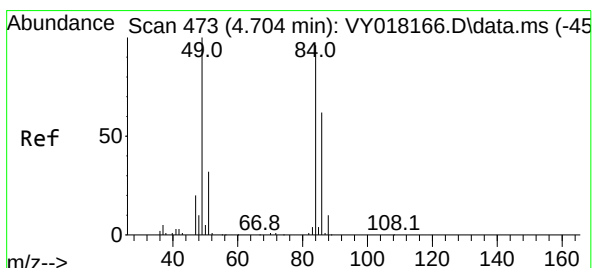
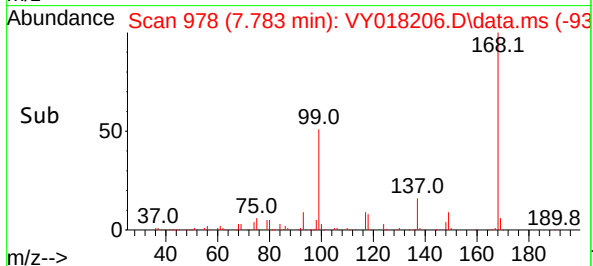
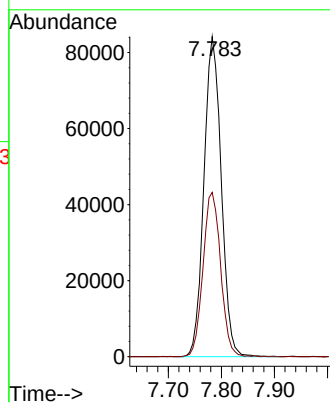
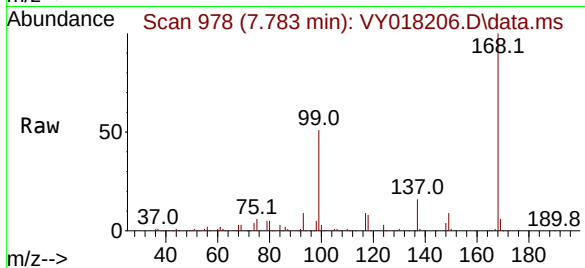




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018206.D
Acq: 09 May 2024 12:56

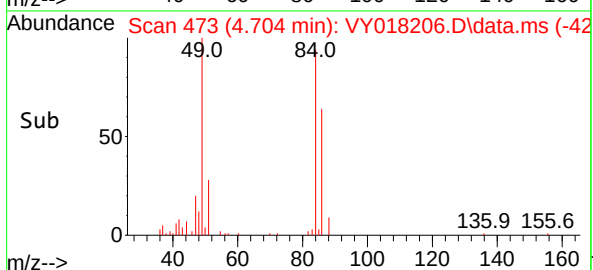
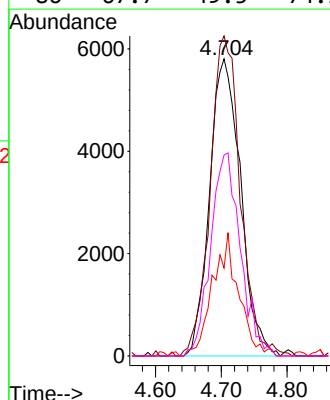
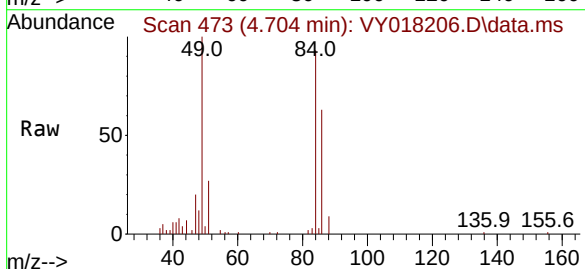
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TP-D-VOC

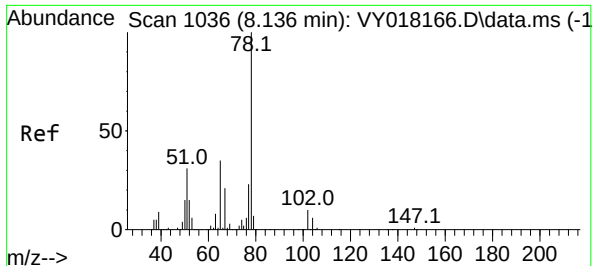
Tgt Ion:168 Resp: 191383
Ion Ratio Lower Upper
168 100
99 51.3 39.1 58.7



#20
Methylene Chloride
Concen: 9.599 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.000 min
Lab File: VY018206.D
Acq: 09 May 2024 12:56

Tgt Ion: 84 Resp: 19063
Ion Ratio Lower Upper
84 100
49 107.7 84.4 126.6
51 29.6 26.0 39.0
86 67.7 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 65.294 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY018206.D

Acq: 09 May 2024 12:56

Instrument :

MSVOA_Y

ClientSampleId :

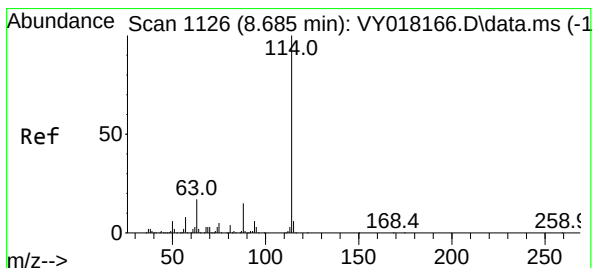
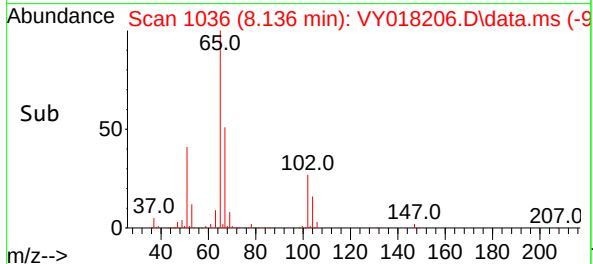
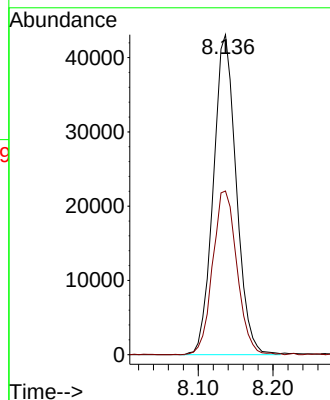
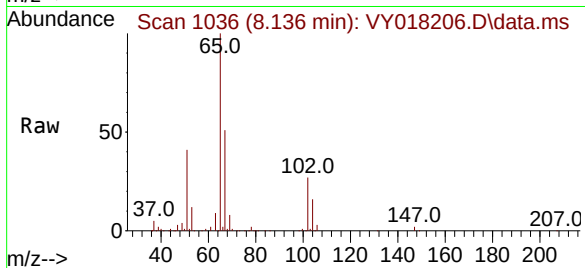
WCS-TP-D-VOC

Tgt Ion: 65 Resp: 91930

Ion Ratio Lower Upper

65 100

67 54.2 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: VY018206.D

Acq: 09 May 2024 12:56

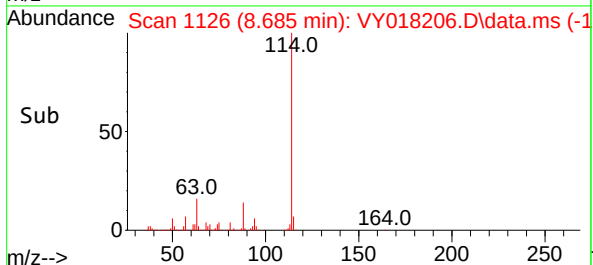
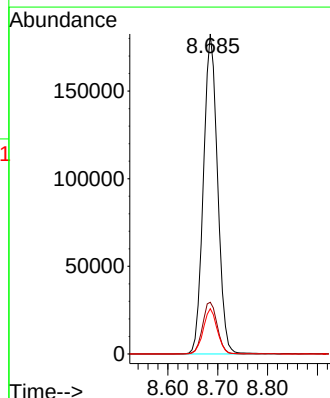
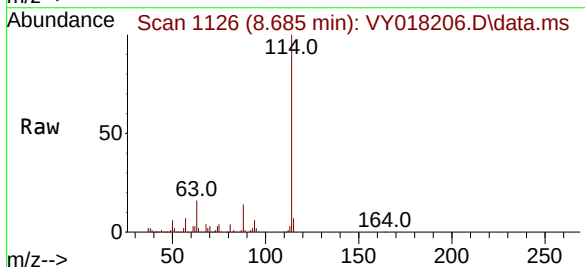
Tgt Ion: 114 Resp: 358992

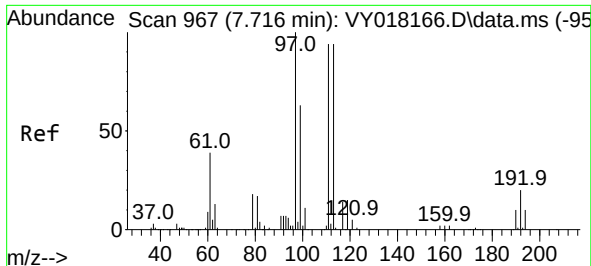
Ion Ratio Lower Upper

114 100

63 16.2 0.0 35.0

88 14.2 0.0 27.2

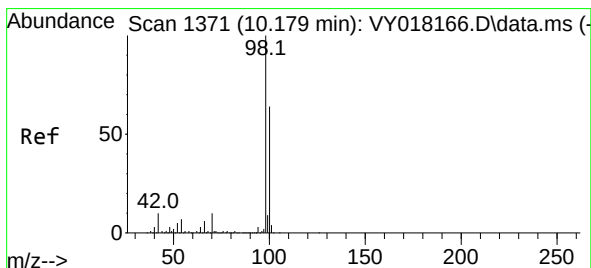
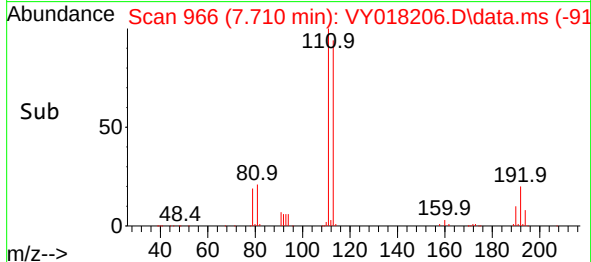
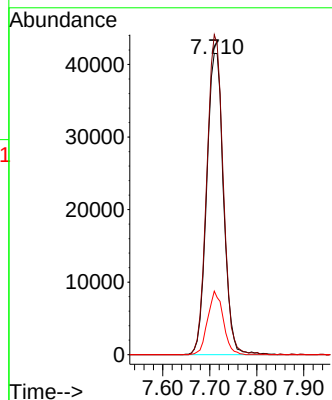
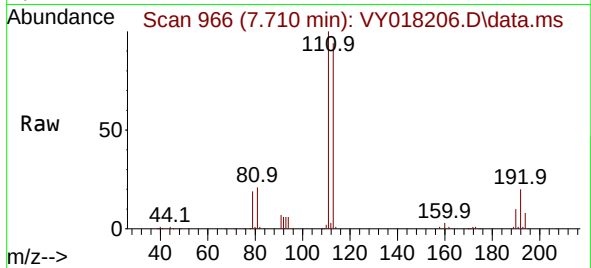




#35
Dibromofluoromethane
Concen: 54.606 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018206.D
Acq: 09 May 2024 12:56

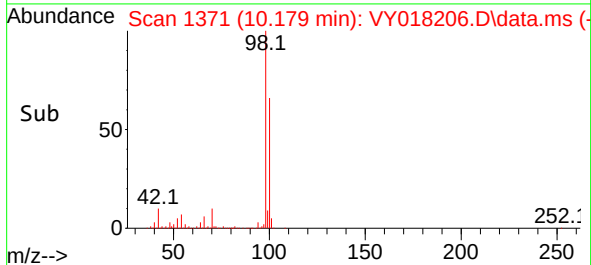
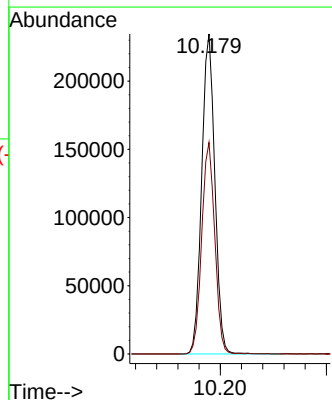
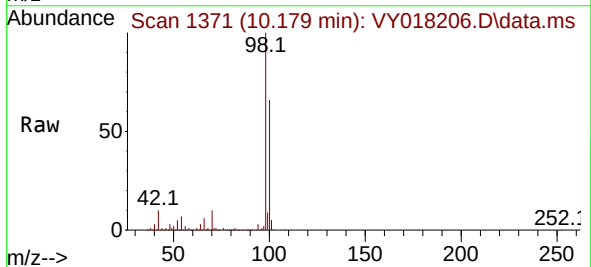
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TP-D-VOC

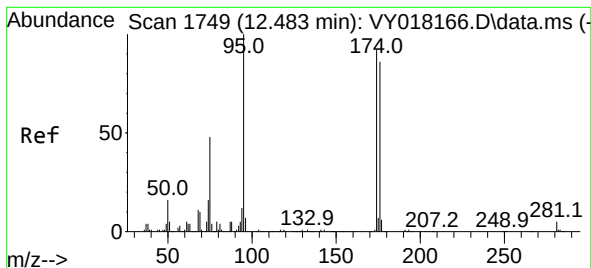
Tgt Ion:113 Resp: 103024
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.4
192 19.5 15.9 23.9



#50
Toluene-d8
Concen: 54.160 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY018206.D
Acq: 09 May 2024 12:56

Tgt Ion: 98 Resp: 402664
Ion Ratio Lower Upper
98 100
100 65.9 52.0 78.0

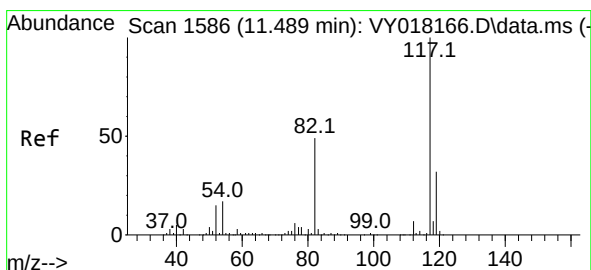
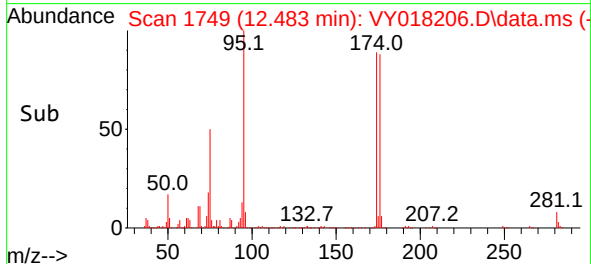
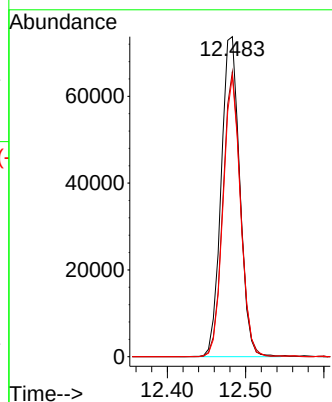
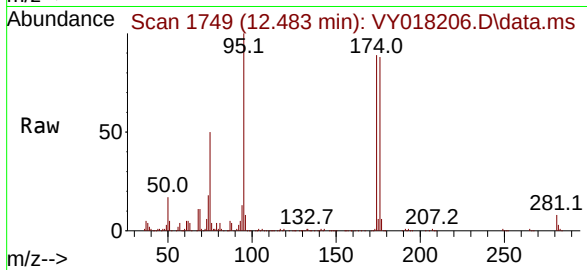




#62
4-Bromofluorobenzene
Concen: 50.687 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY018206.D
Acq: 09 May 2024 12:56

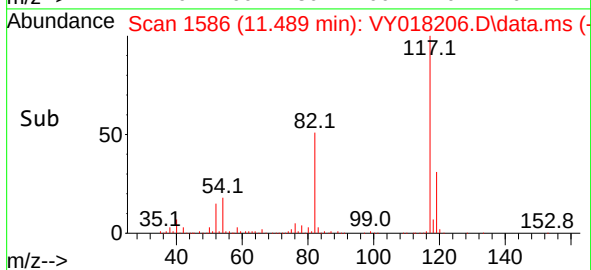
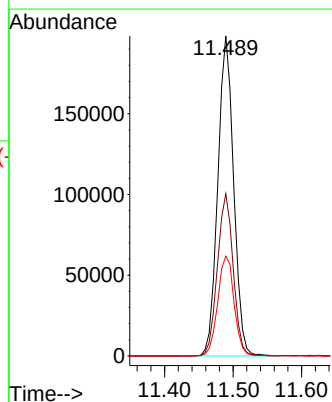
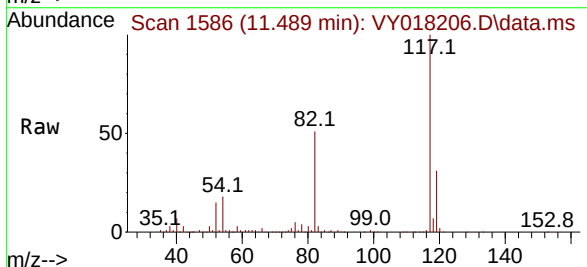
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TP-D-VOC

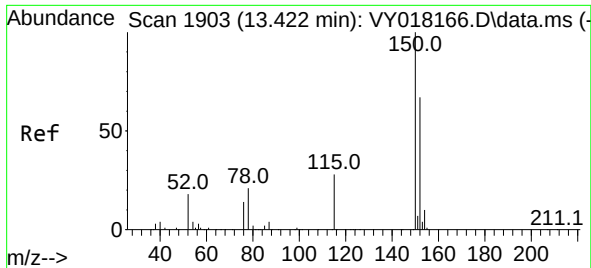
Tgt Ion: 95 Resp: 121697
Ion Ratio Lower Upper
95 100
174 84.3 0.0 175.6
176 82.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY018206.D
Acq: 09 May 2024 12:56

Tgt Ion: 117 Resp: 317562
Ion Ratio Lower Upper
117 100
82 50.7 42.4 63.6
119 31.2 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: VY018206.D

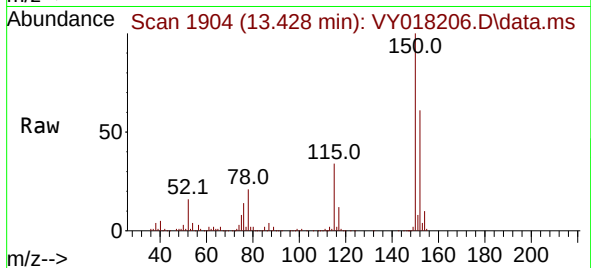
Acq: 09 May 2024 12:56

Instrument :

MSVOA_Y

ClientSampleId :

WCS-TP-D-VOC



Tgt Ion:152 Resp: 117841

Ion Ratio Lower Upper

152 100

115 57.6 28.2 84.7

150 159.7 0.0 345.6

