

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061424\
 Data File : VY018601.D
 Acq On : 14 Jun 2024 17:48
 Operator : SY/MD
 Sample : P2889-03
 Misc : 3.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WCS-TPJ-VOC

Quant Time: Jun 14 23:25:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

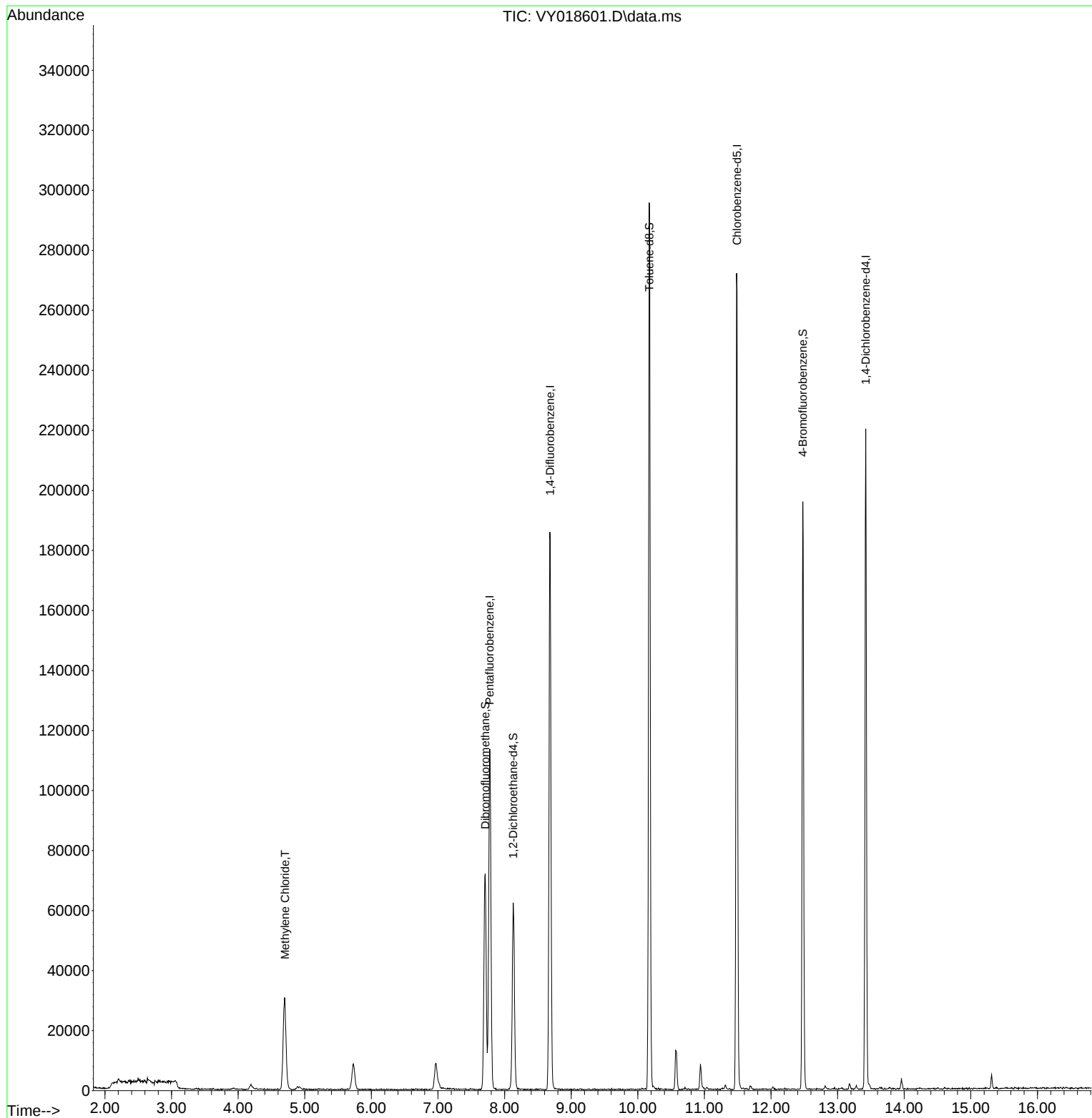
Internal Standards						
1) Pentafluorobenzene	7.777	168	86628	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	166017	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	149656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	54143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	47497	54.459	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.920%
35) Dibromofluoromethane	7.710	113	52168	51.512	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.020%
50) Toluene-d8	10.173	98	194585	49.963	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.920%
62) 4-Bromofluorobenzene	12.477	95	54968	44.696	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.400%
Target Compounds						Qvalue
20) Methylene Chloride	4.704	84	22551	14.208	ug/l	95

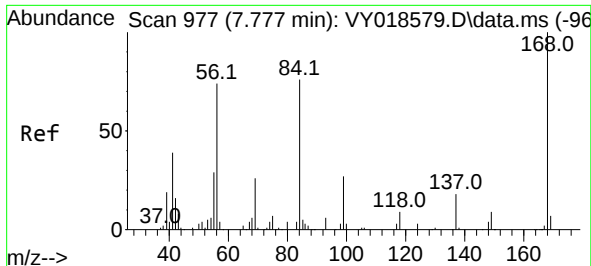
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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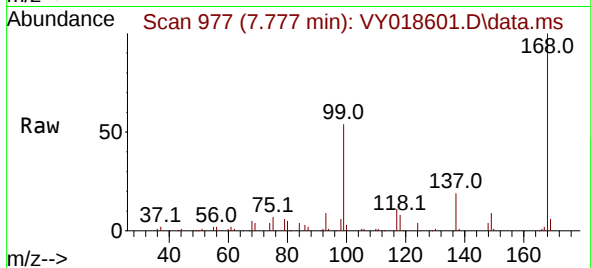
Quant Time: Jun 14 23:25:12 2024
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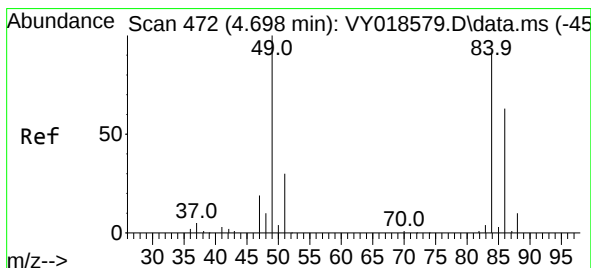
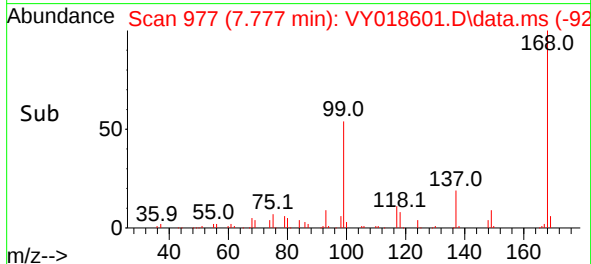
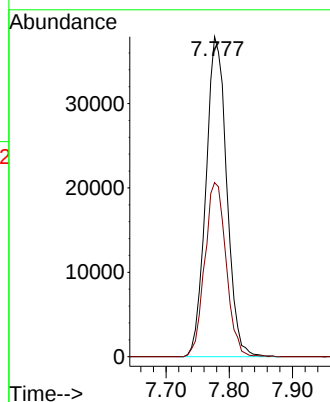


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018601.D
Acq: 14 Jun 2024 17:48

Instrument :
MSVOA_Y
ClientSampleId :
WCS-TPJ-VOC

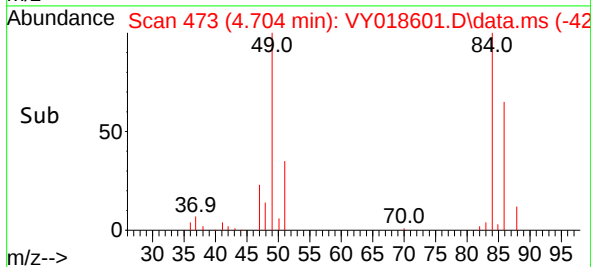
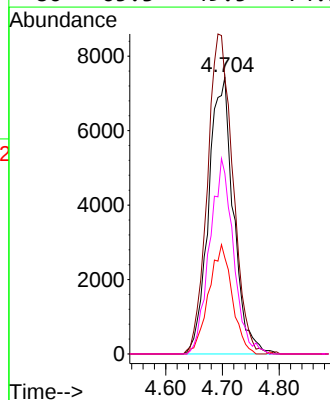
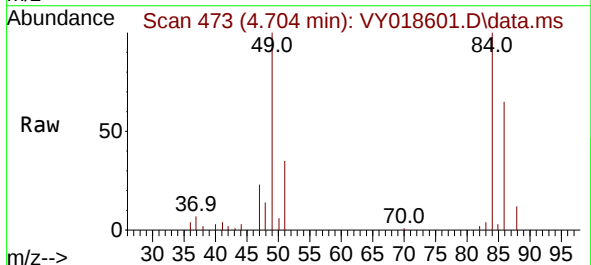


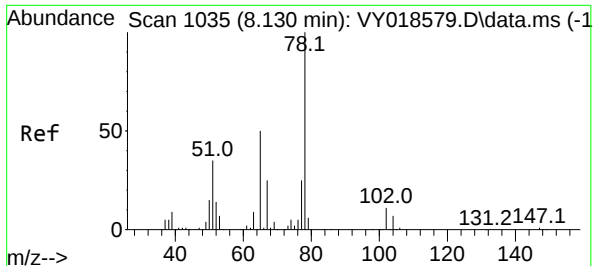
Tgt Ion:168 Resp: 86628
Ion Ratio Lower Upper
168 100
99 54.4 39.1 58.7



#20
Methylene Chloride
Concen: 14.208 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY018601.D
Acq: 14 Jun 2024 17:48

Tgt Ion: 84 Resp: 22551
Ion Ratio Lower Upper
84 100
49 99.5 84.4 126.6
51 34.8 26.0 39.0
86 65.3 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 54.459 ug/l

RT: 8.130 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY018601.D

Acq: 14 Jun 2024 17:48

Instrument :

MSVOA_Y

ClientSampleId :

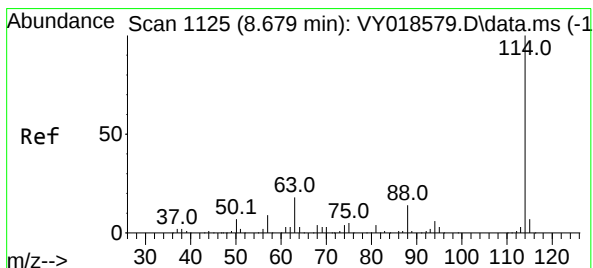
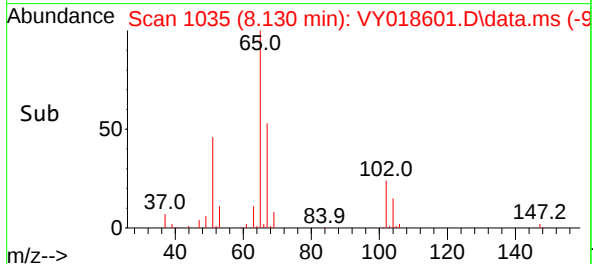
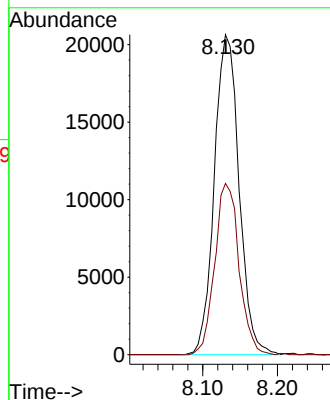
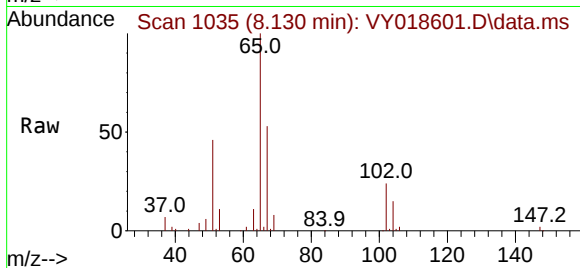
WCS-TPJ-VOC

Tgt Ion: 65 Resp: 47497

Ion Ratio Lower Upper

65 100

67 52.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY018601.D

Acq: 14 Jun 2024 17:48

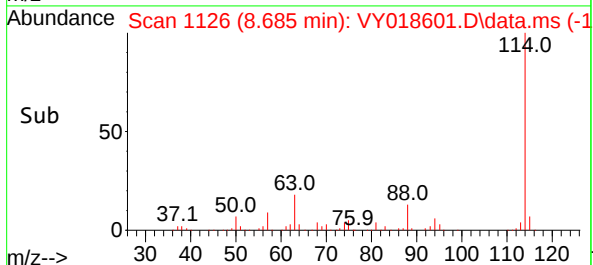
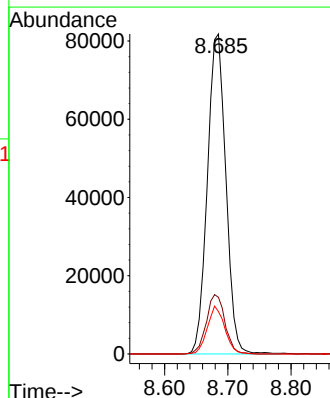
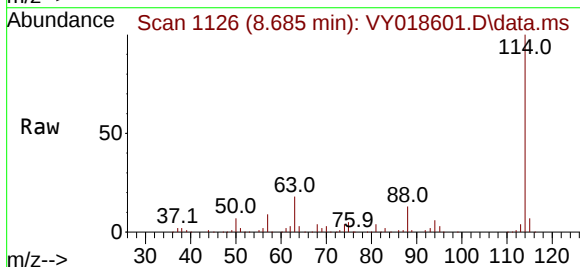
Tgt Ion: 114 Resp: 166017

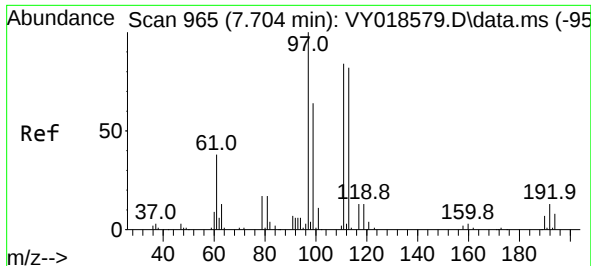
Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

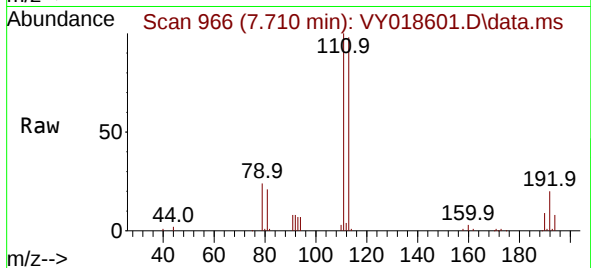
88 13.2 0.0 27.2



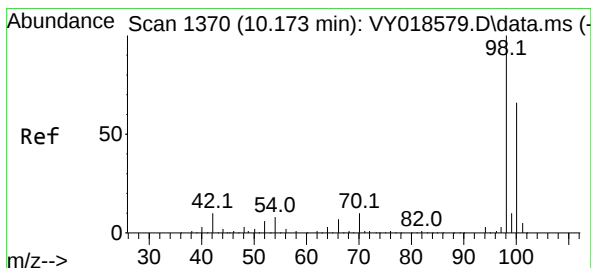
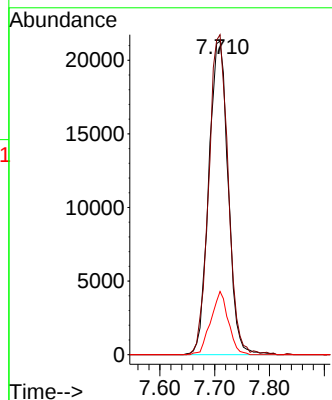
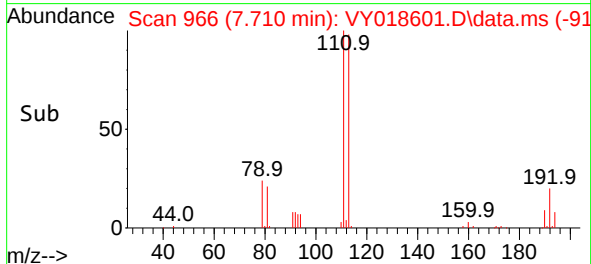


#35
Dibromofluoromethane
Concen: 51.512 ug/l
RT: 7.710 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018601.D
Acq: 14 Jun 2024 17:48

Instrument :
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ClientSampleId :
WCS-TPJ-VOC

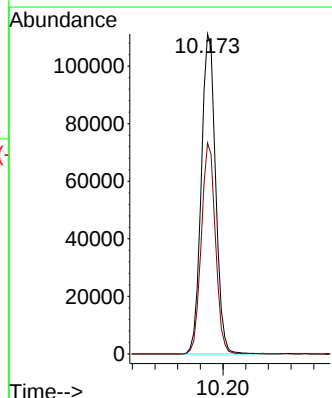
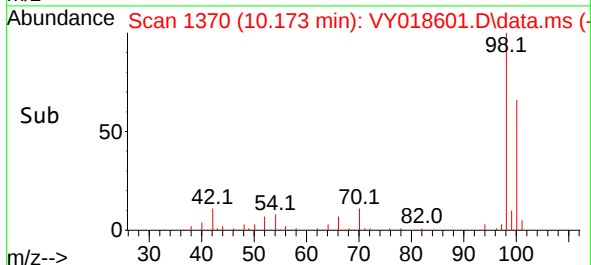
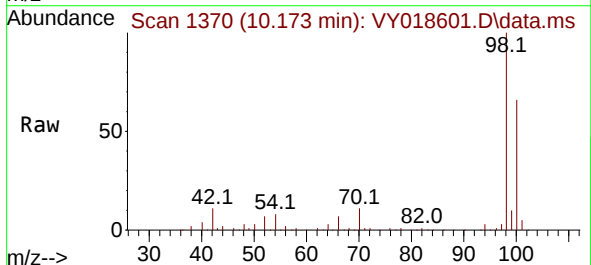


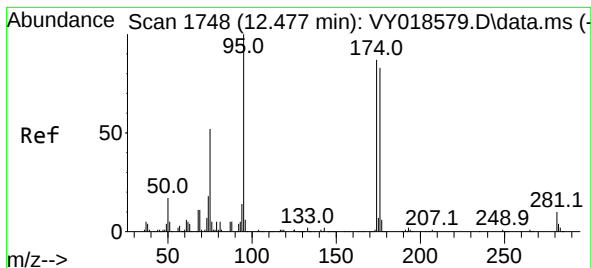
Tgt Ion:113 Resp: 52168
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 18.2 15.9 23.9



#50
Toluene-d8
Concen: 49.963 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018601.D
Acq: 14 Jun 2024 17:48

Tgt Ion: 98 Resp: 194585
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0

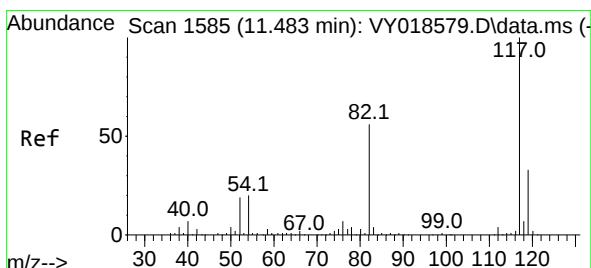
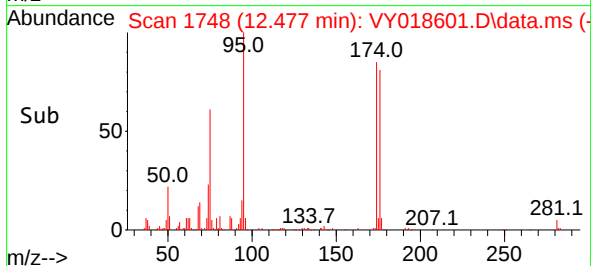
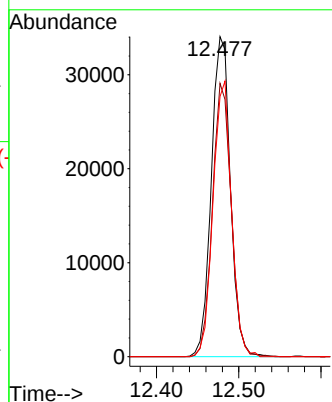
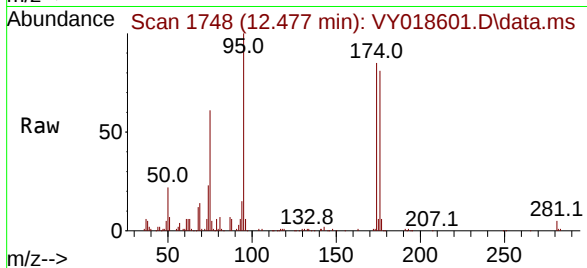




#62
4-Bromofluorobenzene
Concen: 44.696 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018601.D
Acq: 14 Jun 2024 17:48

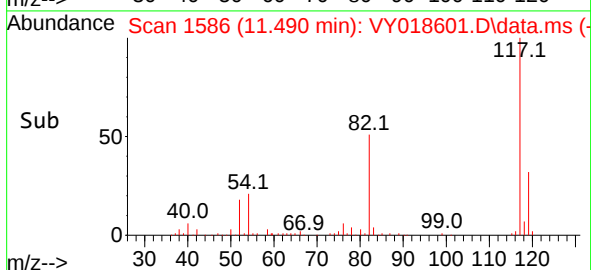
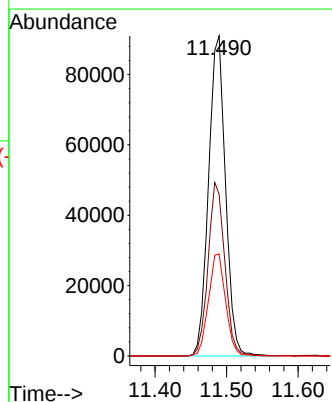
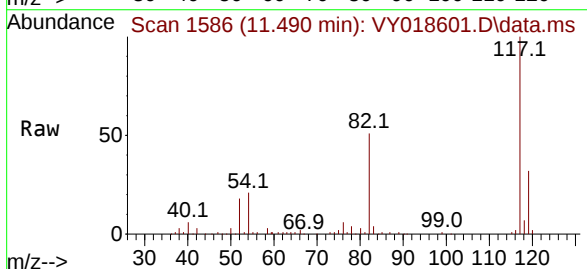
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TPJ-VOC

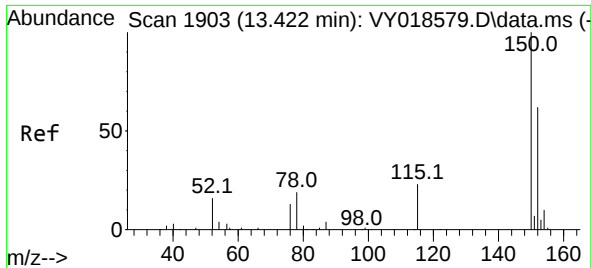
Tgt Ion: 95 Resp: 54968
Ion Ratio Lower Upper
95 100
174 83.8 0.0 175.6
176 83.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.006 min
Lab File: VY018601.D
Acq: 14 Jun 2024 17:48

Tgt Ion: 117 Resp: 149656
Ion Ratio Lower Upper
117 100
82 50.6 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: VY018601.D
 Acq: 14 Jun 2024 17:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 WCS-TPJ-VOC

Tgt Ion:152 Resp: 54143
 Ion Ratio Lower Upper
 152 100
 115 58.6 28.2 84.7
 150 164.4 0.0 345.6

