

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071024\
 Data File : VY018770.D
 Acq On : 10 Jul 2024 16:37
 Operator : SY/MD
 Sample : P3187-07
 Misc : 5.42g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-2-VOC

Quant Time: Jul 11 02:25:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

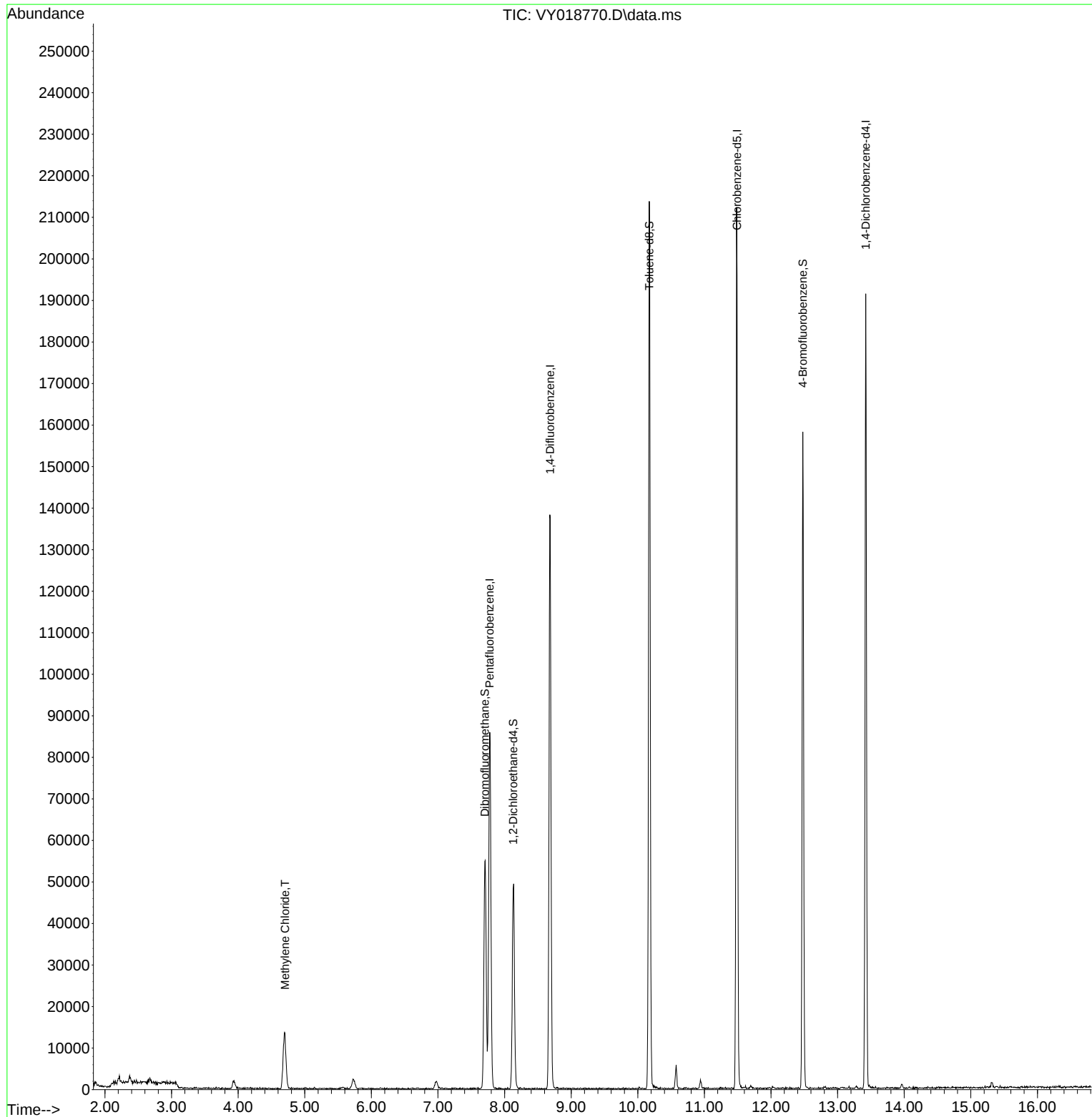
Internal Standards						
1) Pentafluorobenzene	7.777	168	68544	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	123617	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	112509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	48620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	38306	56.793	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.580%
35) Dibromofluoromethane	7.704	113	38729	50.022	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.040%
50) Toluene-d8	10.173	98	139871	47.684	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.360%
62) 4-Bromofluorobenzene	12.477	95	44802	44.725	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.440%
Target Compounds						
20) Methylene Chloride	4.704	84	10253	10.653	ug/l	Qvalue # 89

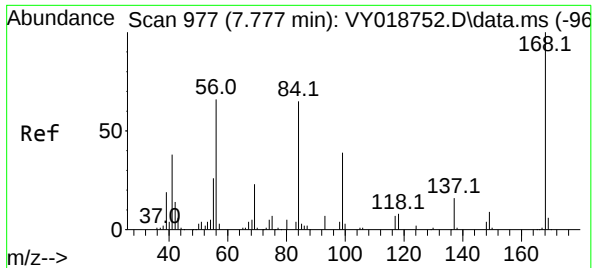
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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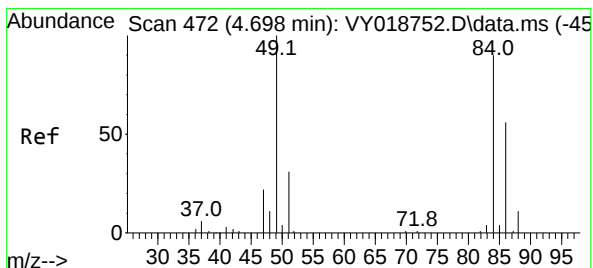
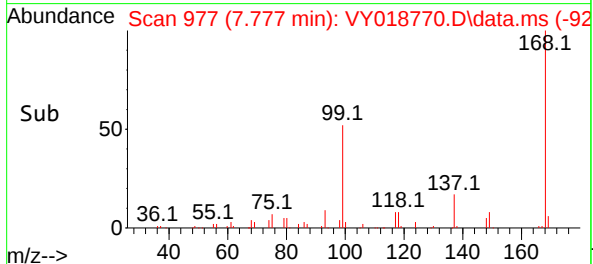
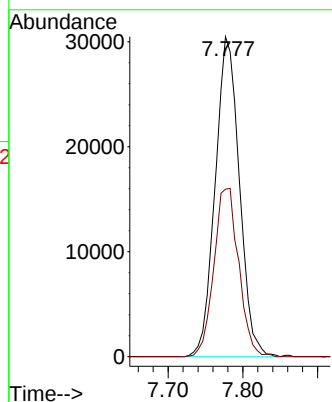
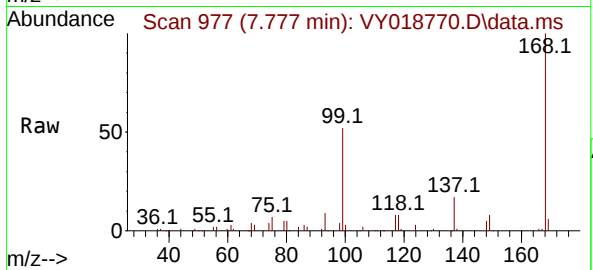




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018770.D
Acq: 10 Jul 2024 16:37

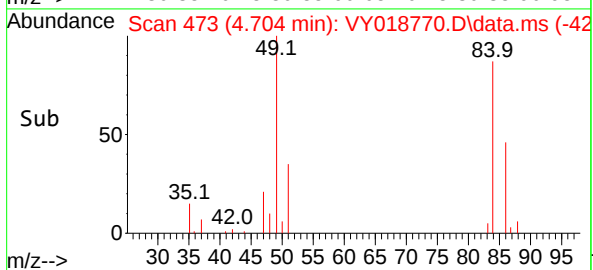
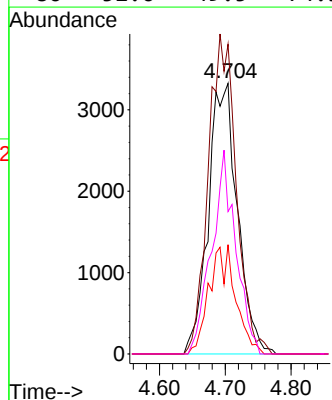
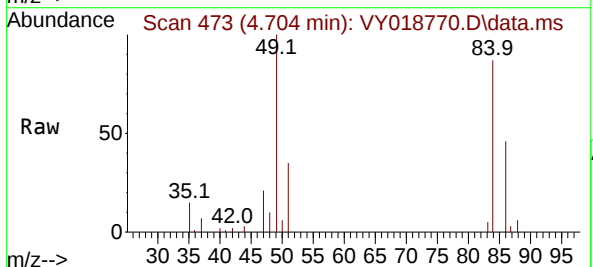
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-VOC

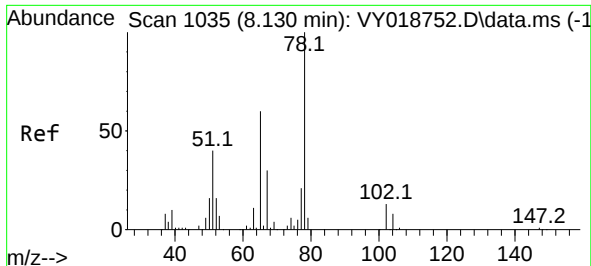
Tgt Ion:168 Resp: 68544
Ion Ratio Lower Upper
168 100
99 52.3 39.1 58.7



#20
Methylene Chloride
Concen: 10.653 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY018770.D
Acq: 10 Jul 2024 16:37

Tgt Ion: 84 Resp: 10253
Ion Ratio Lower Upper
84 100
49 114.5 84.4 126.6
51 40.4 26.0 39.0#
86 52.6 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 56.793 ug/l

RT: 8.130 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018770.D

Acq: 10 Jul 2024 16:37

Instrument :

MSVOA_Y

ClientSampleId :

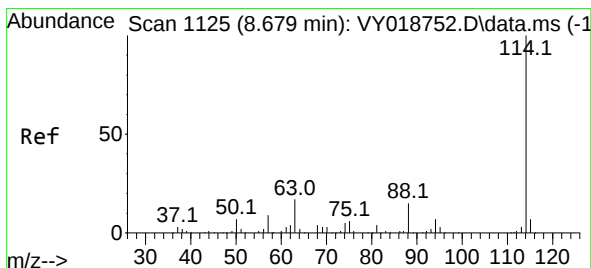
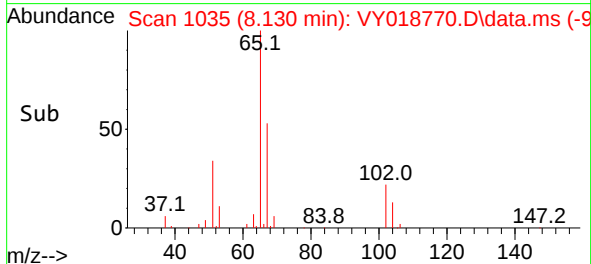
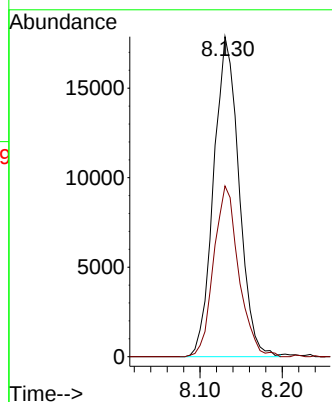
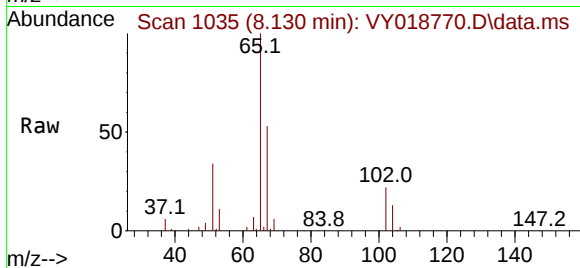
WC-2-VOC

Tgt Ion: 65 Resp: 38306

Ion Ratio Lower Upper

65 100

67 52.7 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: VY018770.D

Acq: 10 Jul 2024 16:37

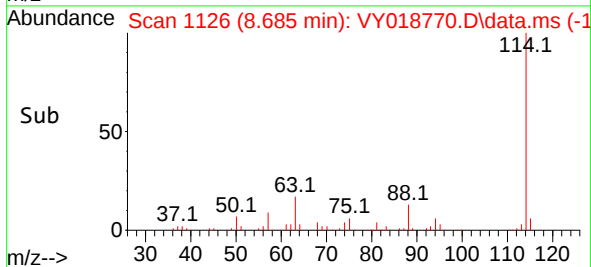
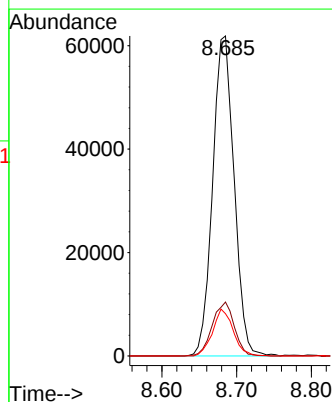
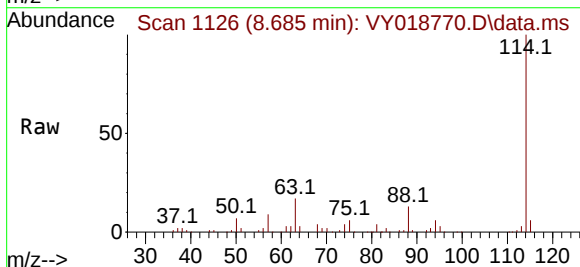
Tgt Ion: 114 Resp: 123617

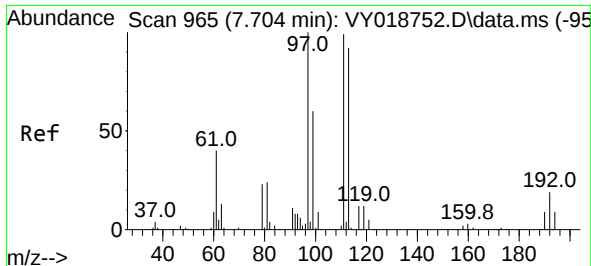
Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.0

88 13.2 0.0 27.2

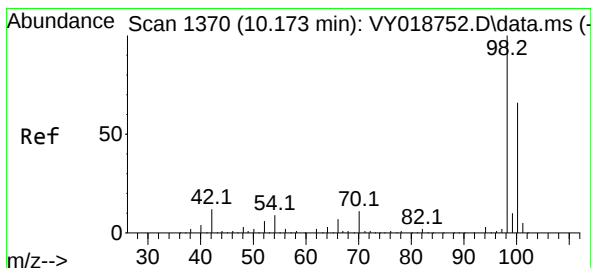
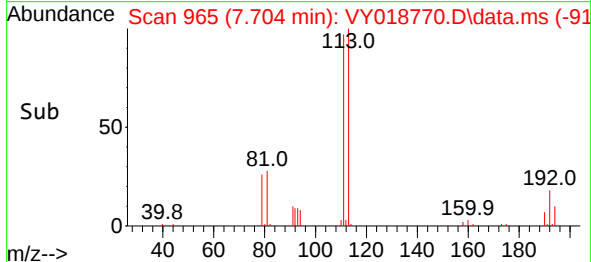
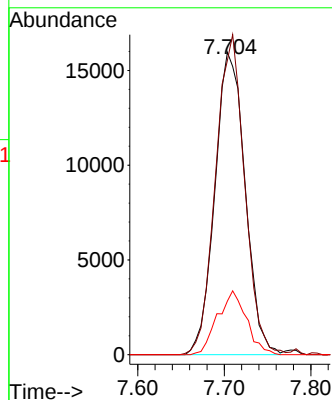
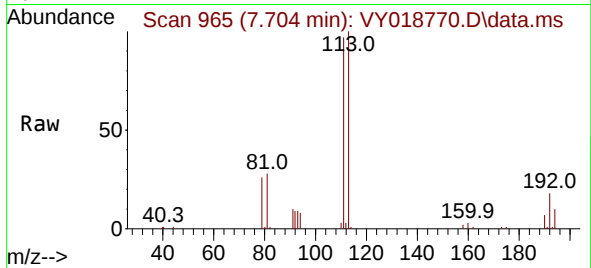




#35
Dibromofluoromethane
Concen: 50.022 ug/l
RT: 7.704 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018770.D
Acq: 10 Jul 2024 16:37

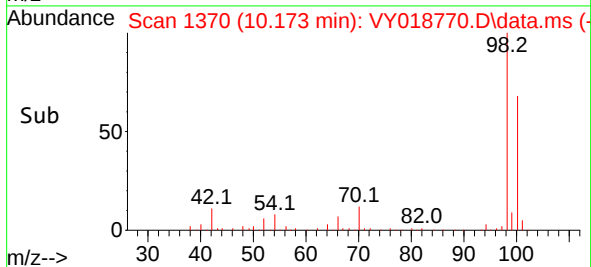
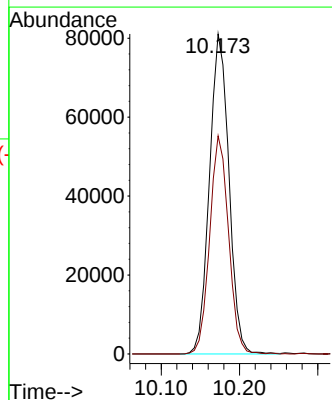
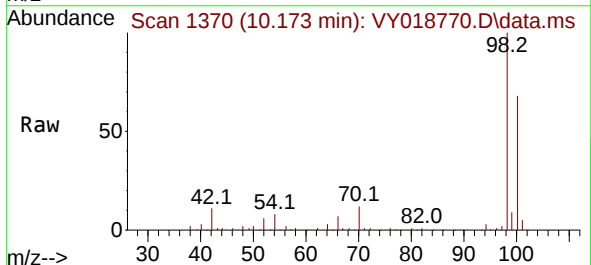
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-VOC

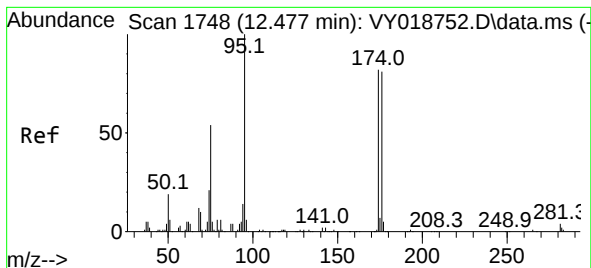
Tgt Ion:113 Resp: 38729
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.4
192 20.3 15.9 23.9



#50
Toluene-d8
Concen: 47.684 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018770.D
Acq: 10 Jul 2024 16:37

Tgt Ion: 98 Resp: 139871
Ion Ratio Lower Upper
98 100
100 65.9 52.0 78.0

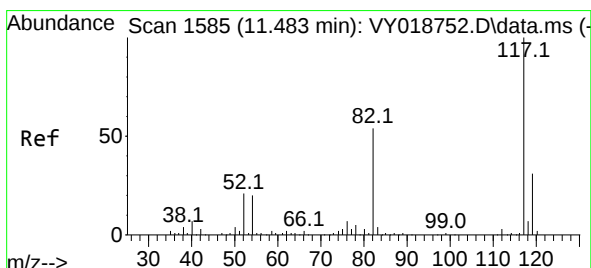
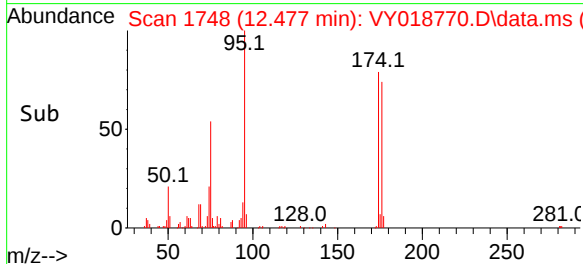
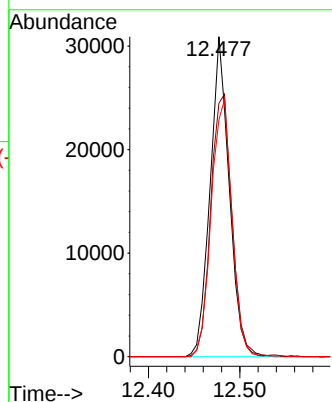
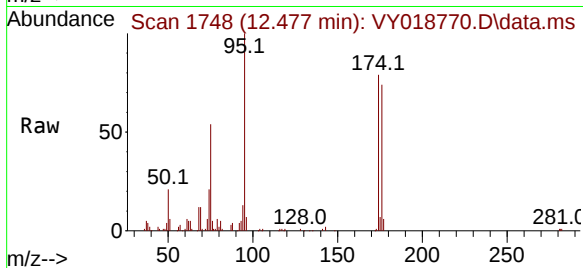




#62
4-Bromofluorobenzene
Concen: 44.725 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018770.D
Acq: 10 Jul 2024 16:37

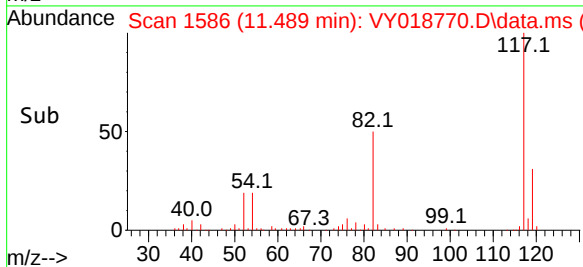
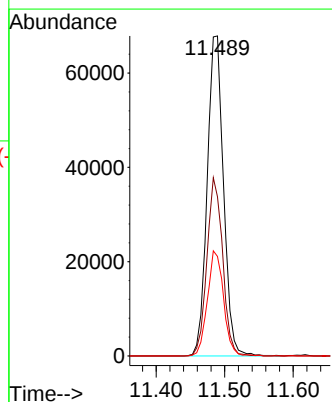
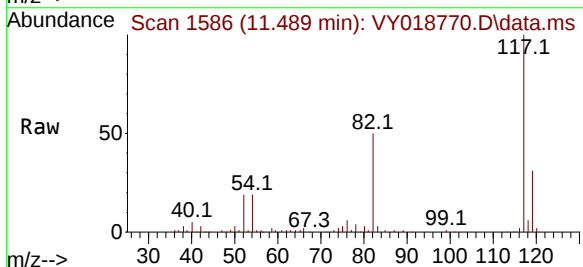
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-VOC

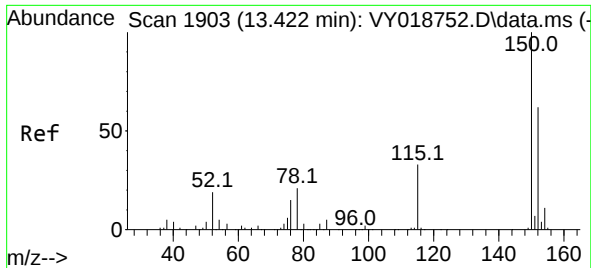
Tgt Ion: 95 Resp: 44802
Ion Ratio Lower Upper
95 100
174 90.9 0.0 175.6
176 87.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.006 min
Lab File: VY018770.D
Acq: 10 Jul 2024 16:37

Tgt Ion: 117 Resp: 112509
Ion Ratio Lower Upper
117 100
82 49.8 42.4 63.6
119 31.1 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: VY018770.D

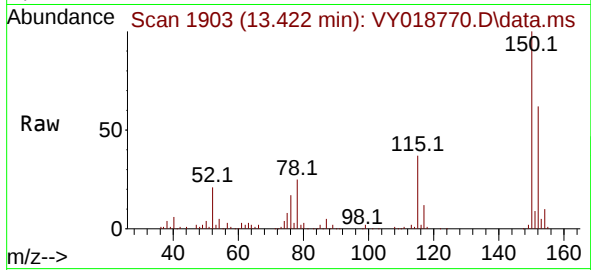
Acq: 10 Jul 2024 16:37

Instrument :

MSVOA_Y

ClientSampleId :

WC-2-VOC



Tgt Ion:152 Resp: 48620

Ion Ratio Lower Upper

152 100

115 56.7 28.2 84.7

150 154.3 0.0 345.6

