

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060524\
 Data File : VY018493.D
 Acq On : 05 Jun 2024 18:39
 Operator : SY/MD
 Sample : P2683-04
 Misc : 7.23g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-5-VOC

Quant Time: Jun 06 05:59:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

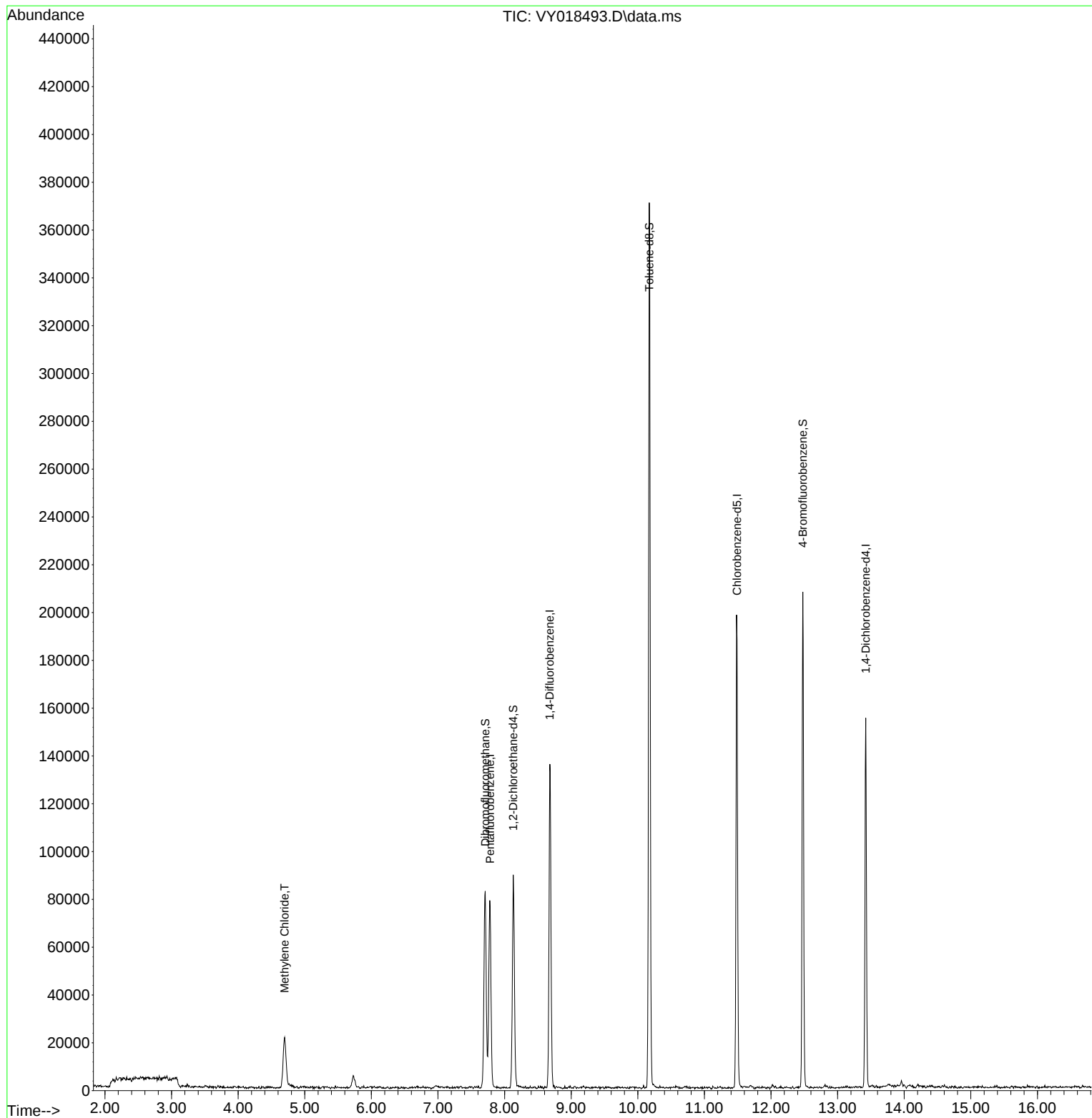
Internal Standards						
1) Pentafluorobenzene	7.783	168	55248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	109296	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	99421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	35843	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	60778	56.017	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.040%
35) Dibromofluoromethane	7.710	113	57365	41.390	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.780%
50) Toluene-d8	10.173	98	228558	41.453	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	82.900%
62) 4-Bromofluorobenzene	12.477	95	59724	34.790	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	69.580%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.698	84	14945	8.288	ug/l #	83

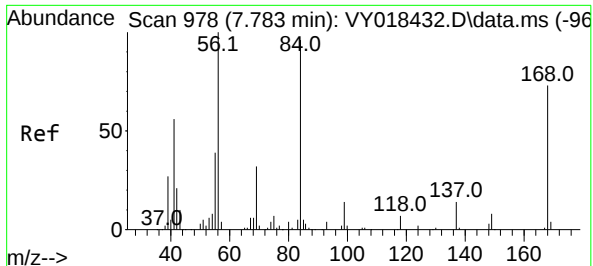
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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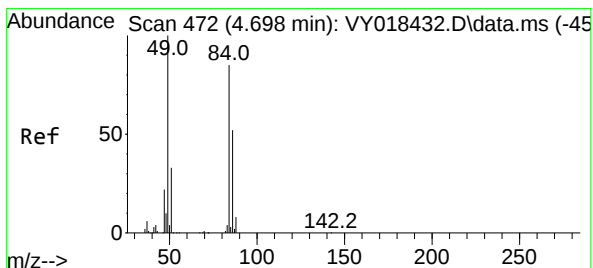
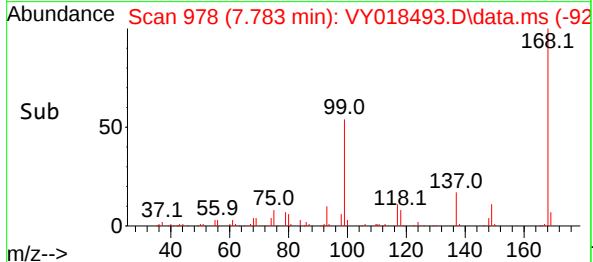
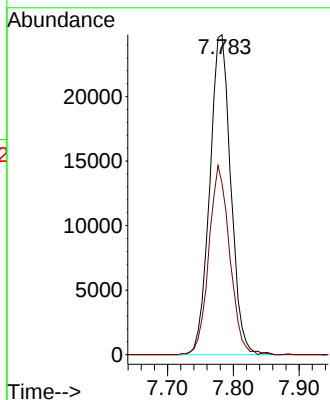
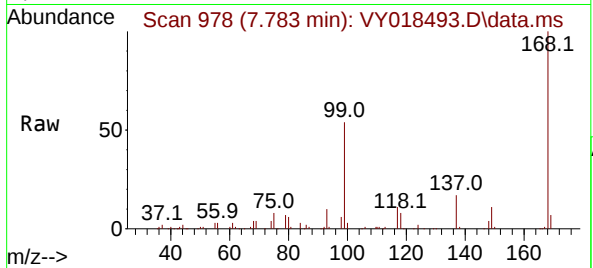




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018493.D
Acq: 05 Jun 2024 18:39

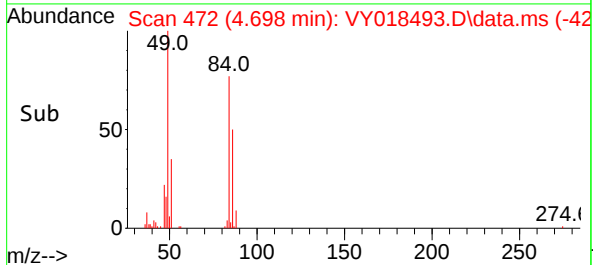
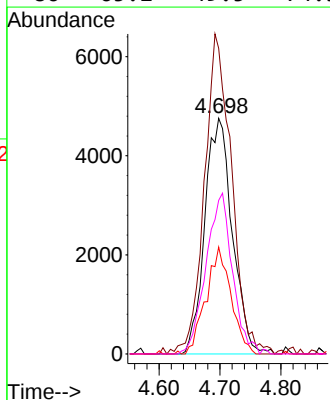
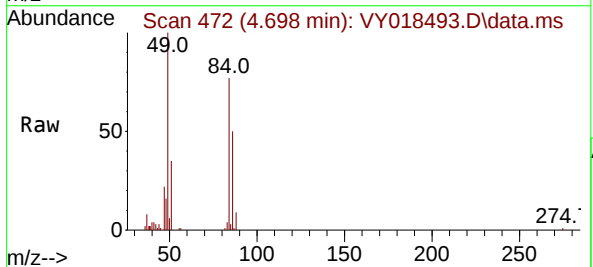
Instrument :
MSVOA_Y
ClientSampleId :
WC-5-VOC

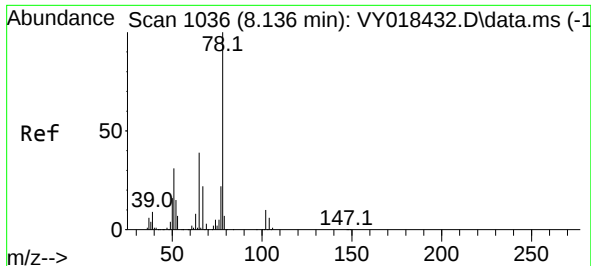
Tgt Ion:168 Resp: 55248
Ion Ratio Lower Upper
168 100
99 53.5 39.1 58.7



#20
Methylene Chloride
Concen: 8.288 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.000 min
Lab File: VY018493.D
Acq: 05 Jun 2024 18:39

Tgt Ion: 84 Resp: 14945
Ion Ratio Lower Upper
84 100
49 128.5 84.4 126.6#
51 45.4 26.0 39.0#
86 65.2 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 56.017 ug/l

RT: 8.130 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY018493.D

Acq: 05 Jun 2024 18:39

Instrument :

MSVOA_Y

ClientSampleId :

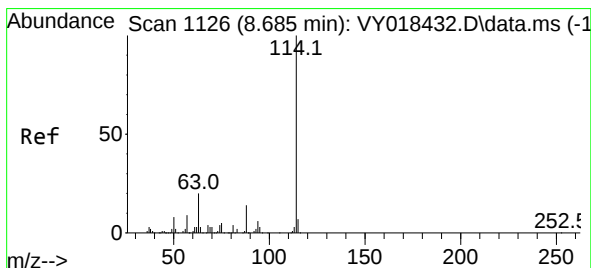
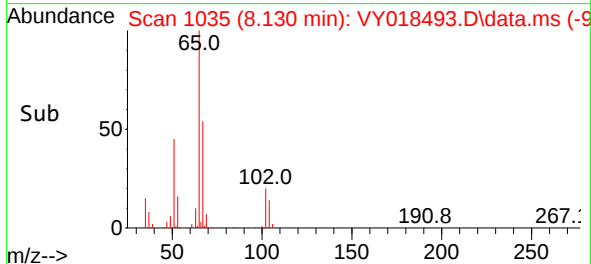
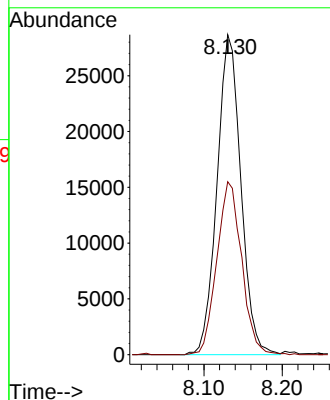
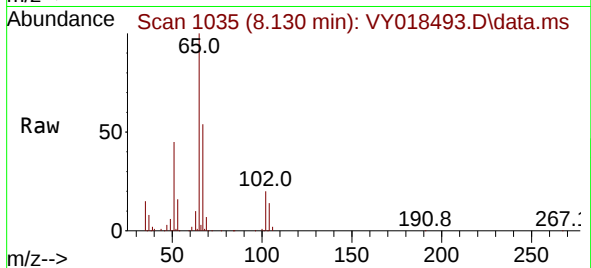
WC-5-VOC

Tgt Ion: 65 Resp: 60778

Ion Ratio Lower Upper

65 100

67 56.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY018493.D

Acq: 05 Jun 2024 18:39

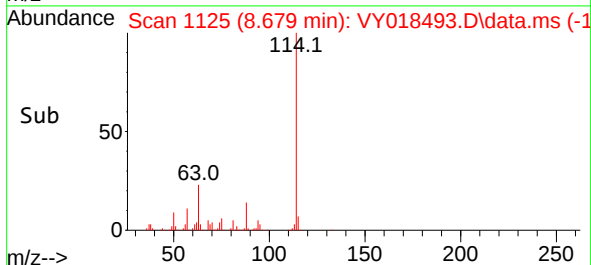
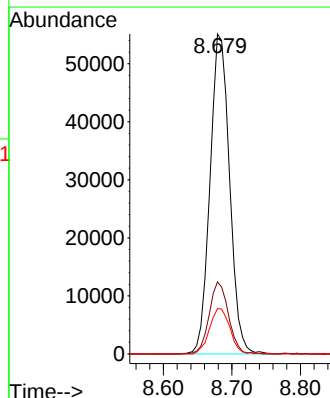
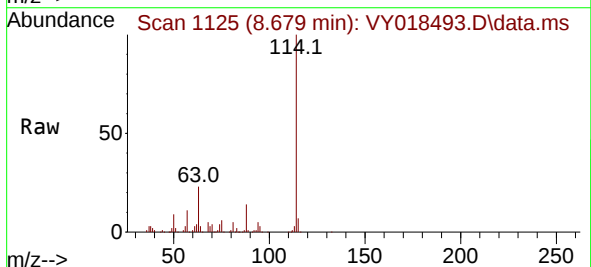
Tgt Ion:114 Resp: 109296

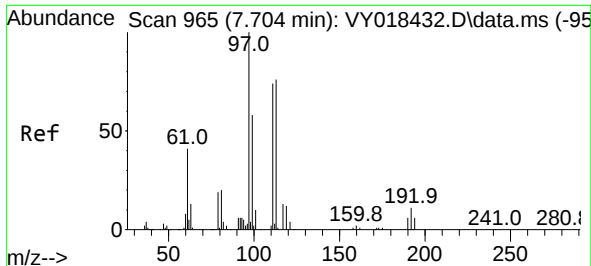
Ion Ratio Lower Upper

114 100

63 22.5 0.0 35.0

88 14.2 0.0 27.2

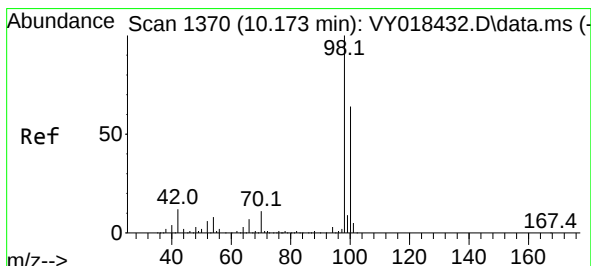
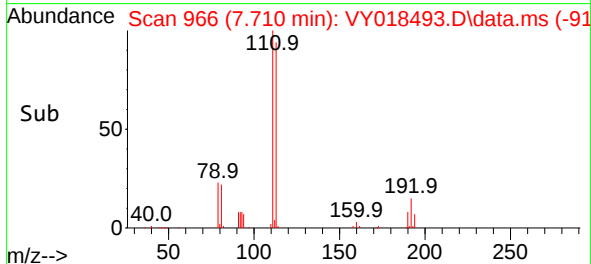
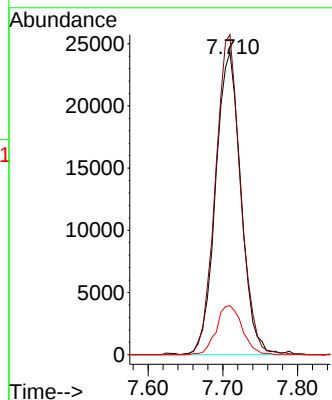
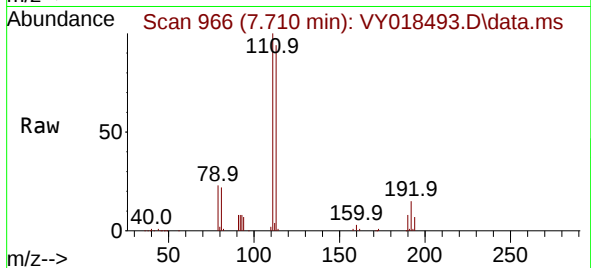




#35
Dibromofluoromethane
Concen: 41.390 ug/l
RT: 7.710 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY018493.D
Acq: 05 Jun 2024 18:39

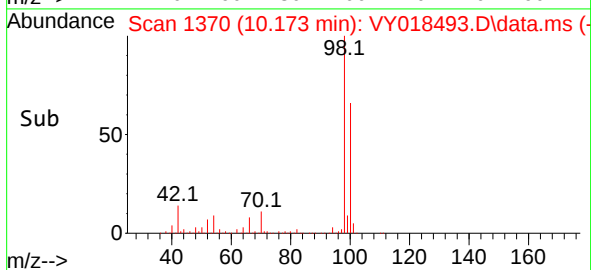
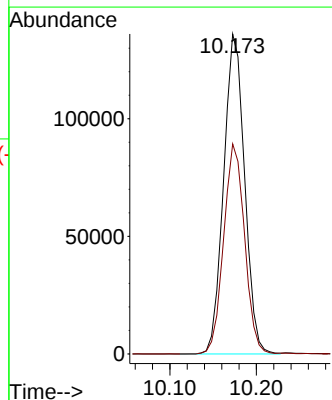
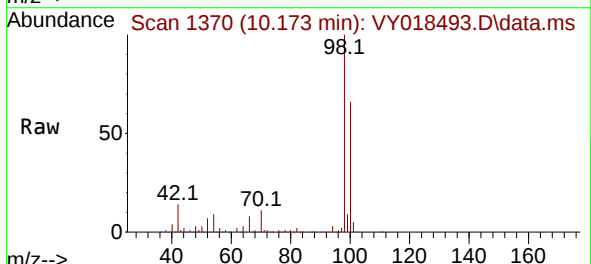
Instrument :
MSVOA_Y
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WC-5-VOC

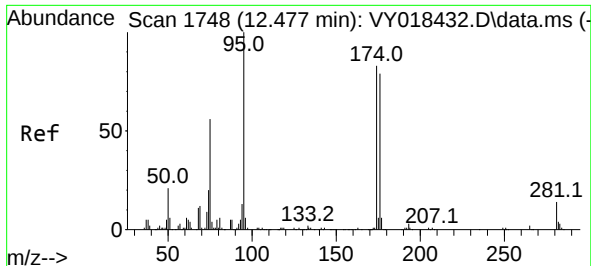
Tgt Ion:113 Resp: 57365
Ion Ratio Lower Upper
113 100
111 104.6 82.2 123.4
192 16.5 15.9 23.9



#50
Toluene-d8
Concen: 41.453 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018493.D
Acq: 05 Jun 2024 18:39

Tgt Ion: 98 Resp: 228558
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0

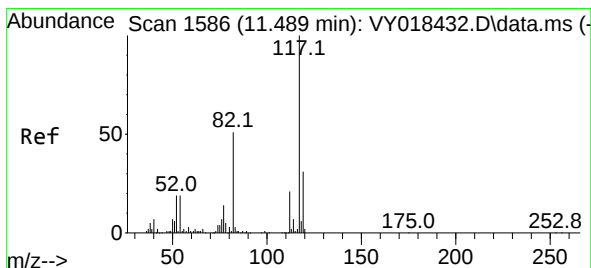
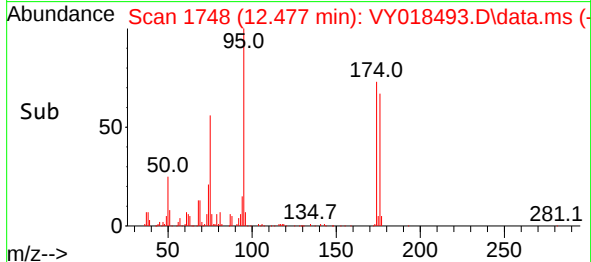
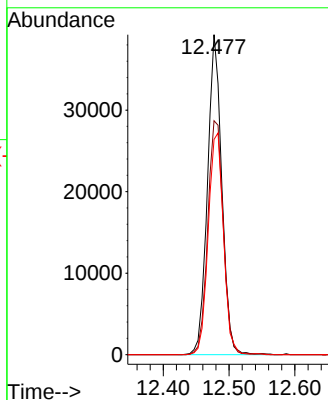
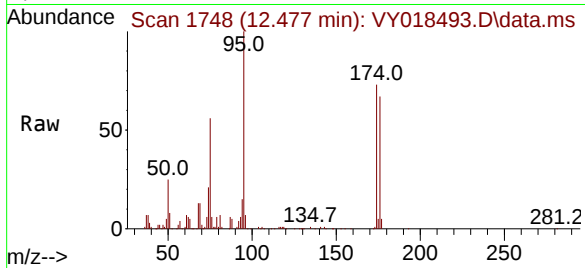




#62
4-Bromofluorobenzene
Concen: 34.790 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018493.D
Acq: 05 Jun 2024 18:39

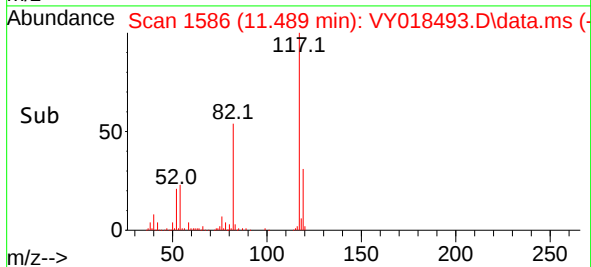
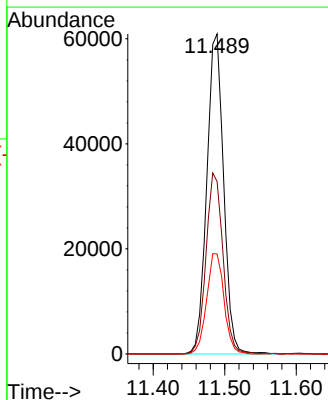
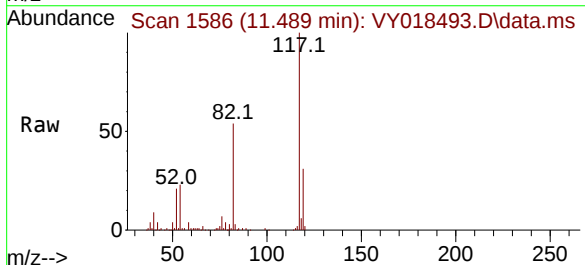
Instrument :
MSVOA_Y
ClientSampleId :
WC-5-VOC

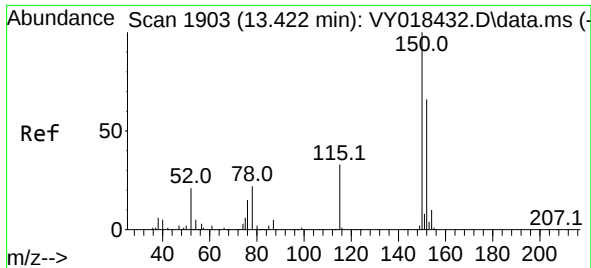
Tgt Ion: 95 Resp: 59724
Ion Ratio Lower Upper
95 100
174 79.0 0.0 175.6
176 73.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY018493.D
Acq: 05 Jun 2024 18:39

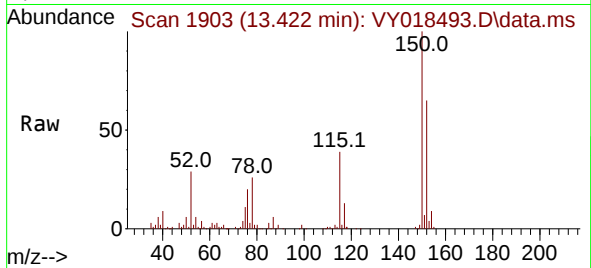
Tgt Ion: 117 Resp: 99421
Ion Ratio Lower Upper
117 100
82 53.9 42.4 63.6
119 31.3 25.9 38.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY018493.D
Acq: 05 Jun 2024 18:39

Instrument :
MSVOA_Y
ClientSampleId :
WC-5-VOC



Tgt Ion:	152	115	150
Resp:	35843		
Ion Ratio	100	58.7	151.9
Lower		28.2	0.0
Upper		84.7	345.6

