

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061024\
 Data File : VY018546.D
 Acq On : 10 Jun 2024 13:24
 Operator : SY/MD
 Sample : P2795-09
 Misc : 7.86g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-3-(10-15)-GRAB

Quant Time: Jun 11 01:55:07 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)

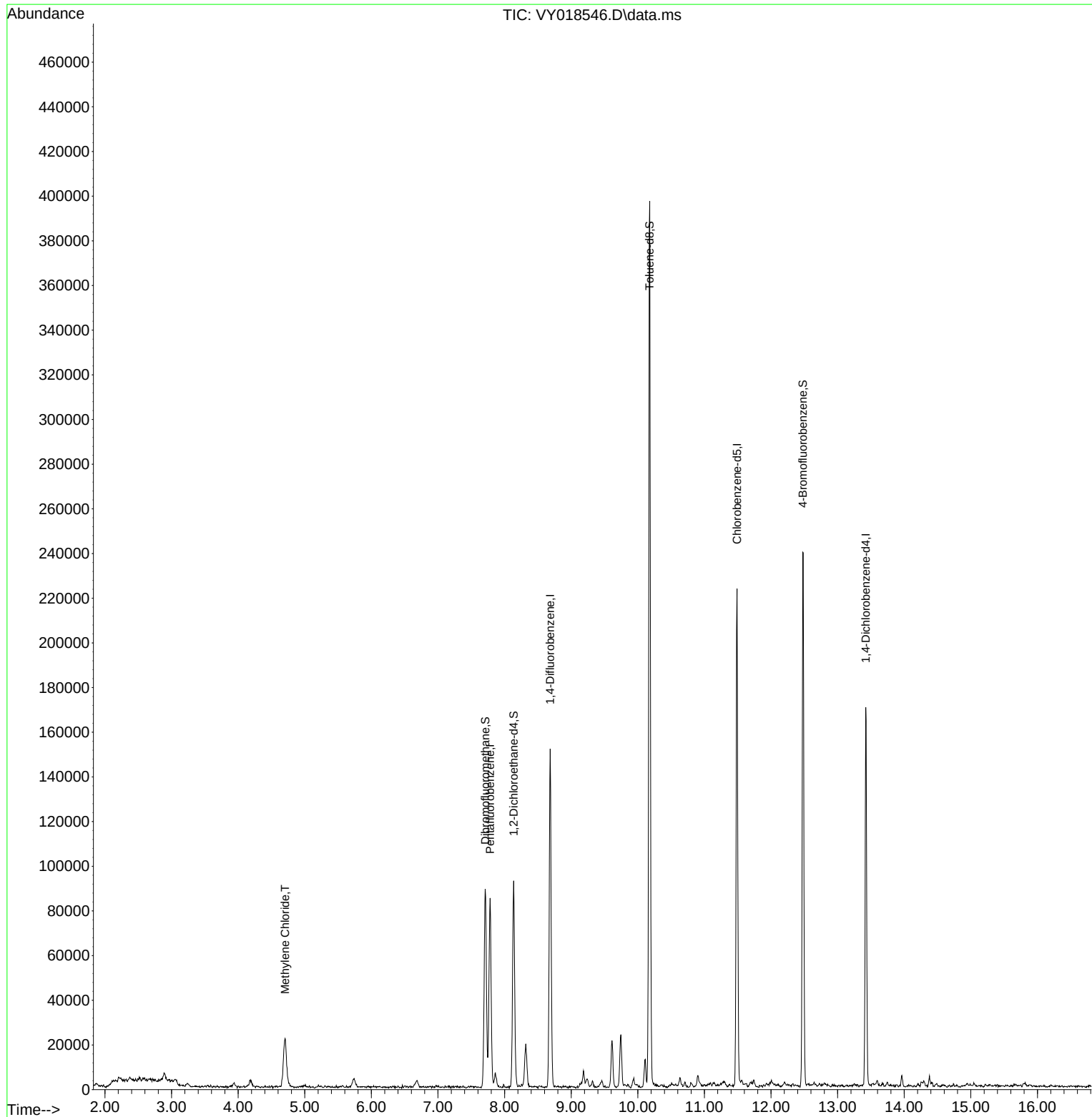
Internal Standards						
1) Pentafluorobenzene	7.783	168	57284	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	121815	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	111448	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	38300	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	65056	57.829	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.660%
35) Dibromofluoromethane	7.710	113	61418	39.761	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.520%
50) Toluene-d8	10.179	98	247322	40.246	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	80.500%
62) 4-Bromofluorobenzene	12.477	95	71293	37.261	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.520%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.704	84	14967	7.902	ug/l	# 74

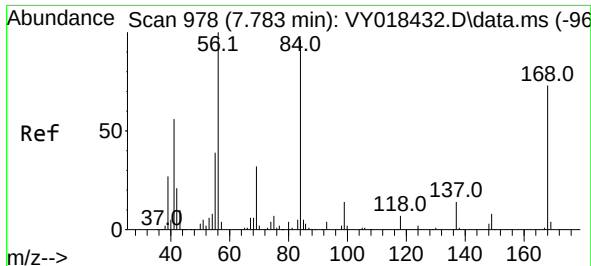
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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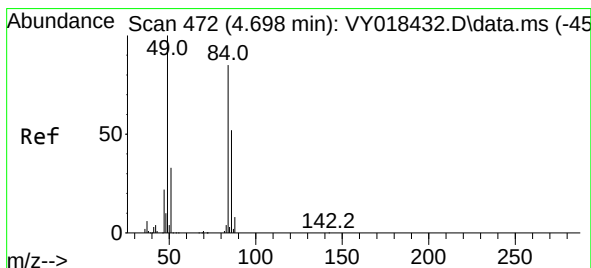
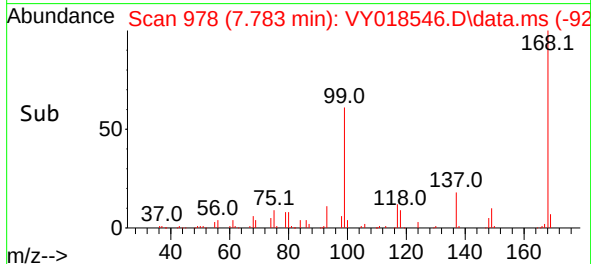
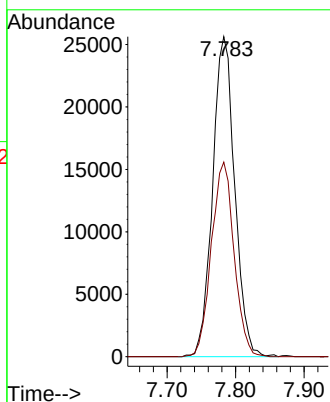
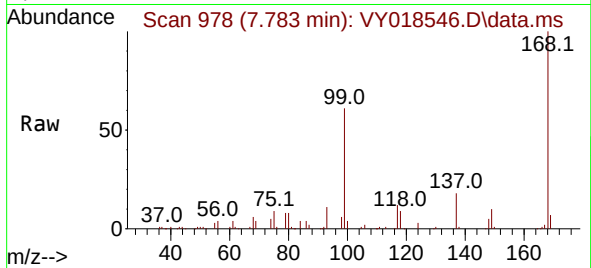




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018546.D
Acq: 10 Jun 2024 13:24

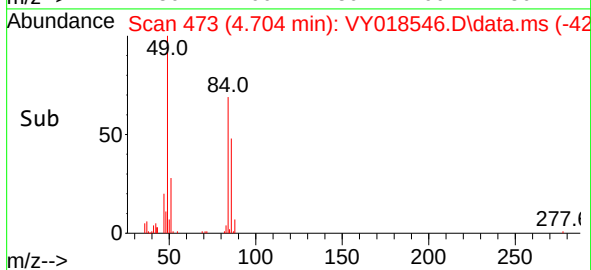
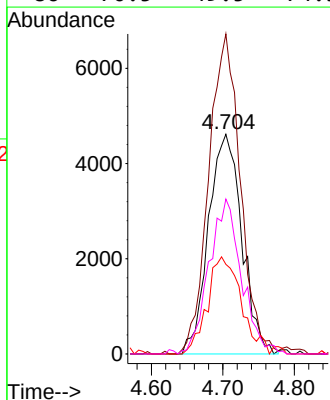
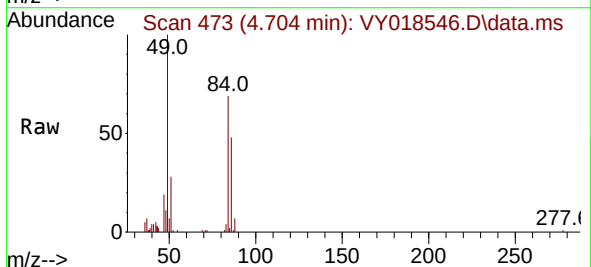
Instrument :
MSVOA_Y
ClientSampleId :
WC-3-(10-15)-GRAB

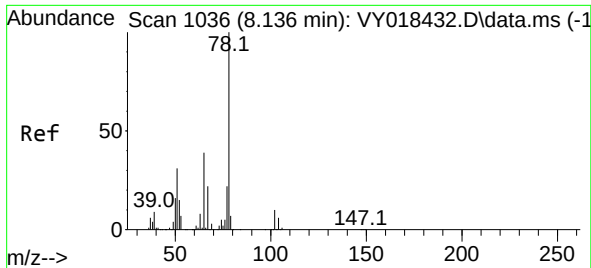
Tgt Ion:168 Resp: 57284
Ion Ratio Lower Upper
168 100
99 60.8 39.1 58.7#



#20
Methylene Chloride
Concen: 7.902 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY018546.D
Acq: 10 Jun 2024 13:24

Tgt Ion: 84 Resp: 14967
Ion Ratio Lower Upper
84 100
49 145.7 84.4 126.6#
51 40.8 26.0 39.0#
86 70.5 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 57.829 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY018546.D

Acq: 10 Jun 2024 13:24

Instrument :

MSVOA_Y

ClientSampleId :

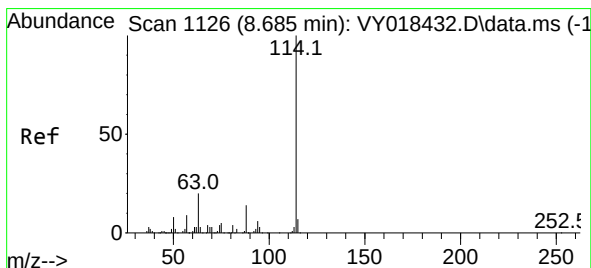
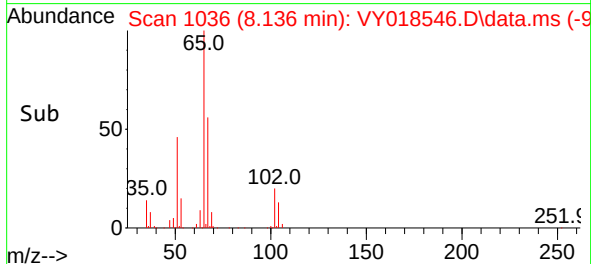
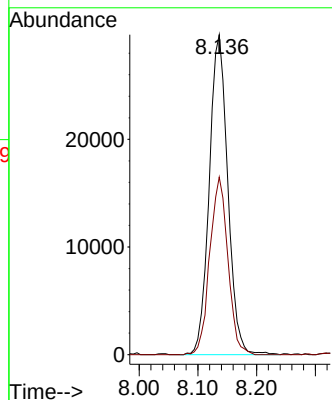
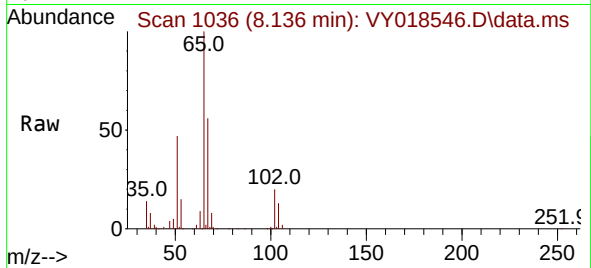
WC-3-(10-15)-GRAB

Tgt Ion: 65 Resp: 65056

Ion Ratio Lower Upper

65 100

67 54.3 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: VY018546.D

Acq: 10 Jun 2024 13:24

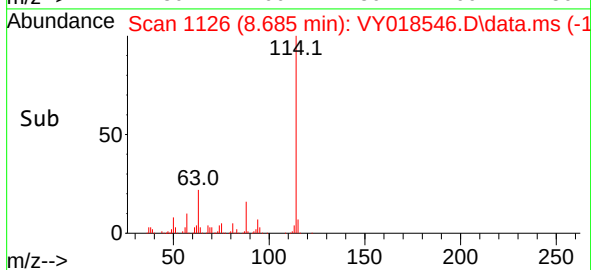
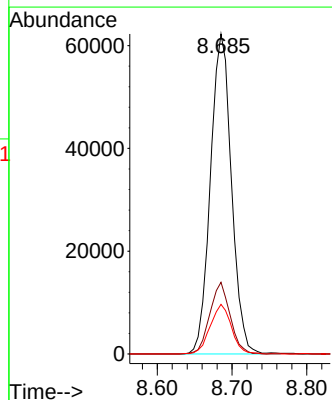
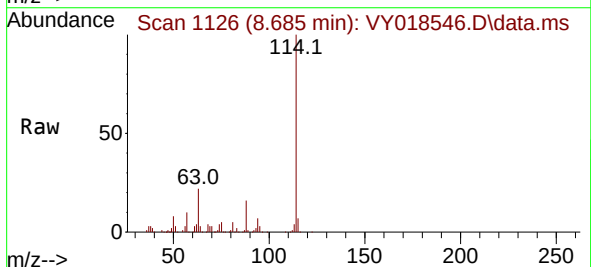
Tgt Ion: 114 Resp: 121815

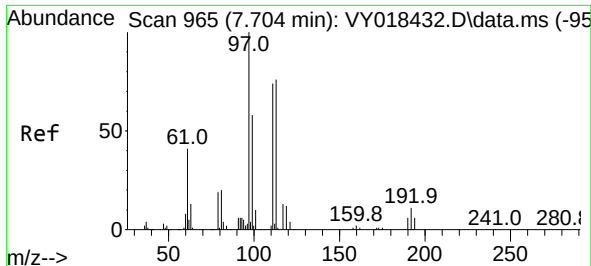
Ion Ratio Lower Upper

114 100

63 22.4 0.0 35.0

88 15.5 0.0 27.2

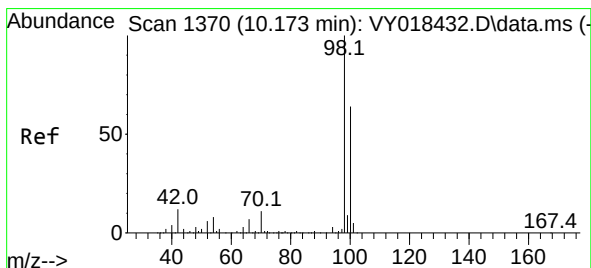
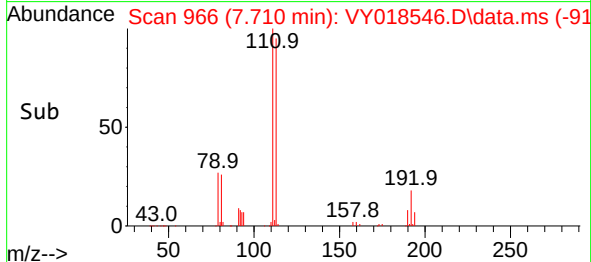
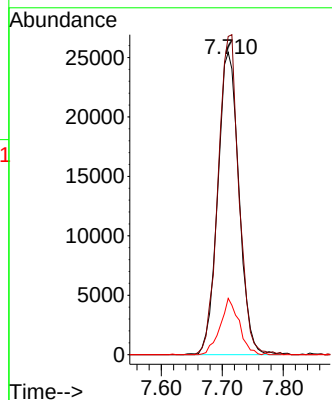
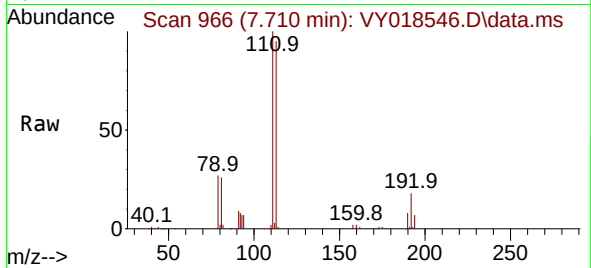




#35
Dibromofluoromethane
Concen: 39.761 ug/l
RT: 7.710 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY018546.D
Acq: 10 Jun 2024 13:24

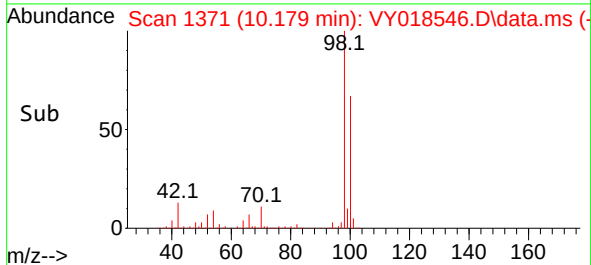
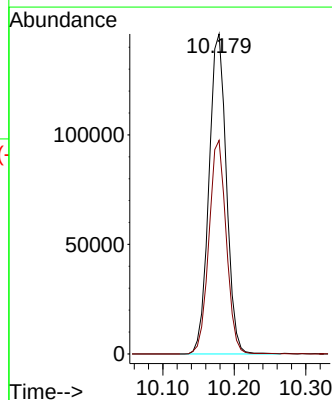
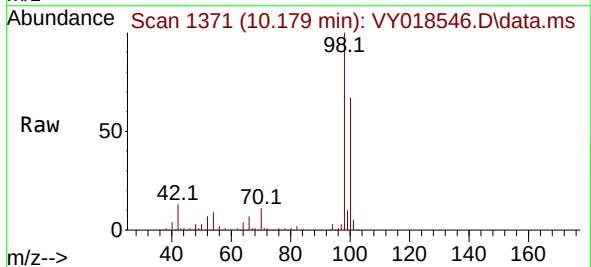
Instrument :
MSVOA_Y
ClientSampleId :
WC-3-(10-15)-GRAB

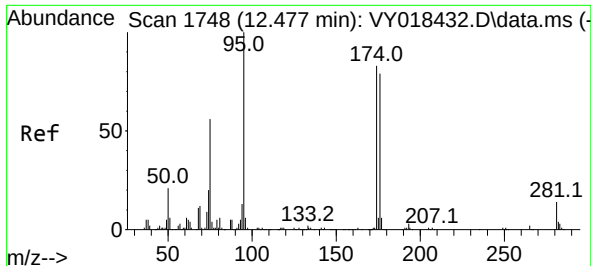
Tgt Ion:113 Resp: 61418
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 16.6 15.9 23.9



#50
Toluene-d8
Concen: 40.246 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY018546.D
Acq: 10 Jun 2024 13:24

Tgt Ion: 98 Resp: 247322
Ion Ratio Lower Upper
98 100
100 66.3 52.0 78.0

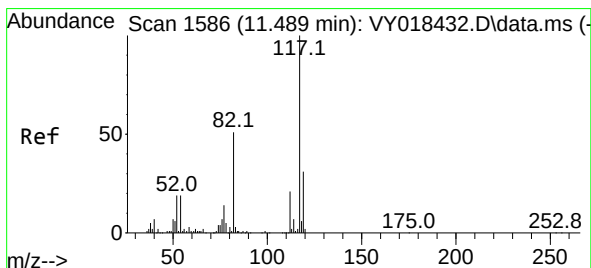
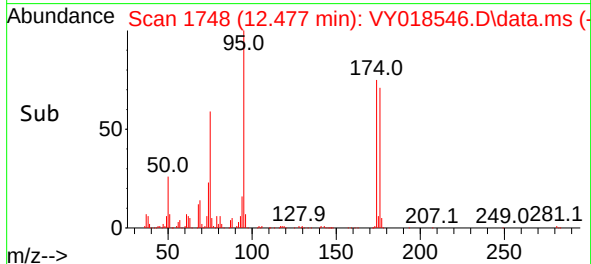
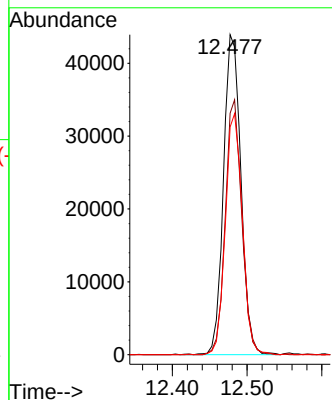
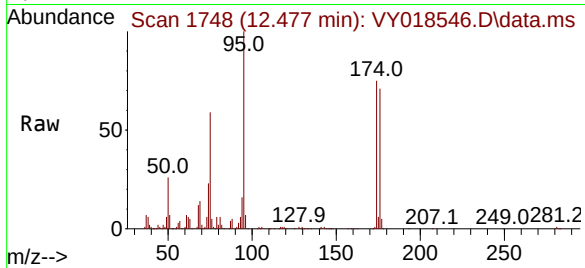




#62
4-Bromofluorobenzene
Concen: 37.261 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018546.D
Acq: 10 Jun 2024 13:24

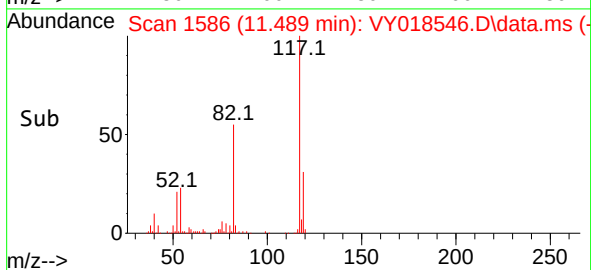
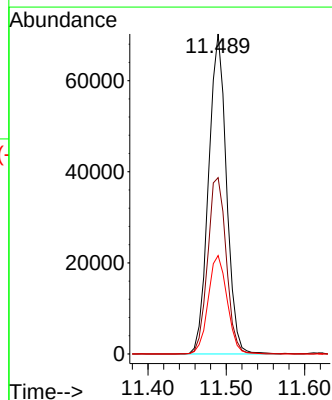
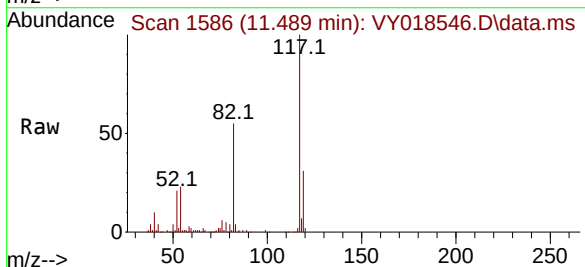
Instrument :
MSVOA_Y
ClientSampleId :
WC-3-(10-15)-GRAB

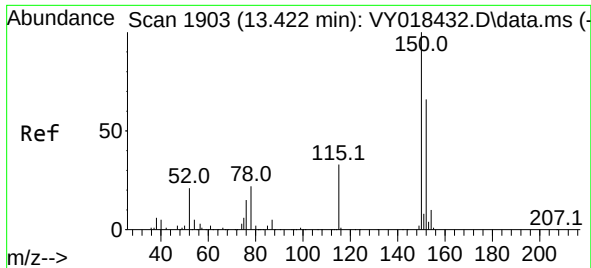
Tgt Ion: 95 Resp: 71293
Ion Ratio Lower Upper
95 100
174 75.8 0.0 175.6
176 73.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018546.D
Acq: 10 Jun 2024 13:24

Tgt Ion: 117 Resp: 111448
Ion Ratio Lower Upper
117 100
82 55.0 42.4 63.6
119 30.8 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: VY018546.D

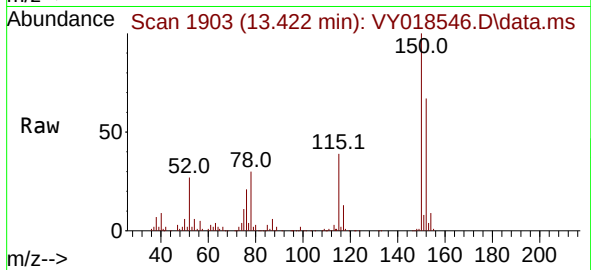
Acq: 10 Jun 2024 13:24

Instrument :

MSVOA_Y

ClientSampleId :

WC-3-(10-15)-GRAB



Tgt Ion:152 Resp: 38300

Ion Ratio Lower Upper

152 100

115 62.0 28.2 84.7

150 160.4 0.0 345.6

