

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061724\
 Data File : VY018616.D
 Acq On : 17 Jun 2024 18:20
 Operator : SY/MD
 Sample : P2916-01
 Misc : 4.51g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WCS-TPF

Quant Time: Jun 18 01:27:17 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)

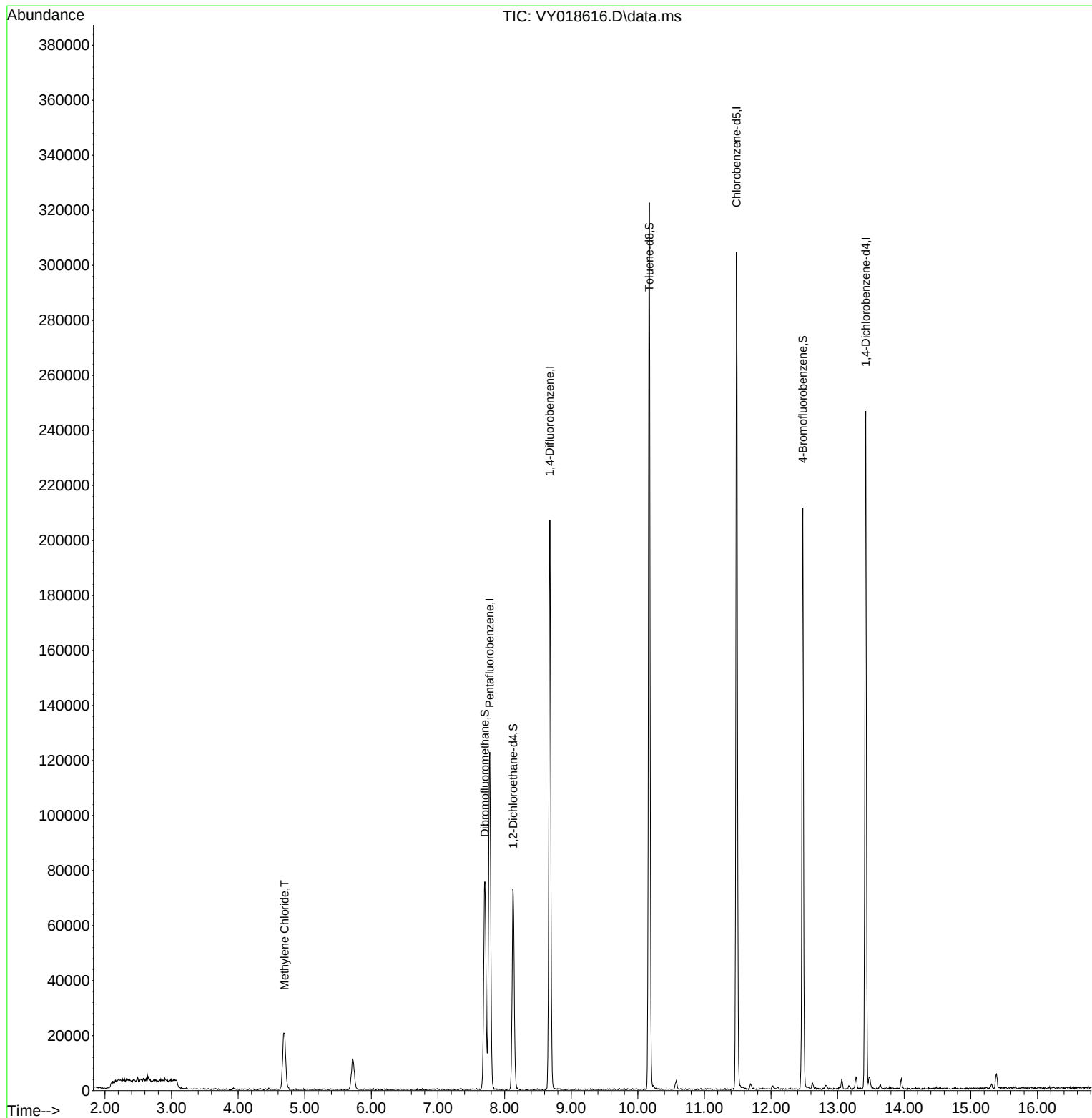
Internal Standards						
1) Pentafluorobenzene	7.777	168	92855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	173400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	160227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	62520	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	54670	58.480	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.960%
35) Dibromofluoromethane	7.704	113	53979	51.031	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.060%
50) Toluene-d8	10.173	98	206771	50.831	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.660%
62) 4-Bromofluorobenzene	12.477	95	61941	48.222	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.440%
Target Compounds						
20) Methylene Chloride	4.698	84	16367	6.096	ug/l	Qvalue 91

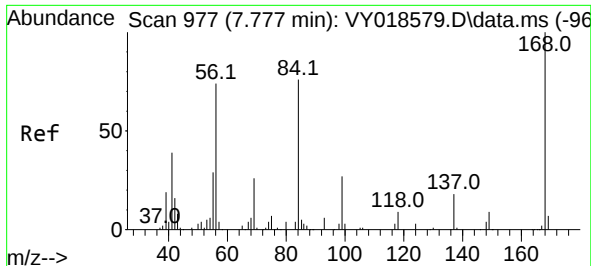
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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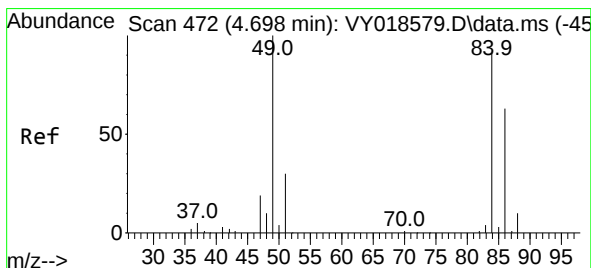
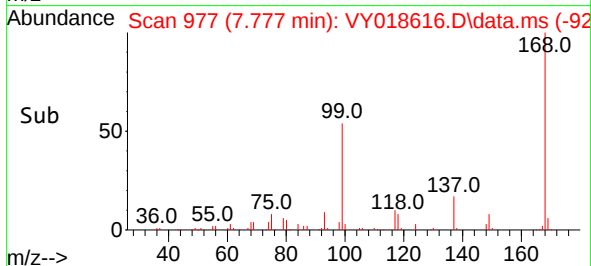
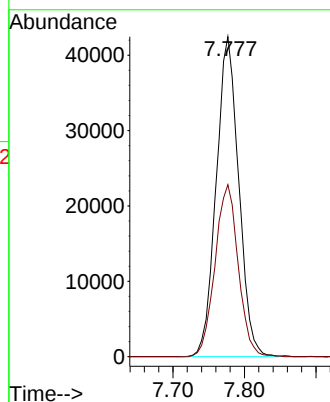
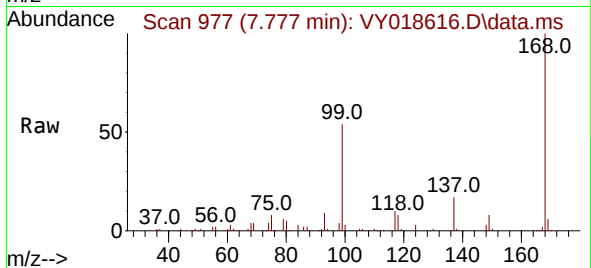




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018616.D
Acq: 17 Jun 2024 18:20

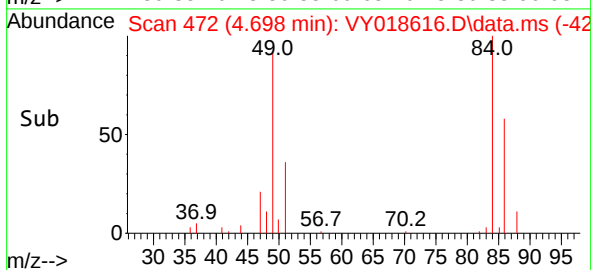
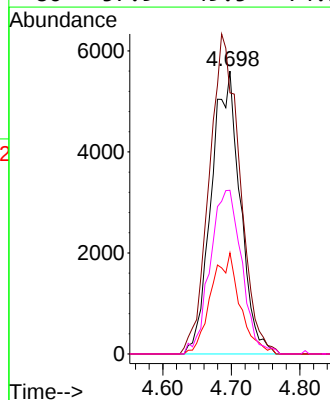
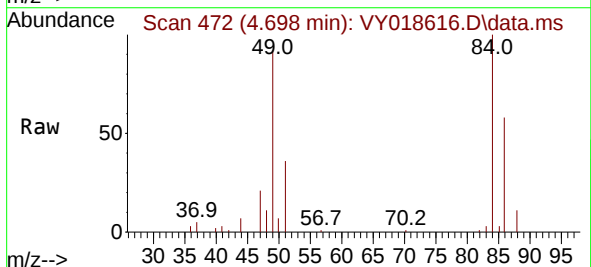
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TPF

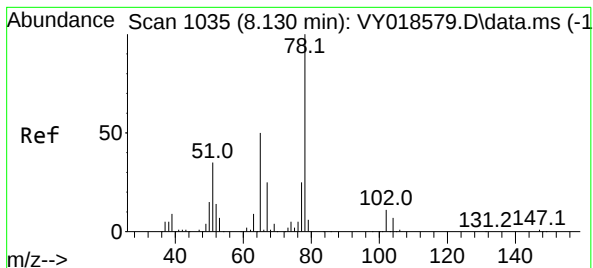
Tgt Ion:168 Resp: 92855
Ion Ratio Lower Upper
168 100
99 53.8 39.1 58.7



#20
Methylene Chloride
Concen: 6.096 ug/l
RT: 4.698 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY018616.D
Acq: 17 Jun 2024 18:20

Tgt Ion: 84 Resp: 16367
Ion Ratio Lower Upper
84 100
49 92.3 84.4 126.6
51 35.7 26.0 39.0
86 57.9 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 58.480 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VY018616.D

Acq: 17 Jun 2024 18:20

Instrument :

MSVOA_Y

ClientSampleId :

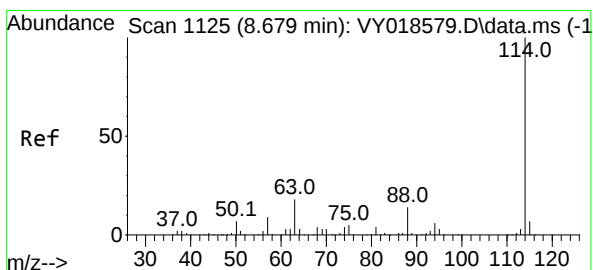
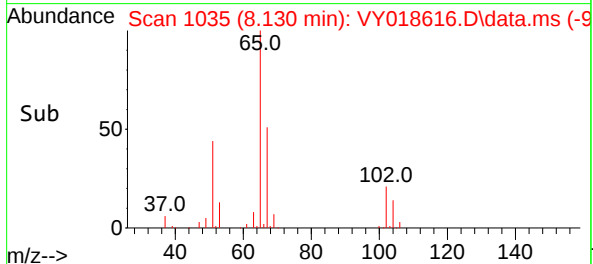
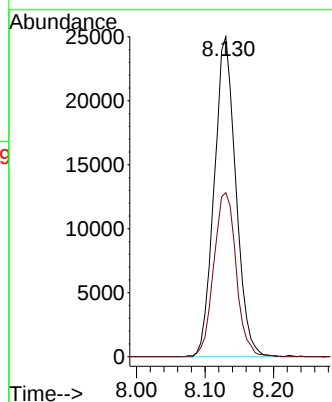
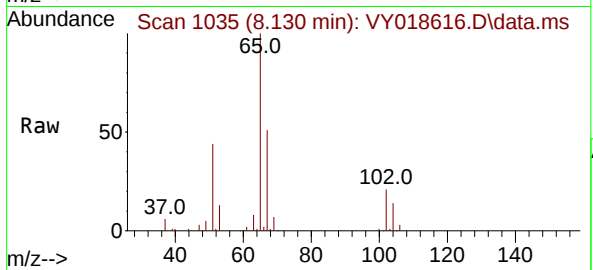
WCS-TPF

Tgt Ion: 65 Resp: 54670

Ion Ratio Lower Upper

65 100

67 53.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. 0.000 min

Lab File: VY018616.D

Acq: 17 Jun 2024 18:20

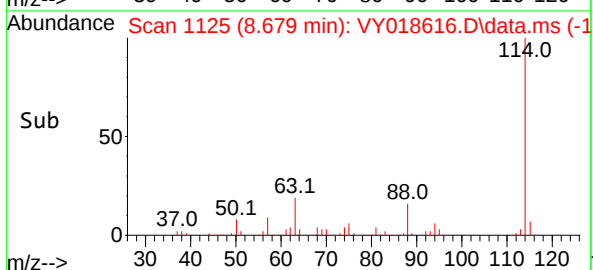
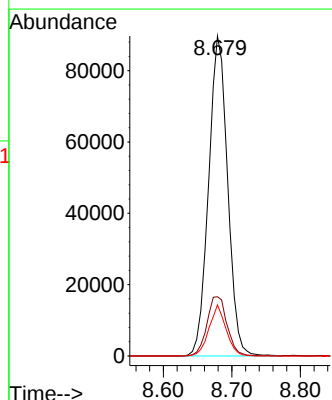
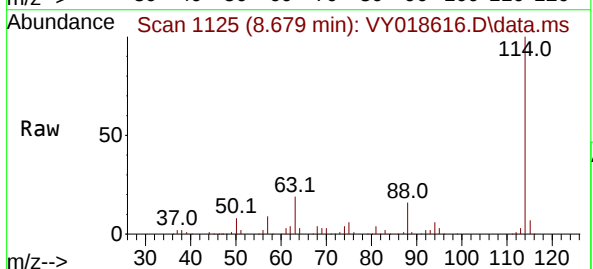
Tgt Ion: 114 Resp: 173400

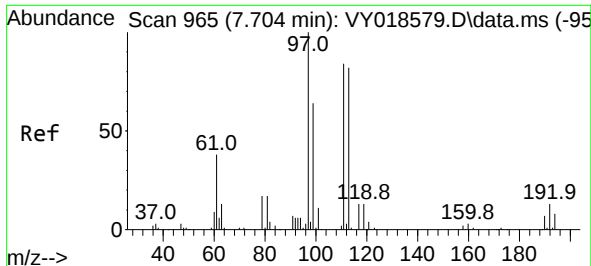
Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.0

88 16.0 0.0 27.2

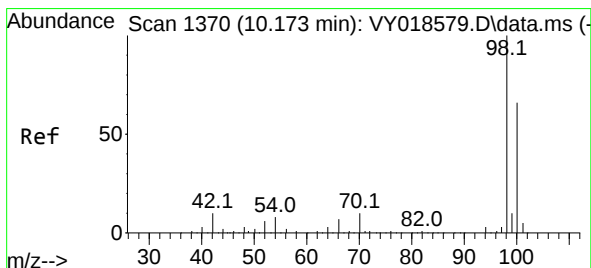
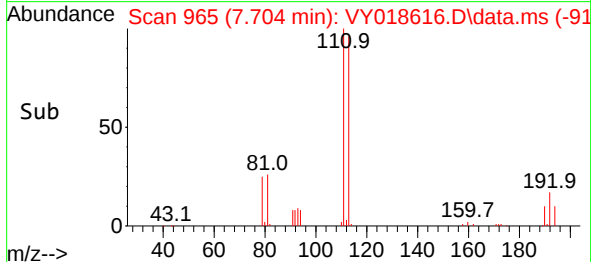
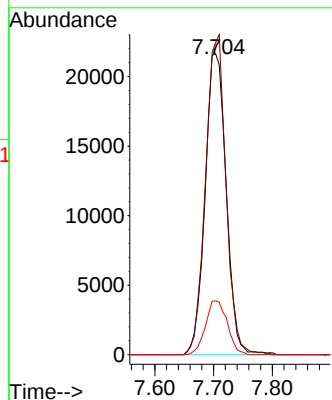
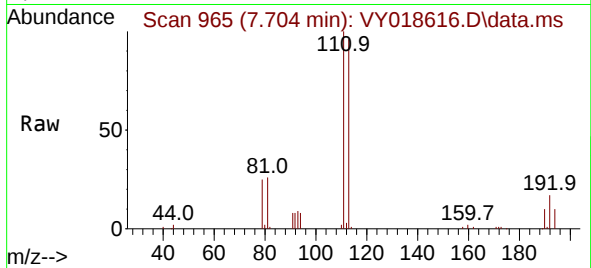




#35
Dibromofluoromethane
Concen: 51.031 ug/l
RT: 7.704 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018616.D
Acq: 17 Jun 2024 18:20

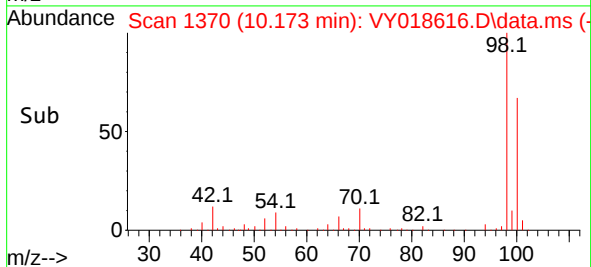
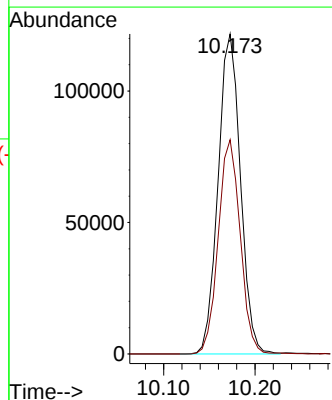
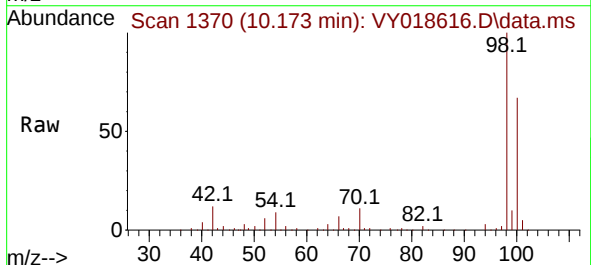
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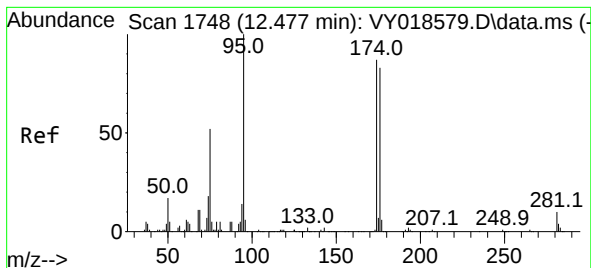
Tgt Ion:113 Resp: 53979
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 18.5 15.9 23.9



#50
Toluene-d8
Concen: 50.831 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018616.D
Acq: 17 Jun 2024 18:20

Tgt Ion: 98 Resp: 206771
Ion Ratio Lower Upper
98 100
100 65.9 52.0 78.0

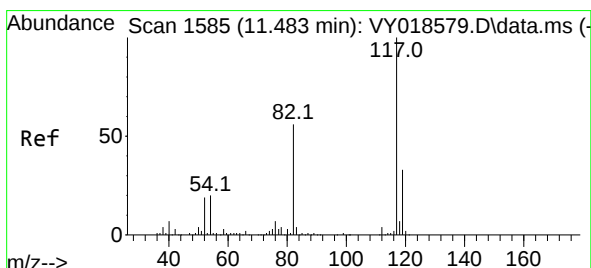
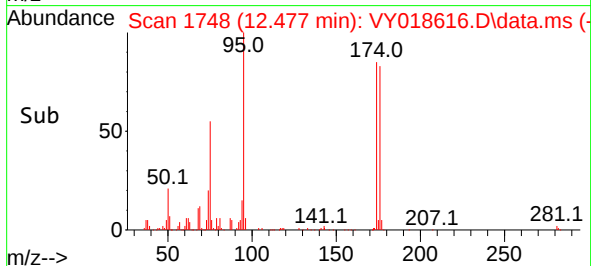
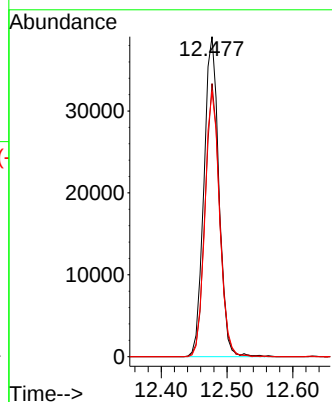
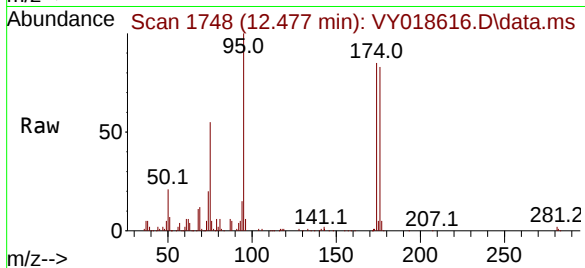




#62
4-Bromofluorobenzene
Concen: 48.222 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018616.D
Acq: 17 Jun 2024 18:20

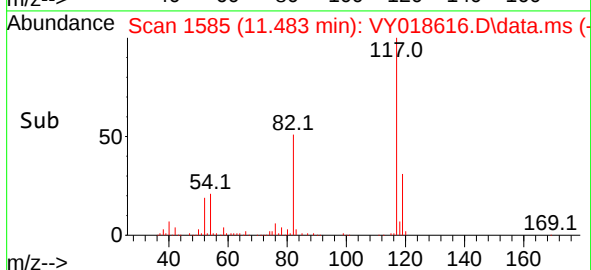
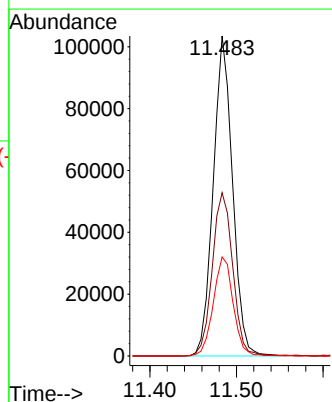
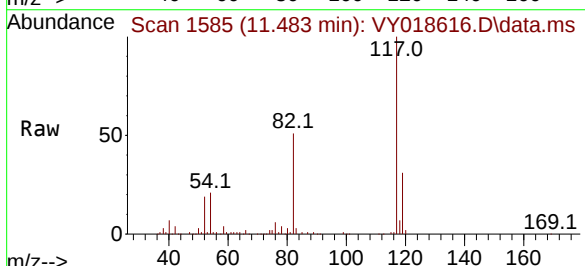
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MSVOA_Y
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WCS-TPF

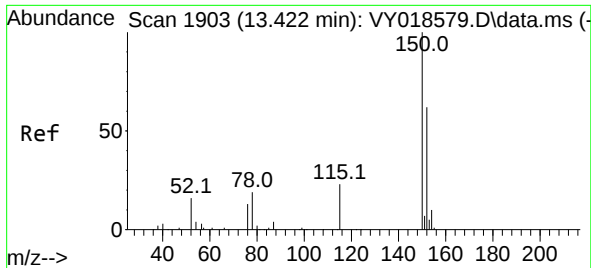
Tgt Ion: 95 Resp: 61941
Ion Ratio Lower Upper
95 100
174 82.9 0.0 175.6
176 81.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VY018616.D
Acq: 17 Jun 2024 18:20

Tgt Ion: 117 Resp: 160227
Ion Ratio Lower Upper
117 100
82 51.0 42.4 63.6
119 30.9 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: VY018616.D
 Acq: 17 Jun 2024 18:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 WCS-TPF

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.9	28.2	84.7
150	156.9	0.0	345.6

