

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051524\
 Data File : VY018274.D
 Acq On : 15 May 2024 15:50
 Operator : SY/MD
 Sample : P2482-04
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SW-03-229

Quant Time: May 16 03:07:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

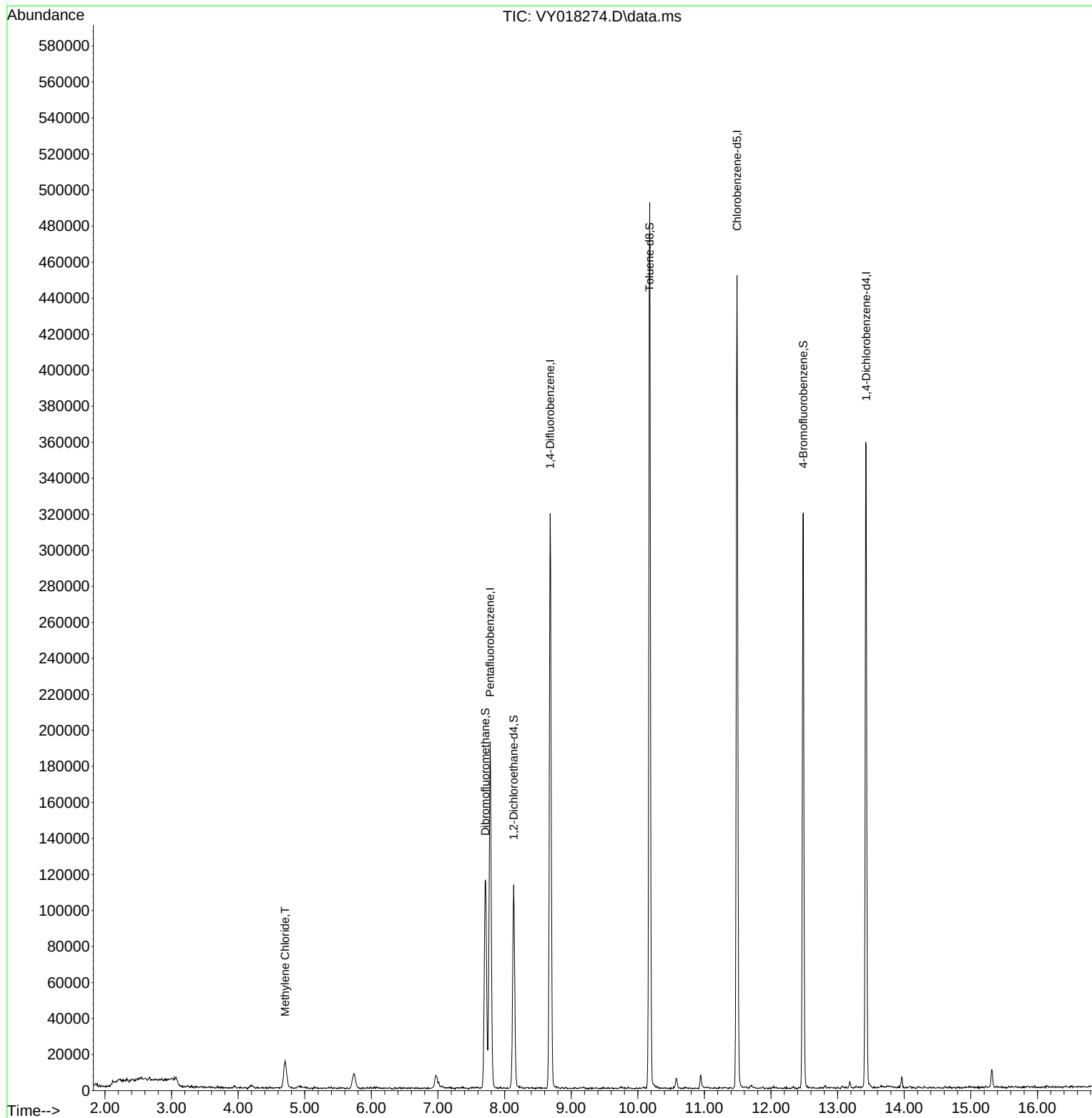
Internal Standards						
1) Pentafluorobenzene	7.783	168	146571	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	283178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	252623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95256	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	78276	72.594	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 145.180%	
35) Dibromofluoromethane	7.710	113	84774	56.963	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.920%	
50) Toluene-d8	10.179	98	326435	55.662	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.320%	
62) 4-Bromofluorobenzene	12.483	95	99512	52.543	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.080%	
Target Compounds						Qvalue
20) Methylene Chloride	4.704	84	12037	7.914	ug/l	89

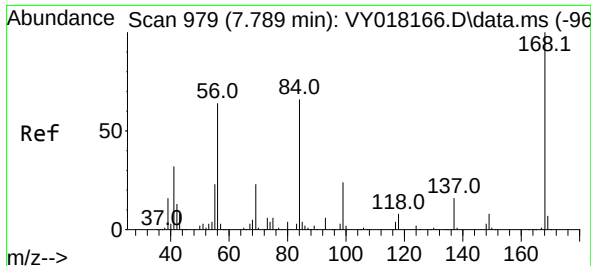
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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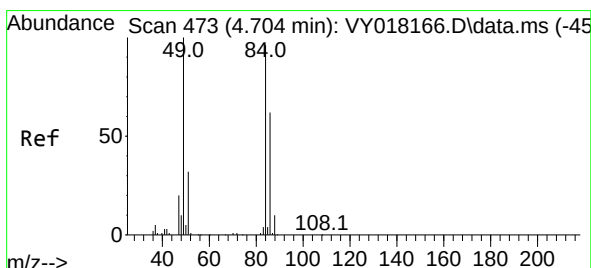
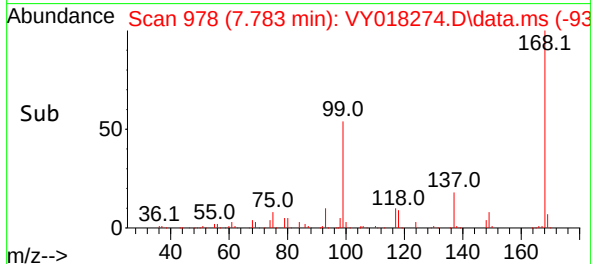
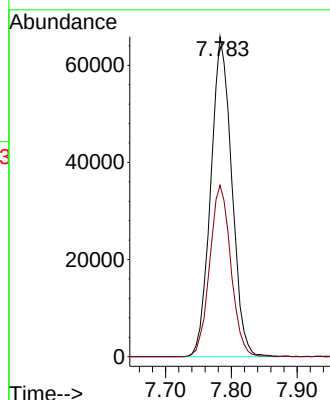
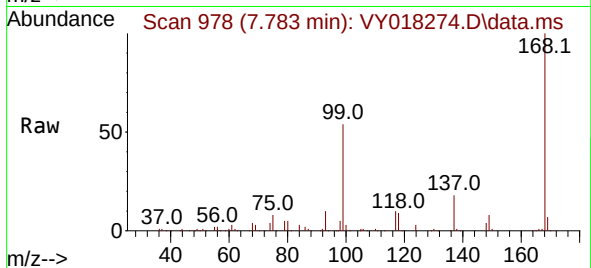




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018274.D
Acq: 15 May 2024 15:50

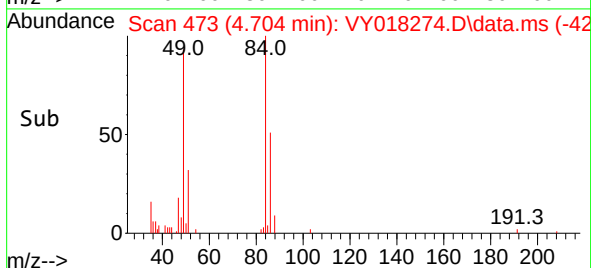
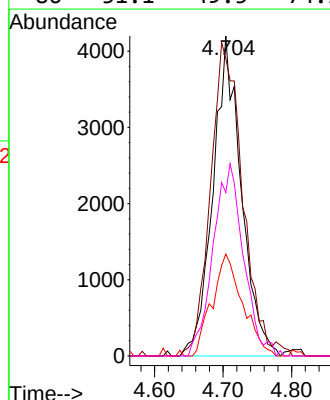
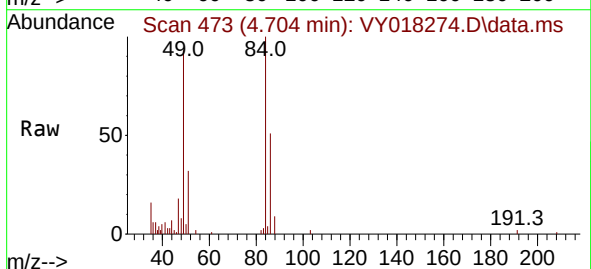
Instrument :
MSVOA_Y
ClientSampleId :
SW-03-229

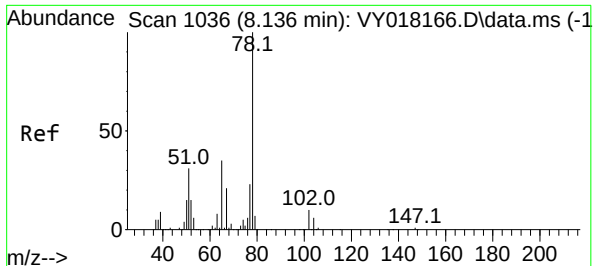
Tgt Ion:168 Resp: 146571
Ion Ratio Lower Upper
168 100
99 53.5 39.1 58.7



#20
Methylene Chloride
Concen: 7.914 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.000 min
Lab File: VY018274.D
Acq: 15 May 2024 15:50

Tgt Ion: 84 Resp: 12037
Ion Ratio Lower Upper
84 100
49 93.0 84.4 126.6
51 31.9 26.0 39.0
86 51.1 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 72.594 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY018274.D

Acq: 15 May 2024 15:50

Instrument :

MSVOA_Y

ClientSampleId :

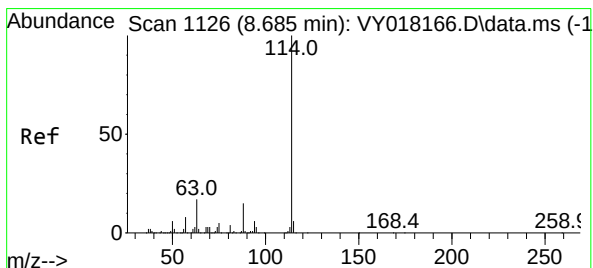
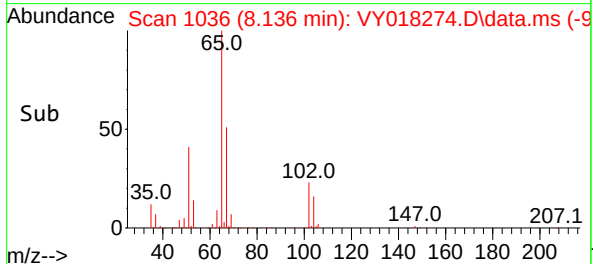
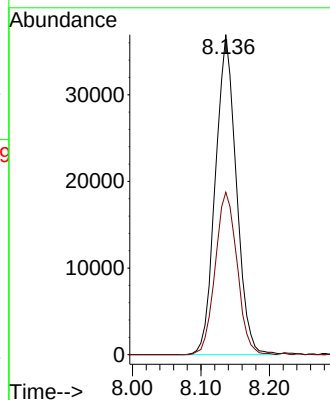
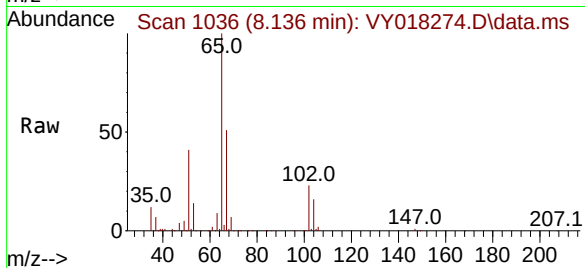
SW-03-229

Tgt Ion: 65 Resp: 78276

Ion Ratio Lower Upper

65 100

67 53.0 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: VY018274.D

Acq: 15 May 2024 15:50

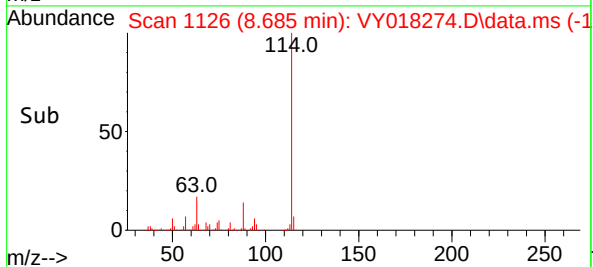
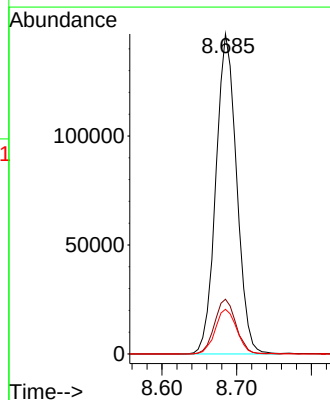
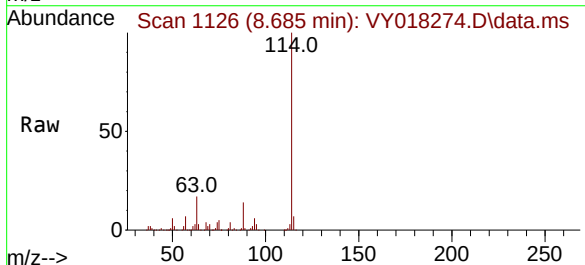
Tgt Ion: 114 Resp: 283178

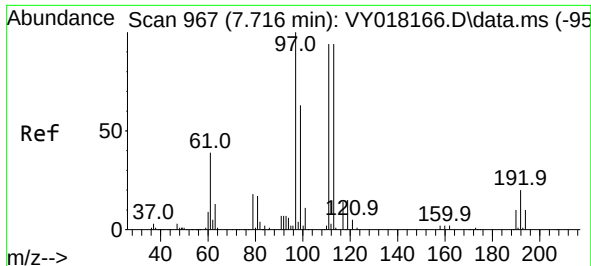
Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

88 14.0 0.0 27.2





#35

Dibromofluoromethane

Concen: 56.963 ug/l

RT: 7.710 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY018274.D

Acq: 15 May 2024 15:50

Instrument :

MSVOA_Y

ClientSampleId :

SW-03-229

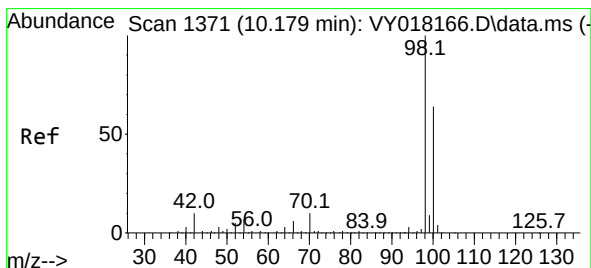
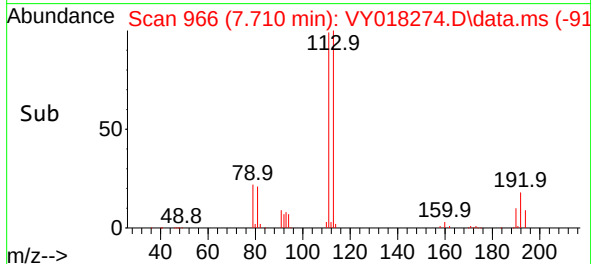
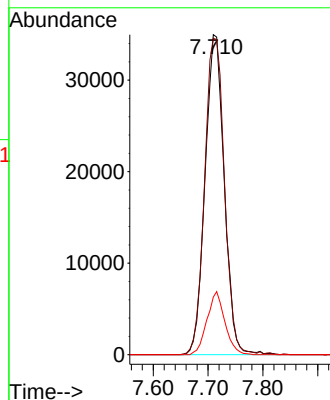
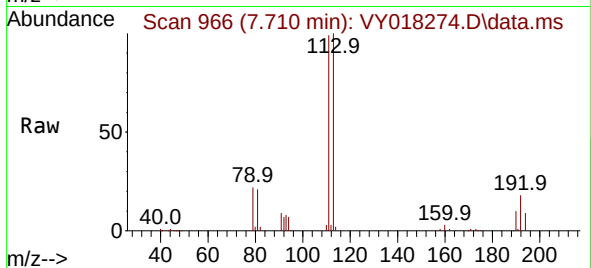
Tgt Ion:113 Resp: 84774

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.4

192 18.4 15.9 23.9



#50

Toluene-d8

Concen: 55.662 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY018274.D

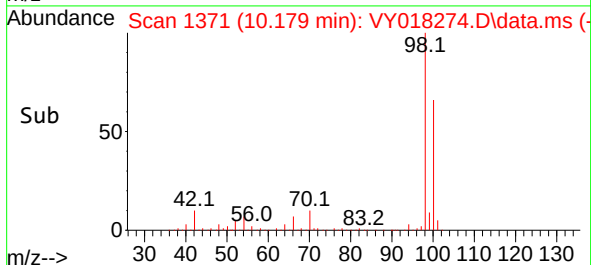
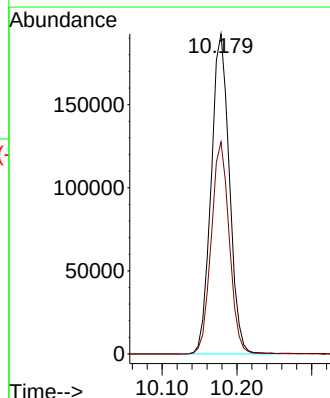
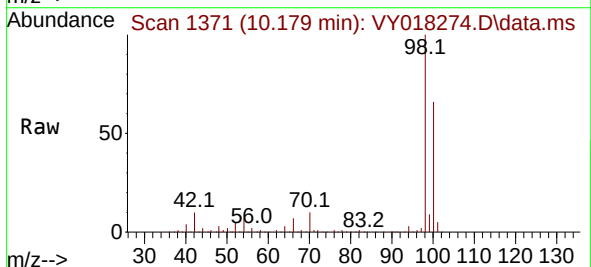
Acq: 15 May 2024 15:50

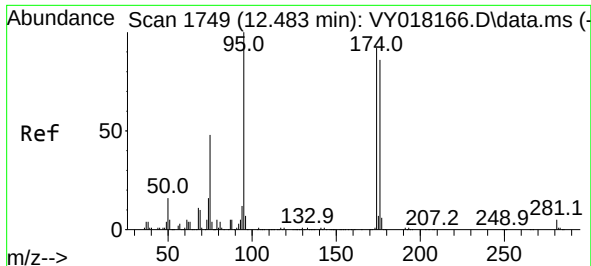
Tgt Ion: 98 Resp: 326435

Ion Ratio Lower Upper

98 100

100 65.4 52.0 78.0

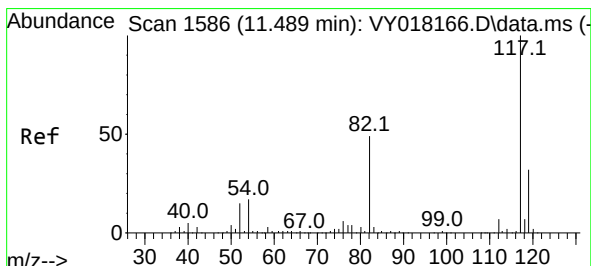
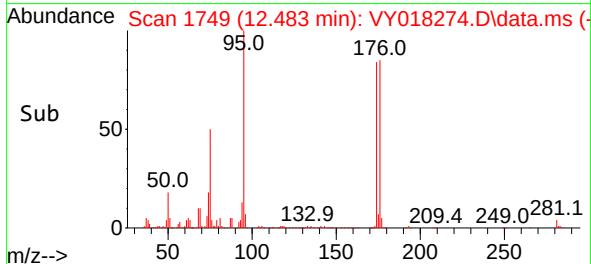
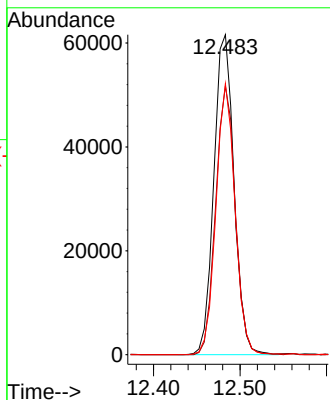
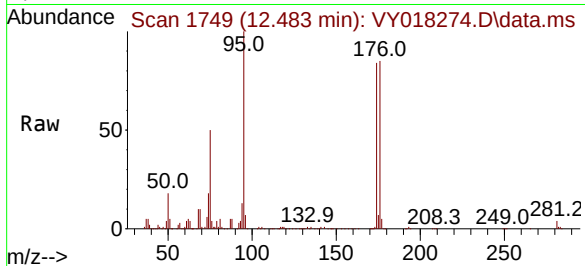




#62
4-Bromofluorobenzene
Concen: 52.543 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018274.D
Acq: 15 May 2024 15:50

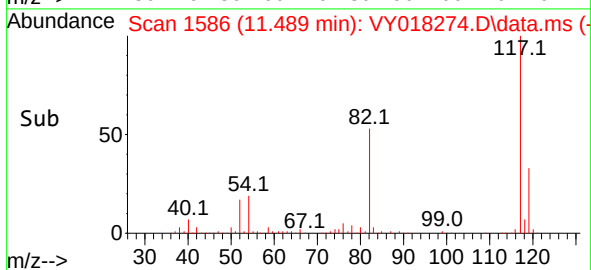
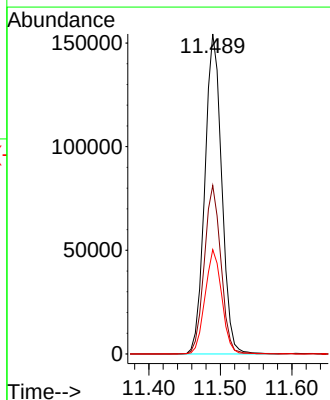
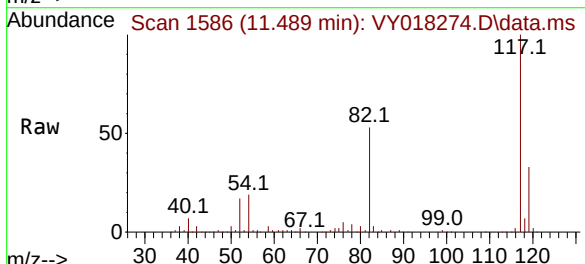
Instrument :
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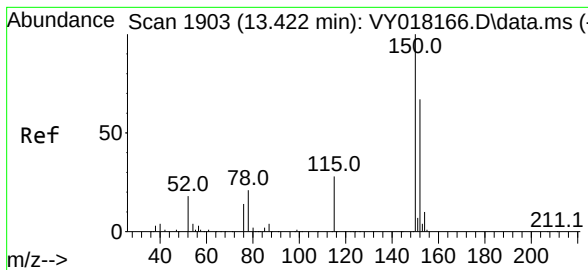
Tgt Ion: 95 Resp: 99512
Ion Ratio Lower Upper
95 100
174 82.1 0.0 175.6
176 80.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY018274.D
Acq: 15 May 2024 15:50

Tgt Ion: 117 Resp: 252623
Ion Ratio Lower Upper
117 100
82 52.6 42.4 63.6
119 32.6 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY018274.D
 Acq: 15 May 2024 15:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 SW-03-229

Tgt Ion:152 Resp: 95256
 Ion Ratio Lower Upper
 152 100
 115 57.3 28.2 84.7
 150 157.2 0.0 345.6

