

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051524\
 Data File : VY018273.D
 Acq On : 15 May 2024 15:27
 Operator : SY/MD
 Sample : P2482-03
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SW-02-229

Quant Time: May 16 03:06:56 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)

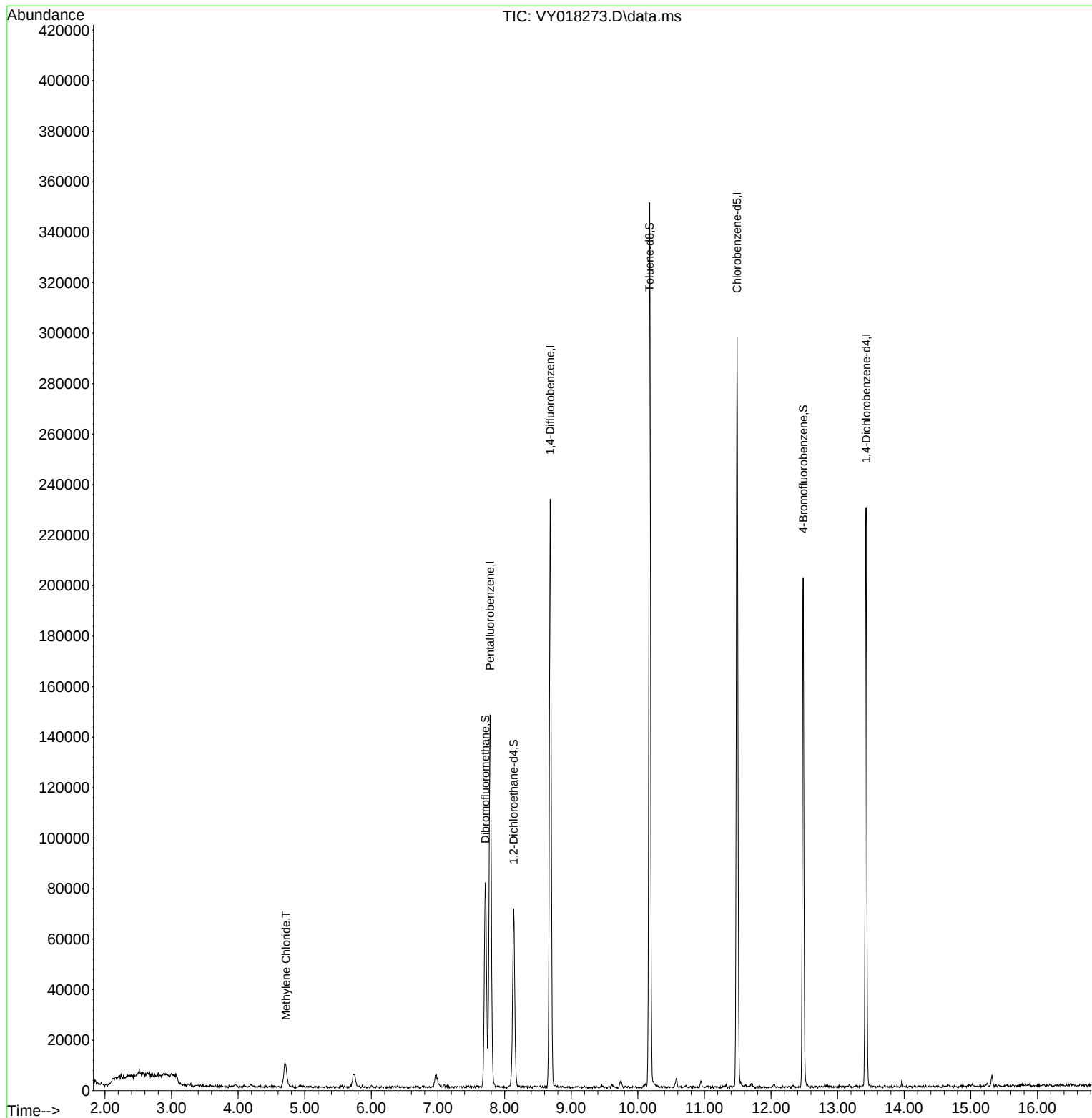
Internal Standards						
1) Pentafluorobenzene	7.783	168	116025	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	206154	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	170096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	58377	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	48670	57.020	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	114.040%	
35) Dibromofluoromethane	7.709	113	58333	53.841	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	107.680%	
50) Toluene-d8	10.178	98	233222	54.626	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	109.260%	
62) 4-Bromofluorobenzene	12.483	95	63647	46.162	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	92.320%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.716	84	7280	6.047	ug/l	92

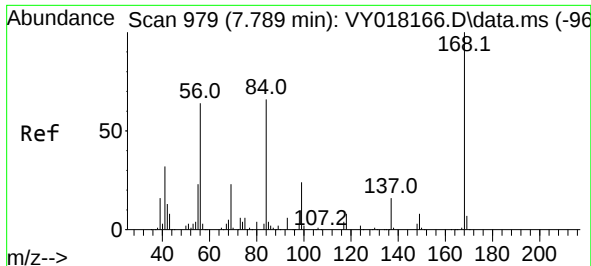
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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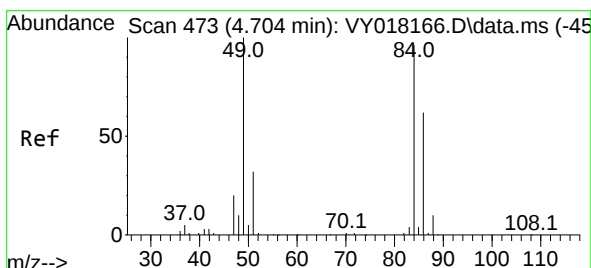
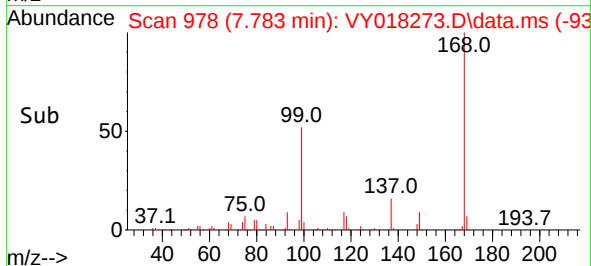
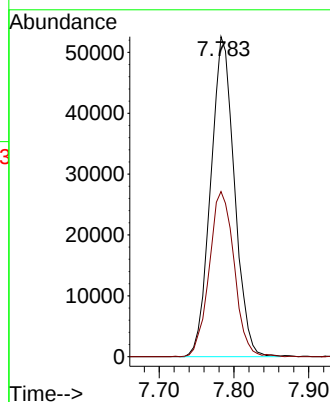
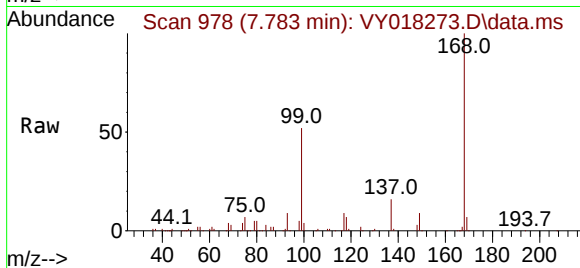




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018273.D
Acq: 15 May 2024 15:27

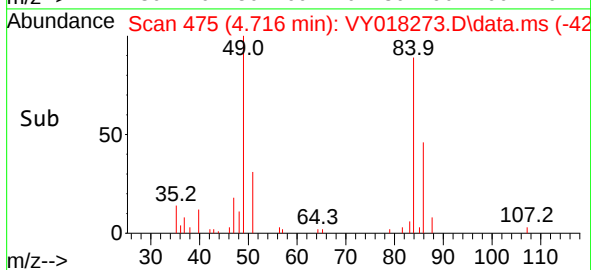
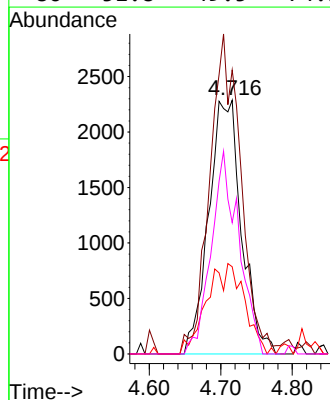
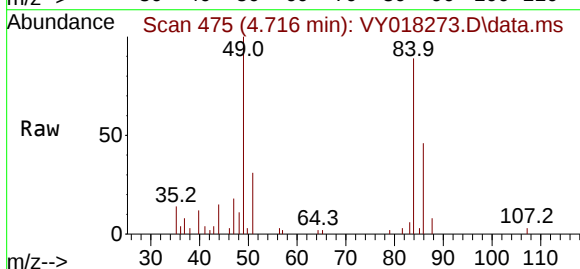
Instrument :
MSVOA_Y
ClientSampleId :
SW-02-229

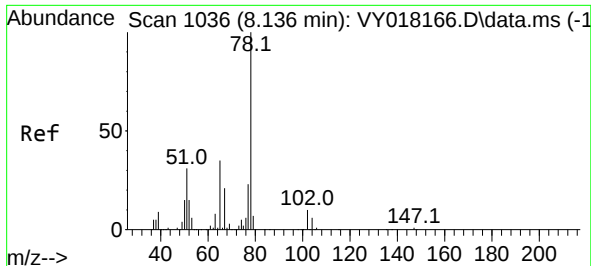
Tgt Ion:168 Resp: 116025
Ion Ratio Lower Upper
168 100
99 51.6 39.1 58.7



#20
Methylene Chloride
Concen: 6.047 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY018273.D
Acq: 15 May 2024 15:27

Tgt Ion: 84 Resp: 7280
Ion Ratio Lower Upper
84 100
49 111.9 84.4 126.6
51 34.4 26.0 39.0
86 51.8 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 57.020 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY018273.D

Acq: 15 May 2024 15:27

Instrument :

MSVOA_Y

ClientSampleId :

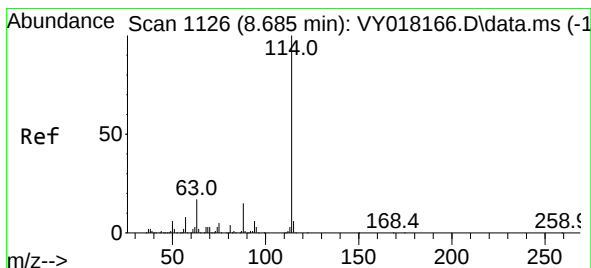
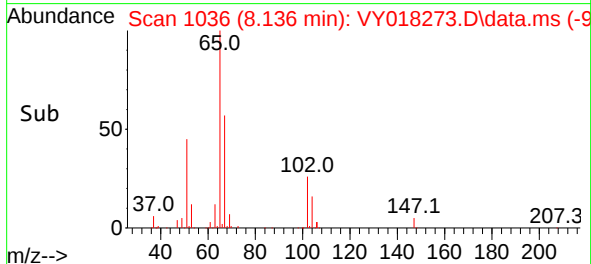
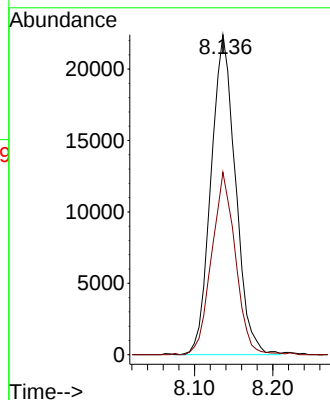
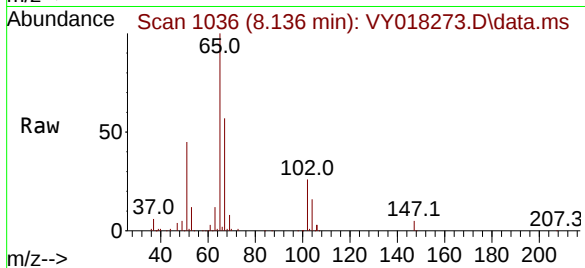
SW-02-229

Tgt Ion: 65 Resp: 48670

Ion Ratio Lower Upper

65 100

67 55.5 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: VY018273.D

Acq: 15 May 2024 15:27

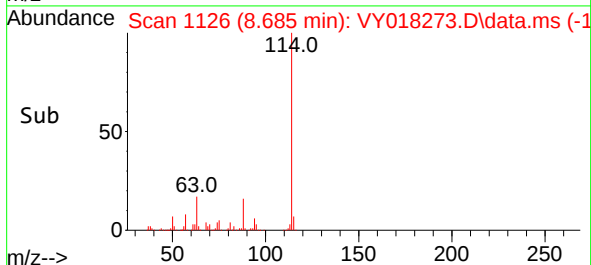
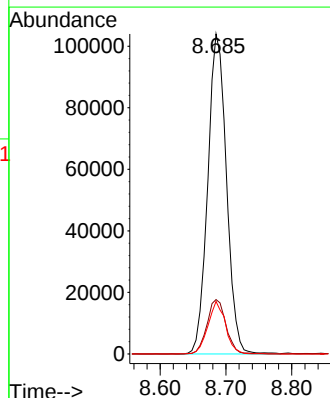
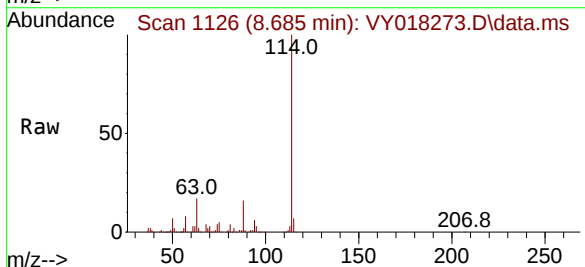
Tgt Ion: 114 Resp: 206154

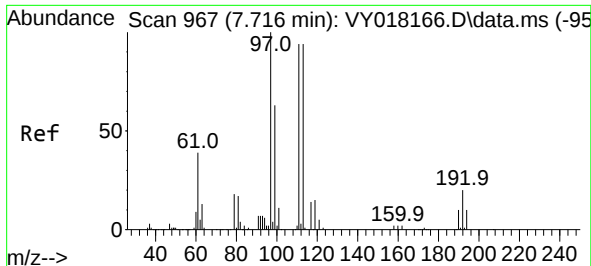
Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.0

88 16.4 0.0 27.2





#35

Dibromofluoromethane

Concen: 53.841 ug/l

RT: 7.709 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY018273.D

Acq: 15 May 2024 15:27

Instrument :

MSVOA_Y

ClientSampleId :

SW-02-229

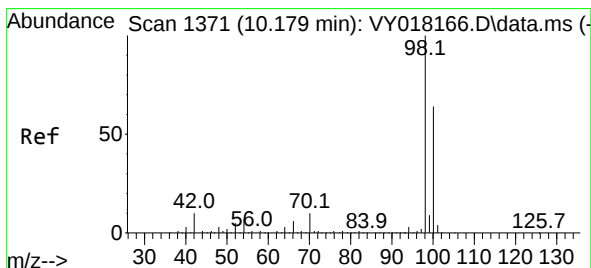
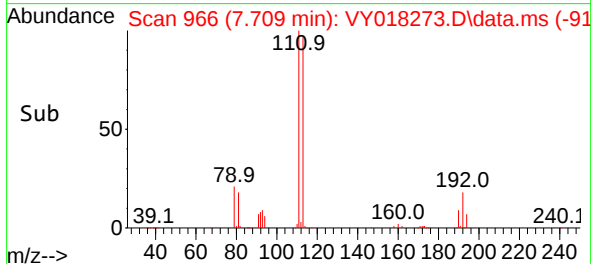
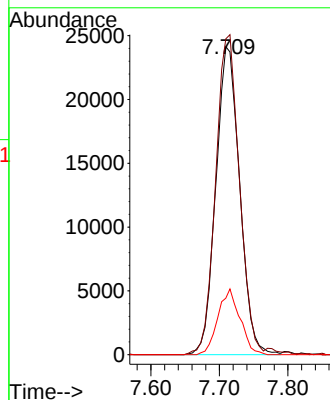
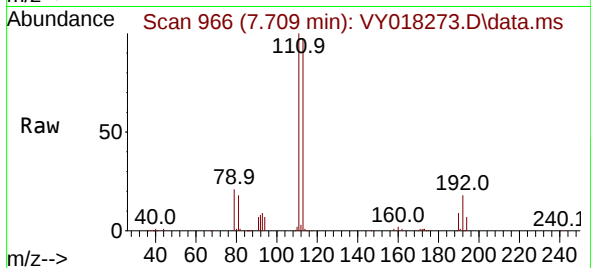
Tgt Ion:113 Resp: 58333

Ion Ratio Lower Upper

113 100

111 104.5 82.2 123.4

192 19.8 15.9 23.9



#50

Toluene-d8

Concen: 54.626 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY018273.D

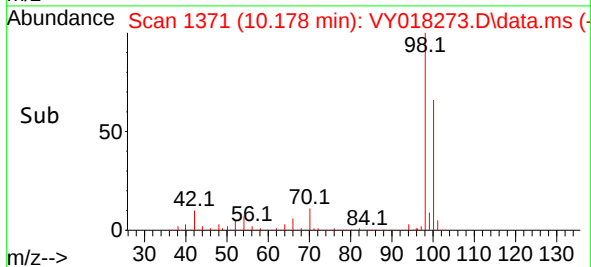
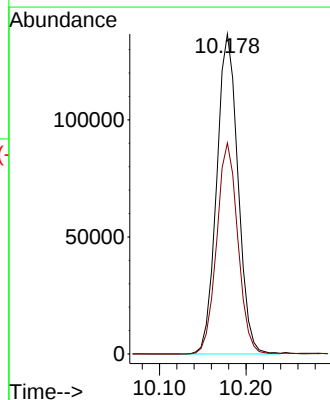
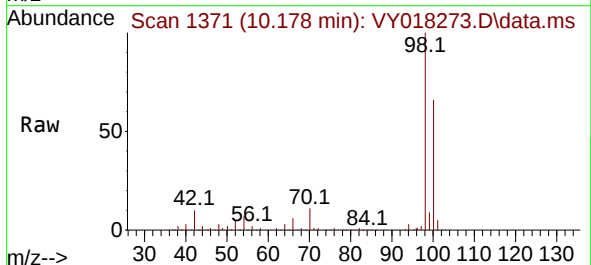
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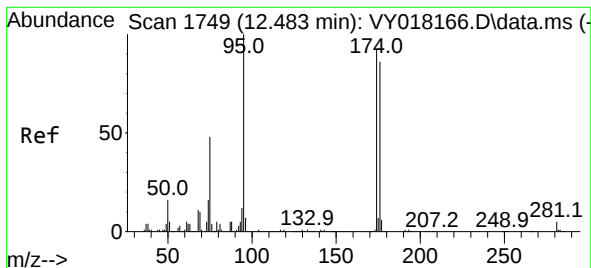
Tgt Ion: 98 Resp: 233222

Ion Ratio Lower Upper

98 100

100 65.6 52.0 78.0

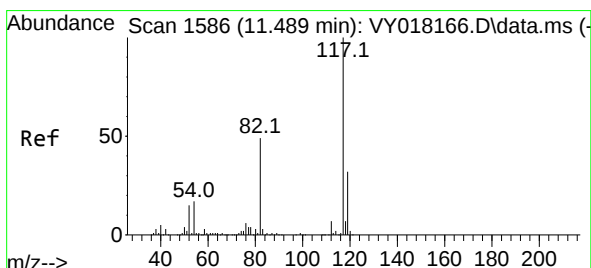
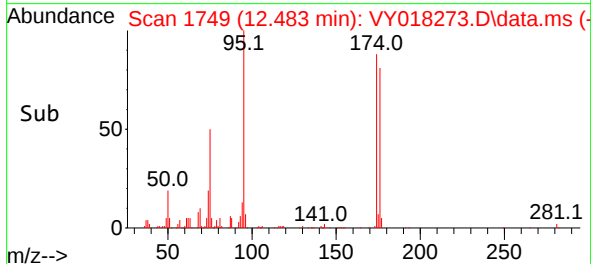
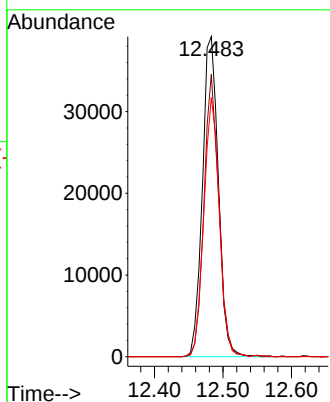
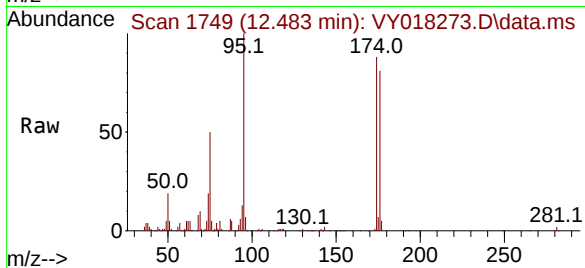




#62
4-Bromofluorobenzene
Concen: 46.162 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018273.D
Acq: 15 May 2024 15:27

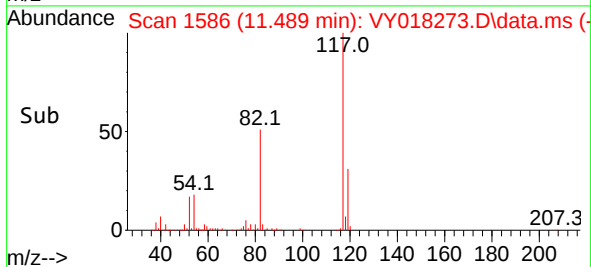
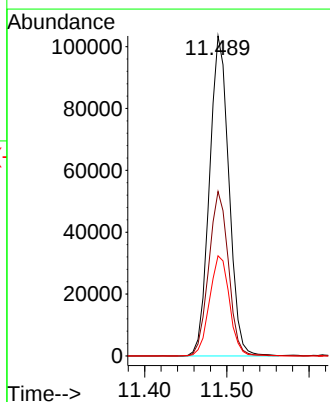
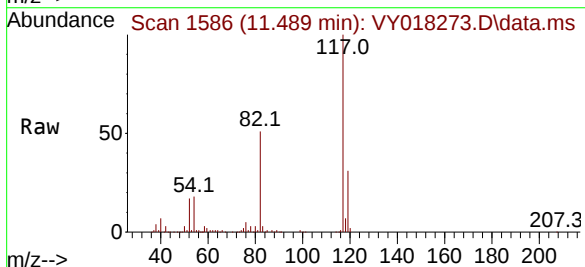
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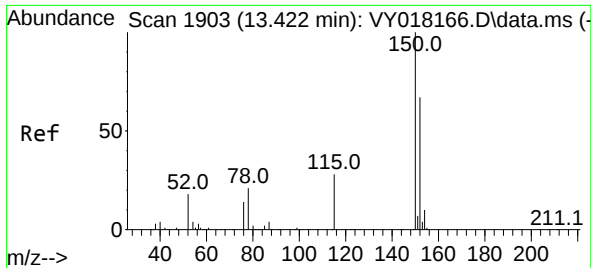
Tgt Ion: 95 Resp: 63647
Ion Ratio Lower Upper
95 100
174 82.1 0.0 175.6
176 78.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY018273.D
Acq: 15 May 2024 15:27

Tgt Ion: 117 Resp: 170096
Ion Ratio Lower Upper
117 100
82 51.4 42.4 63.6
119 31.3 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: VY018273.D
 Acq: 15 May 2024 15:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 SW-02-229

Tgt Ion:152 Resp: 58377
 Ion Ratio Lower Upper
 152 100
 115 59.4 28.2 84.7
 150 161.7 0.0 345.6

