

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051624\
 Data File : VY018289.D
 Acq On : 16 May 2024 16:47
 Operator : SY/MD
 Sample : P2500-02
 Misc : 6.59g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-112-SB02

Quant Time: May 17 01:16:56 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)

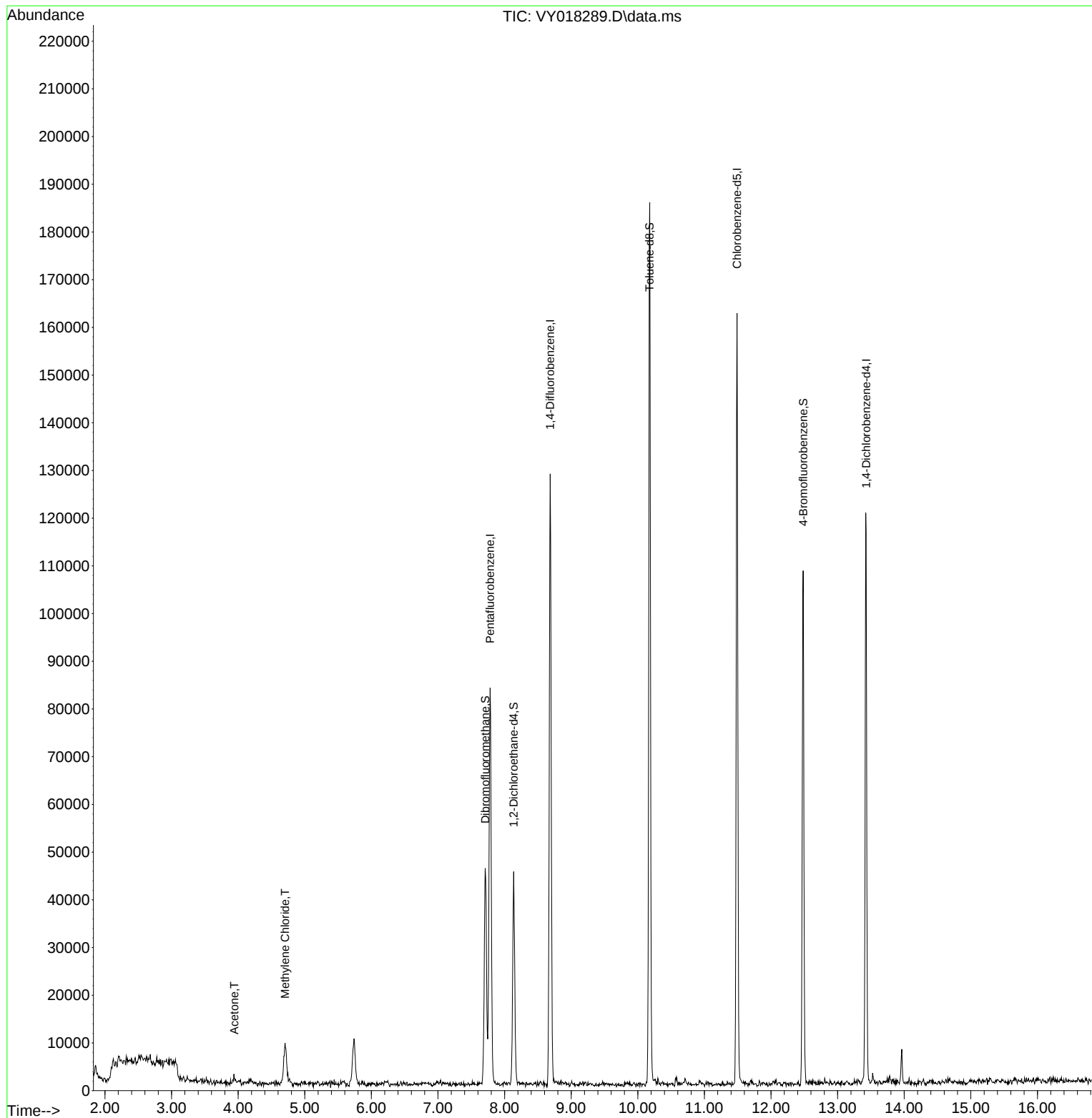
Internal Standards						
1) Pentafluorobenzene	7.783	168	63057	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	114907	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	90243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	30423	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	30905	66.621	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 133.240%		
35) Dibromofluoromethane	7.710	113	32933	54.535	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 109.060%		
50) Toluene-d8	10.179	98	125695	52.820	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 105.640%		
62) 4-Bromofluorobenzene	12.483	95	34228	44.539	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 89.080%		
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	2292	24.759	ug/l #	84
20) Methylene Chloride	4.704	84	6288	9.610	ug/l #	94

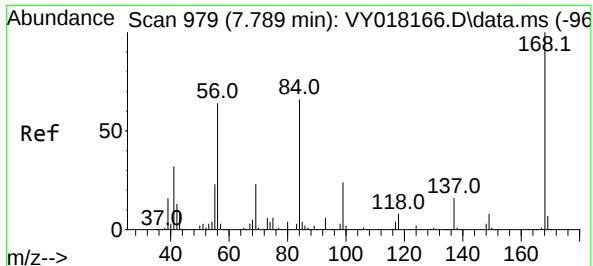
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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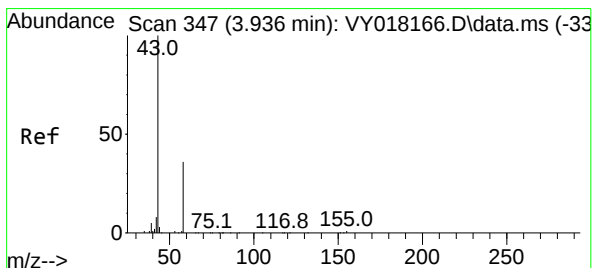
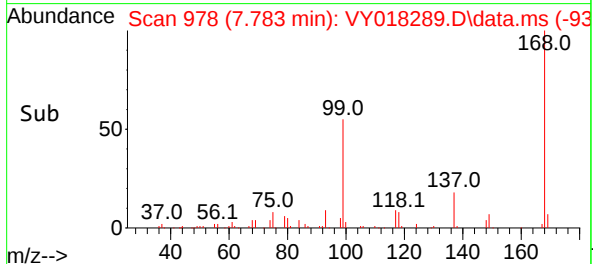
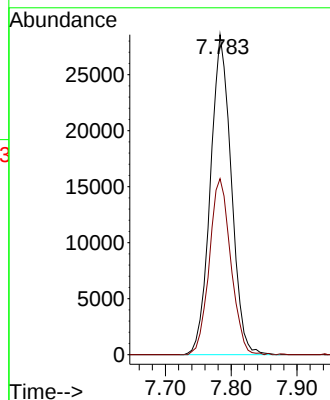
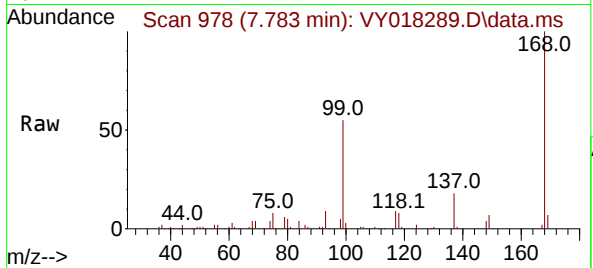




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018289.D
Acq: 16 May 2024 16:47

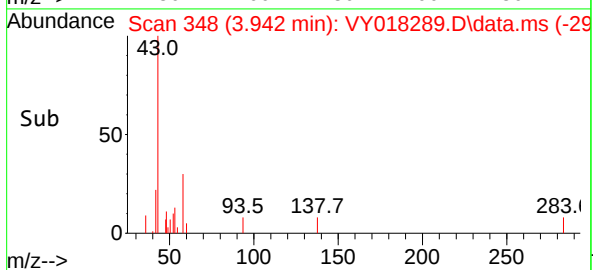
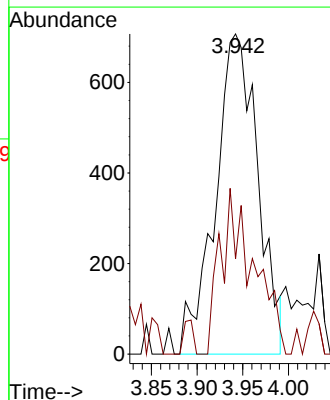
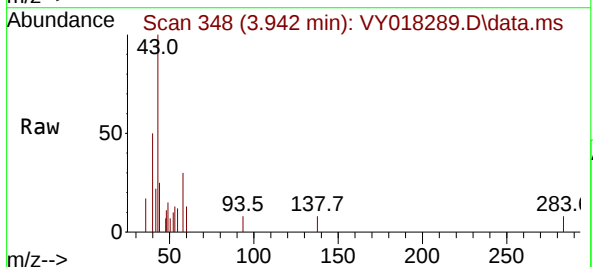
Instrument :
MSVOA_Y
ClientSampleId :
B-112-SB02

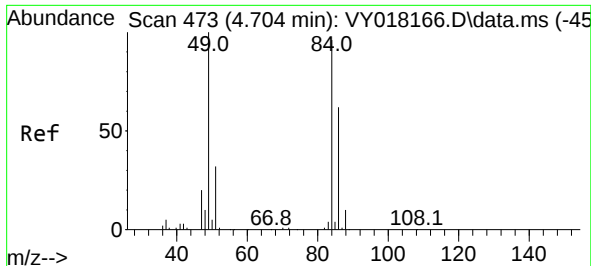
Tgt Ion:168 Resp: 63057
Ion Ratio Lower Upper
168 100
99 55.0 39.1 58.7



#16
Acetone
Concen: 24.759 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY018289.D
Acq: 16 May 2024 16:47

Tgt Ion: 43 Resp: 2292
Ion Ratio Lower Upper
43 100
58 29.7 31.7 47.5#

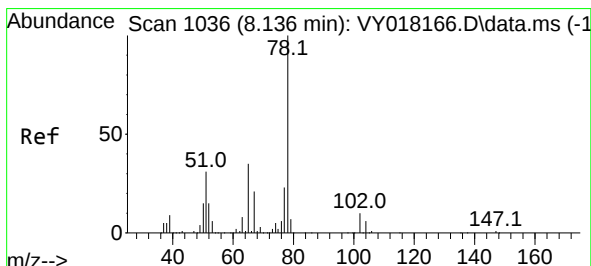
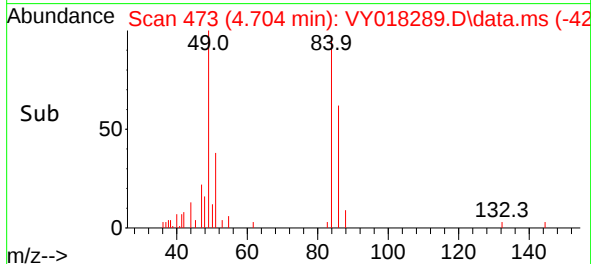
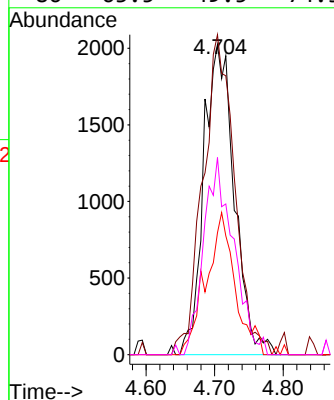
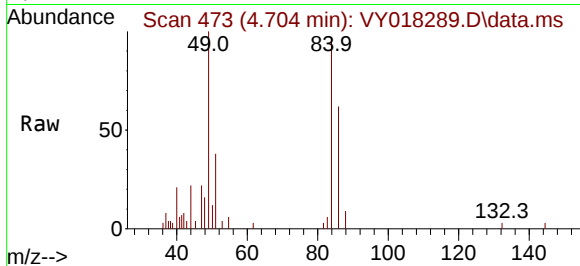




#20
Methylene Chloride
Concen: 9.610 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018289.D
Acq: 16 May 2024 16:47

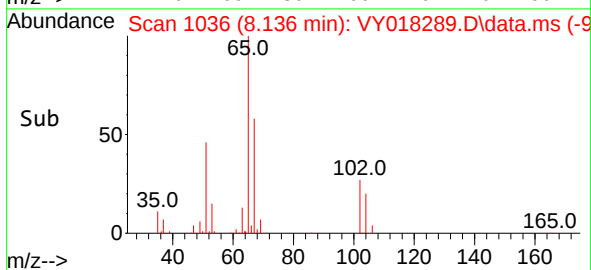
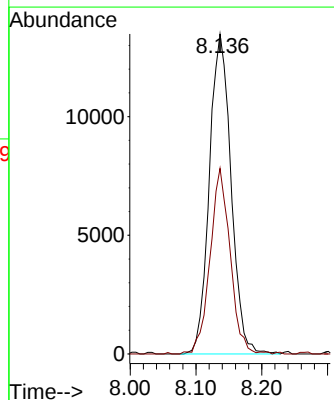
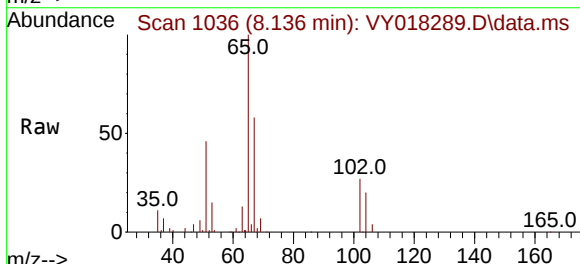
Instrument :
MSVOA_Y
ClientSampleId :
B-112-SB02

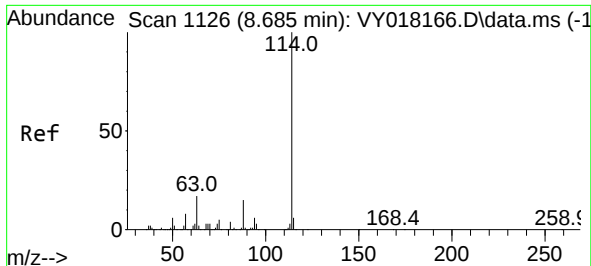
Tgt Ion:	84	Resp:	6288
Ion	Ratio	Lower	Upper
84	100		
49	99.1	84.4	126.6
51	39.3	26.0	39.0#
86	63.5	49.5	74.3



#33
1,2-Dichloroethane-d4
Concen: 66.621 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018289.D
Acq: 16 May 2024 16:47

Tgt Ion:	65	Resp:	30905
Ion	Ratio	Lower	Upper
65	100		
67	53.9	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: VY018289.D

Acq: 16 May 2024 16:47

Instrument :

MSVOA_Y

ClientSampleId :

B-112-SB02

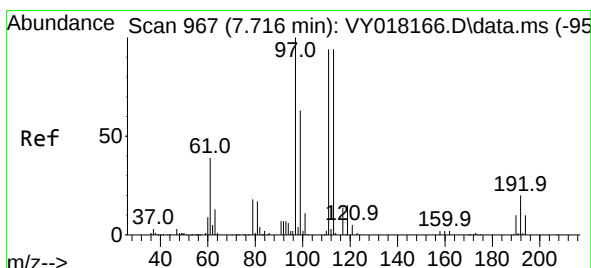
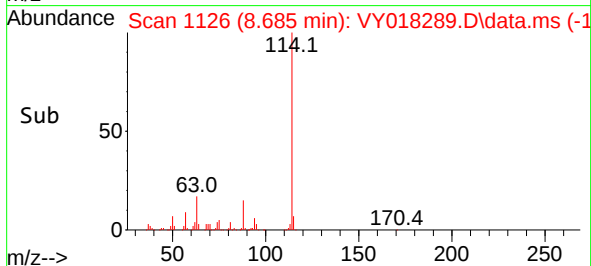
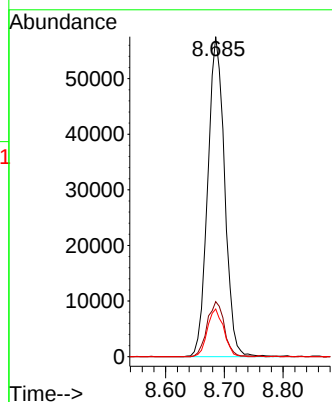
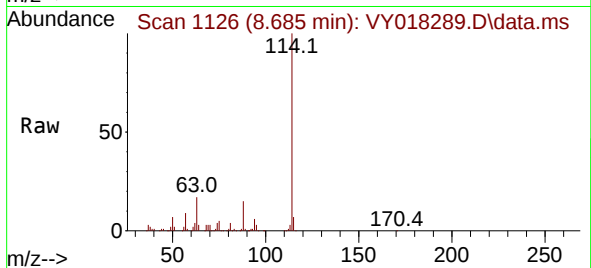
Tgt Ion:114 Resp: 114907

Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

88 14.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.535 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY018289.D

Acq: 16 May 2024 16:47

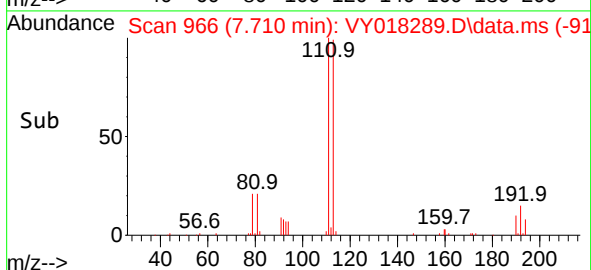
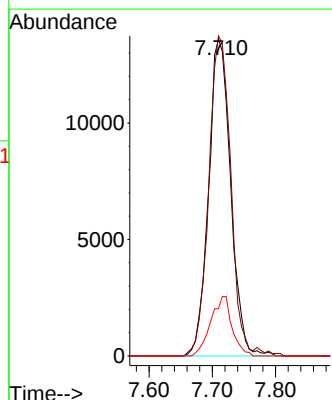
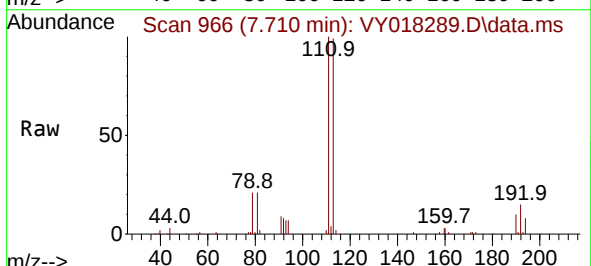
Tgt Ion:113 Resp: 32933

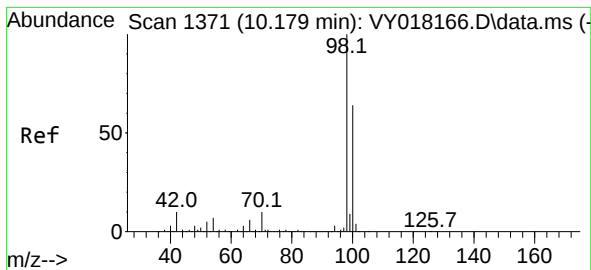
Ion Ratio Lower Upper

113 100

111 100.0 82.2 123.4

192 18.1 15.9 23.9





#50

Toluene-d8

Concen: 52.820 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY018289.D

Acq: 16 May 2024 16:47

Instrument :

MSVOA_Y

ClientSampleId :

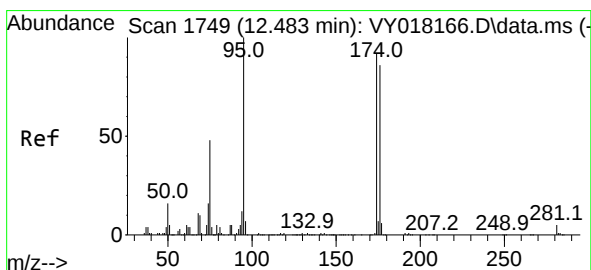
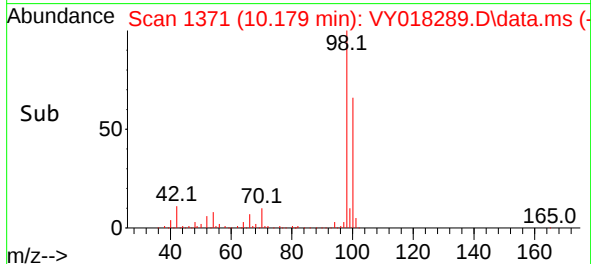
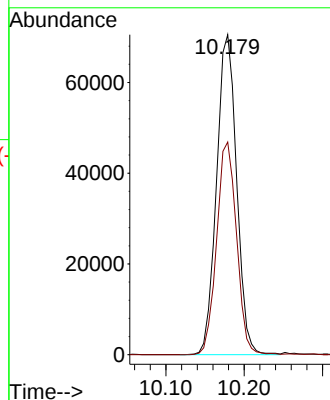
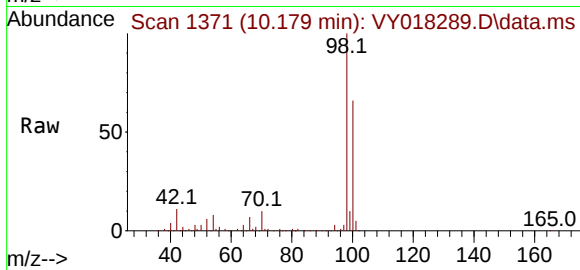
B-112-SB02

Tgt Ion: 98 Resp: 125695

Ion Ratio Lower Upper

98 100

100 65.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 44.539 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018289.D

Acq: 16 May 2024 16:47

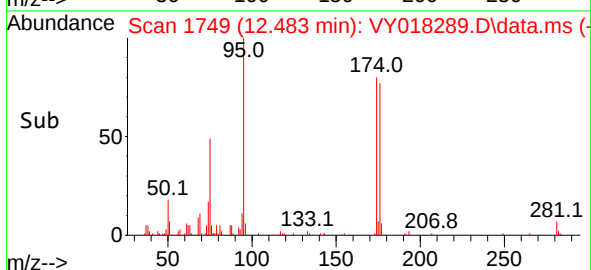
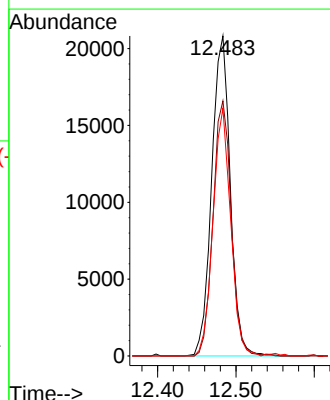
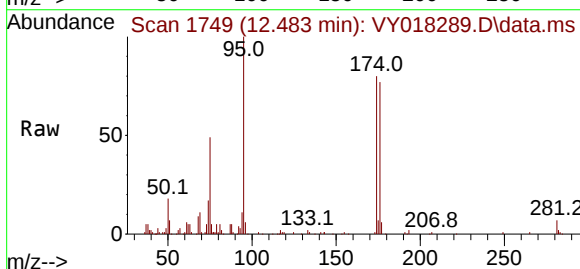
Tgt Ion: 95 Resp: 34228

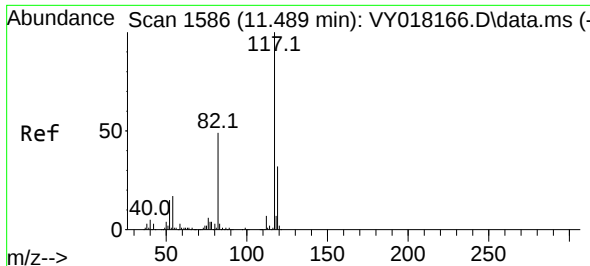
Ion Ratio Lower Upper

95 100

174 78.4 0.0 175.6

176 73.7 0.0 171.4

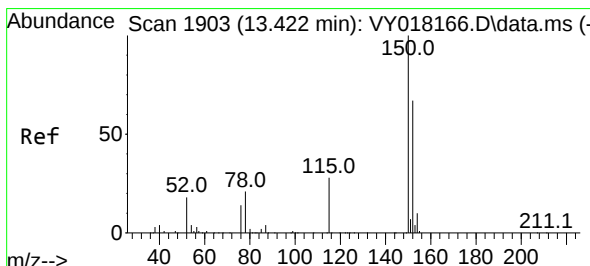
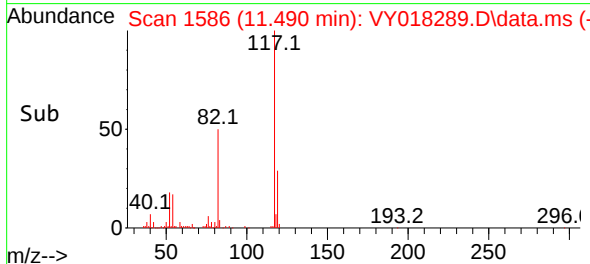
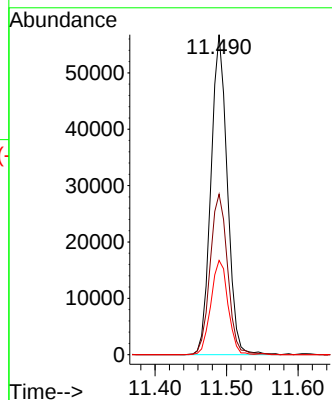
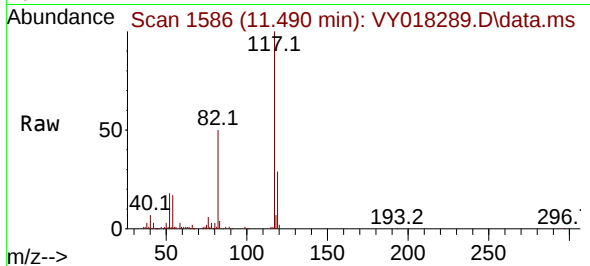




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018289.D
Acq: 16 May 2024 16:47

Instrument :
MSVOA_Y
ClientSampleId :
B-112-SB02

Tgt Ion:117 Resp: 90243
Ion Ratio Lower Upper
117 100
82 50.1 42.4 63.6
119 29.4 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: VY018289.D
Acq: 16 May 2024 16:47

Tgt Ion:152 Resp: 30423
Ion Ratio Lower Upper
152 100
115 59.3 28.2 84.7
150 158.3 0.0 345.6

