

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051524\
 Data File : VY018275.D
 Acq On : 15 May 2024 16:14
 Operator : SY/MD
 Sample : P2482-05
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-02-229

Quant Time: May 16 03:07:38 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)

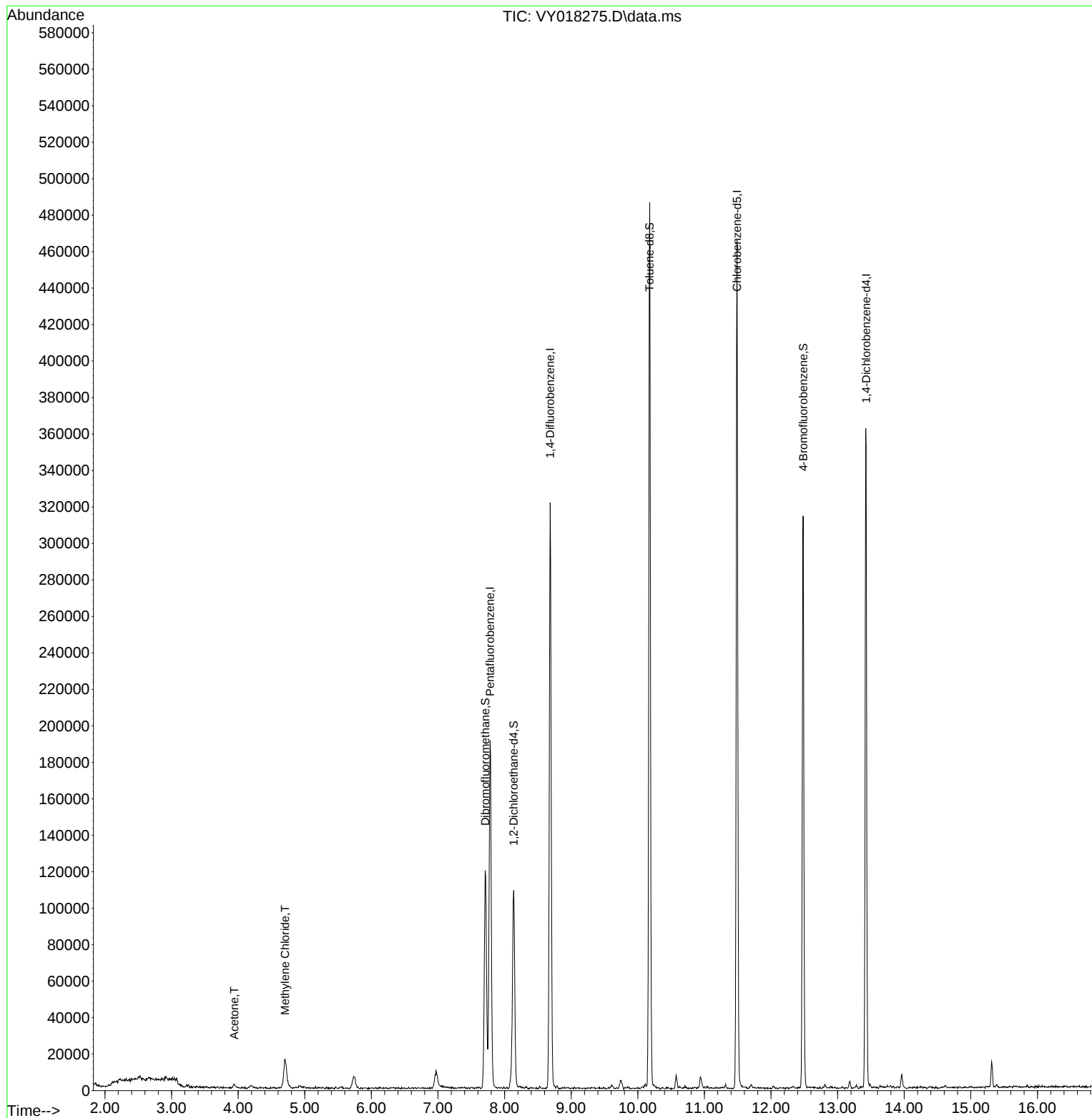
Internal Standards						
1) Pentafluorobenzene	7.783	168	150125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	287788	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	256716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93948	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	76225	69.018	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.040%
35) Dibromofluoromethane	7.710	113	85211	56.339	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.680%
50) Toluene-d8	10.179	98	324892	54.512	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.020%
62) 4-Bromofluorobenzene	12.483	95	97086	50.441	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.880%
Target Compounds						
16) Acetone	3.942	43	3369	15.286	ug/l #	73
20) Methylene Chloride	4.704	84	12215	7.841	ug/l	95

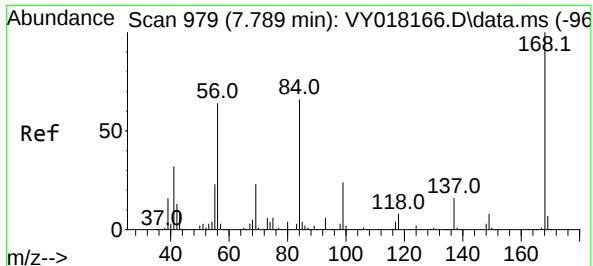
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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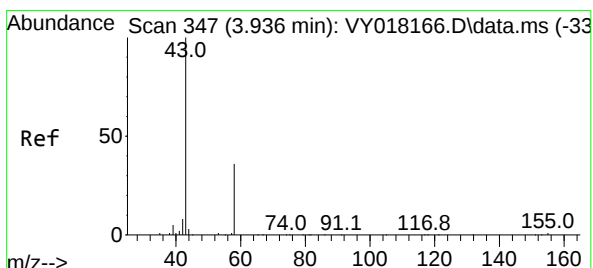
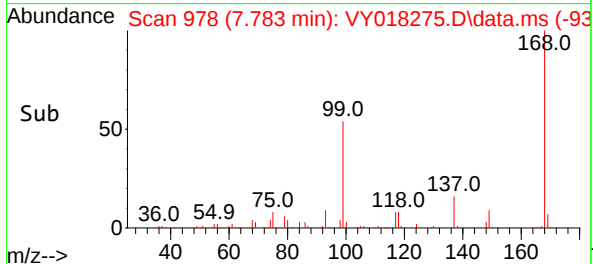
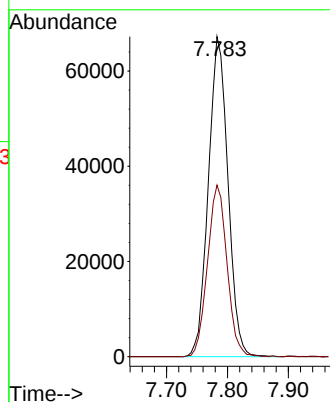
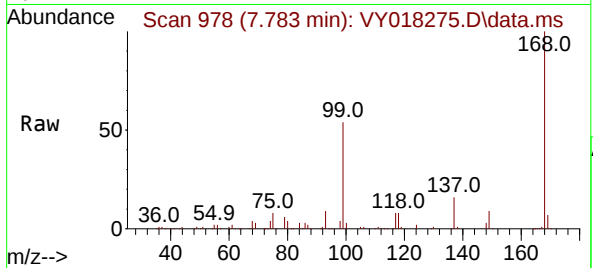




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018275.D
Acq: 15 May 2024 16:14

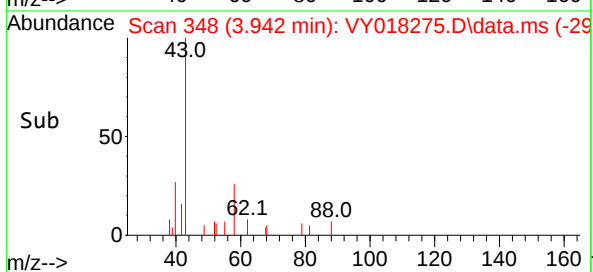
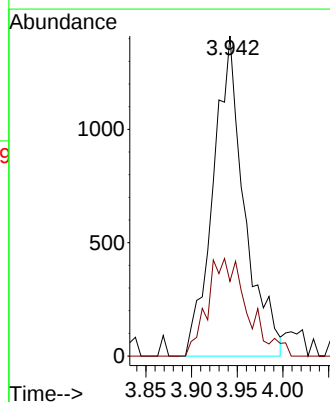
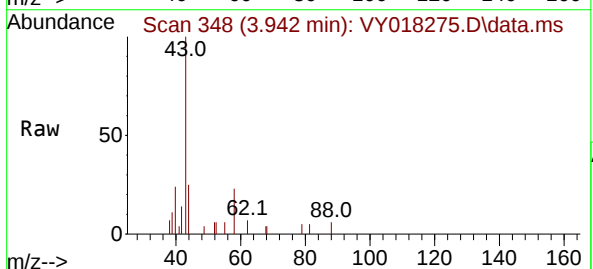
Instrument :
MSVOA_Y
ClientSampleId :
B-02-229

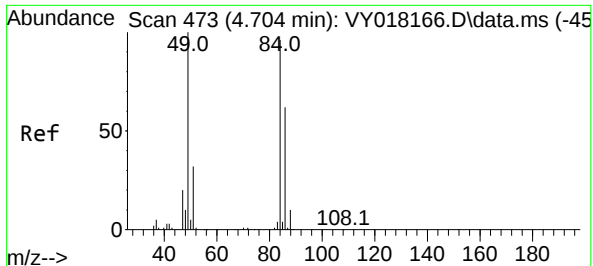
Tgt Ion:168 Resp: 150125
Ion Ratio Lower Upper
168 100
99 53.6 39.1 58.7



#16
Acetone
Concen: 15.286 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY018275.D
Acq: 15 May 2024 16:14

Tgt Ion: 43 Resp: 3369
Ion Ratio Lower Upper
43 100
58 23.3 31.7 47.5#

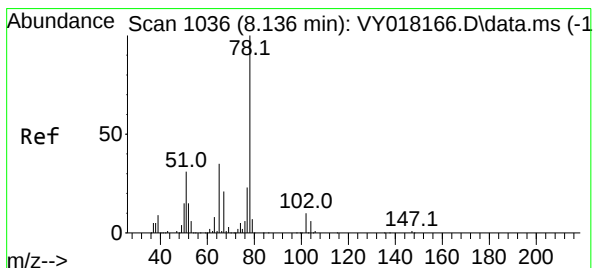
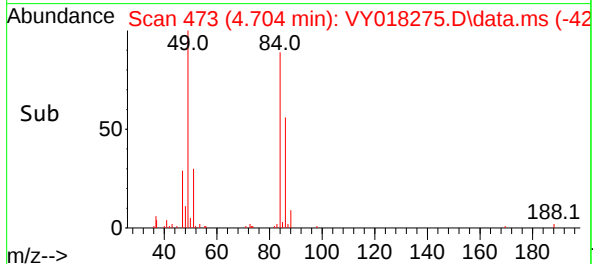
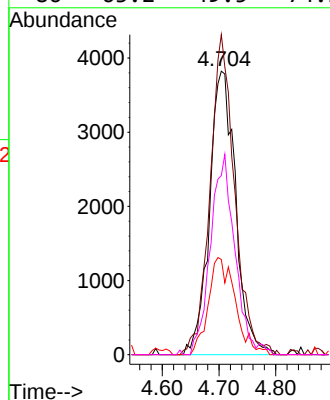
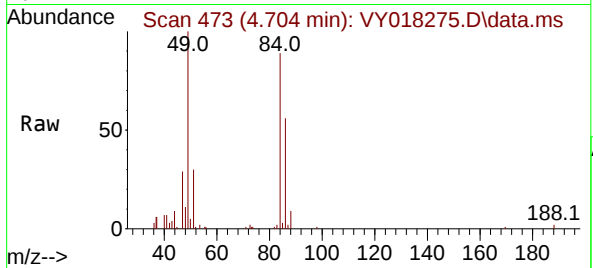




#20
Methylene Chloride
Concen: 7.841 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018275.D
Acq: 15 May 2024 16:14

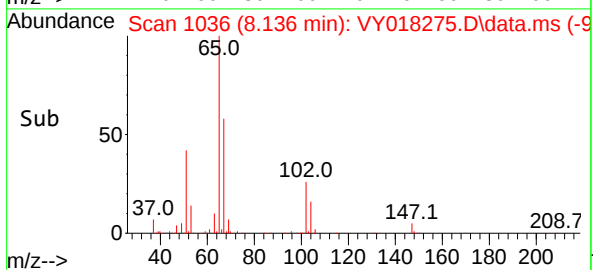
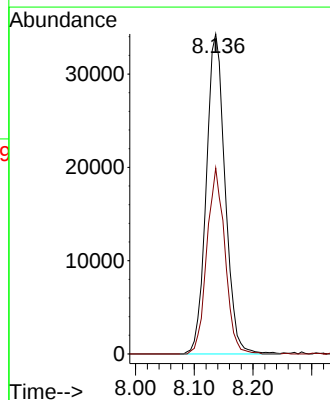
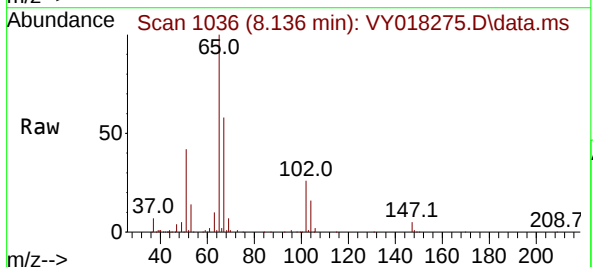
Instrument :
MSVOA_Y
ClientSampleId :
B-02-229

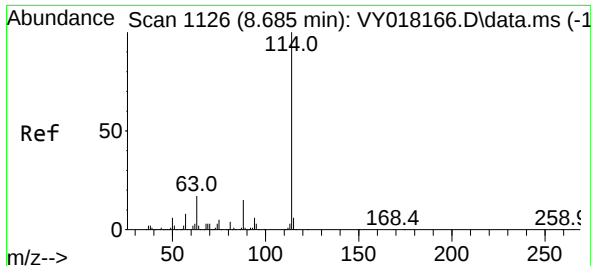
Tgt Ion:	84	Resp:	12215
Ion	Ratio	Lower	Upper
84	100		
49	112.9	84.4	126.6
51	33.6	26.0	39.0
86	63.2	49.5	74.3



#33
1,2-Dichloroethane-d4
Concen: 69.018 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018275.D
Acq: 15 May 2024 16:14

Tgt Ion:	65	Resp:	76225
Ion	Ratio	Lower	Upper
65	100		
67	55.9	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: VY018275.D

Acq: 15 May 2024 16:14

Instrument :

MSVOA_Y

ClientSampleId :

B-02-229

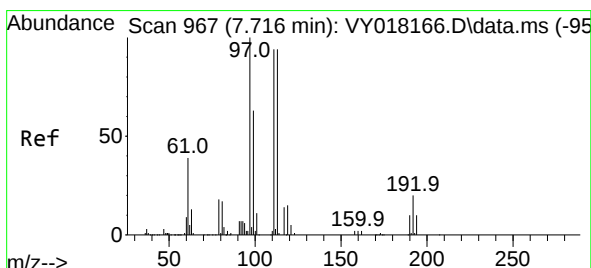
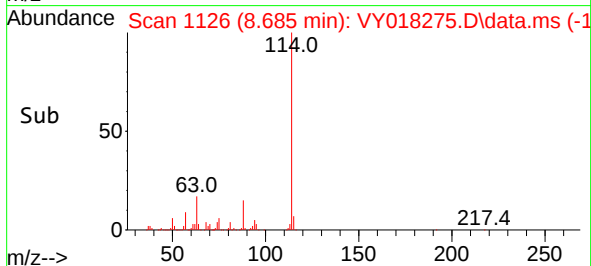
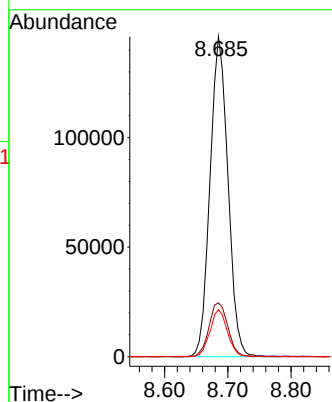
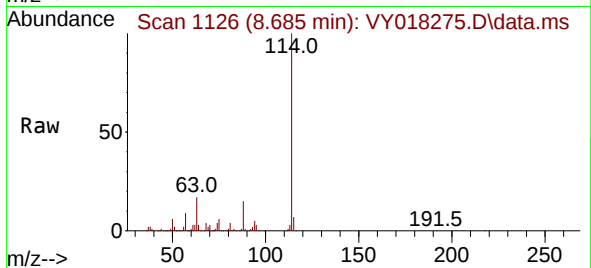
Tgt Ion:114 Resp: 287788

Ion Ratio Lower Upper

114 100

63 16.8 0.0 35.0

88 14.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 56.339 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY018275.D

Acq: 15 May 2024 16:14

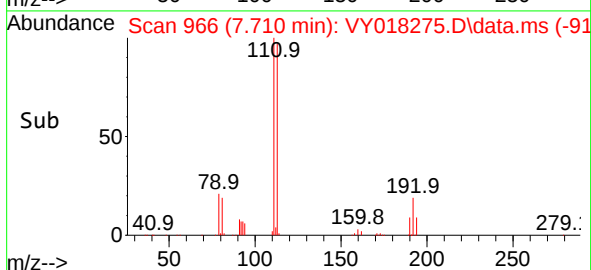
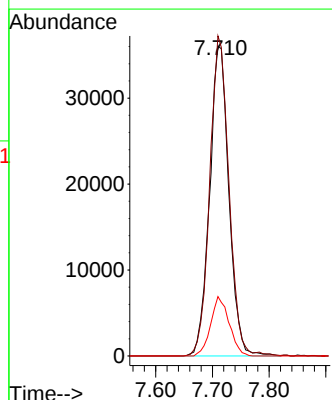
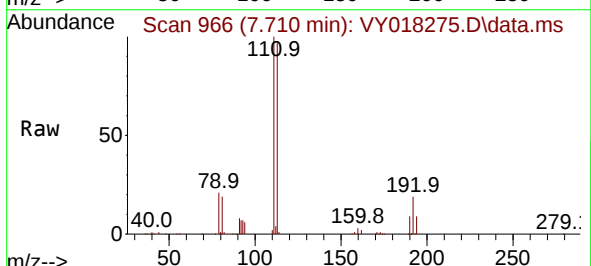
Tgt Ion:113 Resp: 85211

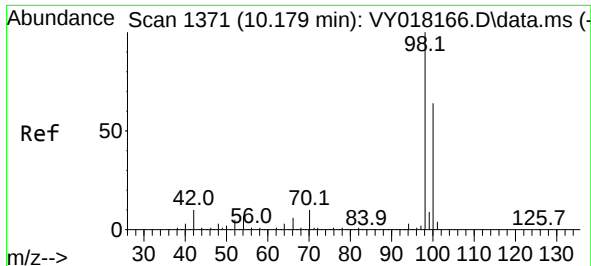
Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.4

192 18.4 15.9 23.9

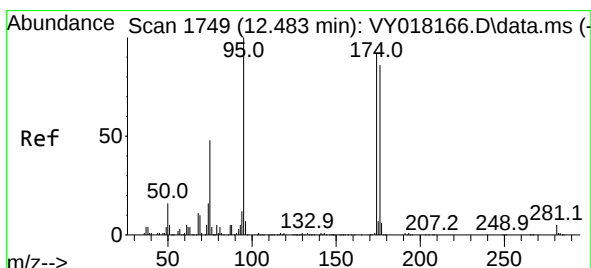
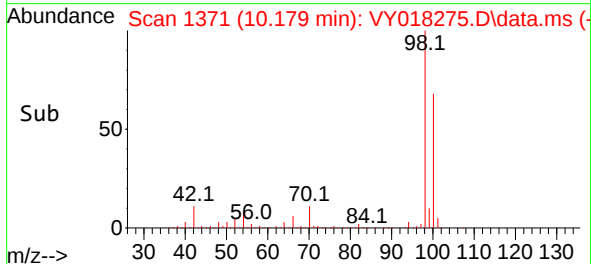
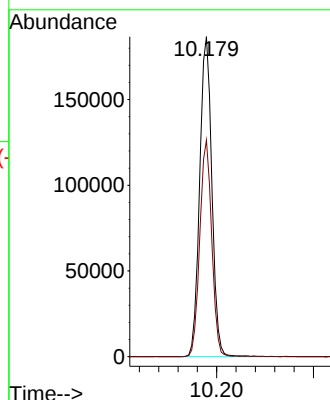
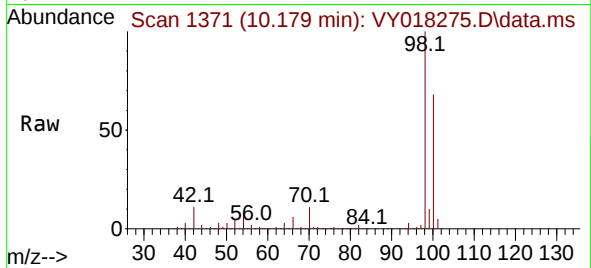




#50
Toluene-d8
Concen: 54.512 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018275.D
Acq: 15 May 2024 16:14

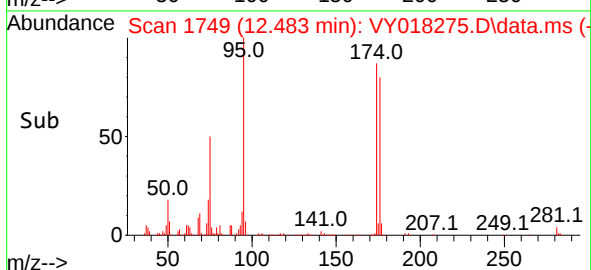
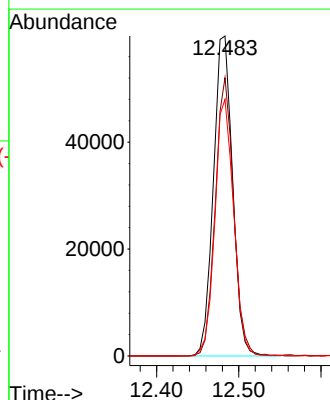
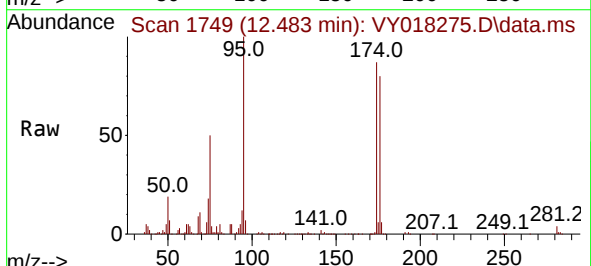
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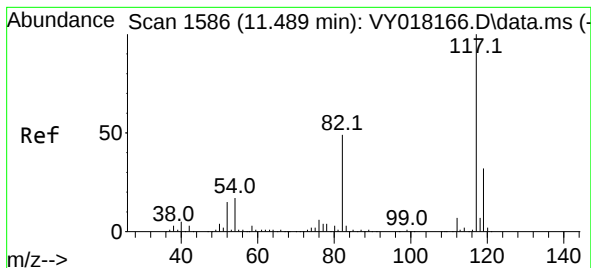
Tgt Ion: 98 Resp: 324892
Ion Ratio Lower Upper
98 100
100 66.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.441 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018275.D
Acq: 15 May 2024 16:14

Tgt Ion: 95 Resp: 97086
Ion Ratio Lower Upper
95 100
174 83.3 0.0 175.6
176 78.5 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: VY018275.D

Acq: 15 May 2024 16:14

Instrument :

MSVOA_Y

ClientSampleId :

B-02-229

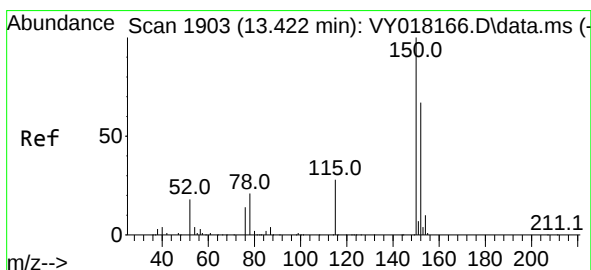
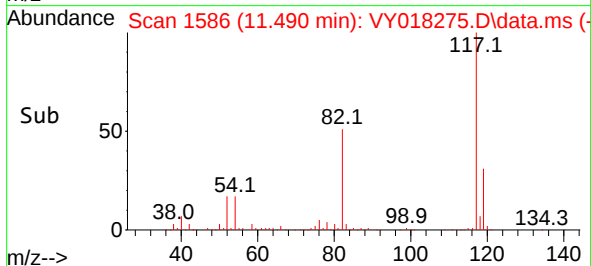
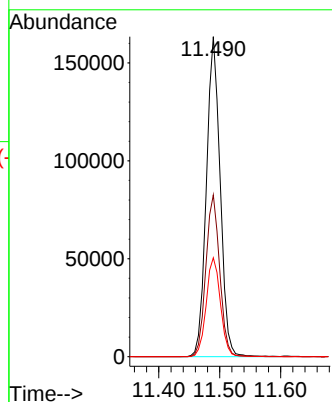
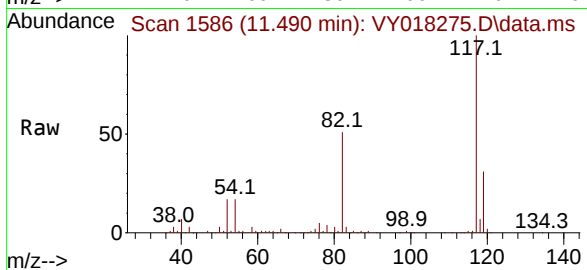
Tgt Ion:117 Resp: 256716

Ion Ratio Lower Upper

117 100

82 50.6 42.4 63.6

119 30.9 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: VY018275.D

Acq: 15 May 2024 16:14

Tgt Ion:152 Resp: 93948

Ion Ratio Lower Upper

152 100

115 59.8 28.2 84.7

150 157.2 0.0 345.6

