

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051624\
 Data File : VY018293.D
 Acq On : 16 May 2024 18:22
 Operator : SY/MD
 Sample : P2513-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-13

Quant Time: May 17 01:18:24 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)

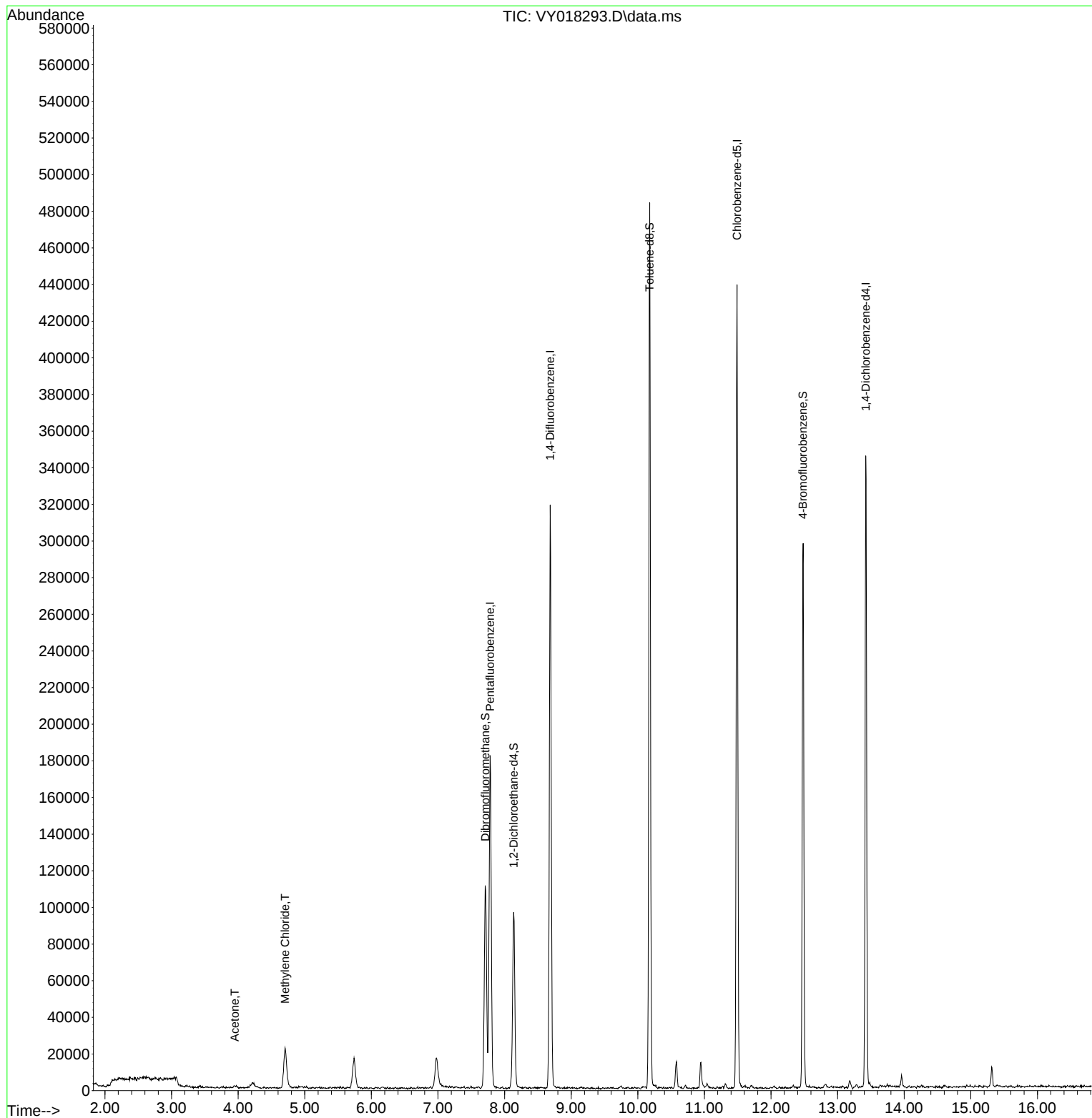
Internal Standards						
1) Pentafluorobenzene	7.783	168	136306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	270899	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	238154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	88782	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	70979	70.784	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	141.560%
35) Dibromofluoromethane	7.710	113	79989	56.184	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.360%
50) Toluene-d8	10.179	98	316291	56.377	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.760%
62) 4-Bromofluorobenzene	12.477	95	93110	51.391	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.780%
Target Compounds						Qvalue
16) Acetone	3.948	43	2116	10.574	ug/l	# 73
20) Methylene Chloride	4.704	84	16698	11.806	ug/l	95

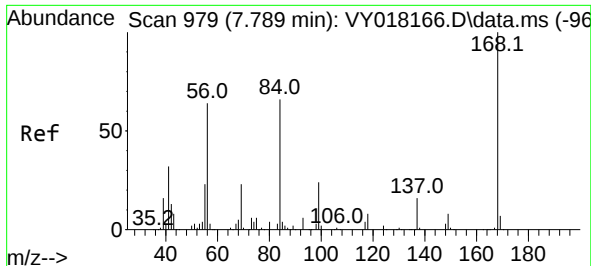
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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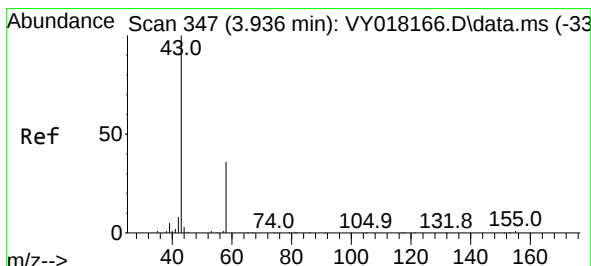
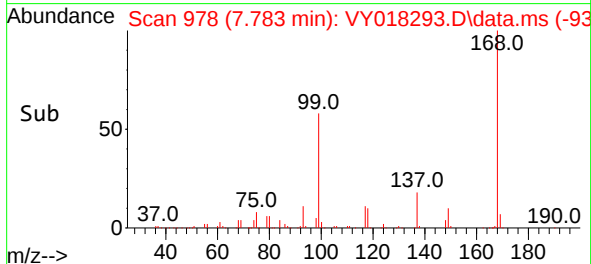
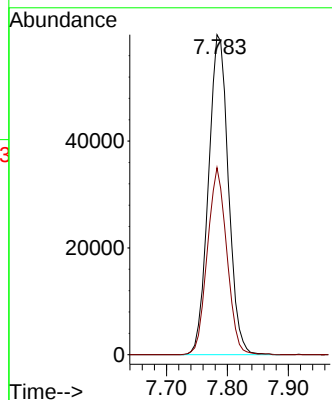
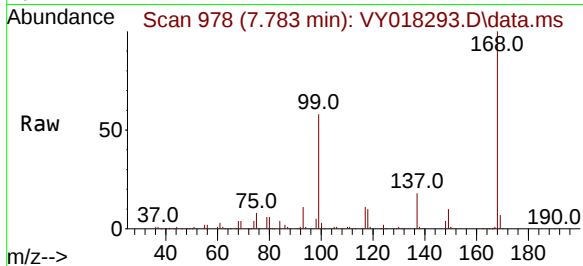




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018293.D
Acq: 16 May 2024 18:22

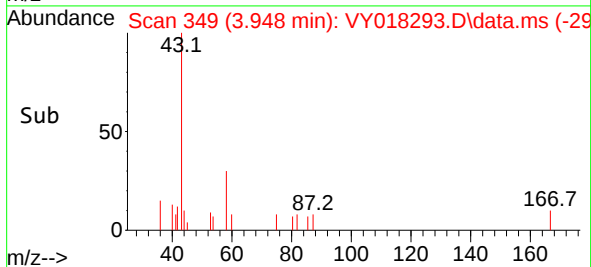
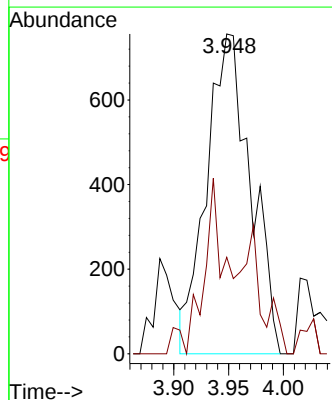
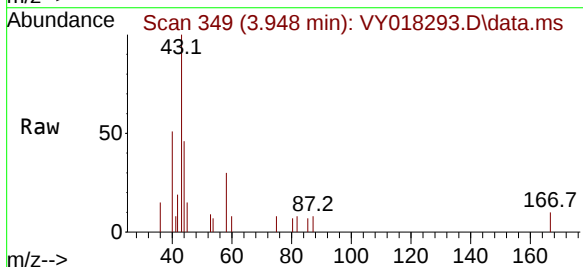
Instrument :
MSVOA_Y
ClientSampleId :
TP-13

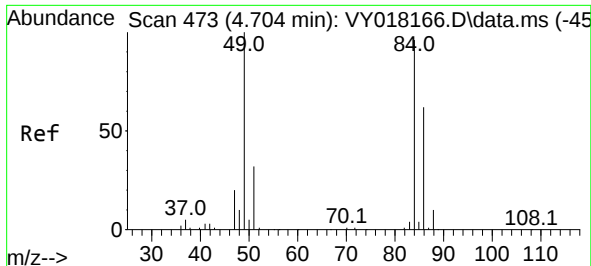
Tgt Ion:168 Resp: 136306
Ion Ratio Lower Upper
168 100
99 58.5 39.1 58.7



#16
Acetone
Concen: 10.574 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY018293.D
Acq: 16 May 2024 18:22

Tgt Ion: 43 Resp: 2116
Ion Ratio Lower Upper
43 100
58 22.8 31.7 47.5#

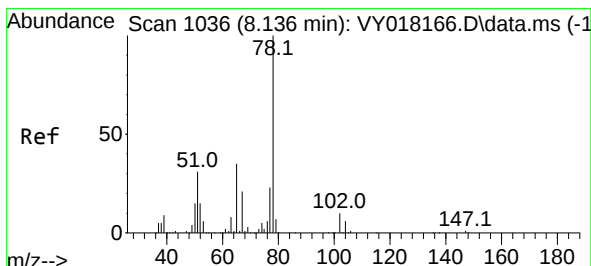
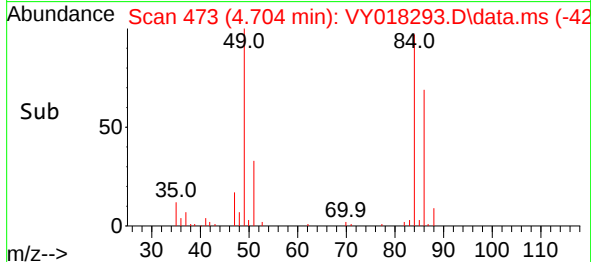
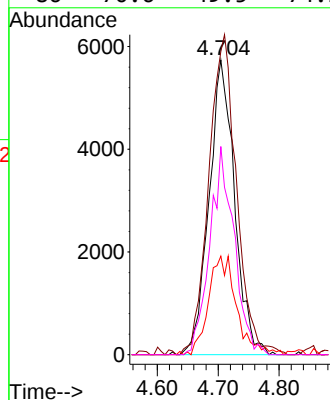
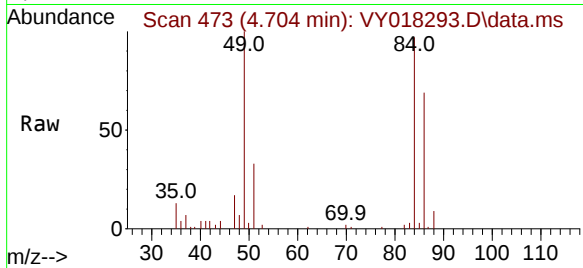




#20
Methylene Chloride
Concen: 11.806 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018293.D
Acq: 16 May 2024 18:22

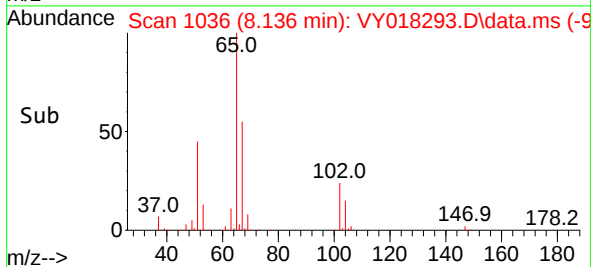
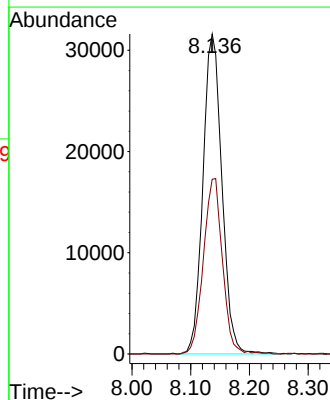
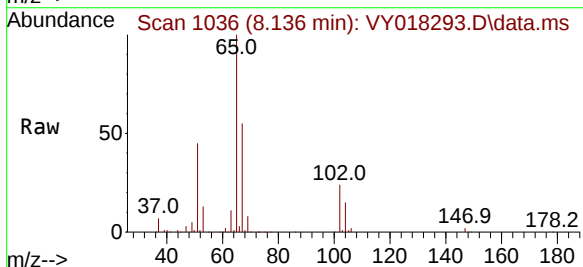
Instrument :
MSVOA_Y
ClientSampleId :
TP-13

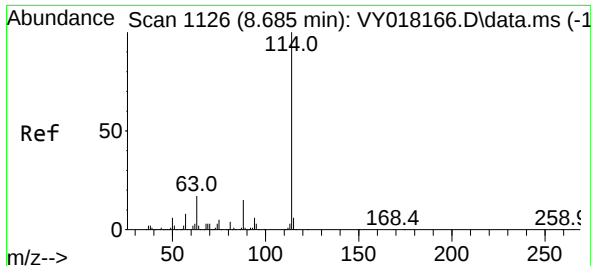
Tgt Ion:	84	Resp:	16698
Ion	Ratio	Lower	Upper
84	100		
49	102.9	84.4	126.6
51	32.4	26.0	39.0
86	70.6	49.5	74.3



#33
1,2-Dichloroethane-d4
Concen: 70.784 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018293.D
Acq: 16 May 2024 18:22

Tgt Ion:	65	Resp:	70979
Ion	Ratio	Lower	Upper
65	100		
67	55.1	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: VY018293.D

Acq: 16 May 2024 18:22

Instrument :

MSVOA_Y

ClientSampleId :

TP-13

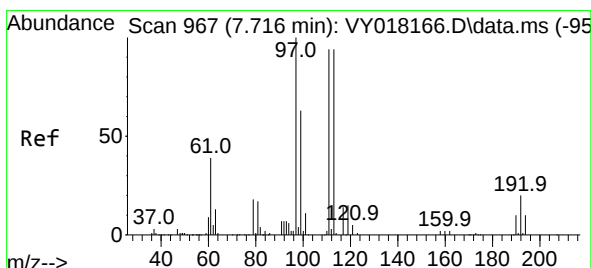
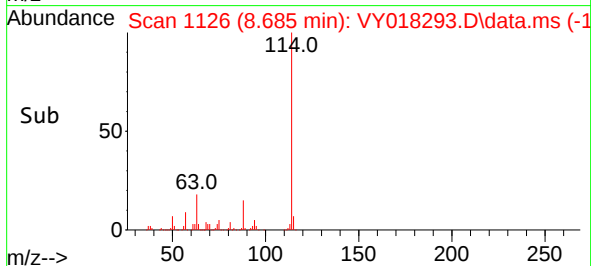
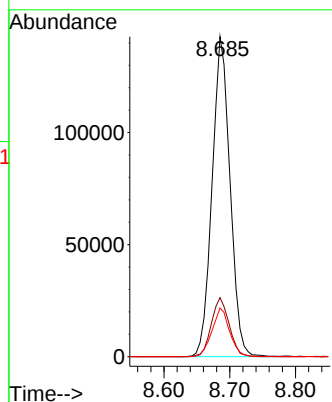
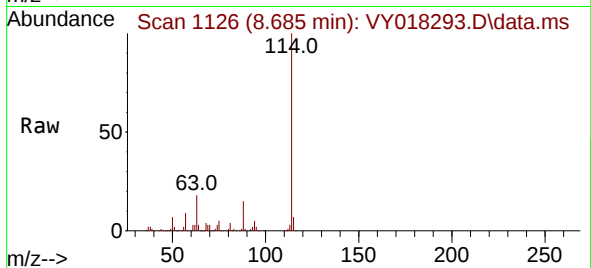
Tgt Ion:114 Resp: 270899

Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.0

88 15.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 56.184 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY018293.D

Acq: 16 May 2024 18:22

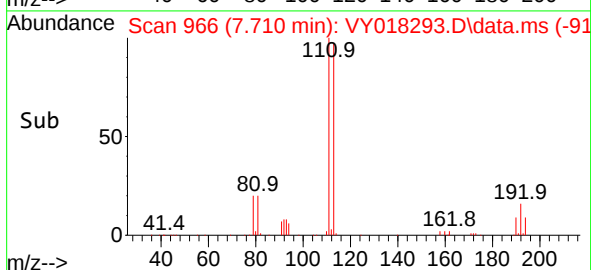
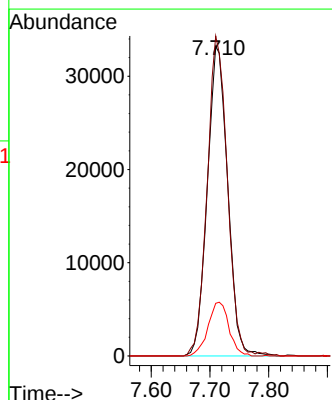
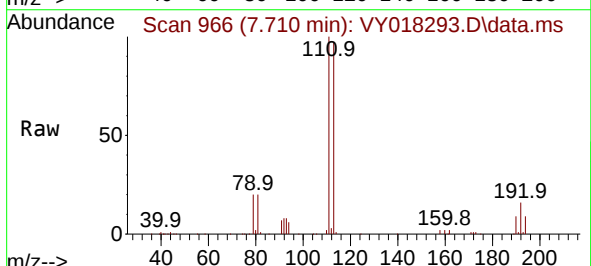
Tgt Ion:113 Resp: 79989

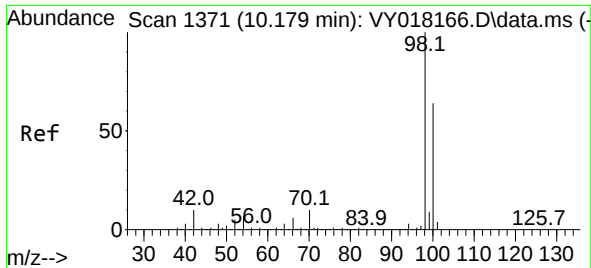
Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.4

192 17.8 15.9 23.9

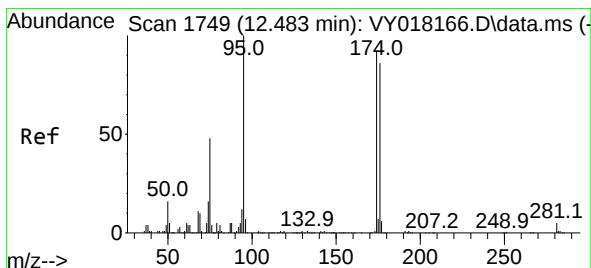
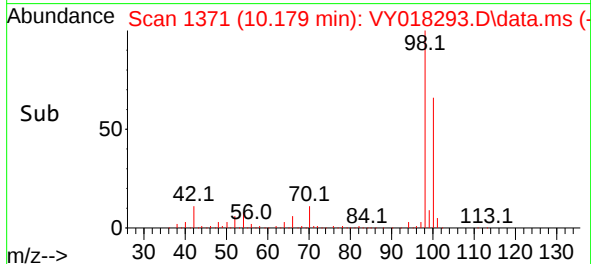
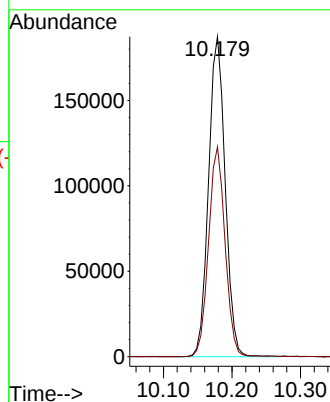
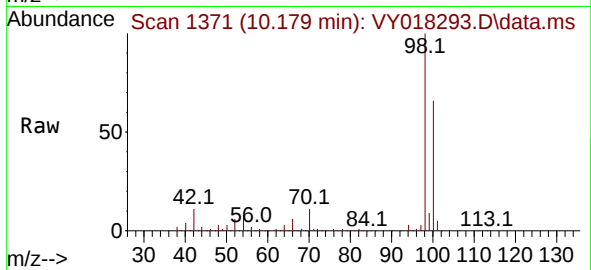




#50
Toluene-d8
Concen: 56.377 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018293.D
Acq: 16 May 2024 18:22

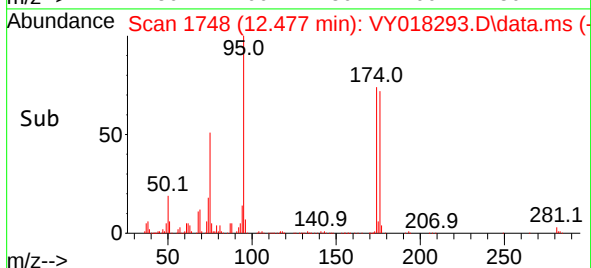
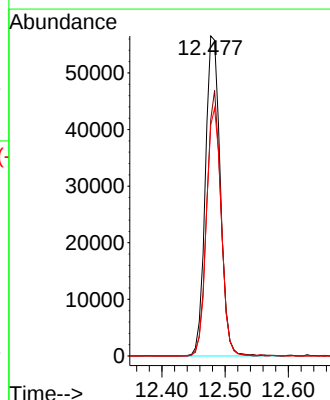
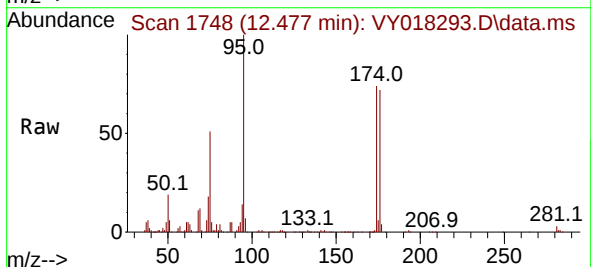
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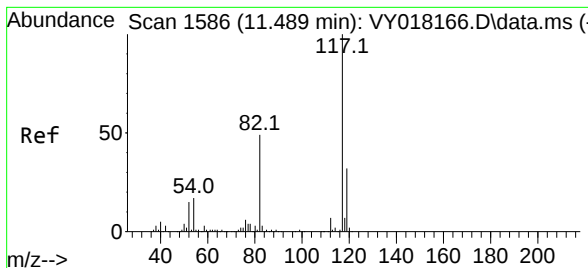
Tgt Ion: 98 Resp: 316291
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.391 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018293.D
Acq: 16 May 2024 18:22

Tgt Ion: 95 Resp: 93110
Ion Ratio Lower Upper
95 100
174 78.9 0.0 175.6
176 77.1 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: VY018293.D

Acq: 16 May 2024 18:22

Instrument :

MSVOA_Y

ClientSampleId :

TP-13

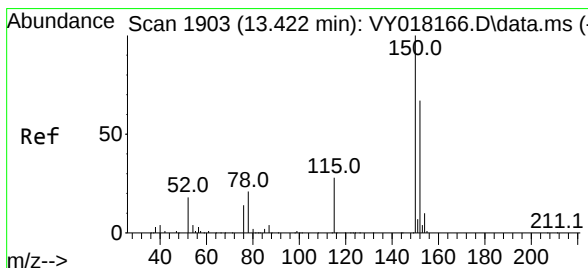
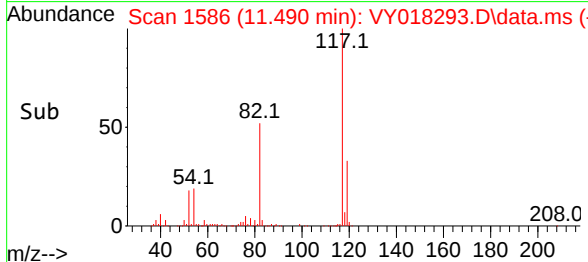
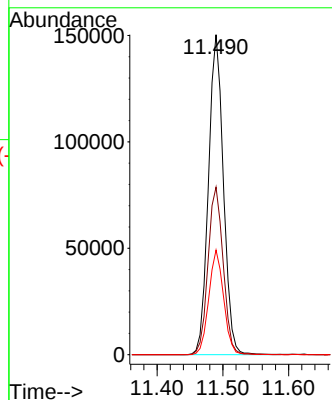
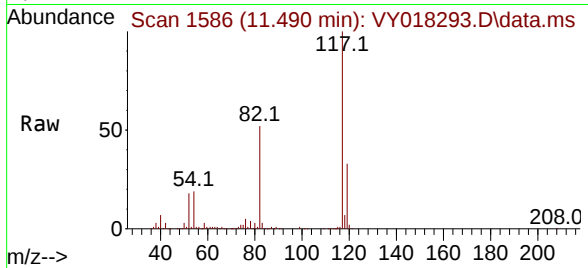
Tgt Ion:117 Resp: 238154

Ion Ratio Lower Upper

117 100

82 52.4 42.4 63.6

119 32.7 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: VY018293.D

Acq: 16 May 2024 18:22

Tgt Ion:152 Resp: 88782

Ion Ratio Lower Upper

152 100

115 58.8 28.2 84.7

150 157.3 0.0 345.6

