

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052024\
 Data File : VY018329.D
 Acq On : 20 May 2024 12:51
 Operator : SY/MD
 Sample : P2513-13
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-17

Quant Time: May 21 01:23:33 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)

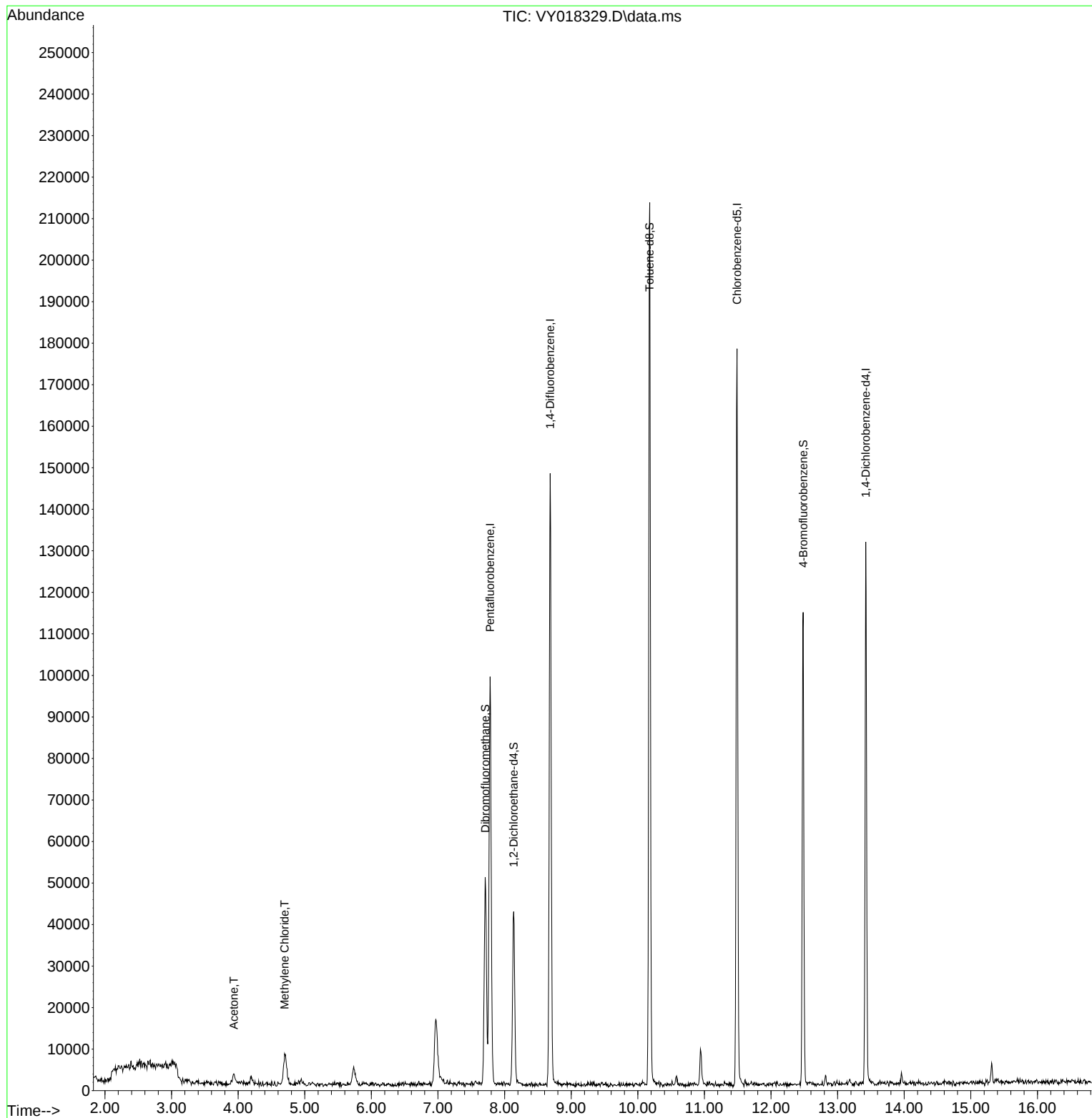
Internal Standards						
1) Pentafluorobenzene	7.783	168	73183	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	130400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	97169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	32083	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	29786	55.325	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.640%	
35) Dibromofluoromethane	7.710	113	35093	51.207	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.420%	
50) Toluene-d8	10.179	98	144049	53.340	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.680%	
62) 4-Bromofluorobenzene	12.483	95	35549	40.762	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 81.520%	
Target Compounds						
16) Acetone	3.936	43	3850	35.834	ug/l	94
20) Methylene Chloride	4.698	84	5660	7.453	ug/l	89

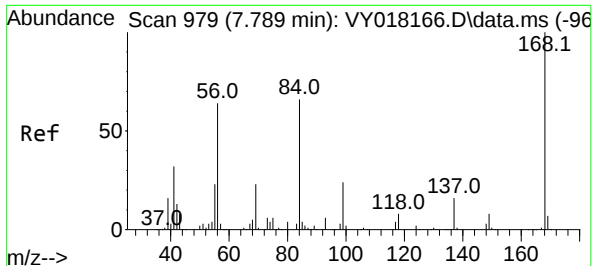
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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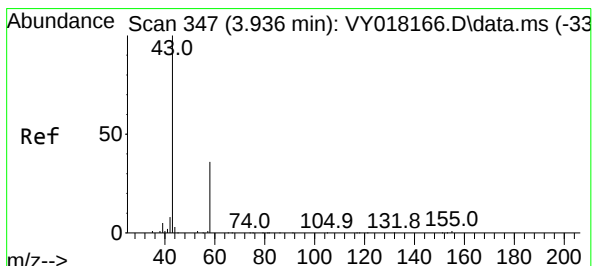
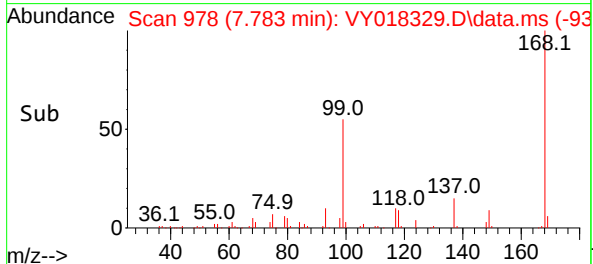
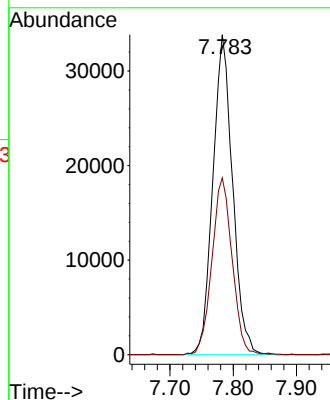
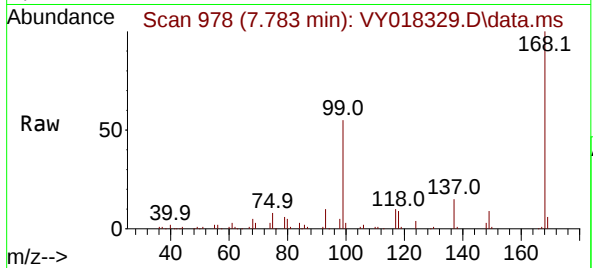




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018329.D
Acq: 20 May 2024 12:51

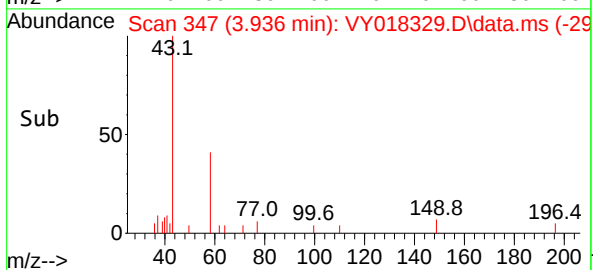
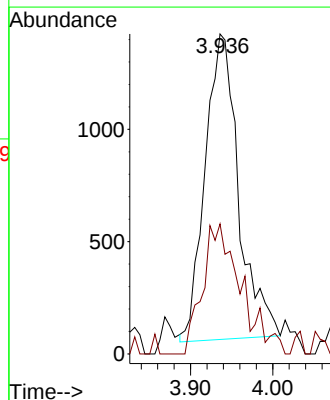
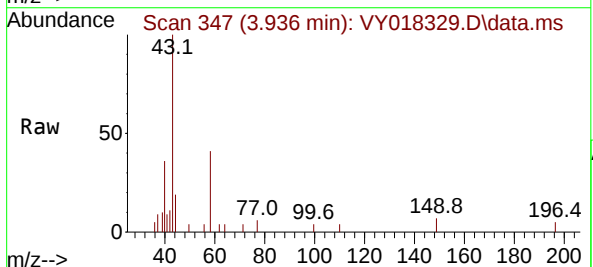
Instrument :
MSVOA_Y
ClientSampleId :
TP-17

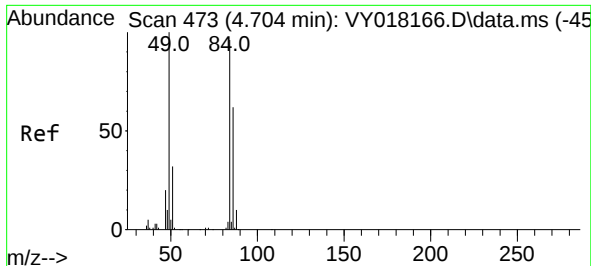
Tgt Ion:168 Resp: 73183
Ion Ratio Lower Upper
168 100
99 55.2 39.1 58.7



#16
Acetone
Concen: 35.834 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY018329.D
Acq: 20 May 2024 12:51

Tgt Ion: 43 Resp: 3850
Ion Ratio Lower Upper
43 100
58 43.1 31.7 47.5

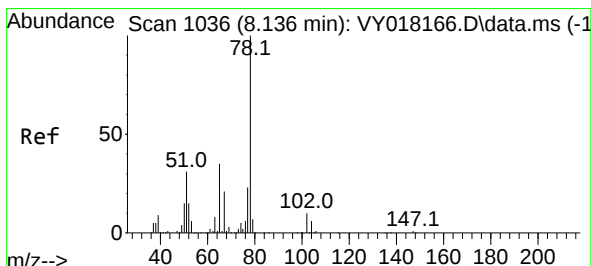
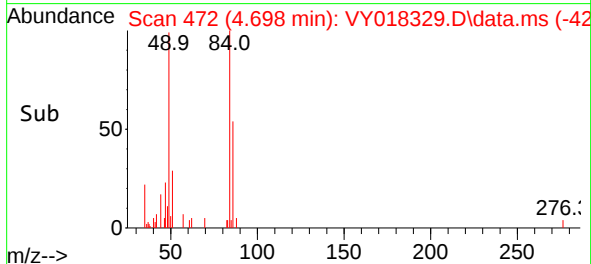
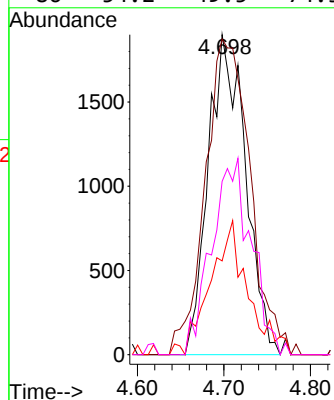
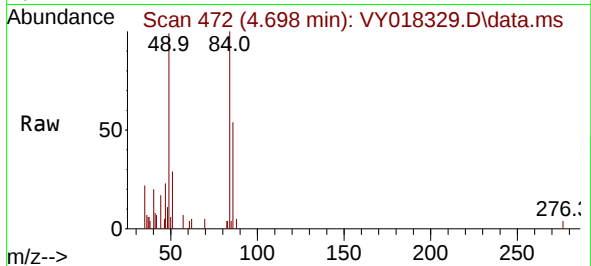




#20
Methylene Chloride
Concen: 7.453 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018329.D
Acq: 20 May 2024 12:51

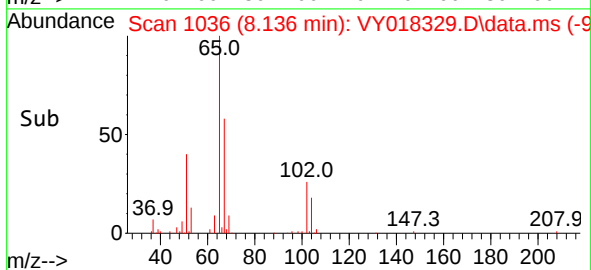
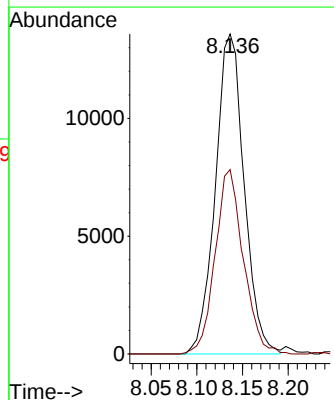
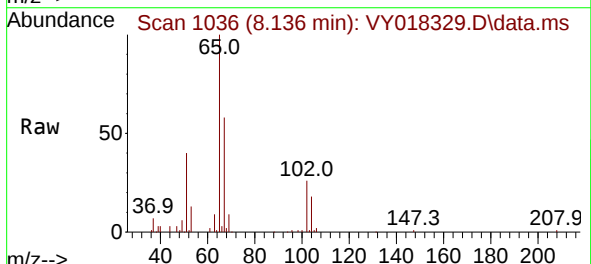
Instrument :
MSVOA_Y
ClientSampleId :
TP-17

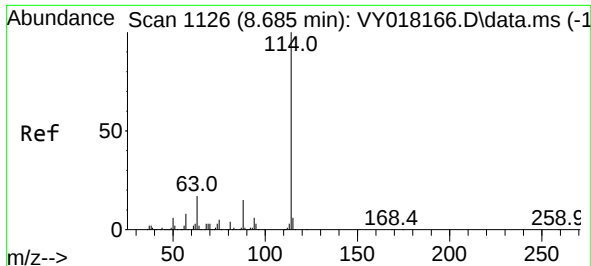
Tgt Ion:	84	Resp:	5660
Ion	Ratio	Lower	Upper
84	100		
49	93.2	84.4	126.6
51	26.6	26.0	39.0
86	54.2	49.5	74.3



#33
1,2-Dichloroethane-d4
Concen: 55.325 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY018329.D
Acq: 20 May 2024 12:51

Tgt Ion:	65	Resp:	29786
Ion	Ratio	Lower	Upper
65	100		
67	56.3	0.0	109.6

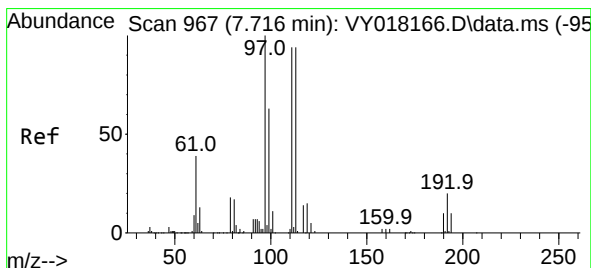
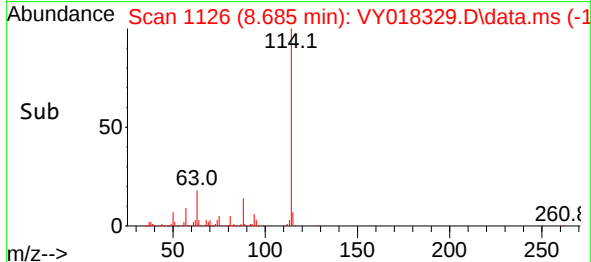
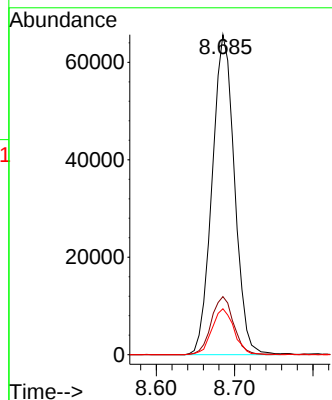
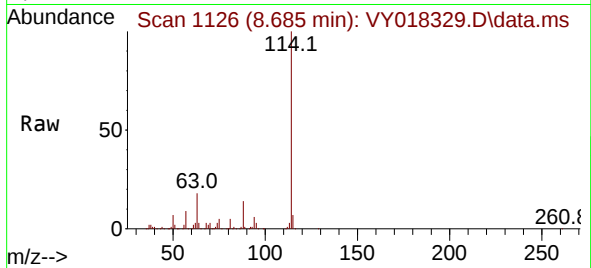




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY018329.D
Acq: 20 May 2024 12:51

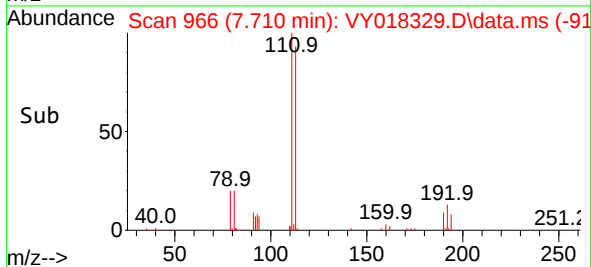
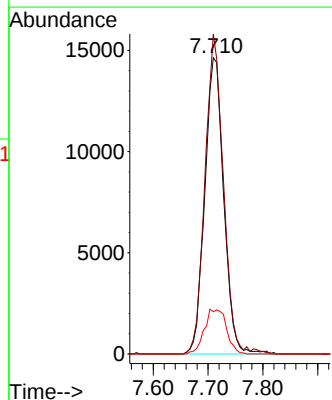
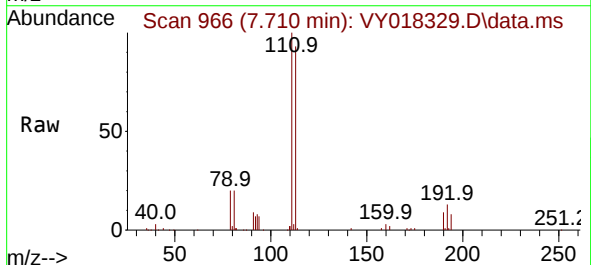
Instrument :
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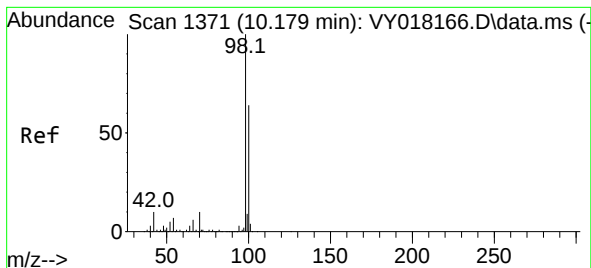
Tgt Ion:	114	Resp:	130400
Ion Ratio	Lower	Upper	
114	100		
63	18.1	0.0	35.0
88	14.4	0.0	27.2



#35
Dibromofluoromethane
Concen: 51.207 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY018329.D
Acq: 20 May 2024 12:51

Tgt Ion:	113	Resp:	35093
Ion Ratio	Lower	Upper	
113	100		
111	105.2	82.2	123.4
192	17.5	15.9	23.9

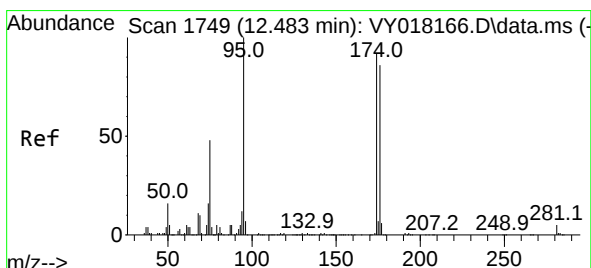
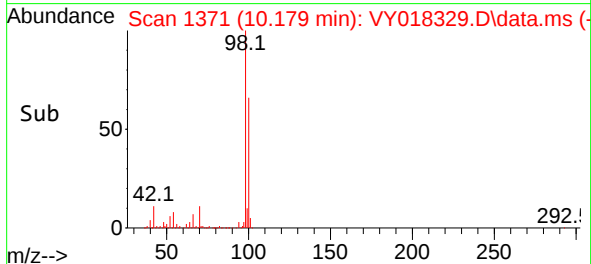
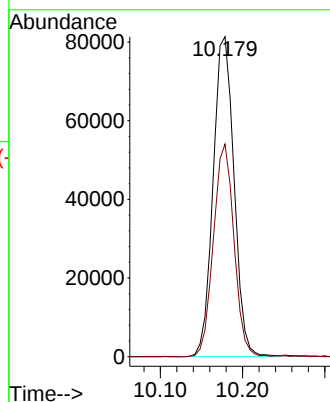
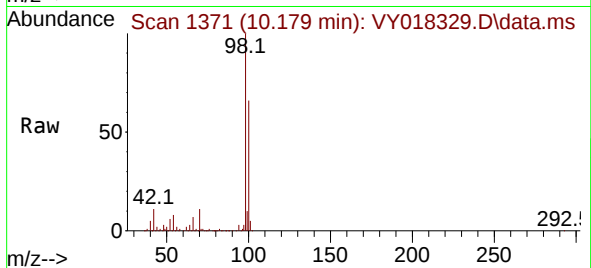




#50
Toluene-d8
Concen: 53.340 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY018329.D
Acq: 20 May 2024 12:51

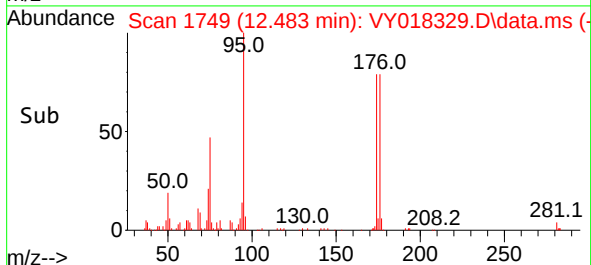
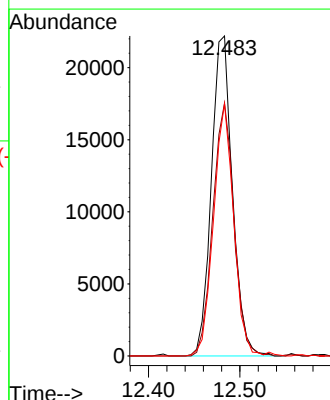
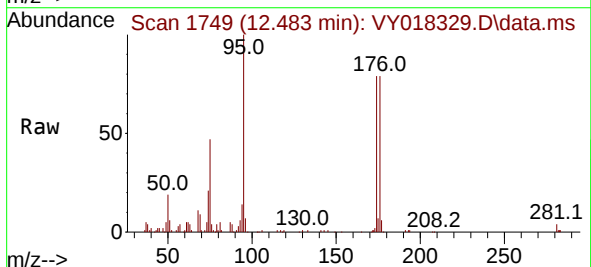
Instrument :
MSVOA_Y
ClientSampleId :
TP-17

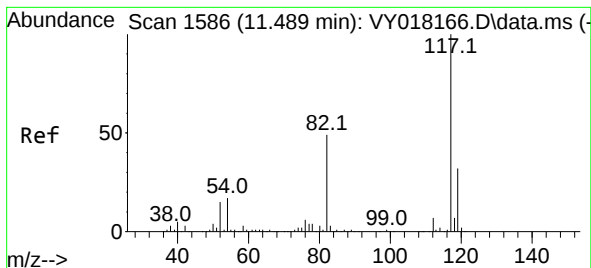
Tgt Ion: 98 Resp: 144049
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 40.762 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY018329.D
Acq: 20 May 2024 12:51

Tgt Ion: 95 Resp: 35549
Ion Ratio Lower Upper
95 100
174 79.1 0.0 175.6
176 75.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018329.D

Acq: 20 May 2024 12:51

Instrument :

MSVOA_Y

ClientSampleId :

TP-17

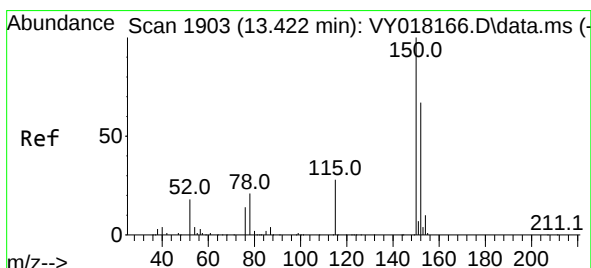
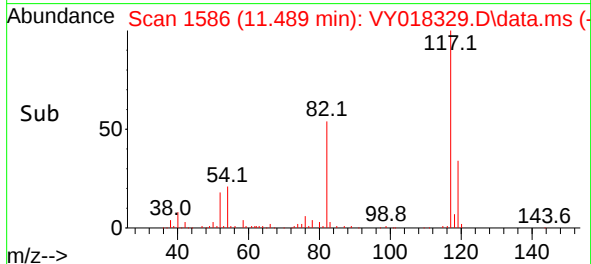
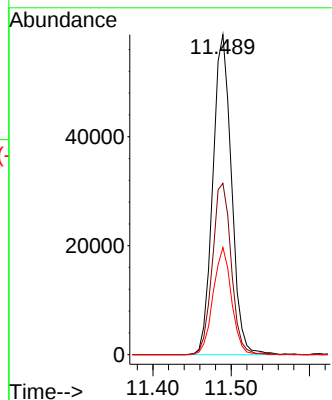
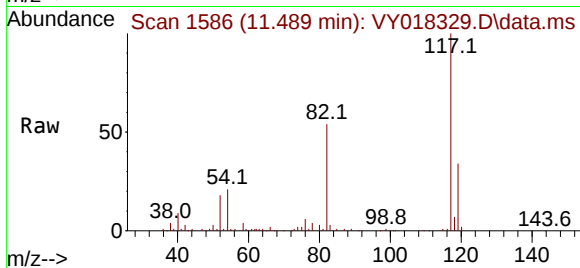
Tgt Ion:117 Resp: 97169

Ion Ratio Lower Upper

117 100

82 53.6 42.4 63.6

119 33.5 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: VY018329.D

Acq: 20 May 2024 12:51

Tgt Ion:152 Resp: 32083

Ion Ratio Lower Upper

152 100

115 61.0 28.2 84.7

150 158.6 0.0 345.6

