

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052424\
 Data File : VY018368.D
 Acq On : 24 May 2024 16:20
 Operator : SY/MD
 Sample : P2597-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-01-052324

Quant Time: May 25 03:25:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

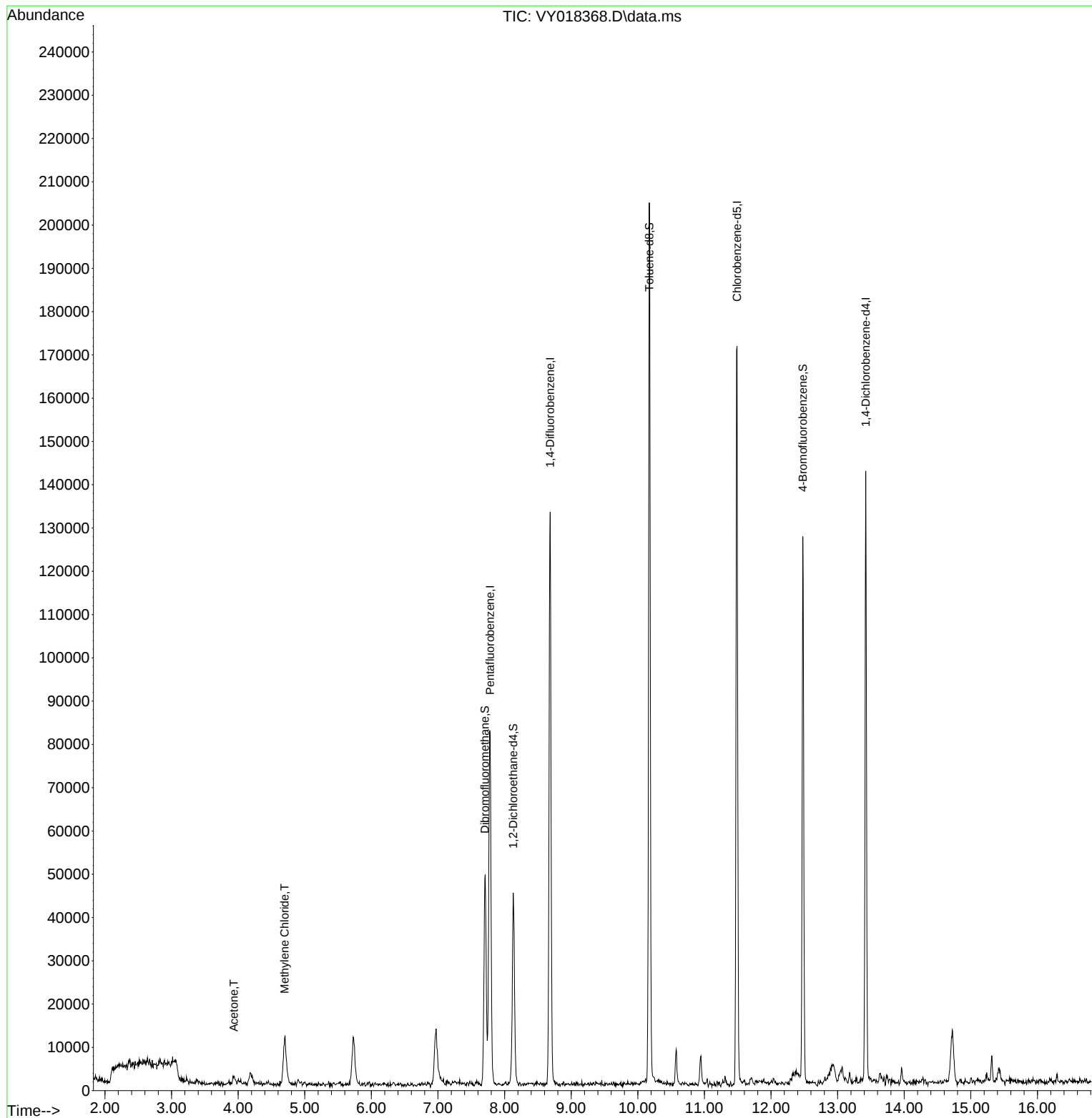
Internal Standards						
1) Pentafluorobenzene	7.783	168	62391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	115425	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	94005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	33552	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	31156	52.708	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.420%	
35) Dibromofluoromethane	7.704	113	34666	51.502	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.000%	
50) Toluene-d8	10.173	98	131782	50.216	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.440%	
62) 4-Bromofluorobenzene	12.477	95	36602	45.138	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.280%	
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	2772	22.801	ug/l #	85
20) Methylene Chloride	4.698	84	7837	7.036	ug/l	94

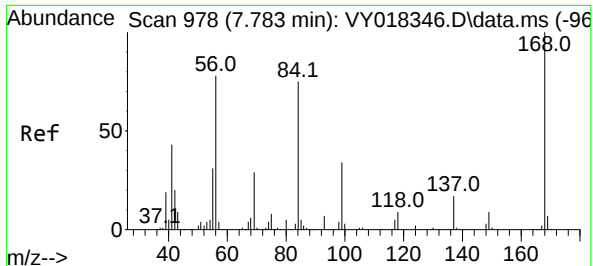
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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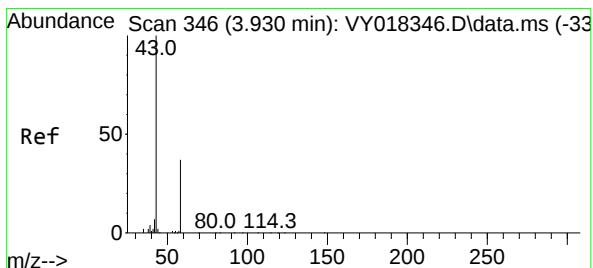
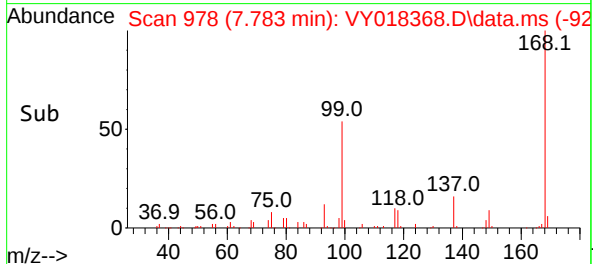
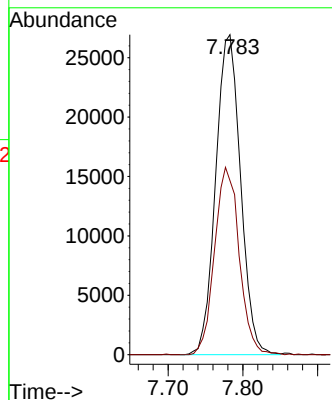
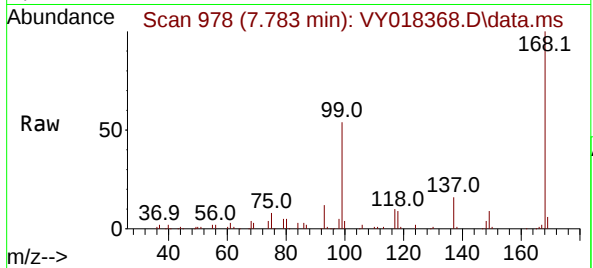




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018368.D
Acq: 24 May 2024 16:20

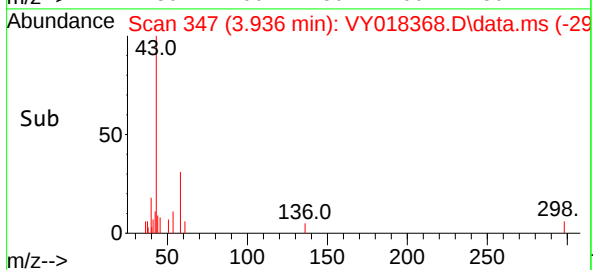
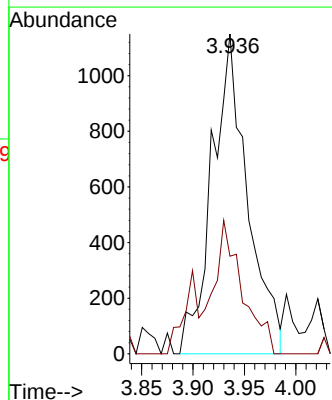
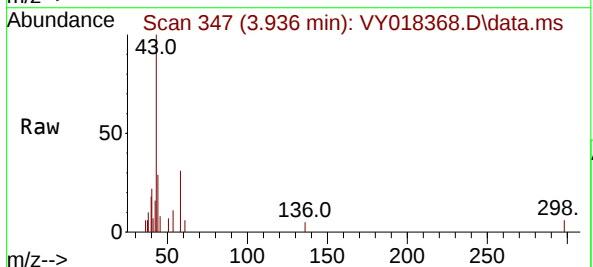
Instrument :
MSVOA_Y
ClientSampleId :
PL-01-052324

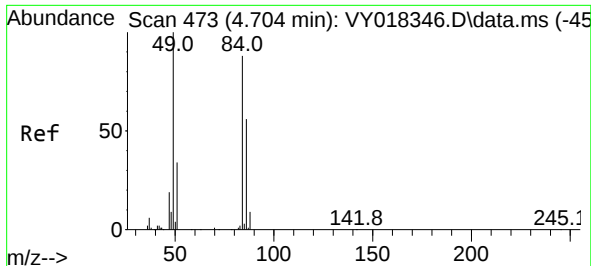
Tgt Ion:168 Resp: 62391
Ion Ratio Lower Upper
168 100
99 54.4 39.1 58.7



#16
Acetone
Concen: 22.801 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY018368.D
Acq: 24 May 2024 16:20

Tgt Ion: 43 Resp: 2772
Ion Ratio Lower Upper
43 100
58 30.5 31.7 47.5#

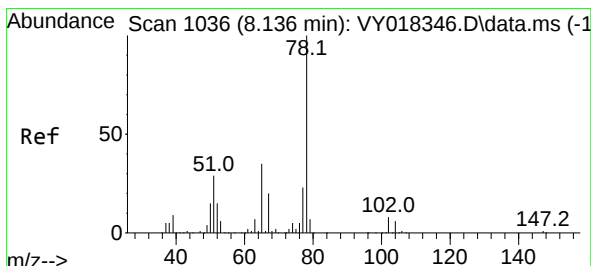
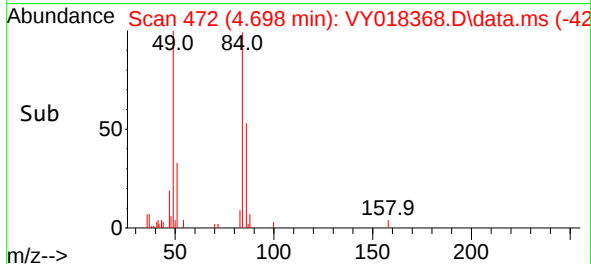
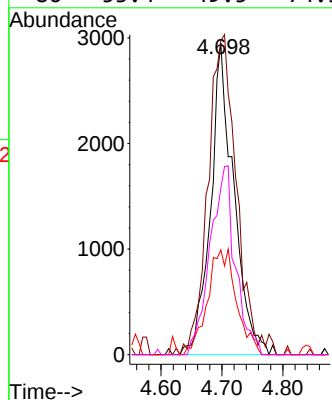
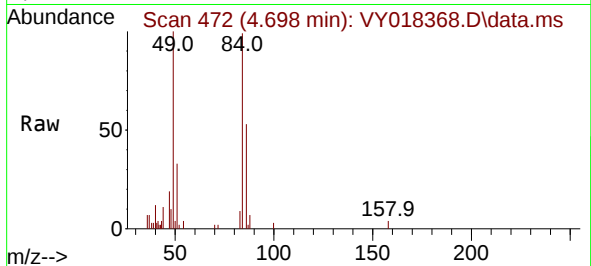




#20
Methylene Chloride
Concen: 7.036 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018368.D
Acq: 24 May 2024 16:20

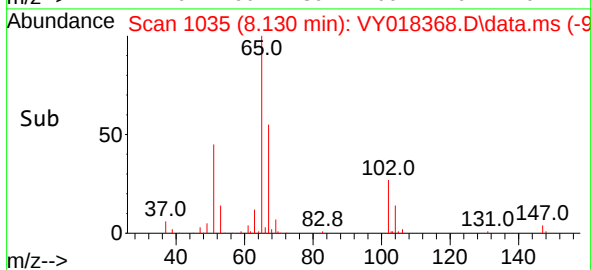
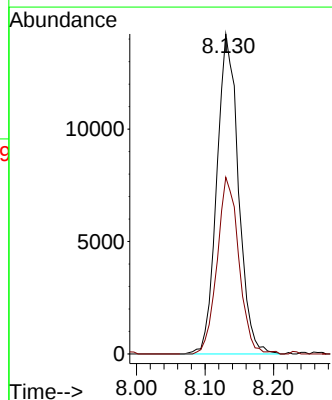
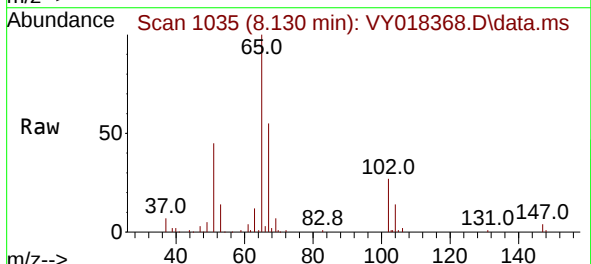
Instrument :
MSVOA_Y
ClientSampleId :
PL-01-052324

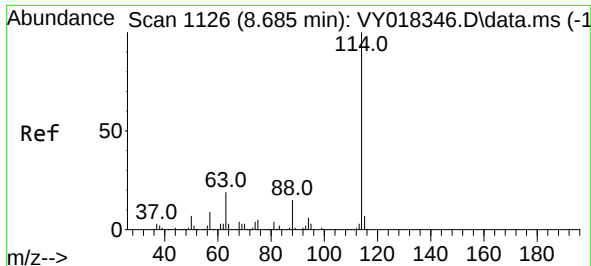
Tgt Ion:	84	Resp:	7837
Ion	Ratio	Lower	Upper
84	100		
49	100.7	84.4	126.6
51	33.6	26.0	39.0
86	53.4	49.5	74.3



#33
1,2-Dichloroethane-d4
Concen: 52.708 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018368.D
Acq: 24 May 2024 16:20

Tgt Ion:	65	Resp:	31156
Ion	Ratio	Lower	Upper
65	100		
67	55.5	0.0	109.6

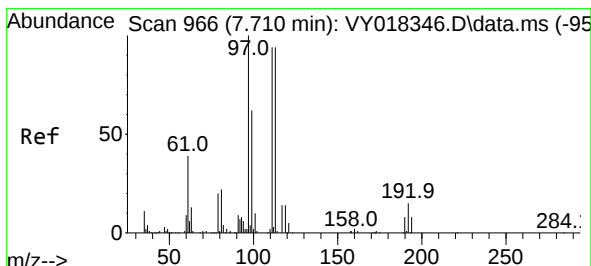
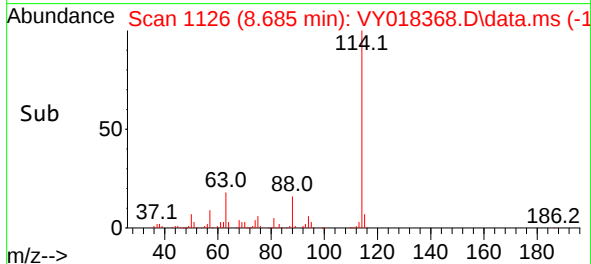
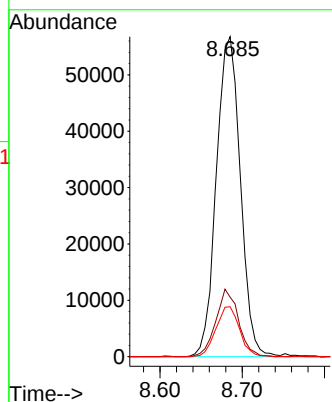
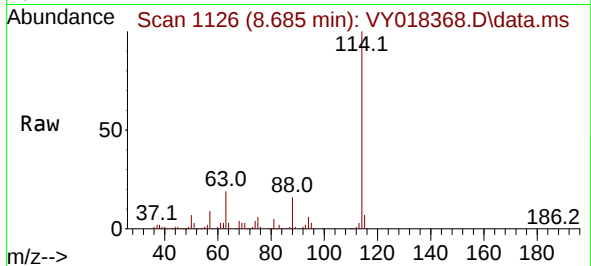




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018368.D
Acq: 24 May 2024 16:20

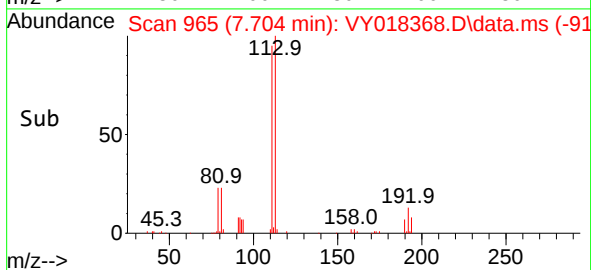
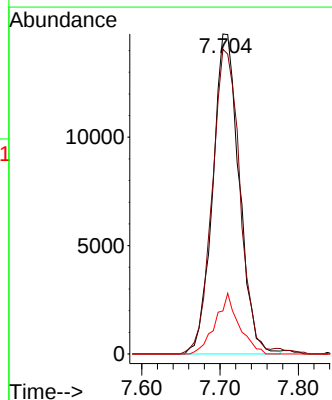
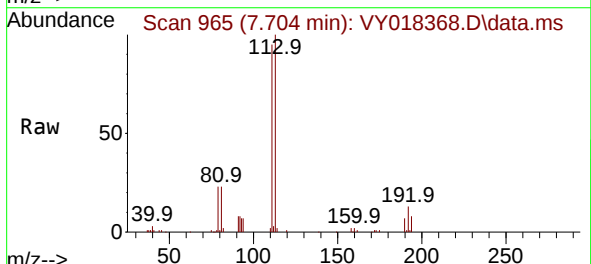
Instrument :
MSVOA_Y
ClientSampleId :
PL-01-052324

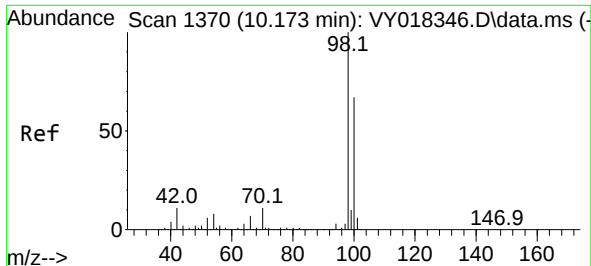
Tgt Ion:114 Resp: 115425
Ion Ratio Lower Upper
114 100
63 18.6 0.0 35.0
88 15.6 0.0 27.2



#35
Dibromofluoromethane
Concen: 51.502 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY018368.D
Acq: 24 May 2024 16:20

Tgt Ion:113 Resp: 34666
Ion Ratio Lower Upper
113 100
111 99.1 82.2 123.4
192 16.7 15.9 23.9

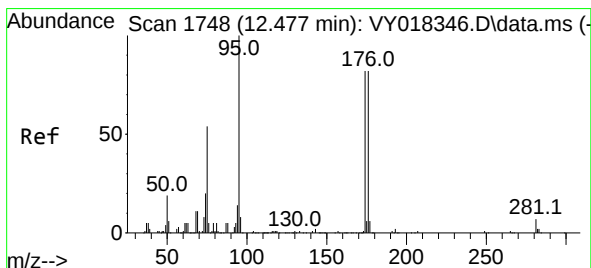
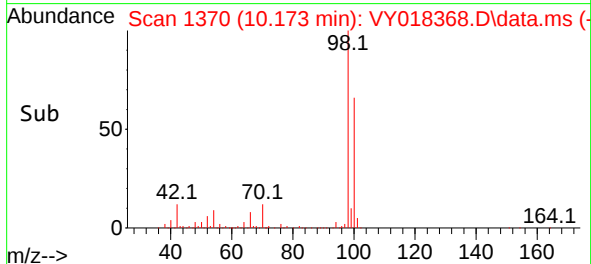
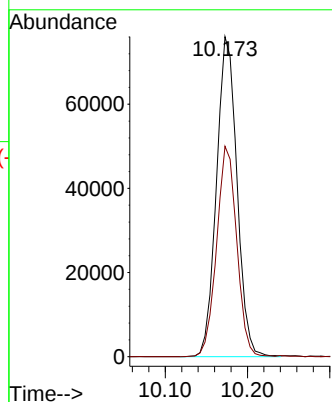
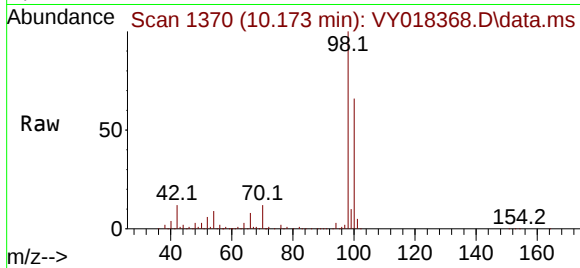




#50
Toluene-d8
Concen: 50.216 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018368.D
Acq: 24 May 2024 16:20

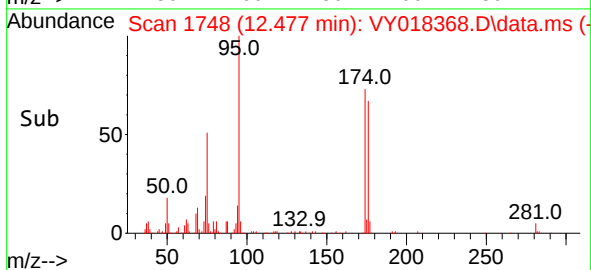
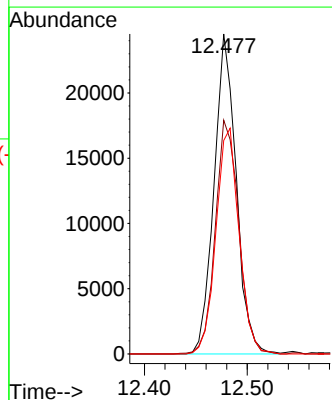
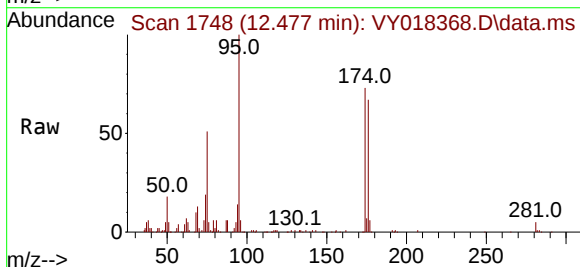
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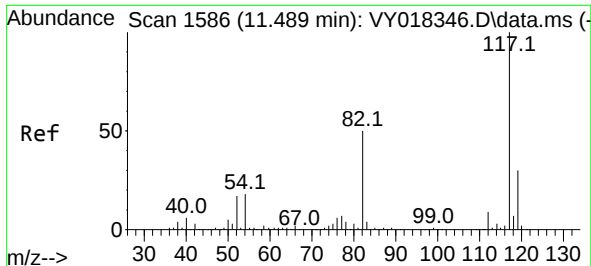
Tgt Ion: 98 Resp: 131782
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.138 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018368.D
Acq: 24 May 2024 16:20

Tgt Ion: 95 Resp: 36602
Ion Ratio Lower Upper
95 100
174 77.3 0.0 175.6
176 73.8 0.0 171.4

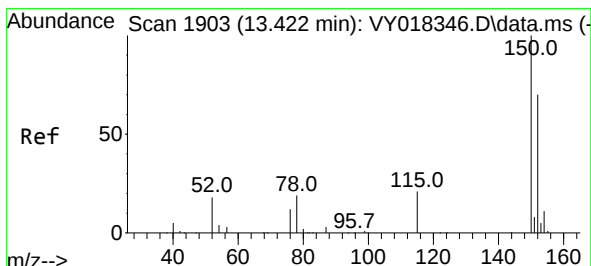
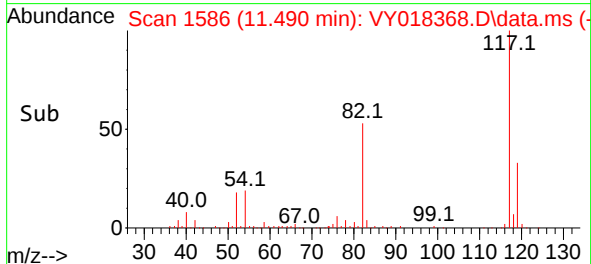
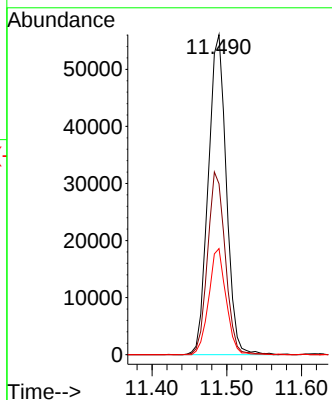
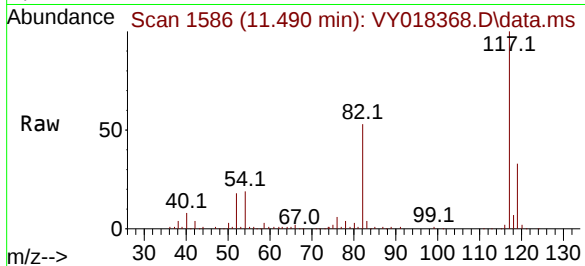




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018368.D
Acq: 24 May 2024 16:20

Instrument :
MSVOA_Y
ClientSampleId :
PL-01-052324

Tgt Ion:	117	Resp:	94005
Ion Ratio	Lower	Upper	
117	100		
82	53.4	42.4	63.6
119	33.1	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: VY018368.D
Acq: 24 May 2024 16:20

Tgt Ion:	152	Resp:	33552
Ion Ratio	Lower	Upper	
152	100		
115	61.7	28.2	84.7
150	157.0	0.0	345.6

