

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051424\
 Data File : VY018261.D
 Acq On : 14 May 2024 16:22
 Operator : SY/MD
 Sample : P2474-01
 Misc : 5.22g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-114-SB02

Quant Time: May 15 04:16:44 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)

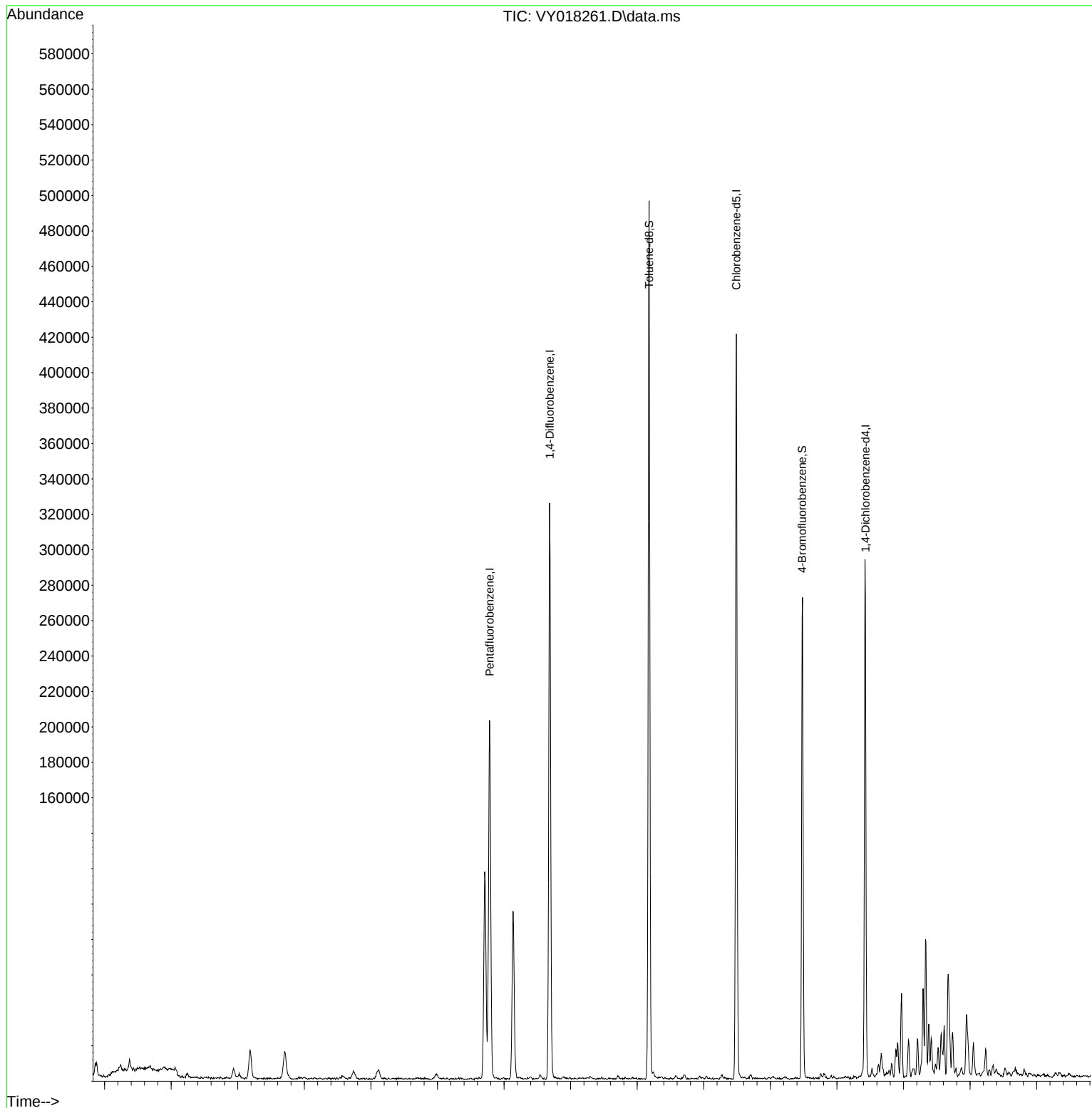
Internal Standards						
1) Pentafluorobenzene	7.783	168	155190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	291209	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	235276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	70651	61.883	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 123.760%			
35) Dibromofluoromethane	7.710	113	83123	54.313	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.620%			
50) Toluene-d8	10.179	98	327289	54.269	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.540%			
62) 4-Bromofluorobenzene	12.477	95	84438	43.354	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 86.700%			
Target Compounds						
16) Acetone	3.936	43	8881	38.980	ug/l	91
17) Carbon Disulfide	4.186	76	32763	8.019	ug/l	97
20) Methylene Chloride	4.704	84	12120	7.526	ug/l	97
22) Diisopropyl ether	6.119	45	6759	1.669	ug/l #	89
25) 2-Butanone	6.984	43	3575	9.816	ug/l	90

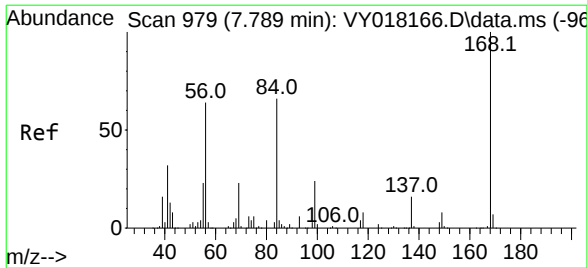
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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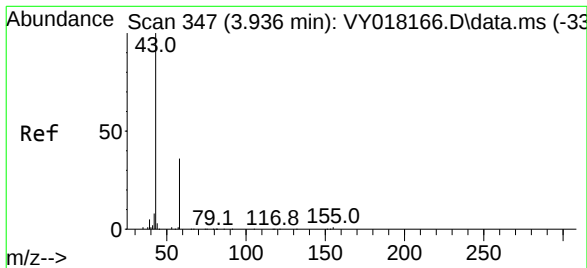
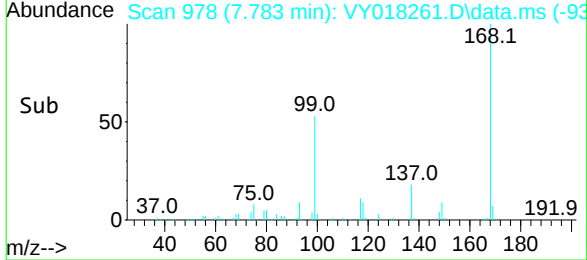
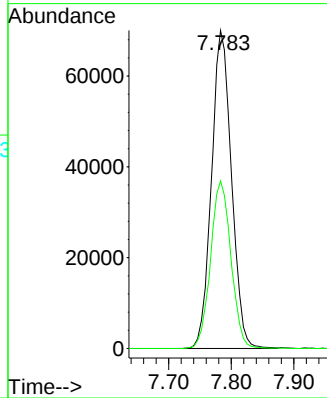
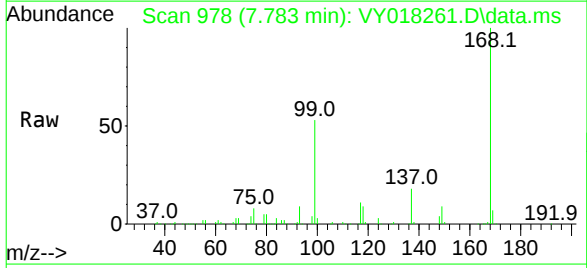




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 97
Delta R.T. -0.006 min
Lab File: VY018261.D
Acq: 14 May 2024 16:22

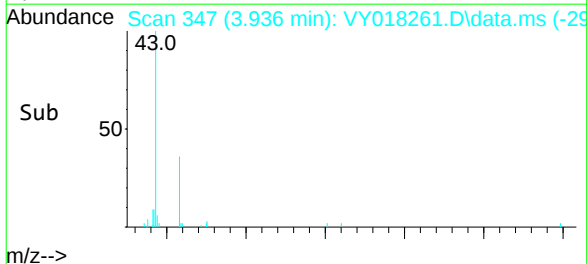
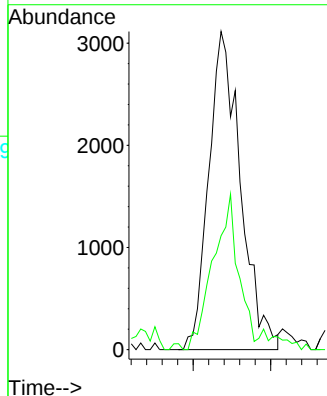
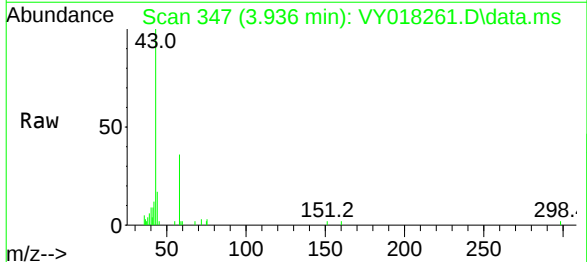
Instrument :
MSVOA_Y
ClientSampleId :
B-114-SB02

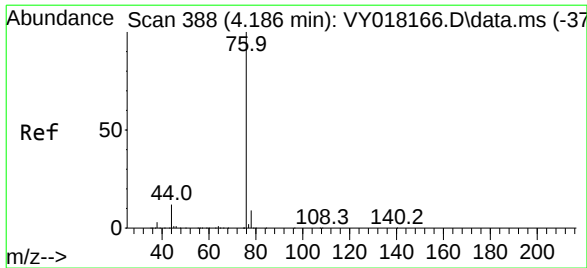
Tgt Ion:168 Resp: 155190
Ion Ratio Lower Upper
168 100
99 52.7 39.1 58.7



#16
Acetone
Concen: 38.980 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY018261.D
Acq: 14 May 2024 16:22

Tgt Ion: 43 Resp: 8881
Ion Ratio Lower Upper
43 100
58 33.9 31.7 47.5





#17

Carbon Disulfide

Concen: 8.019 ug/l

RT: 4.186 min Scan# 388

Delta R.T. 0.000 min

Lab File: VY018261.D

Acq: 14 May 2024 16:22

Instrument :

MSVOA_Y

ClientSampleId :

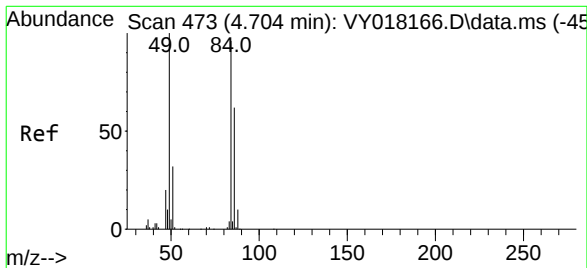
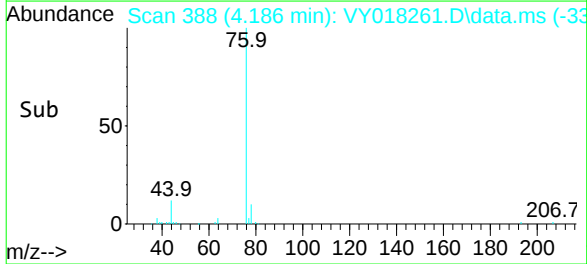
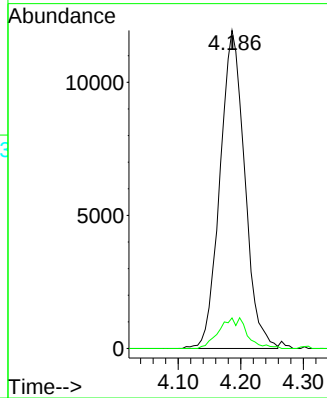
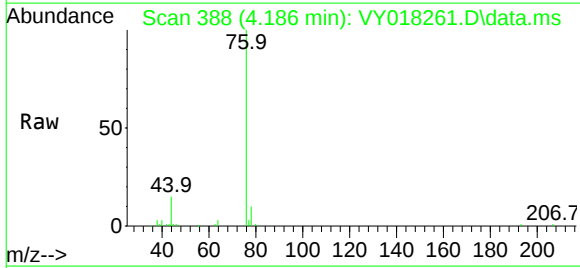
B-114-SB02

Tgt Ion: 76 Resp: 32763

Ion Ratio Lower Upper

76 100

78 9.6 6.8 10.2



#20

Methylene Chloride

Concen: 7.526 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY018261.D

Acq: 14 May 2024 16:22

Tgt Ion: 84 Resp: 12120

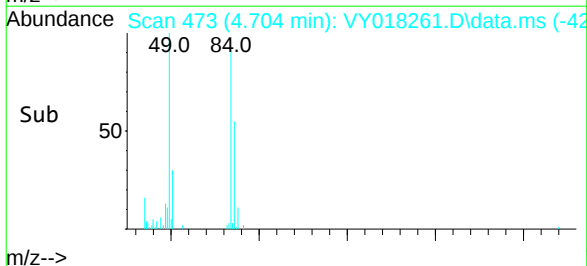
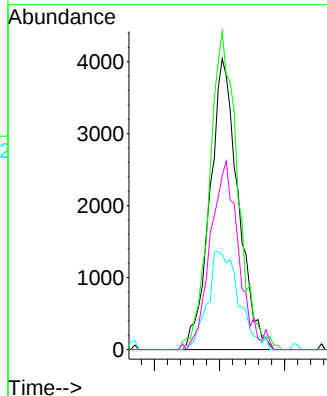
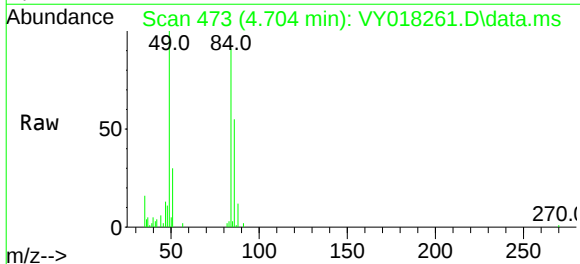
Ion Ratio Lower Upper

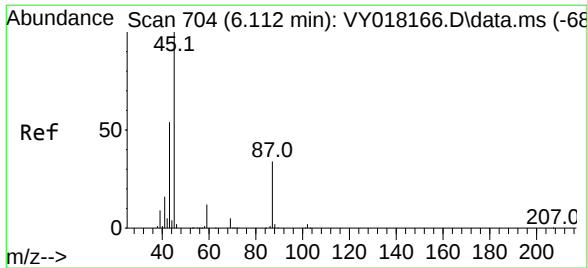
84 100

49 109.4 84.4 126.6

51 32.6 26.0 39.0

86 59.7 49.5 74.3

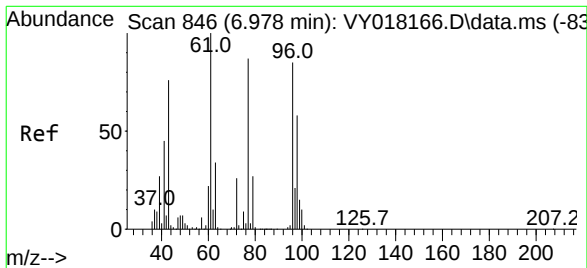
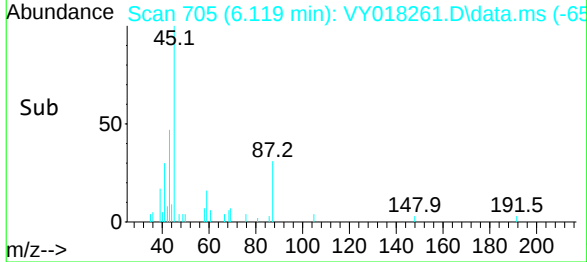
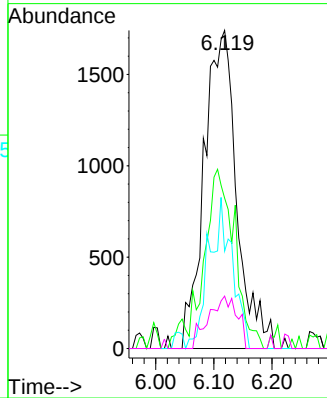
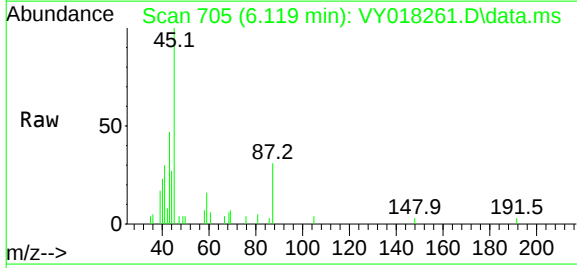




#22
Diisopropyl ether
Concen: 1.669 ug/l
RT: 6.119 min Scan# 704
Delta R.T. 0.006 min
Lab File: VY018261.D
Acq: 14 May 2024 16:22

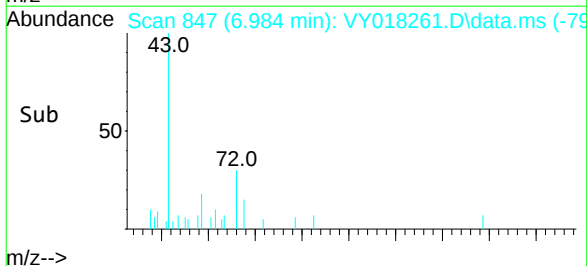
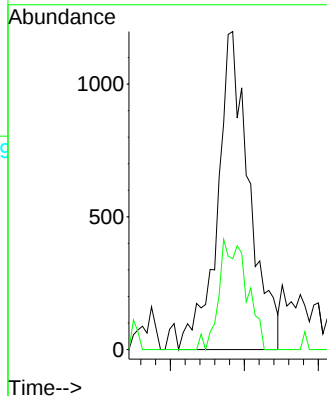
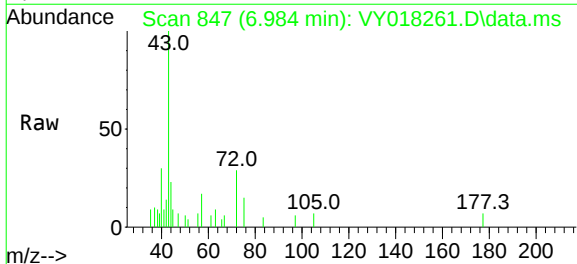
Instrument :
MSVOA_Y
ClientSampleId :
B-114-SB02

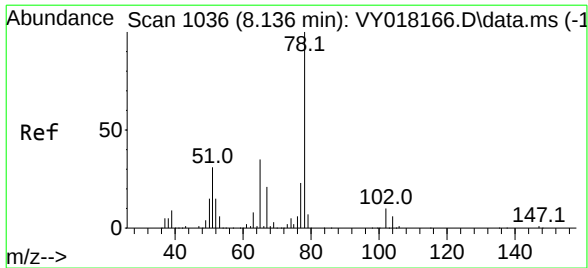
Tgt Ion: 45	Resp: 6759
Ion Ratio	Lower Upper
45 100	
43 39.9	42.2 63.2#
87 30.6	25.0 37.6
59 16.5	10.5 15.7#



#25
2-Butanone
Concen: 9.816 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY018261.D
Acq: 14 May 2024 16:22

Tgt Ion: 43	Resp: 3575
Ion Ratio	Lower Upper
43 100	
72 28.5	27.3 40.9

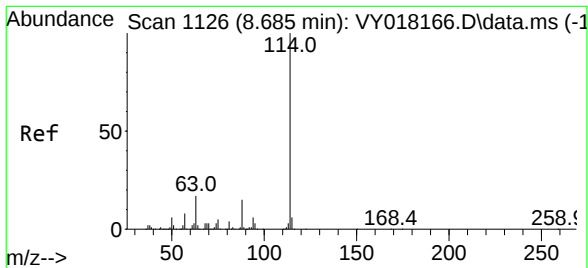
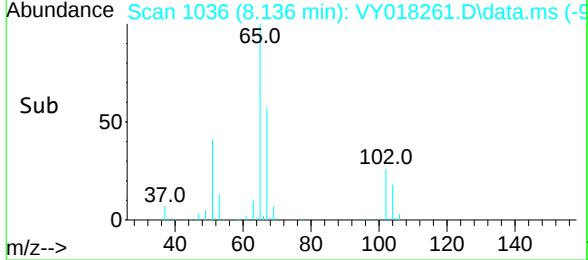
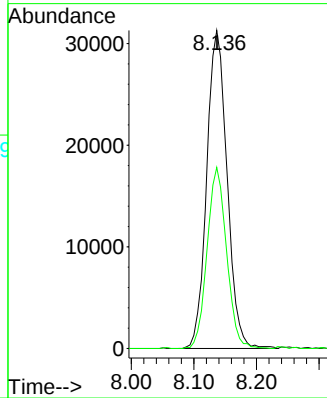
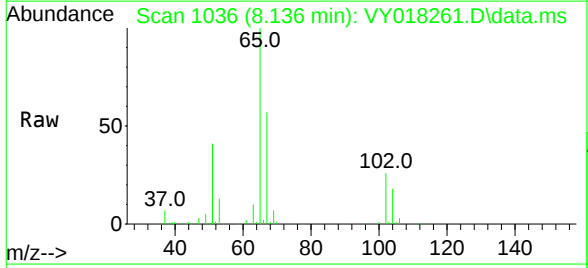




#33
 1,2-Dichloroethane-d4
 Concen: 61.883 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY018261.D
 Acq: 14 May 2024 16:22

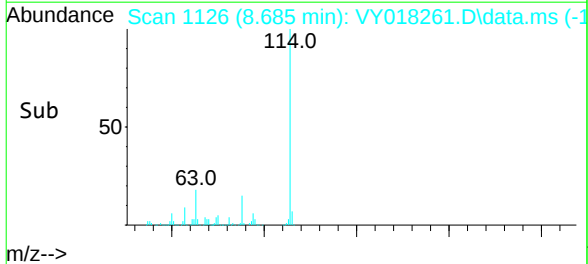
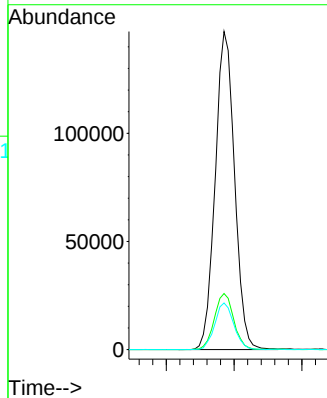
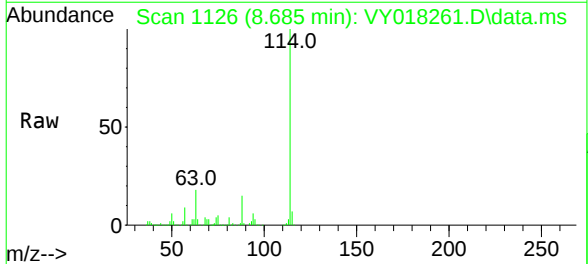
Instrument :
 MSVOA_Y
 ClientSampleId :
 B-114-SB02

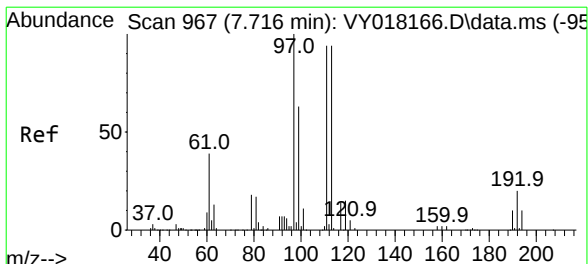
Tgt Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY018261.D
 Acq: 14 May 2024 16:22

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	35.0
88	14.7	0.0	27.2

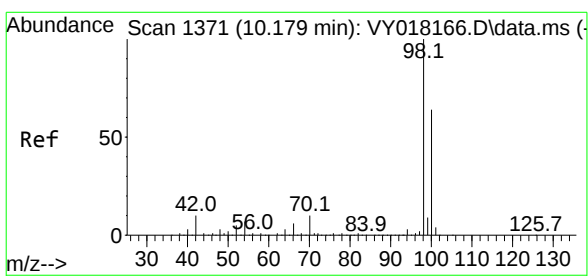
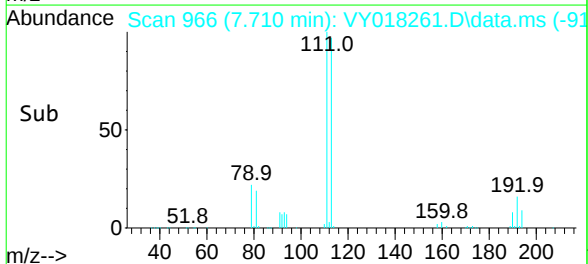
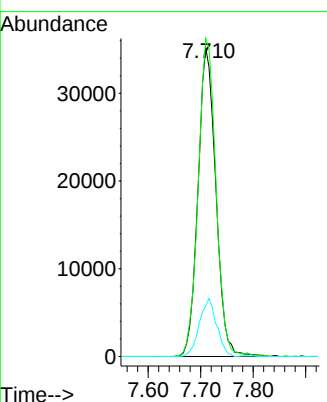
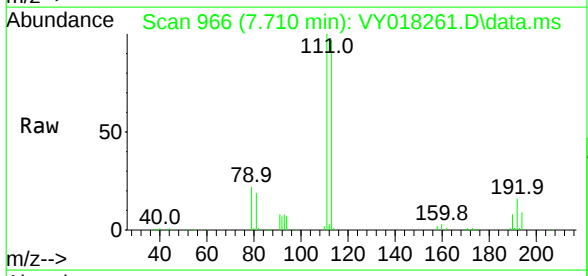




#35
 Dibromofluoromethane
 Concen: 54.313 ug/l
 RT: 7.710 min Scan# 96
 Delta R.T. -0.006 min
 Lab File: VY018261.D
 Acq: 14 May 2024 16:22

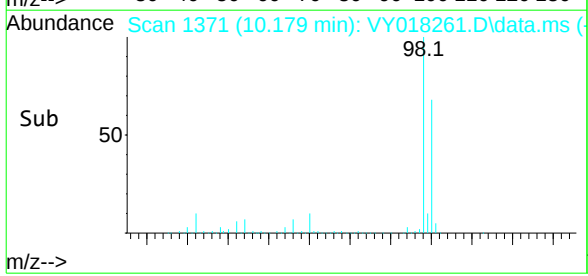
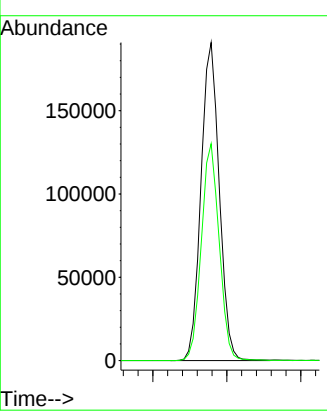
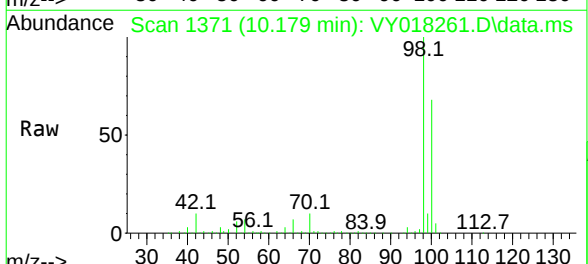
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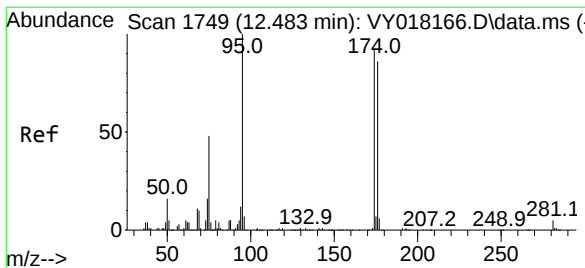
Tgt Ion:	113	Resp:	83123
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.2	123.4
192	18.2	15.9	23.9



#50
 Toluene-d8
 Concen: 54.269 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. 0.000 min
 Lab File: VY018261.D
 Acq: 14 May 2024 16:22

Tgt Ion:	98	Resp:	327289
Ion	Ratio	Lower	Upper
98	100		
100	66.7	52.0	78.0





#62

4-Bromofluorobenzene

Concen: 43.354 ug/l

RT: 12.477 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VY018261.D

Acq: 14 May 2024 16:22

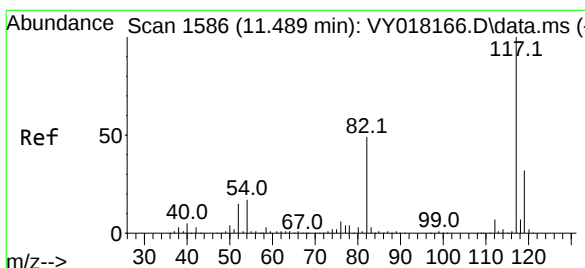
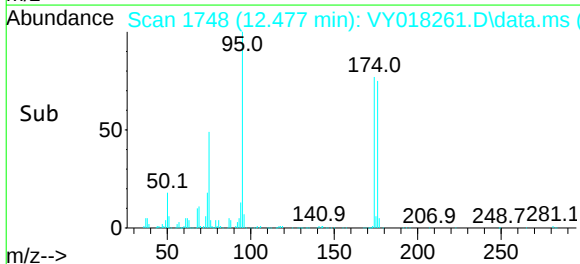
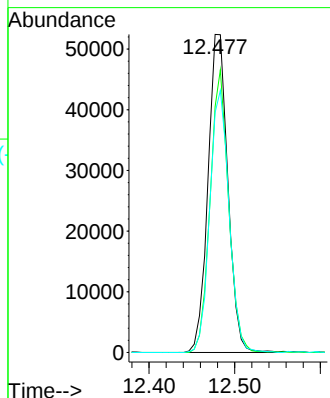
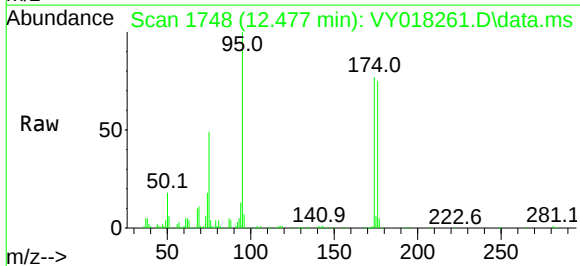
Instrument :

MSVOA_Y

ClientSampleId :

B-114-SB02

Tgt Ion:	95	Resp:	84438
Ion Ratio	Lower	Upper	
95	100		
174	82.4	0.0	175.6
176	80.2	0.0	171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

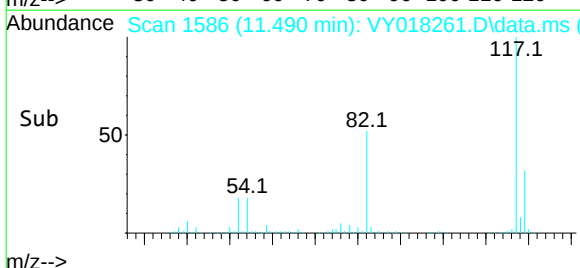
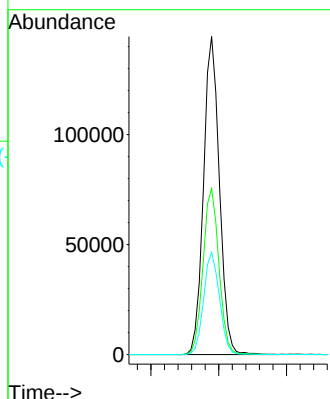
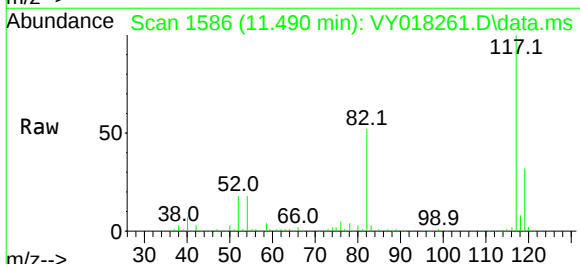
RT: 11.490 min Scan# 1586

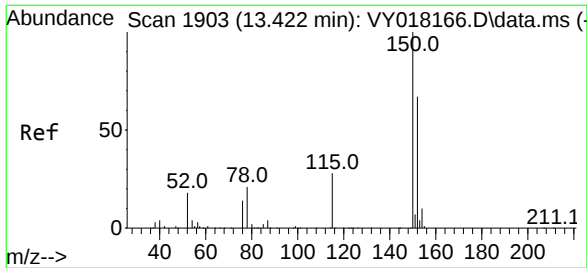
Delta R.T. 0.000 min

Lab File: VY018261.D

Acq: 14 May 2024 16:22

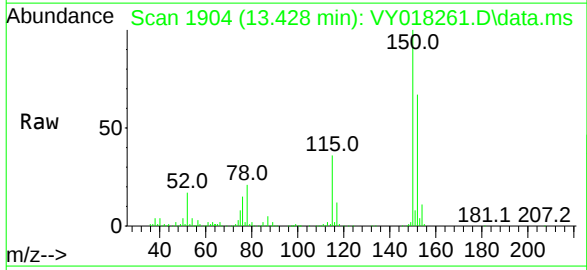
Tgt Ion:	117	Resp:	235276
Ion Ratio	Lower	Upper	
117	100		
82	52.2	42.4	63.6
119	32.1	25.9	38.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 19
Delta R.T. 0.006 min
Lab File: VY018261.D
Acq: 14 May 2024 16:22

Instrument :
MSVOA_Y
ClientSampleId :
B-114-SB02



Tgt	Ion	152	Resp:	76141
Ion	Ratio	152	Lower	Upper
		152	100	
		115	55.8	28.2 84.7
		150	155.8	0.0 345.6

