

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080924\
 Data File : VY018961.D
 Acq On : 09 Aug 2024 12:43
 Operator : SY/MD
 Sample : P3520-09
 Misc : 6.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-CF-12-080624

Quant Time: Aug 09 23:25:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

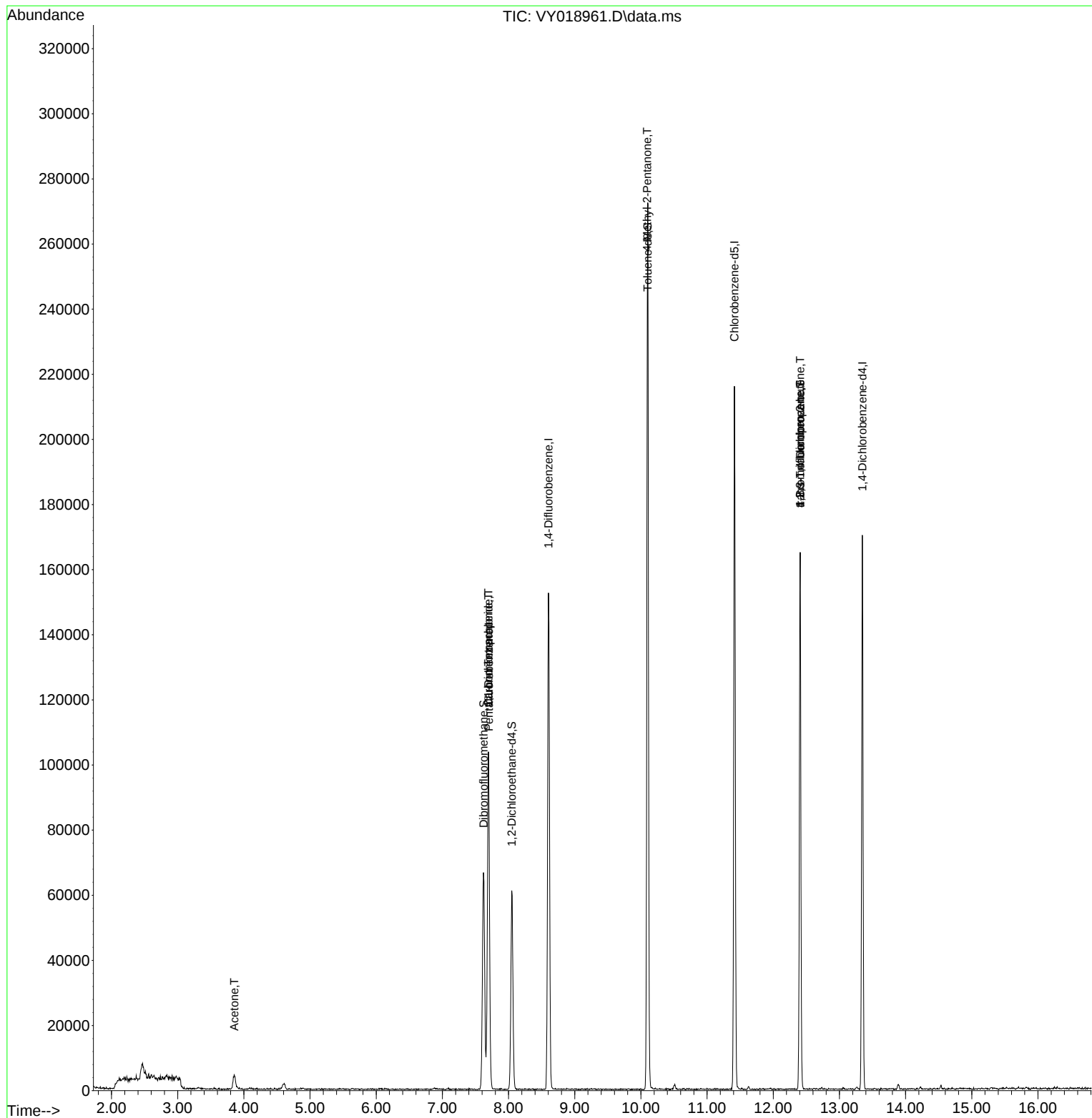
Internal Standards						
1) Pentafluorobenzene	7.701	168	82473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	131125	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	105075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	38185	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.048	65	37901	52.342	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.680%	
35) Dibromofluoromethane	7.622	113	43147	51.520	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.040%	
50) Toluene-d8	10.103	98	167879	52.188	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.380%	
62) 4-Bromofluorobenzene	12.407	95	42313	44.337	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.680%	
Target Compounds						
						Qvalue
3) Chloromethane	2.062	50	68	Below Cal	#	43
11) Tert butyl alcohol	4.848	59	105	Below Cal	#	88
16) Acetone	3.854	43	7535	51.046	ug/l	92
20) Methylene Chloride	4.598	84	1167	Below Cal	#	84
31) Cyclohexane	7.689	56	1899	Below Cal	#	75
36) 1,1-Dichloropropene	7.695	75	5822	5.179	ug/l #	49
38) Carbon Tetrachloride	7.695	117	7638	5.926	ug/l #	17
41) Methacrylonitrile	7.341	41	27	Below Cal	#	37
51) 4-Methyl-2-Pentanone	10.097	43	968	1.796	ug/l #	1
76) 1,2,3-Trichloropropane	12.407	75	23459	82.465	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	23459	169.927	ug/l #	16

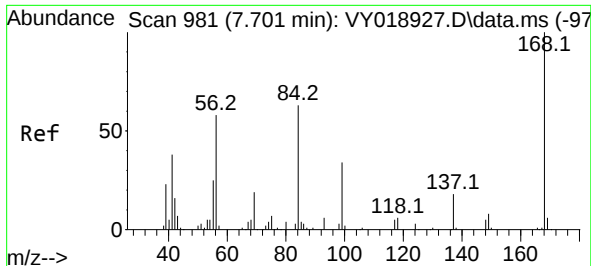
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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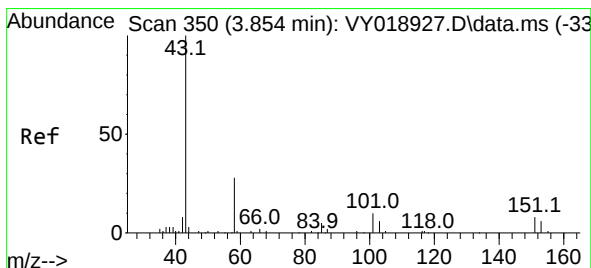
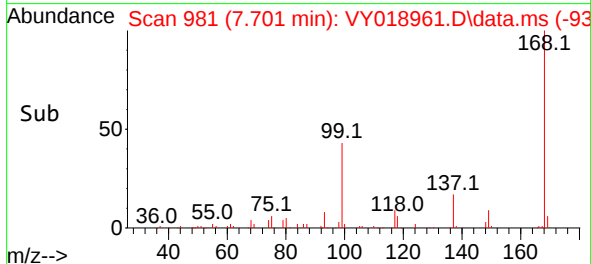
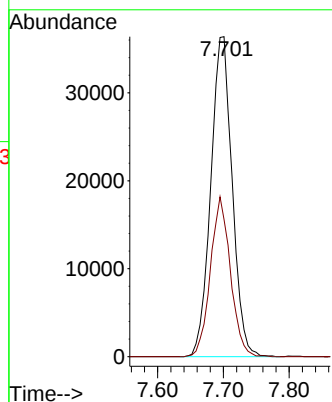
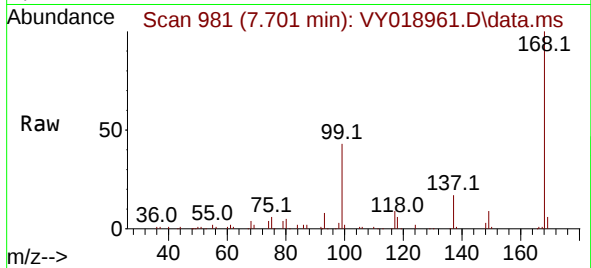




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018961.D
Acq: 09 Aug 2024 12:43

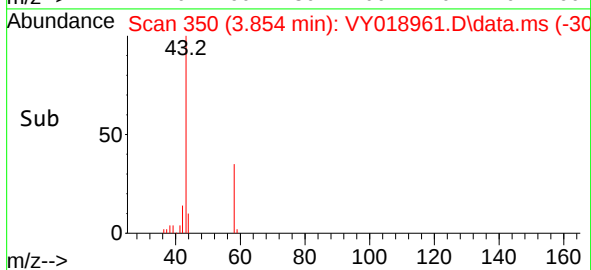
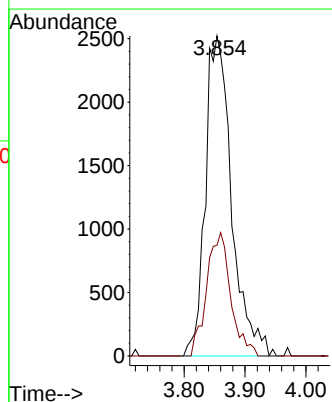
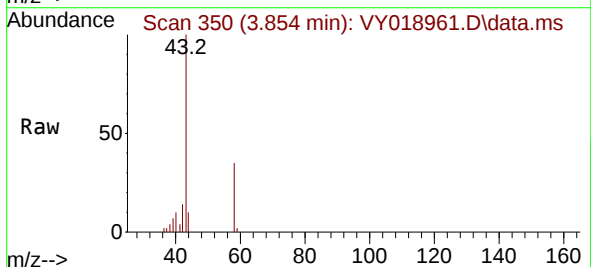
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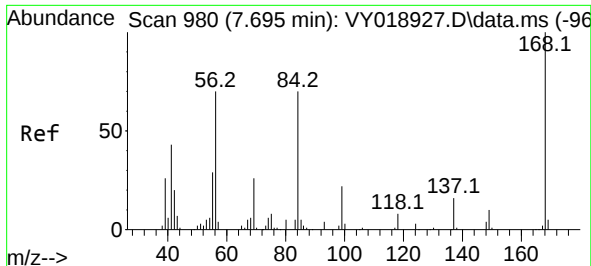
Tgt Ion:168 Resp: 82473
Ion Ratio Lower Upper
168 100
99 42.8 39.1 58.7



#16
Acetone
Concen: 51.046 ug/l
RT: 3.854 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY018961.D
Acq: 09 Aug 2024 12:43

Tgt Ion: 43 Resp: 7535
Ion Ratio Lower Upper
43 100
58 34.6 31.7 47.5

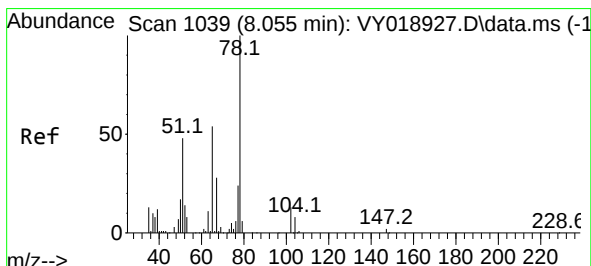
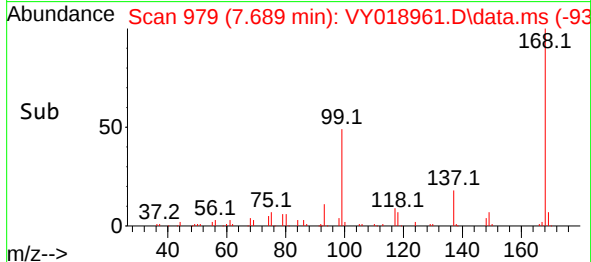
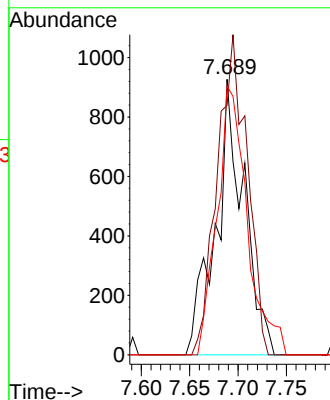
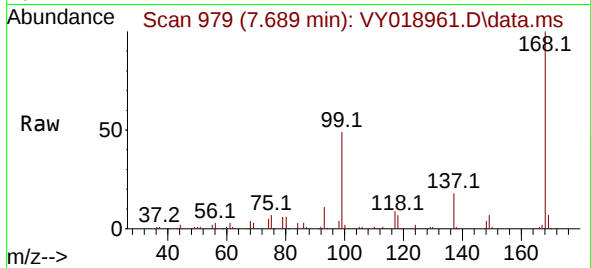




#31
Cyclohexane
Concen: Below Cal
RT: 7.689 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018961.D
Acq: 09 Aug 2024 12:43

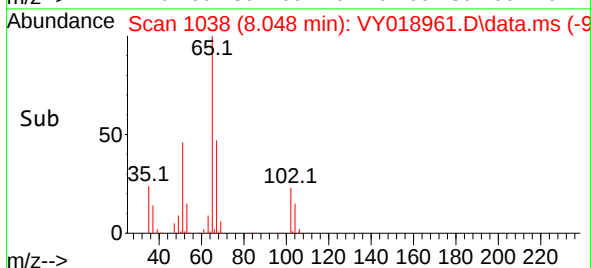
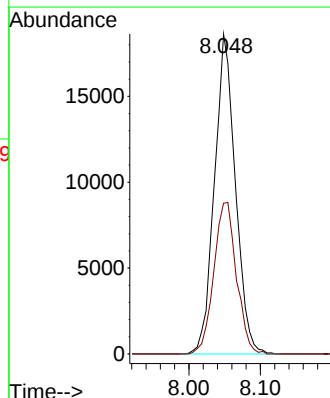
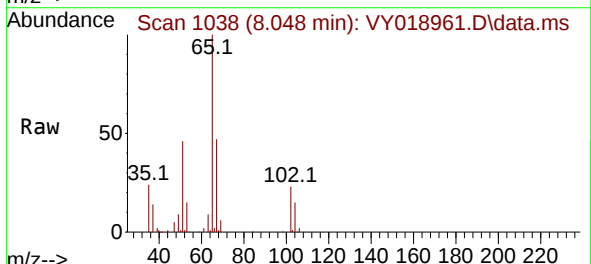
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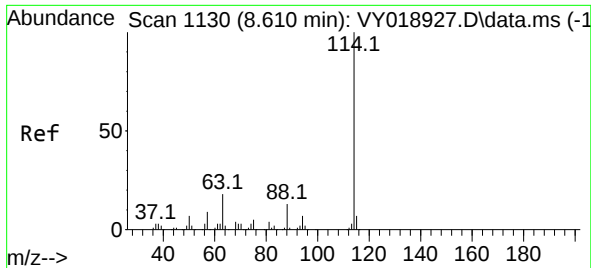
Tgt Ion: 56 Resp: 1899
Ion Ratio Lower Upper
56 100
69 90.5 28.7 43.1#
84 97.6 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 52.342 ug/l
RT: 8.048 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY018961.D
Acq: 09 Aug 2024 12:43

Tgt Ion: 65 Resp: 37901
Ion Ratio Lower Upper
65 100
67 51.2 0.0 109.6

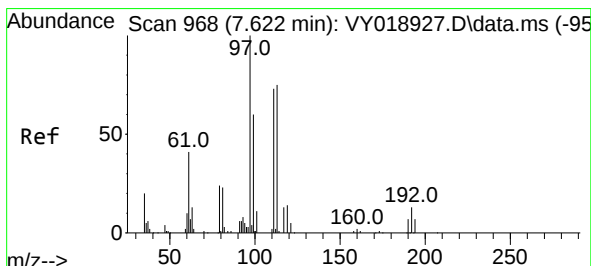
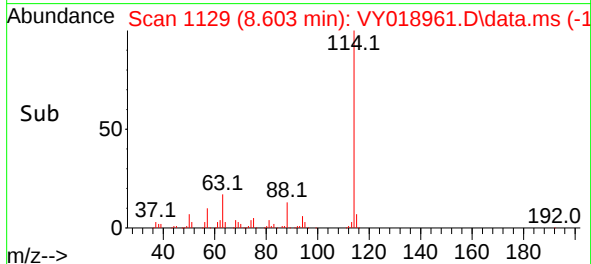
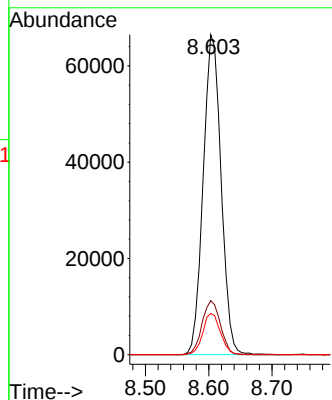
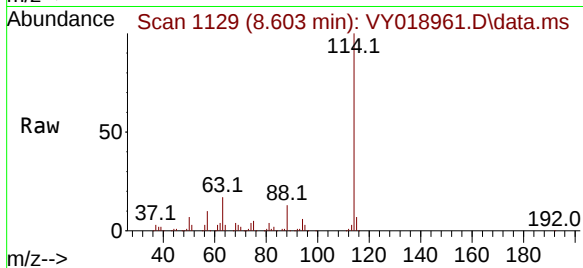




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.603 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VY018961.D
Acq: 09 Aug 2024 12:43

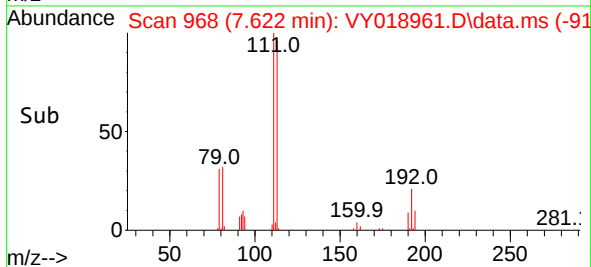
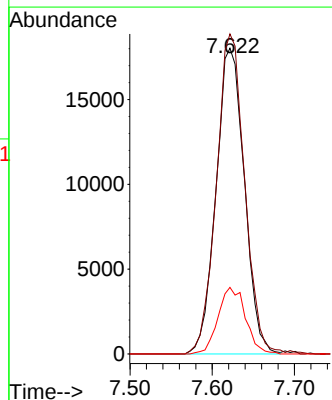
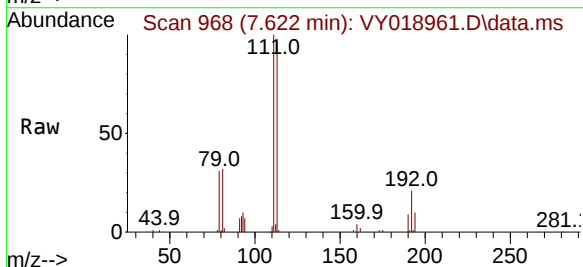
Instrument :
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ClientSampleId :
OU4-CF-12-080624

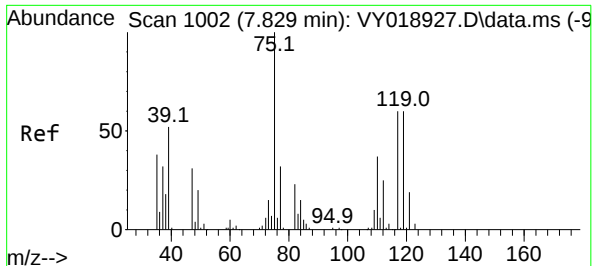
Tgt Ion:114 Resp: 131125
Ion Ratio Lower Upper
114 100
63 16.9 0.0 35.0
88 12.8 0.0 27.2



#35
Dibromofluoromethane
Concen: 51.520 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY018961.D
Acq: 09 Aug 2024 12:43

Tgt Ion:113 Resp: 43147
Ion Ratio Lower Upper
113 100
111 104.4 82.2 123.4
192 21.1 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.179 ug/l

RT: 7.695 min Scan# 980

Delta R.T. -0.134 min

Lab File: VY018961.D

Acq: 09 Aug 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

OU4-CF-12-080624

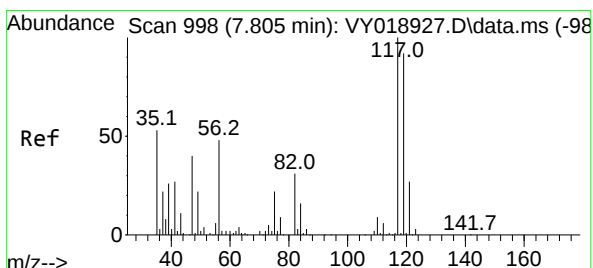
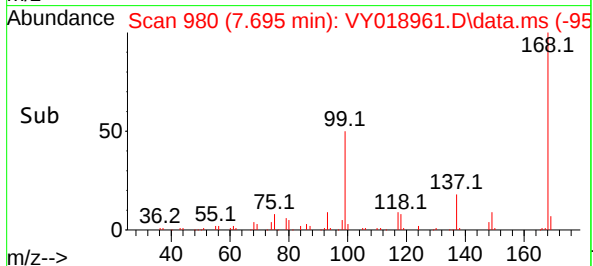
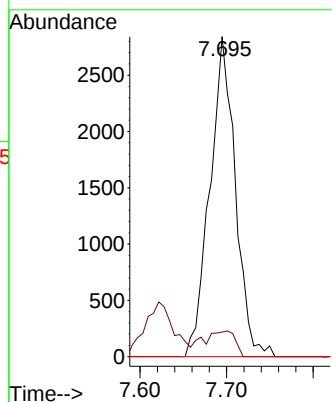
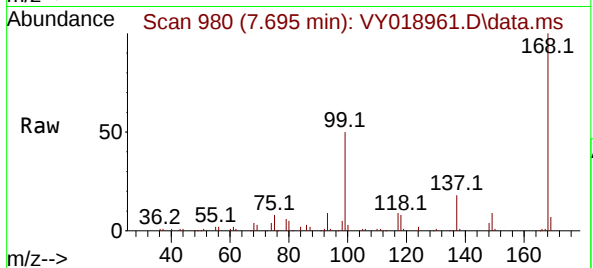
Tgt Ion: 75 Resp: 5822

Ion Ratio Lower Upper

75 100

110 10.1 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.926 ug/l

RT: 7.695 min Scan# 980

Delta R.T. -0.110 min

Lab File: VY018961.D

Acq: 09 Aug 2024 12:43

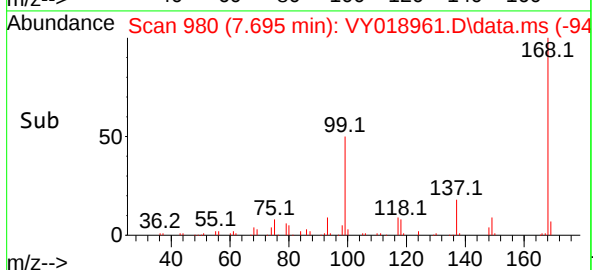
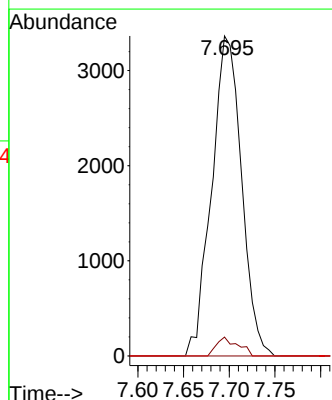
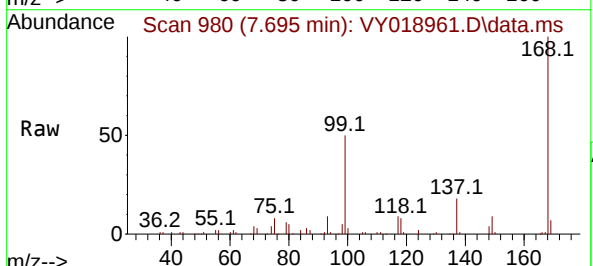
Tgt Ion: 117 Resp: 7638

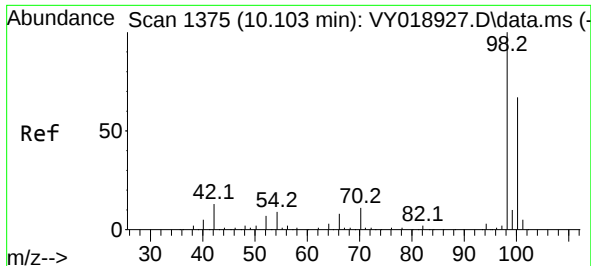
Ion Ratio Lower Upper

117 100

119 5.9 75.8 113.6#

121 0.0 24.0 36.0#

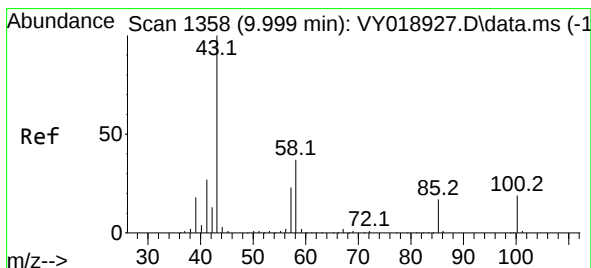
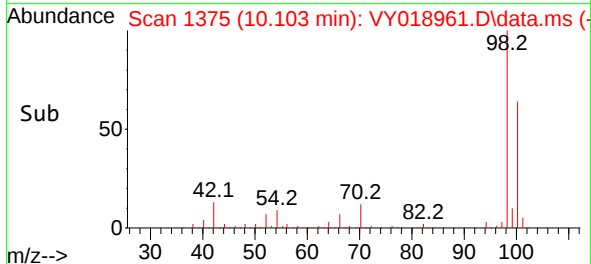
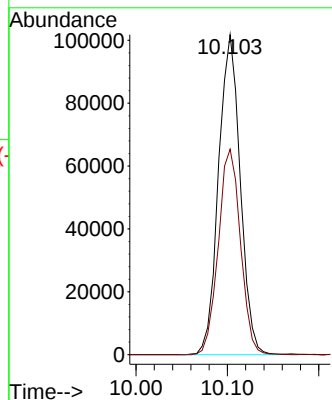
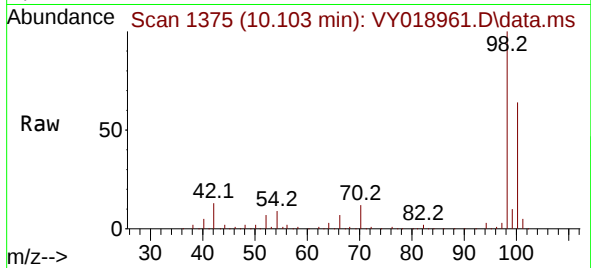




#50
Toluene-d8
Concen: 52.188 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY018961.D
Acq: 09 Aug 2024 12:43

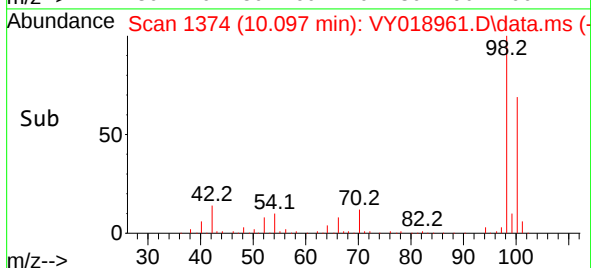
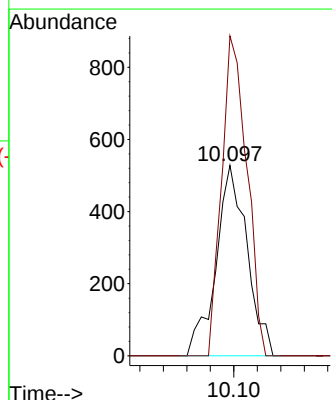
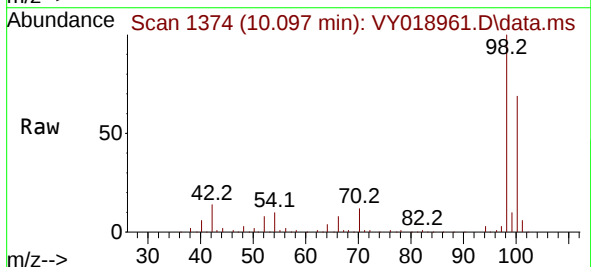
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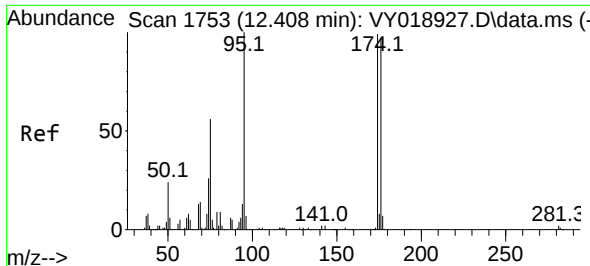
Tgt Ion: 98 Resp: 167879
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.796 ug/l
RT: 10.097 min Scan# 1374
Delta R.T. 0.097 min
Lab File: VY018961.D
Acq: 09 Aug 2024 12:43

Tgt Ion: 43 Resp: 968
Ion Ratio Lower Upper
43 100
58 136.6 35.7 53.5

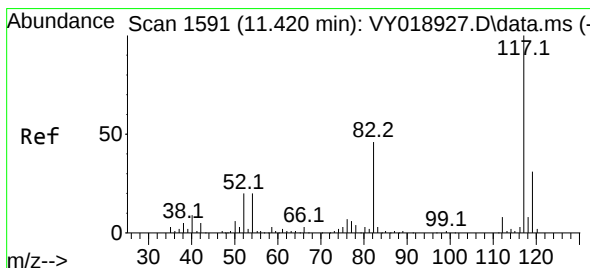
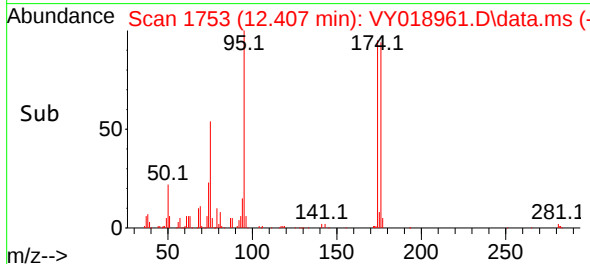
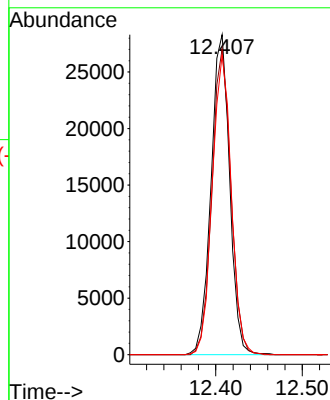
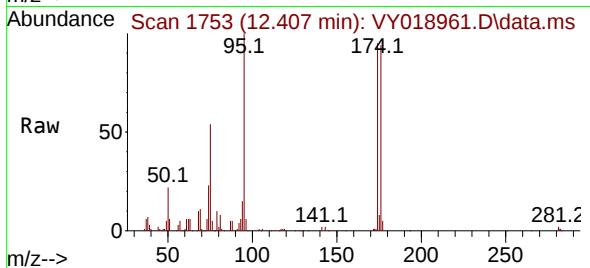




#62
4-Bromofluorobenzene
Concen: 44.337 ug/l
RT: 12.407 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018961.D
Acq: 09 Aug 2024 12:43

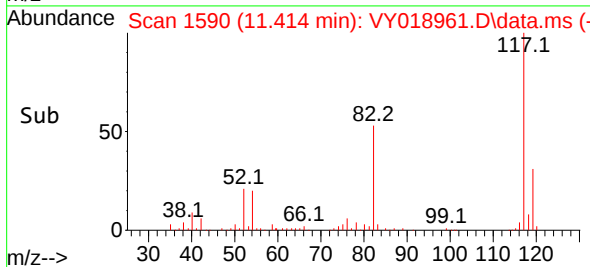
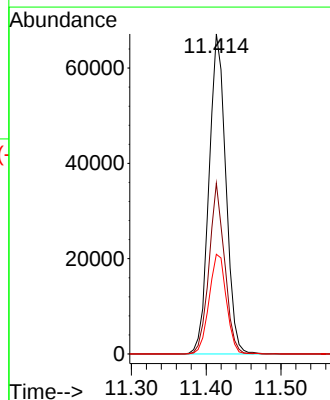
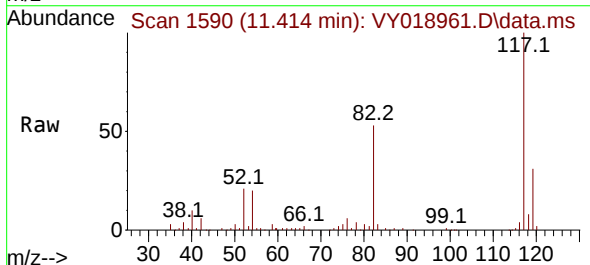
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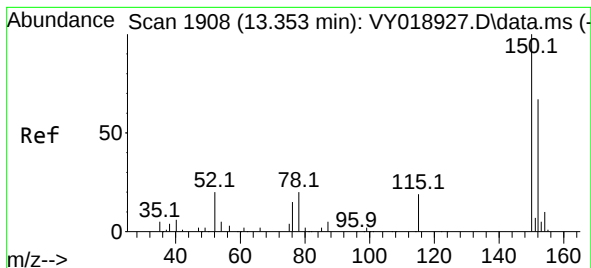
Tgt Ion: 95 Resp: 42313
Ion Ratio Lower Upper
95 100
174 96.8 0.0 175.6
176 95.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY018961.D
Acq: 09 Aug 2024 12:43

Tgt Ion: 117 Resp: 105075
Ion Ratio Lower Upper
117 100
82 53.3 42.4 63.6
119 31.2 25.9 38.9

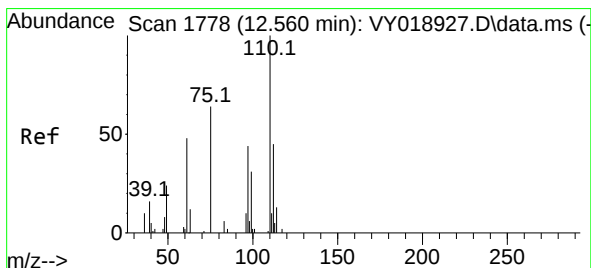
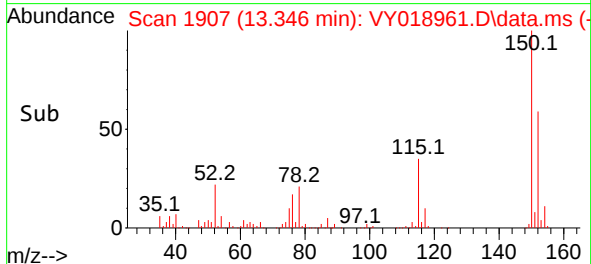
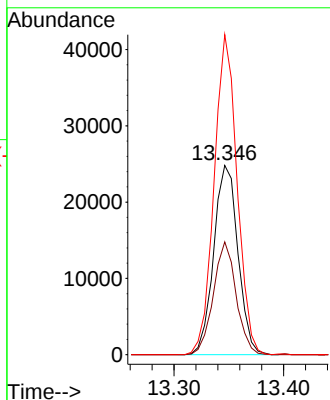
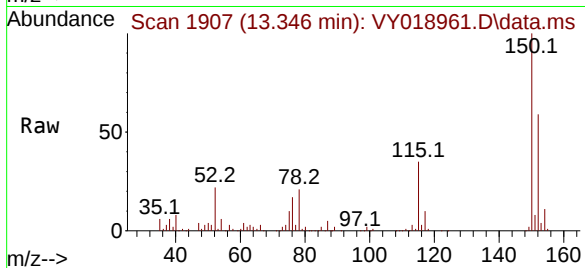




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY018961.D
Acq: 09 Aug 2024 12:43

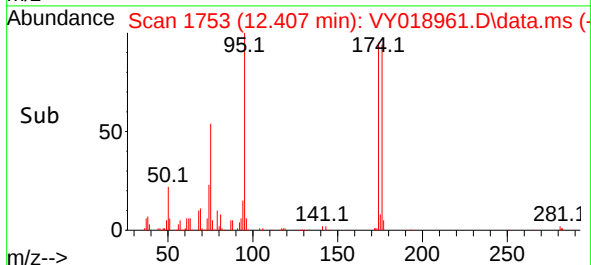
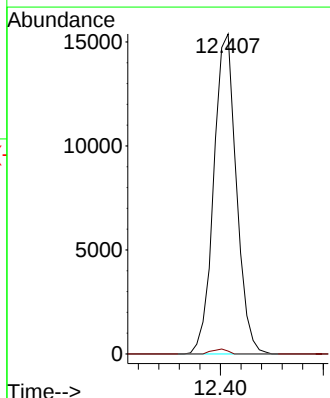
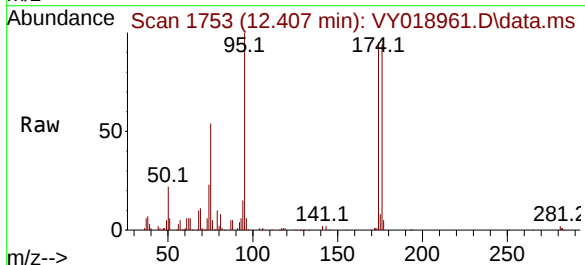
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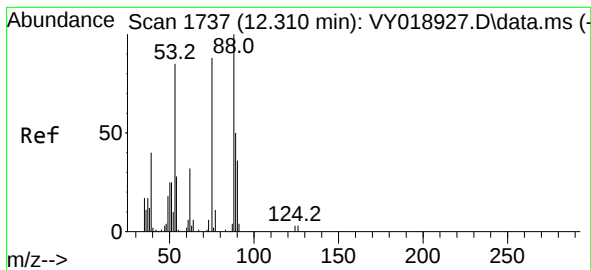
Tgt Ion:152 Resp: 38185
Ion Ratio Lower Upper
152 100
115 55.9 28.2 84.7
150 159.9 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 82.465 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.153 min
Lab File: VY018961.D
Acq: 09 Aug 2024 12:43

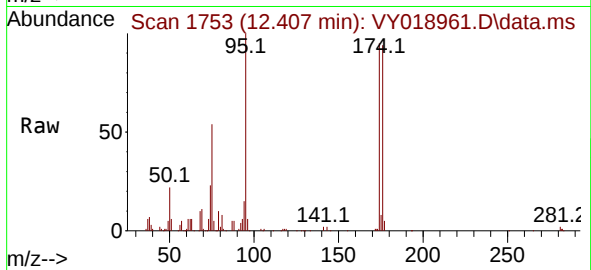
Tgt Ion: 75 Resp: 23459
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 169.927 ug/l
 RT: 12.407 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY018961.D
 Acq: 09 Aug 2024 12:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-CF-12-080624



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.0	35.8	53.6#

