

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080924\
 Data File : VY018963.D
 Acq On : 09 Aug 2024 13:33
 Operator : SY/MD
 Sample : P3518-03
 Misc : 4.71g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-02-080724RE

Quant Time: Aug 09 23:26:09 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)

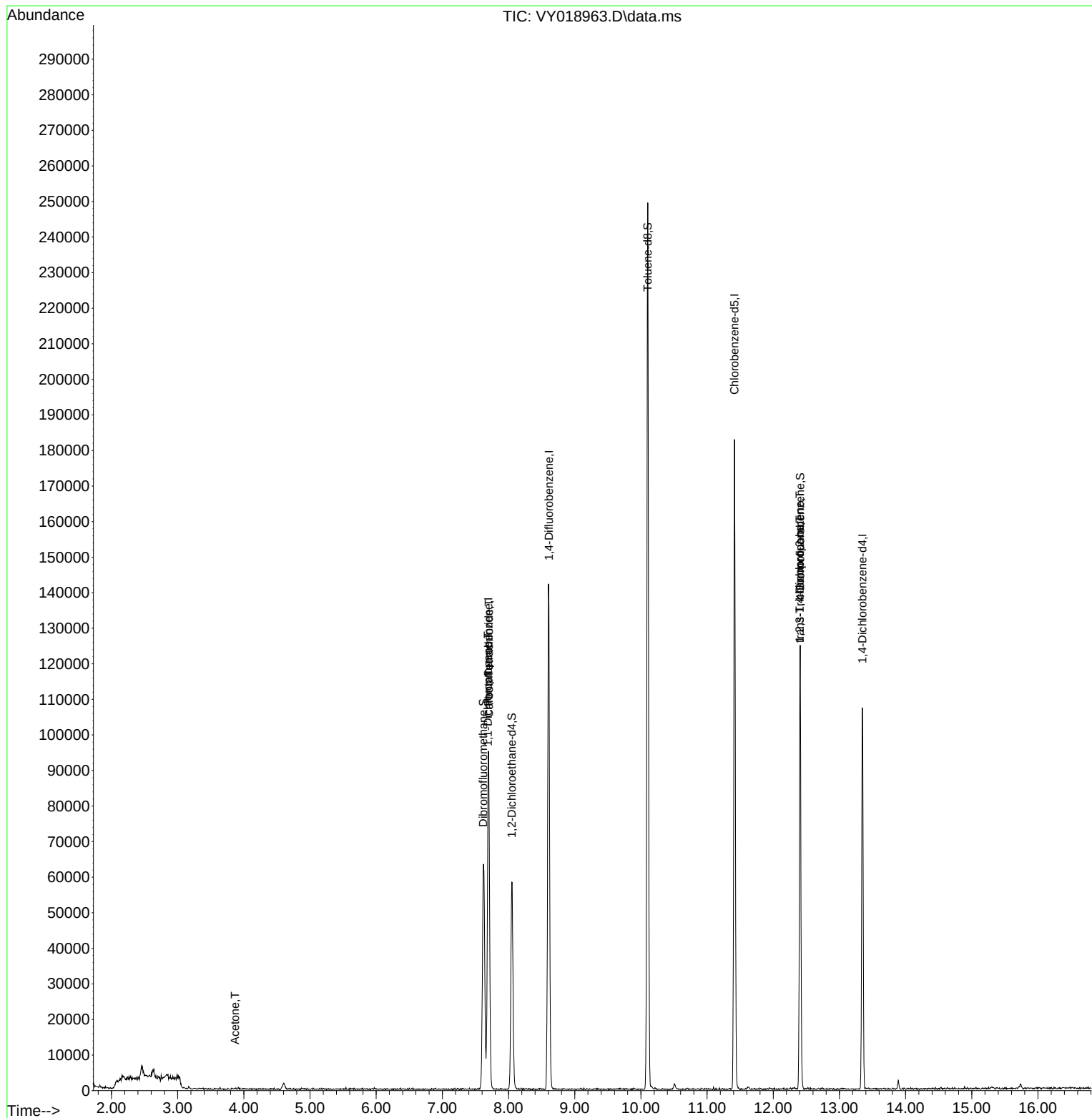
Internal Standards						
1) Pentafluorobenzene	7.695	168	75808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	121417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	88704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	24871	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	37370	56.146	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.300%
35) Dibromofluoromethane	7.616	113	42774	55.158	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.320%
50) Toluene-d8	10.103	98	153996	51.700	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.400%
62) 4-Bromofluorobenzene	12.408	95	31034	35.118	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	70.240%
Target Compounds						
					Qvalue	
3) Chloromethane	2.068	50	114	Below Cal	#	71
11) Tert butyl alcohol	4.952	59	22	Below Cal	#	88
13) Acrolein	3.665	56	20	Below Cal	#	15
16) Acetone	3.866	43	277	14.055	ug/l #	36
20) Methylene Chloride	4.592	84	963	Below Cal	#	78
31) Cyclohexane	7.689	56	1861	Below Cal	#	64
36) 1,1-Dichloropropene	7.689	75	5654	5.431	ug/l #	48
38) Carbon Tetrachloride	7.701	117	7359	6.166	ug/l #	16
41) Methacrylonitrile	7.226	41	56	Below Cal	#	15
76) 1,2,3-Trichloropropane	12.402	75	18197	98.211	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	18197	202.372	ug/l #	16

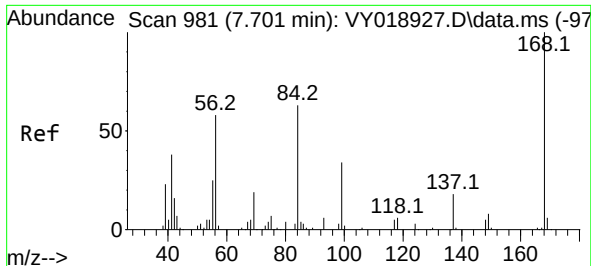
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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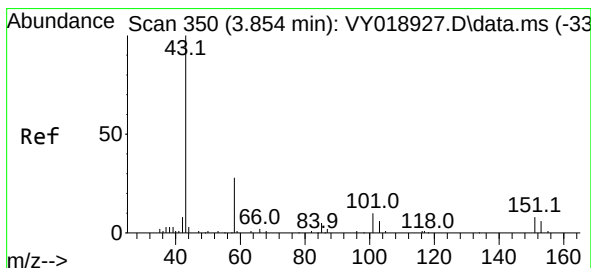
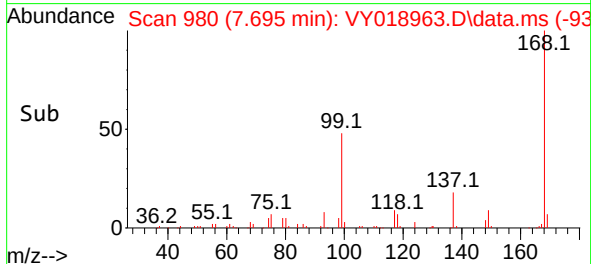
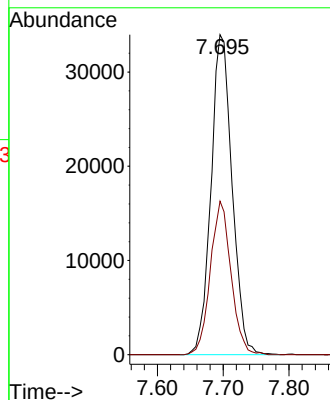
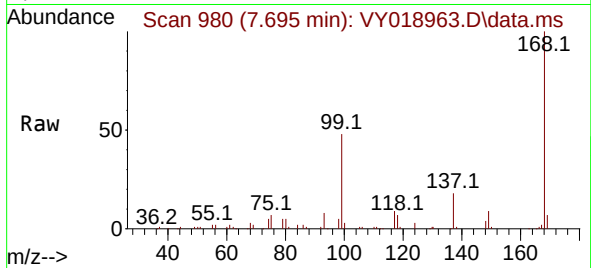




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018963.D
Acq: 09 Aug 2024 13:33

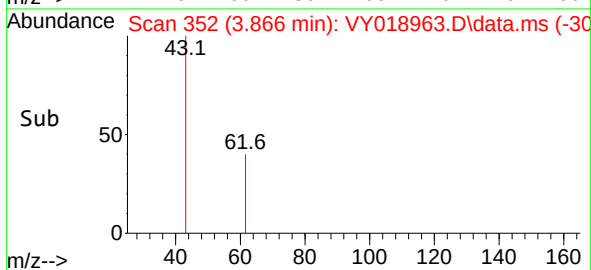
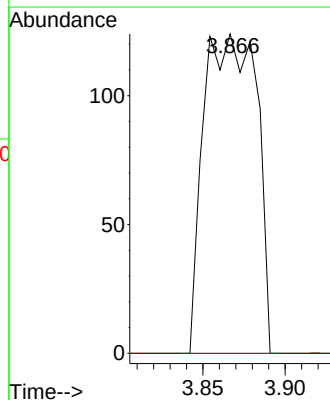
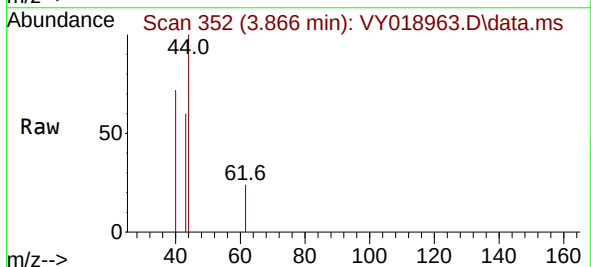
Instrument :
MSVOA_Y
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OU4-TS-02-080724RE

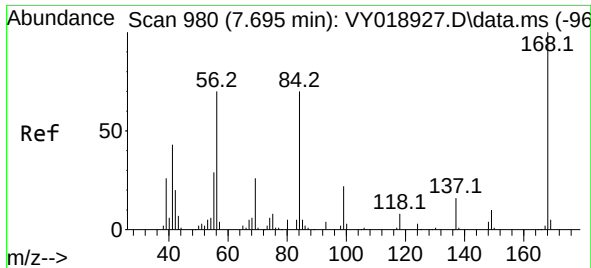
Tgt Ion:168 Resp: 75808
Ion Ratio Lower Upper
168 100
99 48.0 39.1 58.7



#16
Acetone
Concen: 14.055 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY018963.D
Acq: 09 Aug 2024 13:33

Tgt Ion: 43 Resp: 277
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#

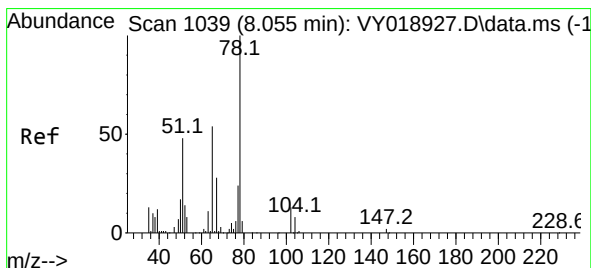
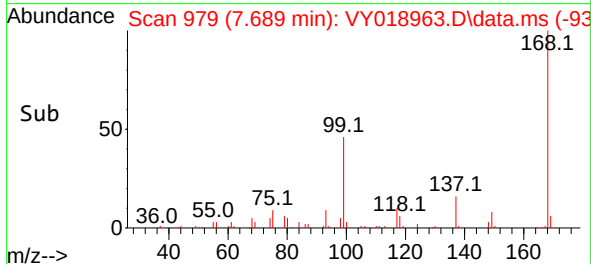
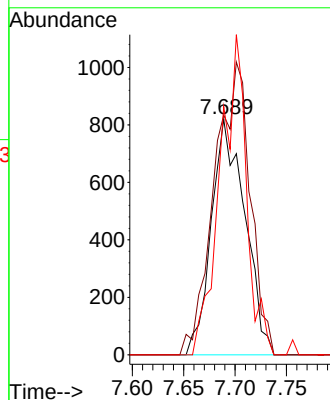
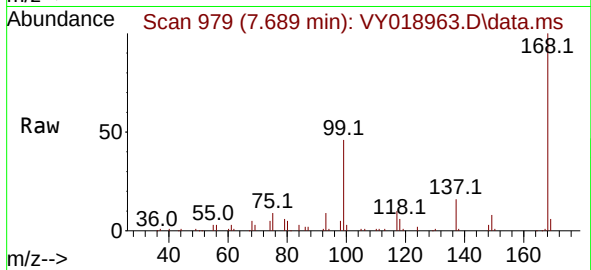




#31
Cyclohexane
Concen: Below Cal
RT: 7.689 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018963.D
Acq: 09 Aug 2024 13:33

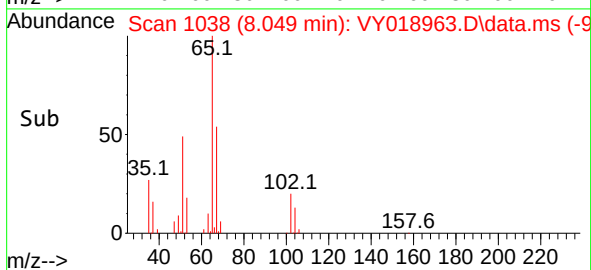
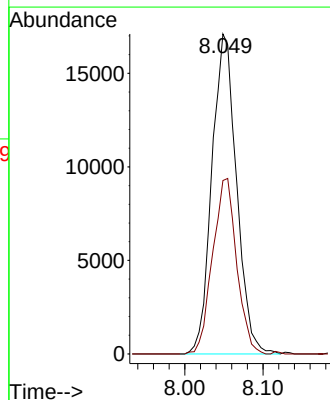
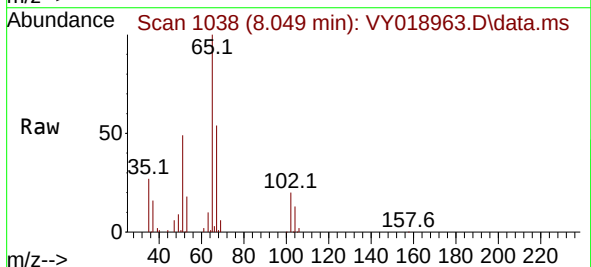
Instrument :
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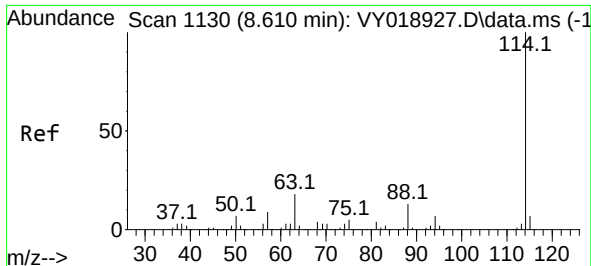
Tgt Ion: 56 Resp: 1861
Ion Ratio Lower Upper
56 100
69 101.7 28.7 43.1#
84 105.4 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 56.146 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY018963.D
Acq: 09 Aug 2024 13:33

Tgt Ion: 65 Resp: 37370
Ion Ratio Lower Upper
65 100
67 53.5 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY018963.D

Acq: 09 Aug 2024 13:33

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-02-080724RE

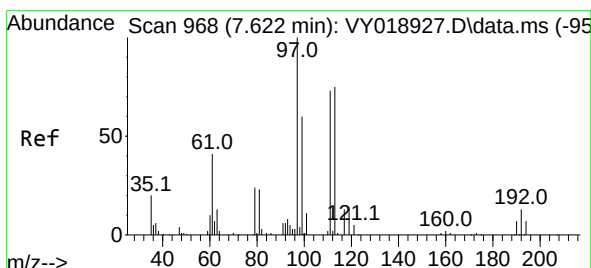
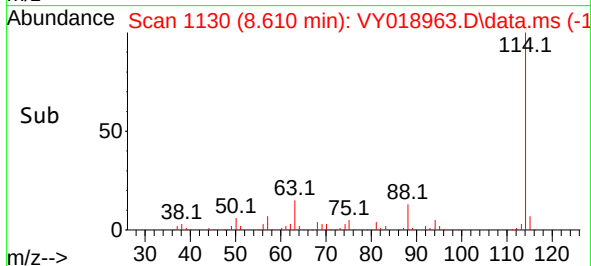
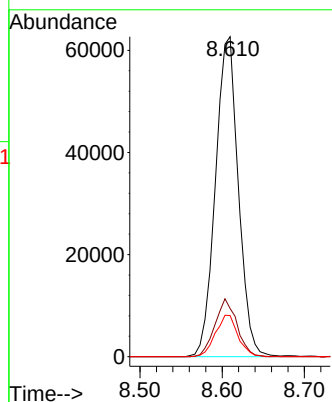
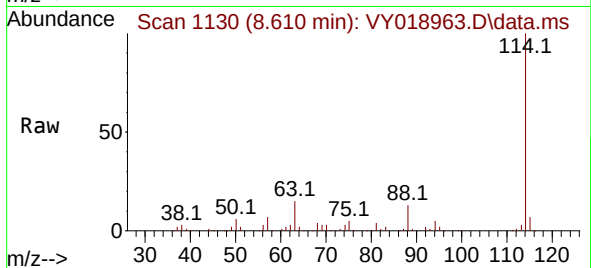
Tgt Ion:114 Resp: 121417

Ion Ratio Lower Upper

114 100

63 15.1 0.0 35.0

88 12.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.158 ug/l

RT: 7.616 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY018963.D

Acq: 09 Aug 2024 13:33

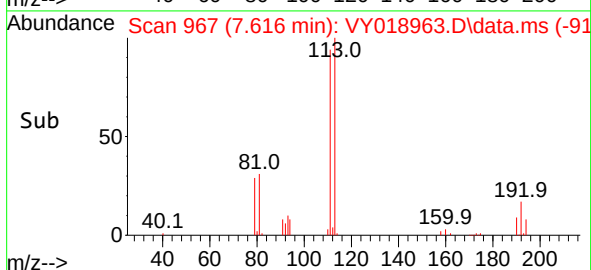
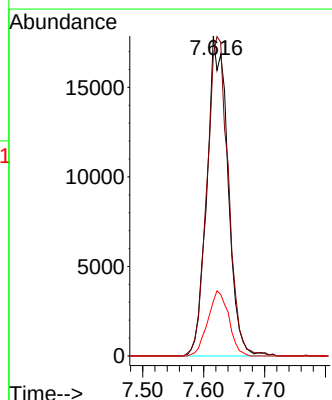
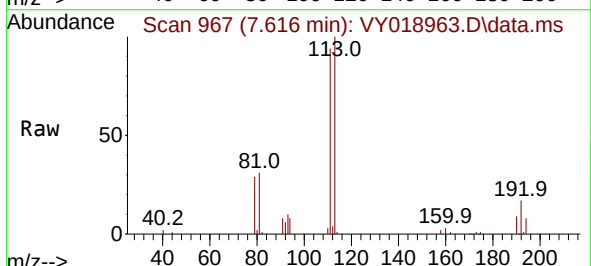
Tgt Ion:113 Resp: 42774

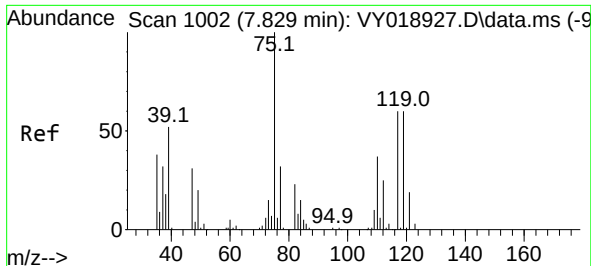
Ion Ratio Lower Upper

113 100

111 101.1 82.2 123.4

192 20.3 15.9 23.9

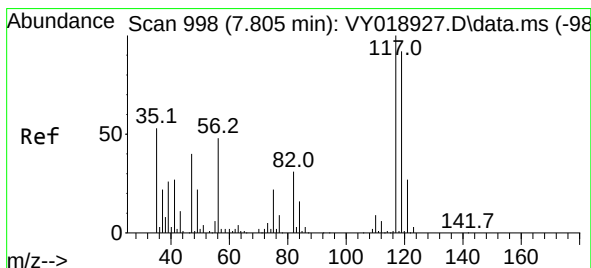
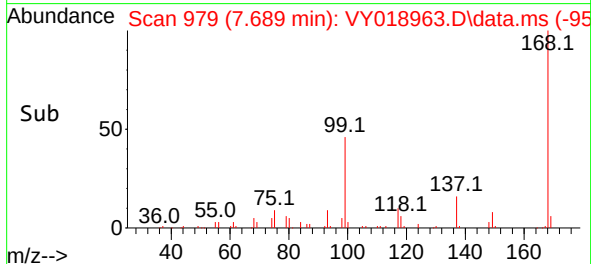
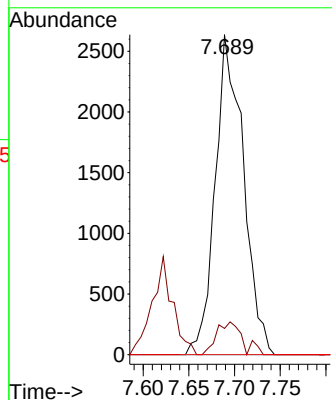
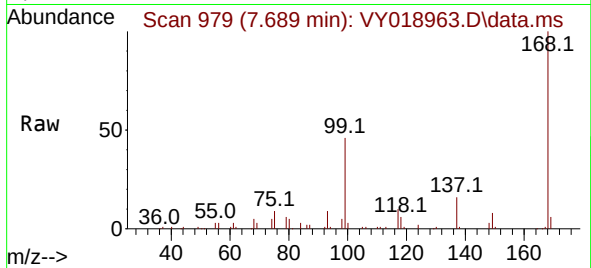




#36
 1,1-Dichloropropene
 Concen: 5.431 ug/l
 RT: 7.689 min Scan# 91
 Delta R.T. -0.140 min
 Lab File: VY018963.D
 Acq: 09 Aug 2024 13:33

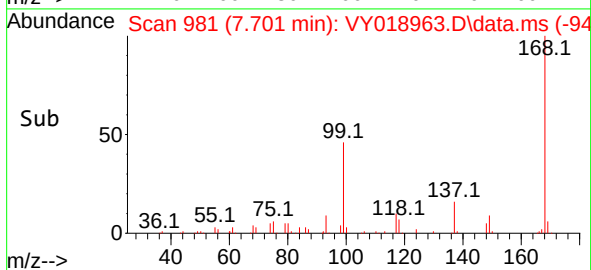
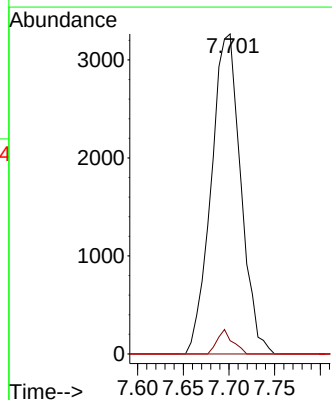
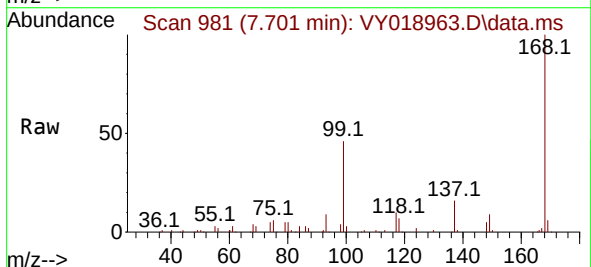
Instrument :
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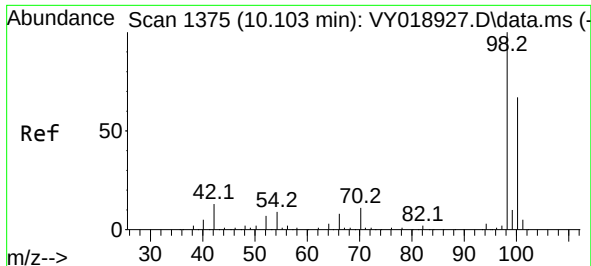
Tgt Ion: 75 Resp: 5654
 Ion Ratio Lower Upper
 75 100
 110 9.5 19.0 57.0#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 6.166 ug/l
 RT: 7.701 min Scan# 981
 Delta R.T. -0.104 min
 Lab File: VY018963.D
 Acq: 09 Aug 2024 13:33

Tgt Ion: 117 Resp: 7359
 Ion Ratio Lower Upper
 117 100
 119 4.2 75.8 113.6#
 121 0.0 24.0 36.0#

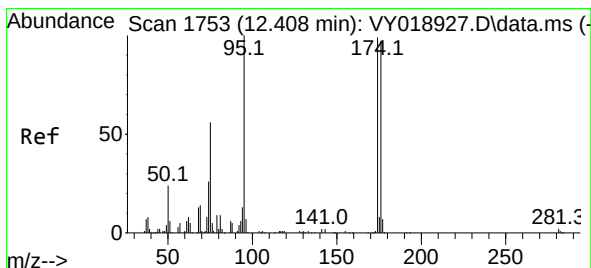
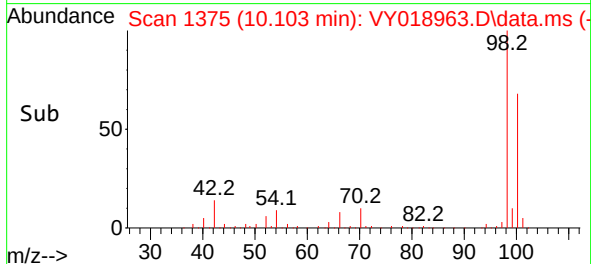
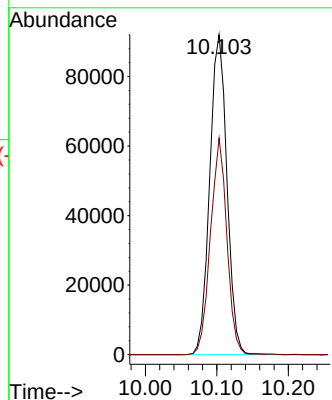
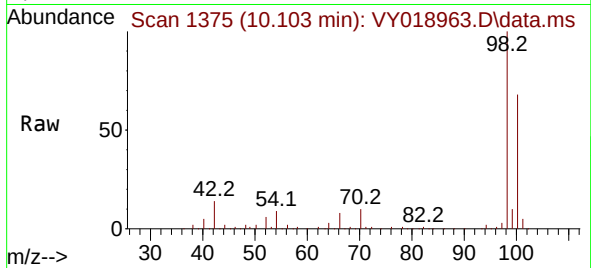




#50
Toluene-d8
Concen: 51.700 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018963.D
Acq: 09 Aug 2024 13:33

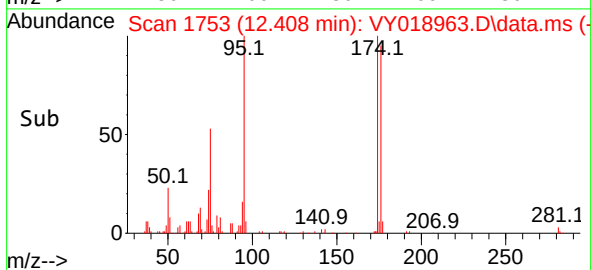
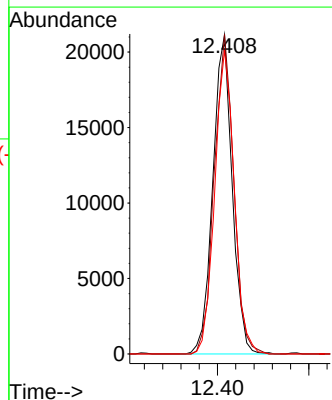
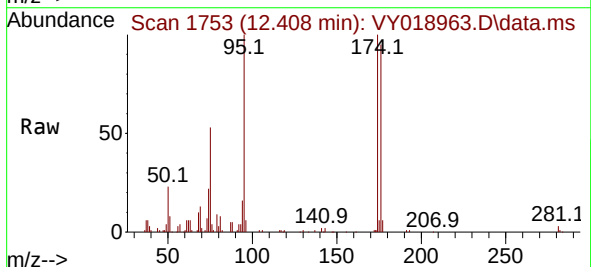
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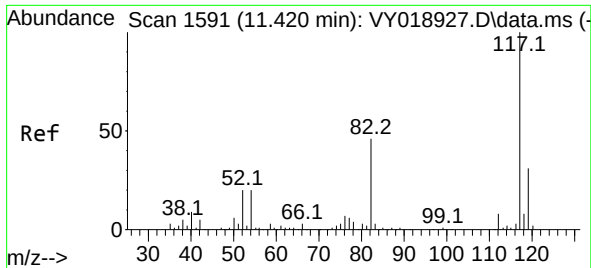
Tgt Ion: 98 Resp: 153996
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 35.118 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY018963.D
Acq: 09 Aug 2024 13:33

Tgt Ion: 95 Resp: 31034
Ion Ratio Lower Upper
95 100
174 100.4 0.0 175.6
176 96.0 0.0 171.4

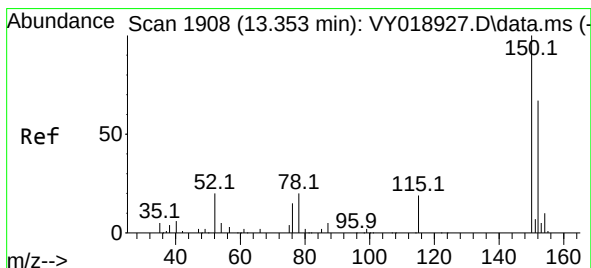
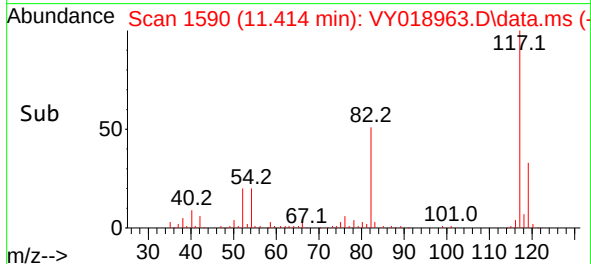
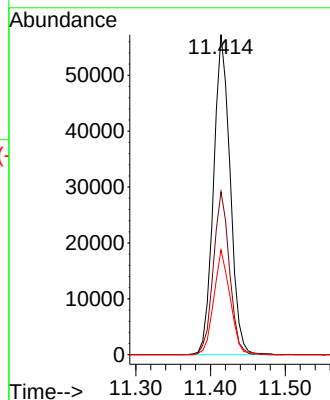
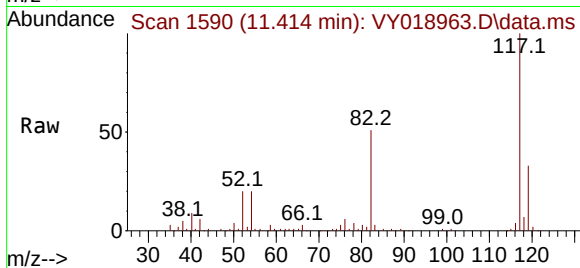




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018963.D
Acq: 09 Aug 2024 13:33

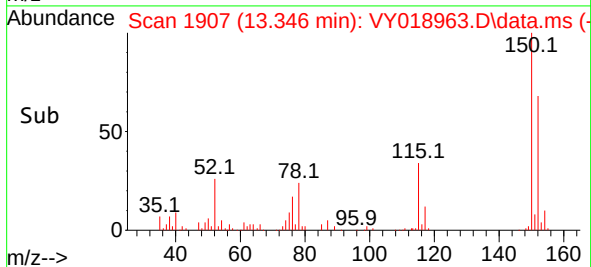
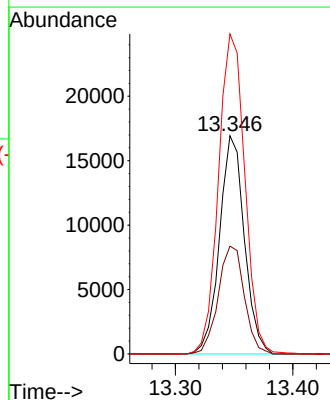
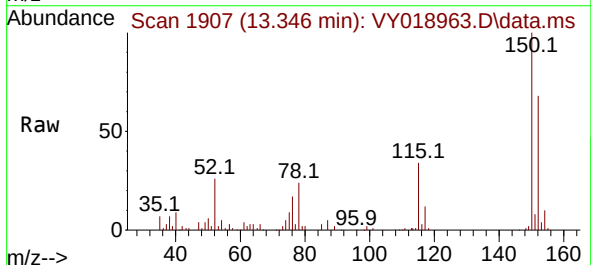
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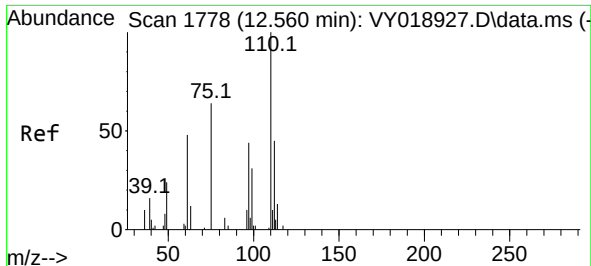
Tgt Ion:117 Resp: 88704
Ion Ratio Lower Upper
117 100
82 51.0 42.4 63.6
119 32.8 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY018963.D
Acq: 09 Aug 2024 13:33

Tgt Ion:152 Resp: 24871
Ion Ratio Lower Upper
152 100
115 51.9 28.2 84.7
150 155.4 0.0 345.6

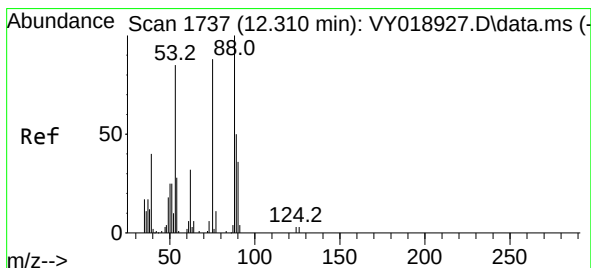
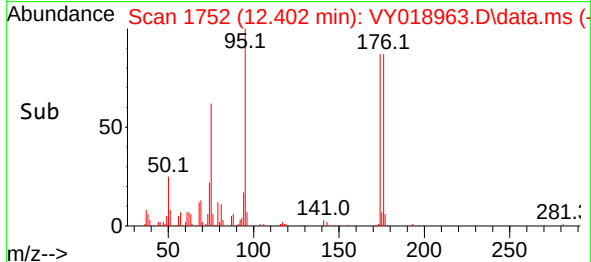
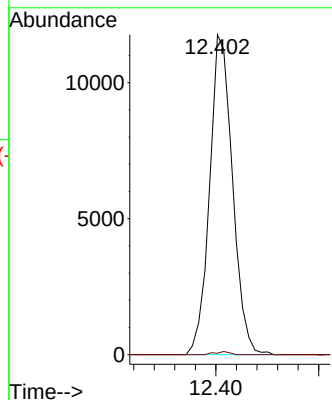
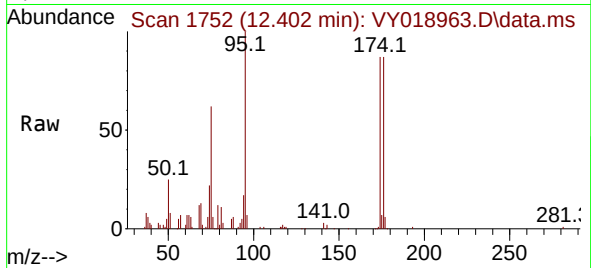




#76
1,2,3-Trichloropropane
Concen: 98.211 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.159 min
Lab File: VY018963.D
Acq: 09 Aug 2024 13:33

Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-02-080724RE

Tgt Ion: 75 Resp: 18197
Ion Ratio Lower Upper
75 100
77 0.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 202.372 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.091 min
Lab File: VY018963.D
Acq: 09 Aug 2024 13:33

Tgt Ion: 75 Resp: 18197
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.3 35.8 53.6#

