

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080824\
 Data File : VY018940.D
 Acq On : 08 Aug 2024 20:51
 Operator : SY/MD
 Sample : P3520-05
 Misc : 4.98g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-CF-10-080624

Quant Time: Aug 09 05:11:29 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)

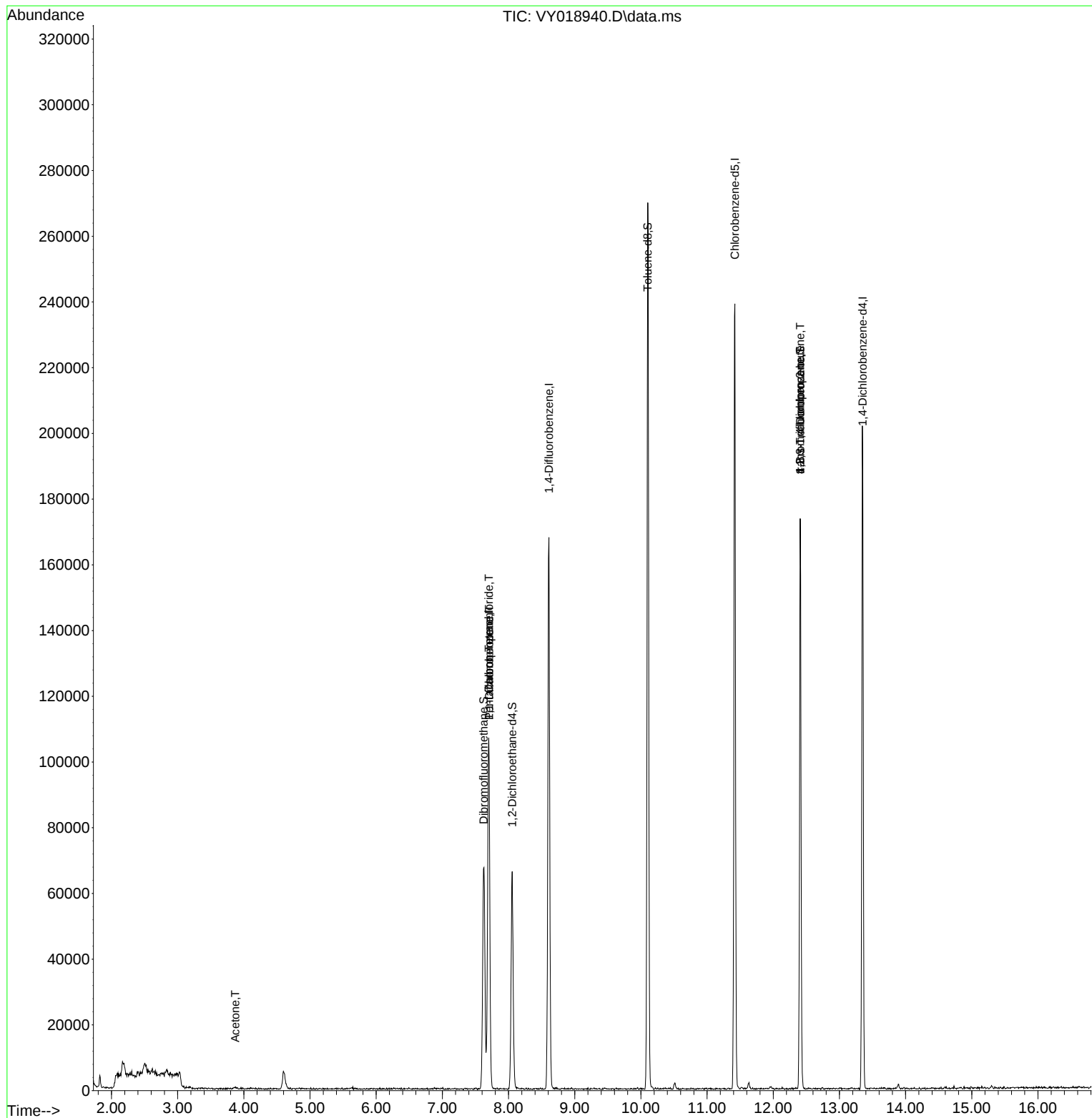
Internal Standards						
1) Pentafluorobenzene	7.707	168	87222	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	144181	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	120477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	46339	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	41217	53.822	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.640%	
35) Dibromofluoromethane	7.622	113	45235	49.122	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.240%	
50) Toluene-d8	10.103	98	168252	47.568	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.140%	
62) 4-Bromofluorobenzene	12.408	95	43288	41.251	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 82.500%	
Target Compounds						Qvalue
3) Chloromethane	2.068	50	262	Below Cal	#	42
11) Tert butyl alcohol	4.848	59	48	Below Cal	#	1
13) Acrolein	3.800	56	21	Below Cal	#	15
16) Acetone	3.873	43	849	16.599	ug/l #	82
20) Methylene Chloride	4.604	84	3614	Below Cal		87
31) Cyclohexane	7.695	56	2398	Below Cal	#	60
36) 1,1-Dichloropropene	7.707	75	6509	5.266	ug/l #	48
38) Carbon Tetrachloride	7.701	117	8795	6.205	ug/l #	16
41) Methacrylonitrile	7.244	41	24	Below Cal	#	15
76) 1,2,3-Trichloropropane	12.408	75	25000	72.418	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	25000	149.224	ug/l #	16

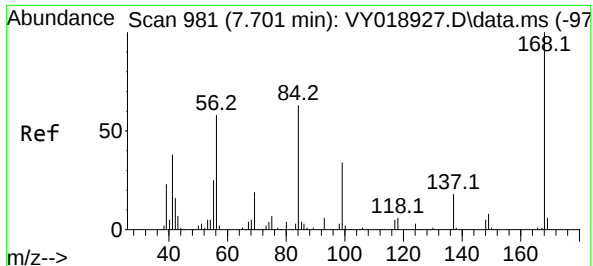
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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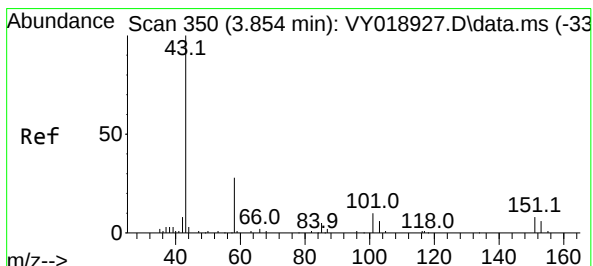
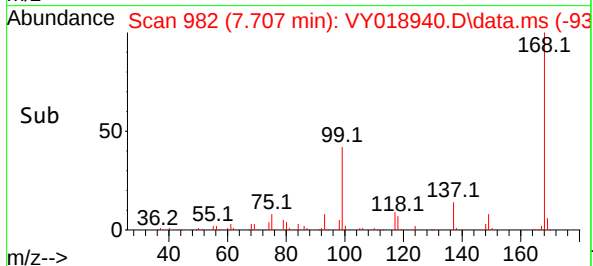
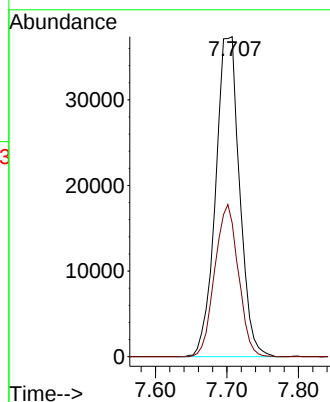
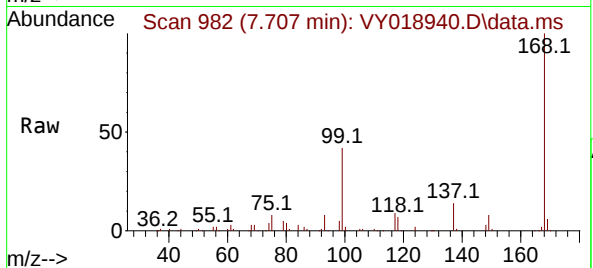




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018940.D
Acq: 08 Aug 2024 20:51

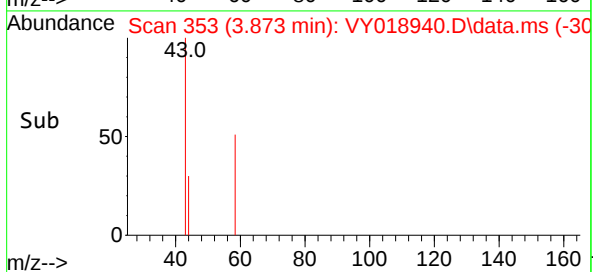
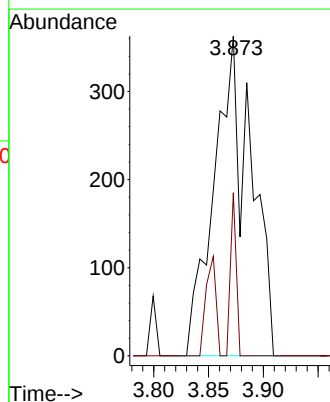
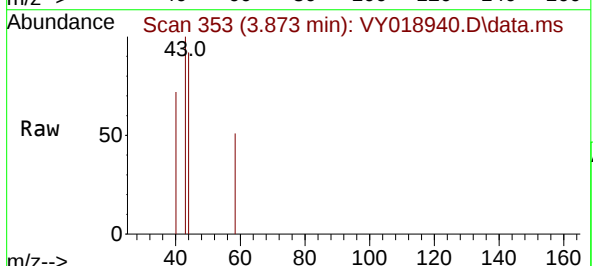
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-10-080624

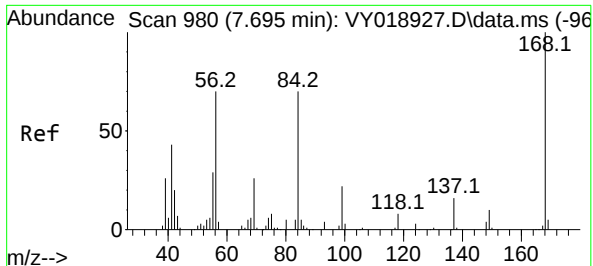
Tgt Ion:168 Resp: 87222
Ion Ratio Lower Upper
168 100
99 41.8 39.1 58.7



#16
Acetone
Concen: 16.599 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.018 min
Lab File: VY018940.D
Acq: 08 Aug 2024 20:51

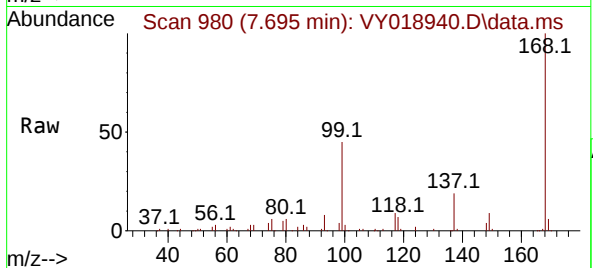
Tgt Ion: 43 Resp: 849
Ion Ratio Lower Upper
43 100
58 51.0 31.7 47.5#



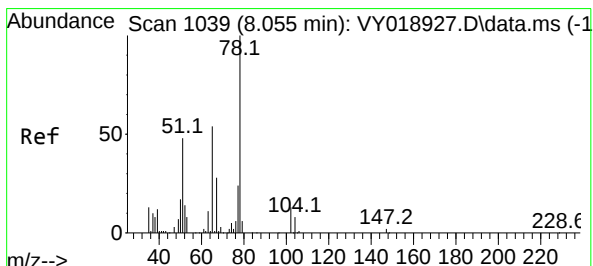
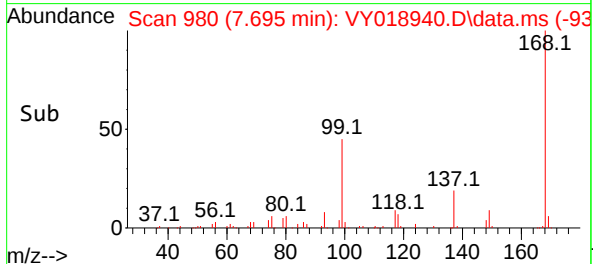
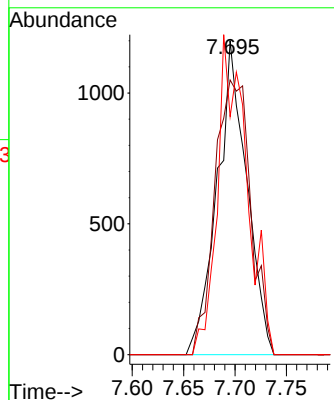


#31
Cyclohexane
Concen: Below Cal
RT: 7.695 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018940.D
Acq: 08 Aug 2024 20:51

Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-10-080624

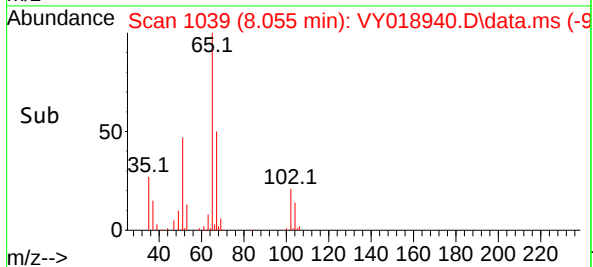
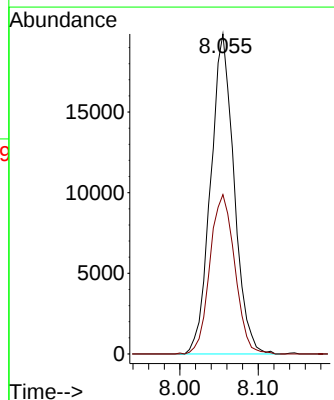
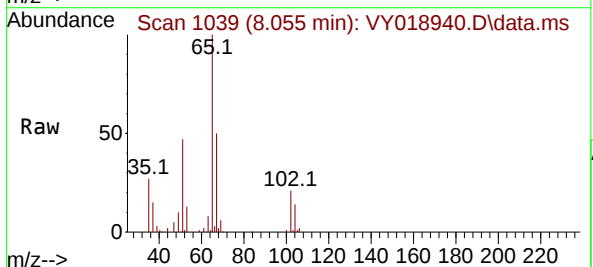


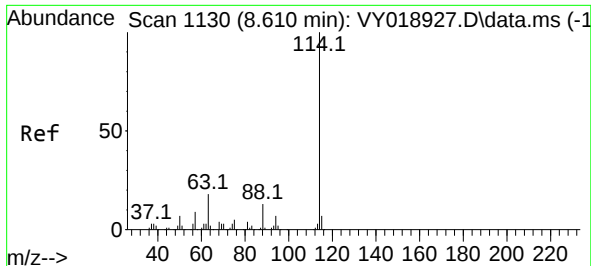
Tgt Ion: 56 Resp: 2398
Ion Ratio Lower Upper
56 100
69 87.5 28.7 43.1#
84 75.8 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 53.822 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY018940.D
Acq: 08 Aug 2024 20:51

Tgt Ion: 65 Resp: 41217
Ion Ratio Lower Upper
65 100
67 53.0 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: VY018940.D

Acq: 08 Aug 2024 20:51

Instrument :

MSVOA_Y

ClientSampleId :

OU4-CF-10-080624

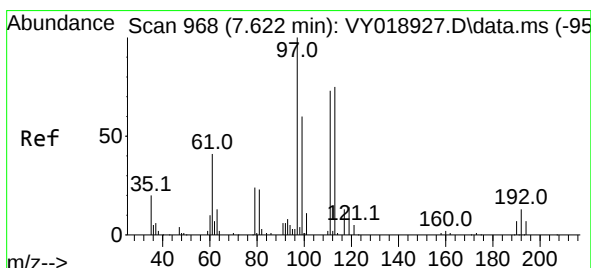
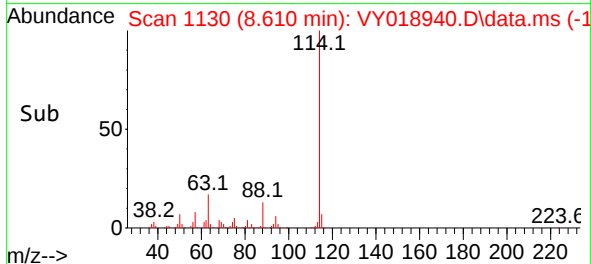
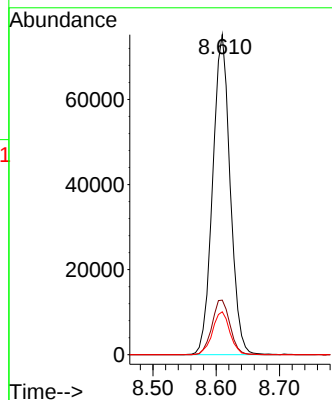
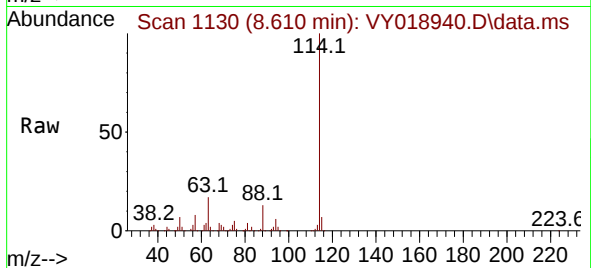
Tgt Ion:114 Resp: 144181

Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

88 13.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.122 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY018940.D

Acq: 08 Aug 2024 20:51

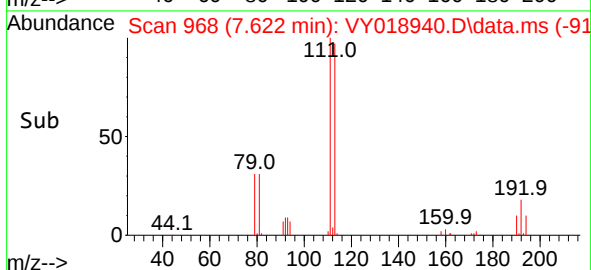
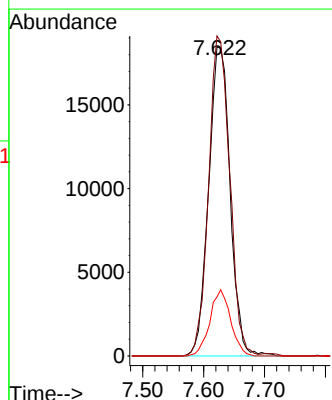
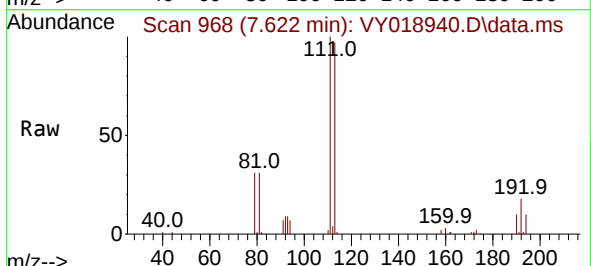
Tgt Ion:113 Resp: 45235

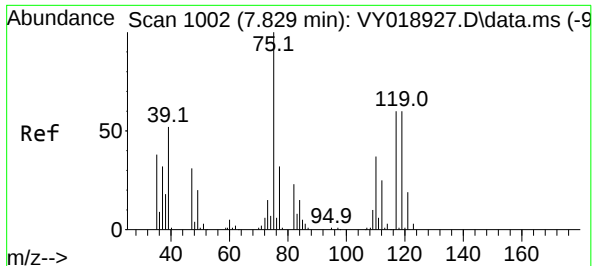
Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.4

192 20.8 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.266 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY018940.D

Acq: 08 Aug 2024 20:51

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OU4-CF-10-080624

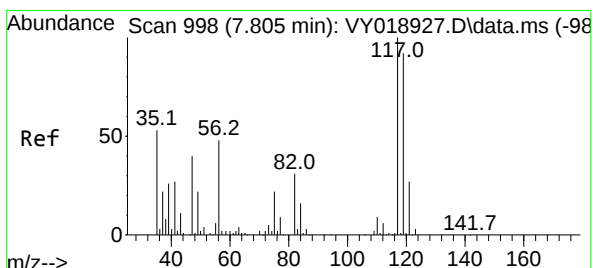
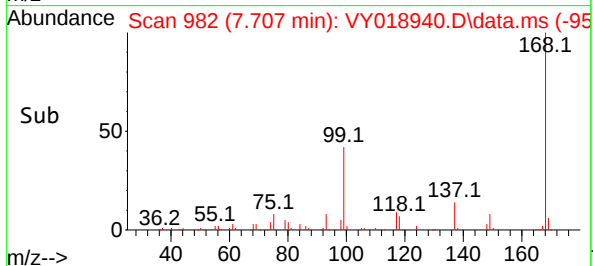
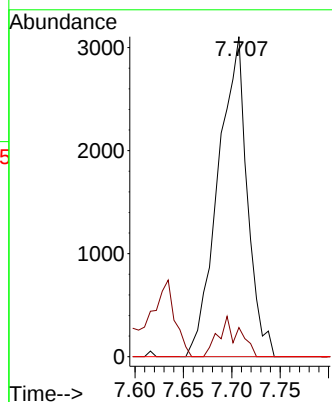
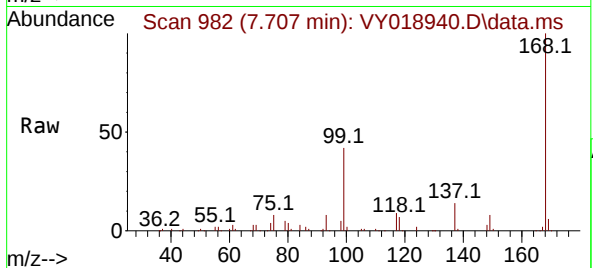
Tgt Ion: 75 Resp: 6509

Ion Ratio Lower Upper

75 100

110 9.0 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.205 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.104 min

Lab File: VY018940.D

Acq: 08 Aug 2024 20:51

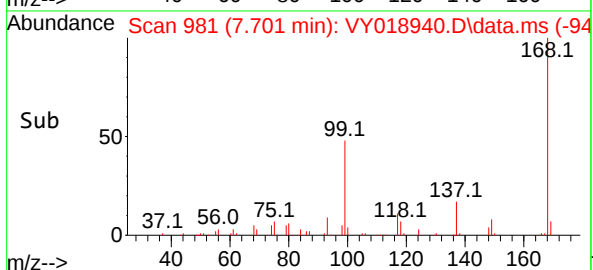
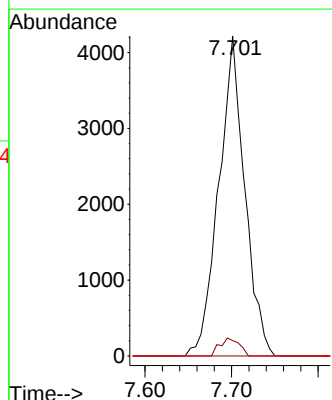
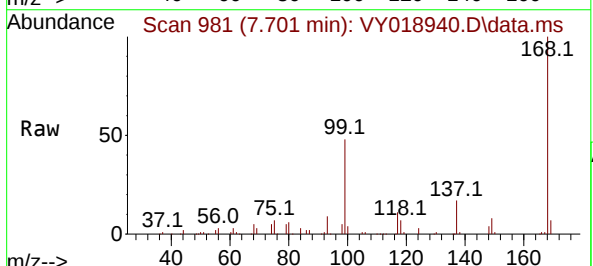
Tgt Ion: 117 Resp: 8795

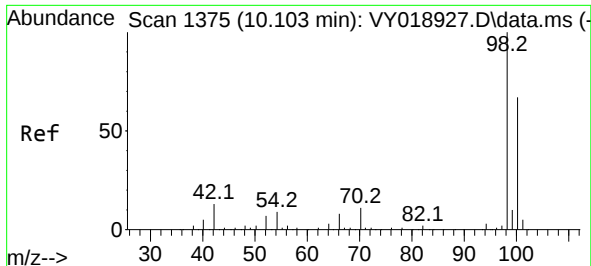
Ion Ratio Lower Upper

117 100

119 4.8 75.8 113.6#

121 0.0 24.0 36.0#

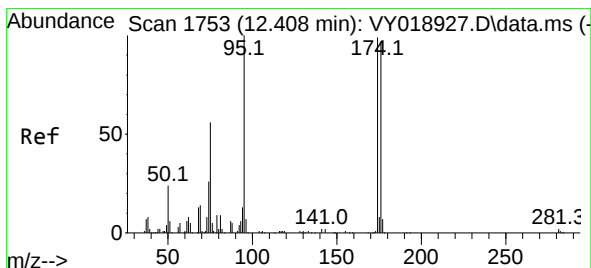
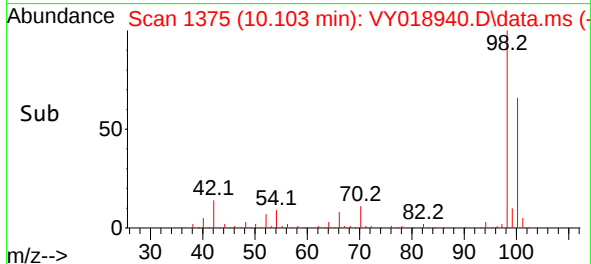
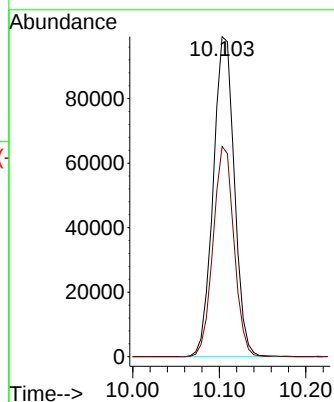
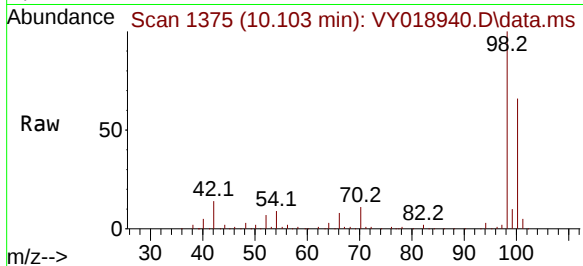




#50
Toluene-d8
Concen: 47.568 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018940.D
Acq: 08 Aug 2024 20:51

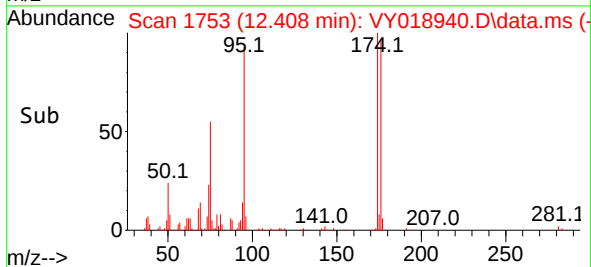
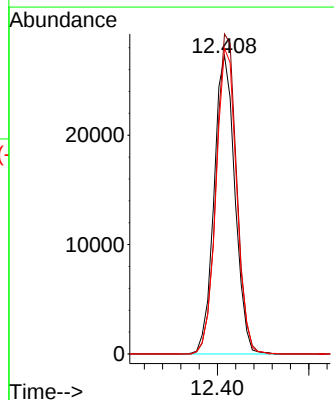
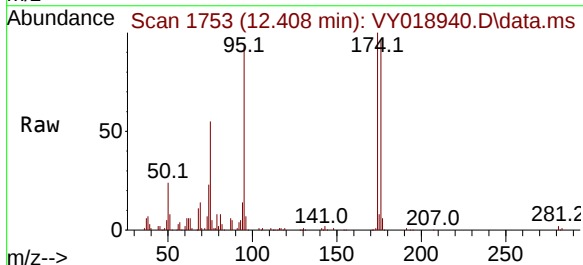
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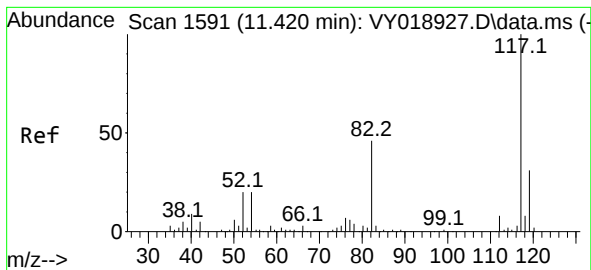
Tgt Ion: 98 Resp: 168252
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.251 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY018940.D
Acq: 08 Aug 2024 20:51

Tgt Ion: 95 Resp: 43288
Ion Ratio Lower Upper
95 100
174 105.4 0.0 175.6
176 100.6 0.0 171.4

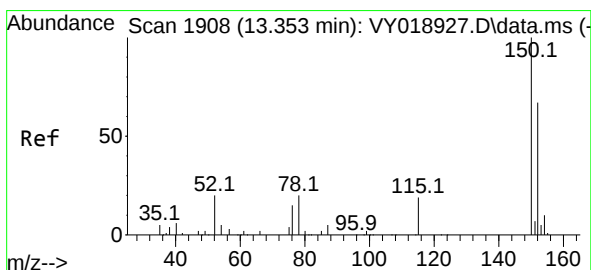
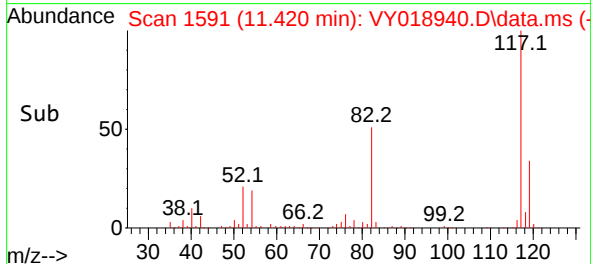
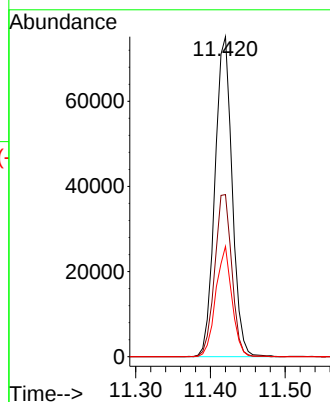
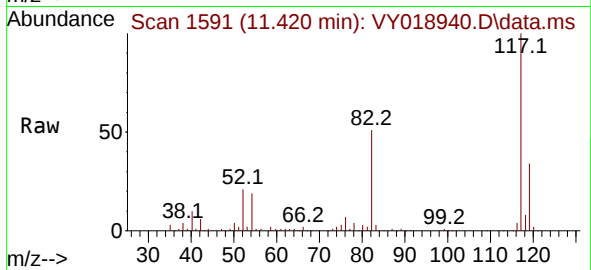




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018940.D
Acq: 08 Aug 2024 20:51

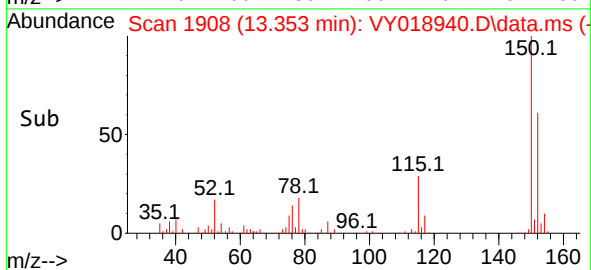
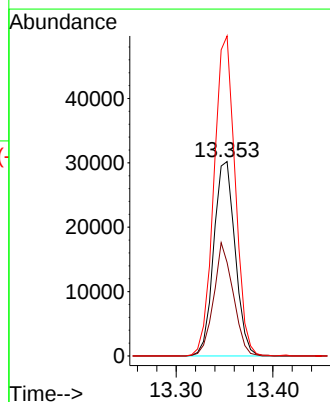
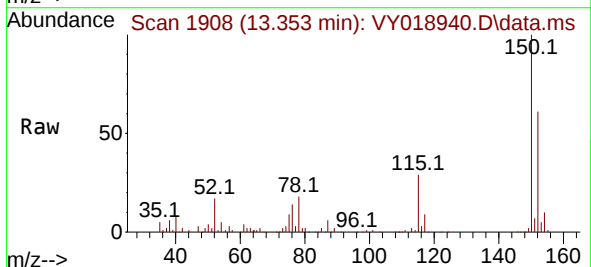
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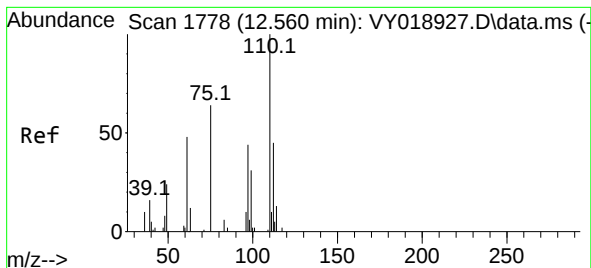
Tgt Ion:117 Resp: 120477
Ion Ratio Lower Upper
117 100
82 50.6 42.4 63.6
119 34.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY018940.D
Acq: 08 Aug 2024 20:51

Tgt Ion:152 Resp: 46339
Ion Ratio Lower Upper
152 100
115 53.0 28.2 84.7
150 163.2 0.0 345.6

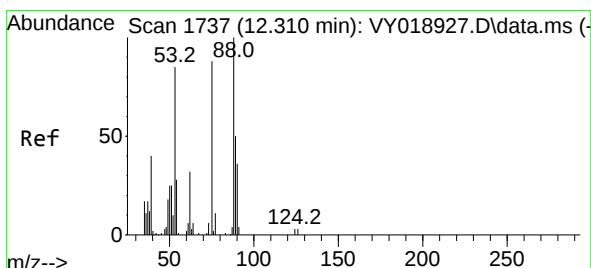
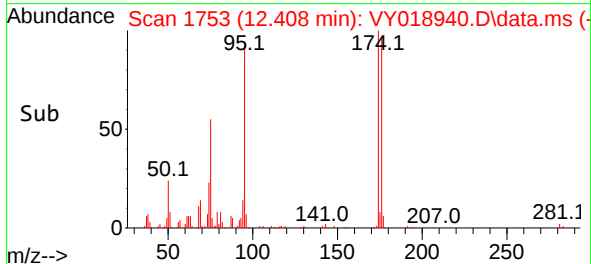
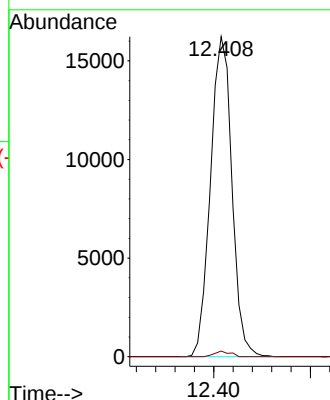
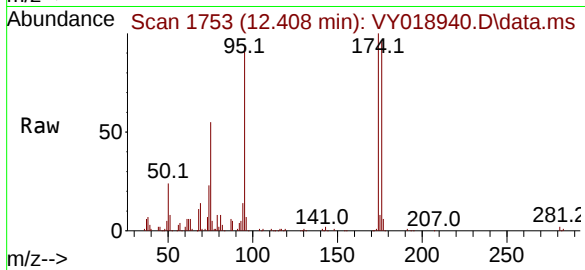




#76
1,2,3-Trichloropropane
Concen: 72.418 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY018940.D
Acq: 08 Aug 2024 20:51

Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-10-080624

Tgt Ion: 75 Resp: 25000
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 149.224 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.098 min
Lab File: VY018940.D
Acq: 08 Aug 2024 20:51

Tgt Ion: 75 Resp: 25000
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

