

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081324\
 Data File : VY019034.D
 Acq On : 13 Aug 2024 17:09
 Operator : SY/MD
 Sample : P3519-21
 Misc : 5.95g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-CF-03-080624

Quant Time: Aug 14 01:39:51 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)

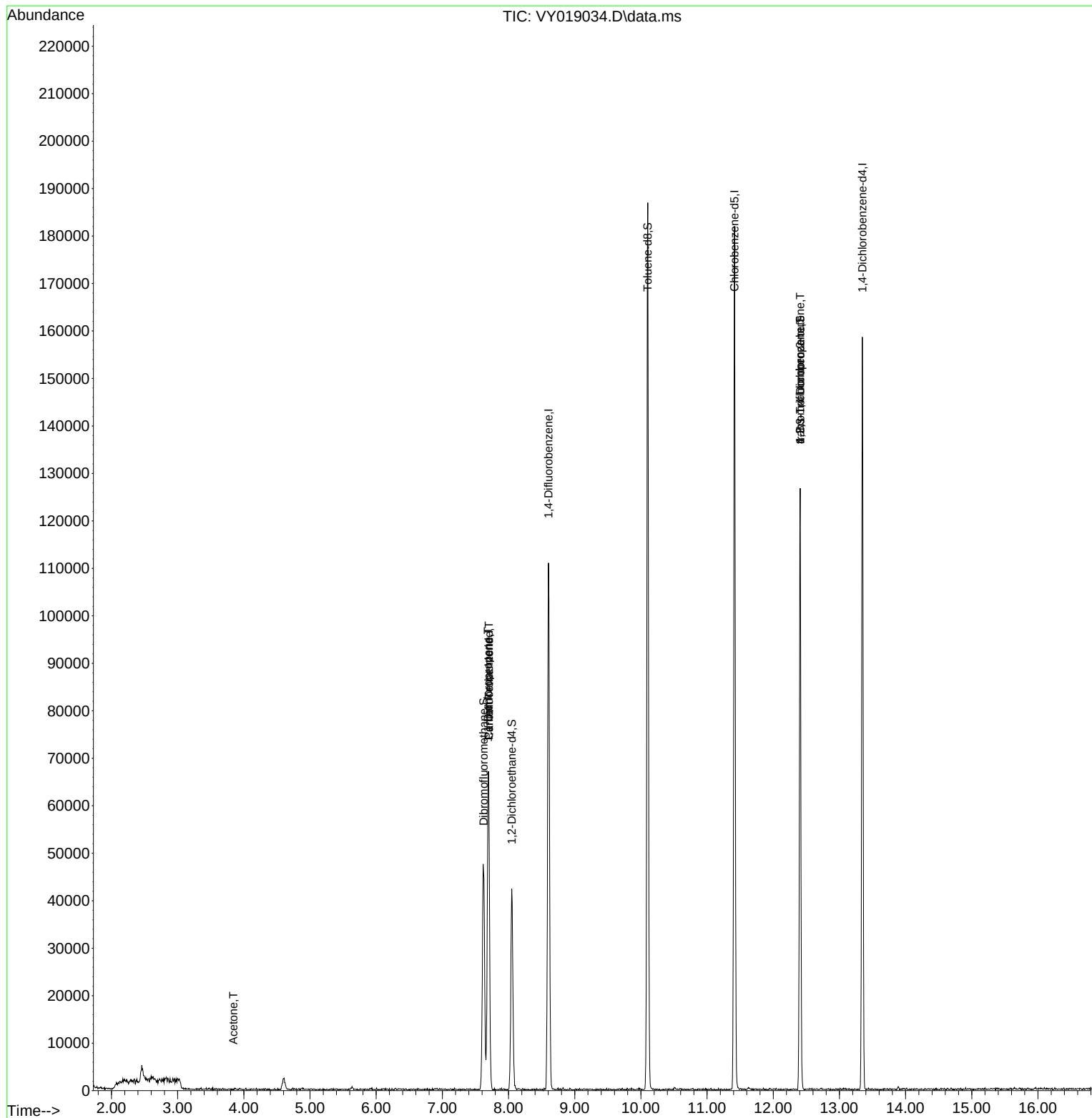
Internal Standards						
1) Pentafluorobenzene	7.701	168	55575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.604	114	96352	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	85299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	35669	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	26165	53.623	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.240%	
35) Dibromofluoromethane	7.622	113	29816	48.451	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.900%	
50) Toluene-d8	10.103	98	112816	47.728	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.460%	
62) 4-Bromofluorobenzene	12.408	95	29559	42.151	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 84.300%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.068	50	103	Below Cal	#	43
13) Acrolein	3.580	56	42	Below Cal	#	15
16) Acetone	3.842	43	141	13.587	ug/l #	36
20) Methylene Chloride	4.598	84	1501	Below Cal		89
31) Cyclohexane	7.695	56	1435	Below Cal	#	60
36) 1,1-Dichloropropene	7.689	75	3878	4.695	ug/l #	47
38) Carbon Tetrachloride	7.701	117	5140	5.427	ug/l #	16
41) Methacrylonitrile	7.439	41	24	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.408	75	17899	67.358	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	17899	138.798	ug/l #	16

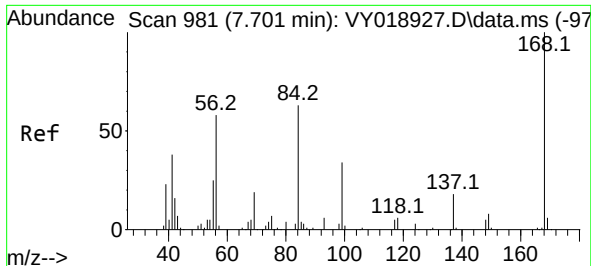
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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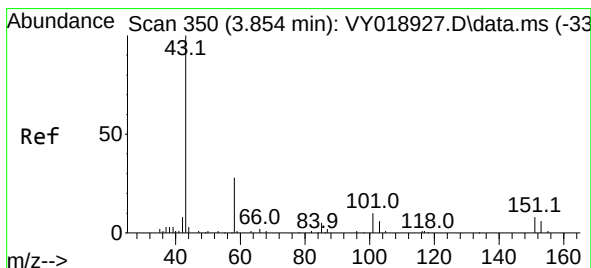
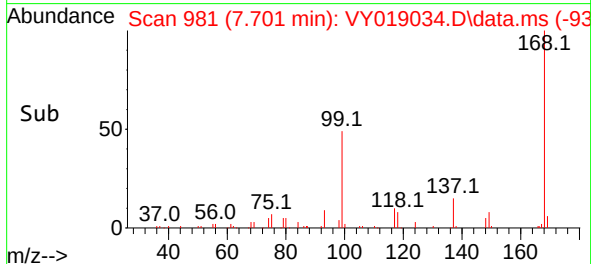
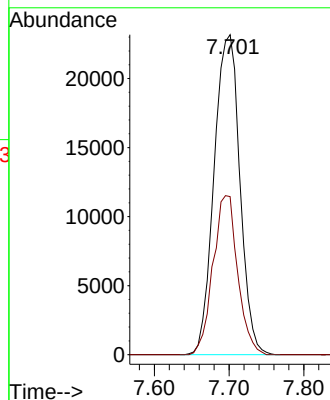
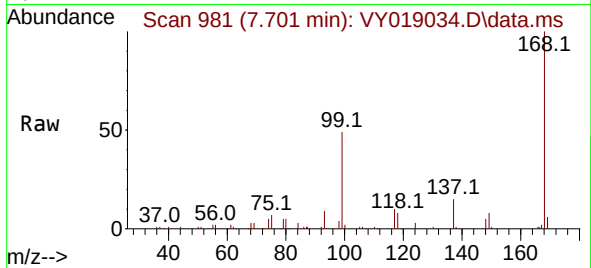




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019034.D
Acq: 13 Aug 2024 17:09

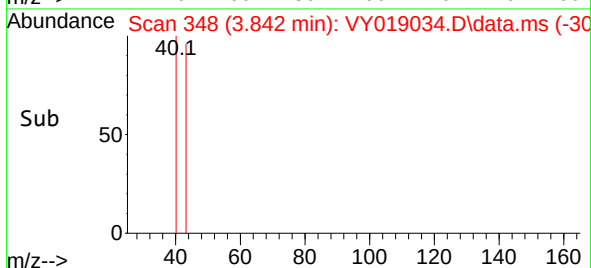
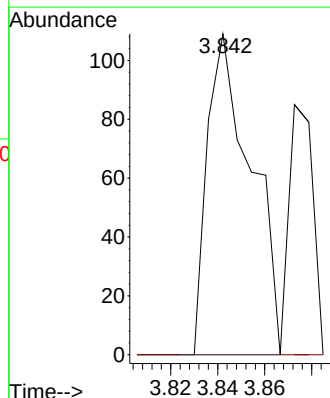
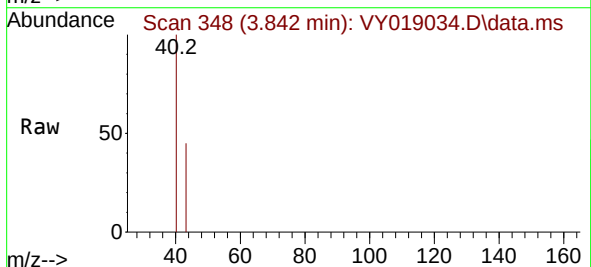
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-03-080624

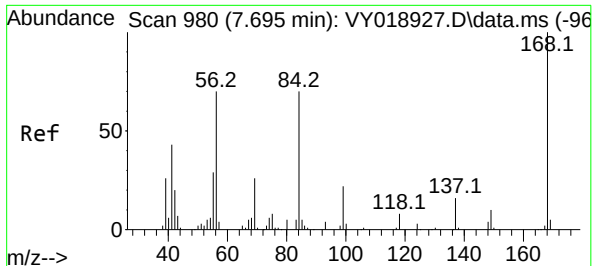
Tgt Ion:168 Resp: 55575
Ion Ratio Lower Upper
168 100
99 49.4 39.1 58.7



#16
Acetone
Concen: 13.587 ug/l
RT: 3.842 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY019034.D
Acq: 13 Aug 2024 17:09

Tgt Ion: 43 Resp: 141
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#

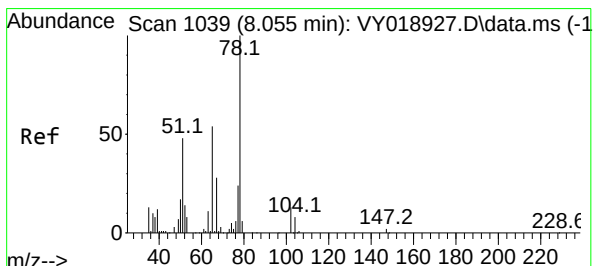
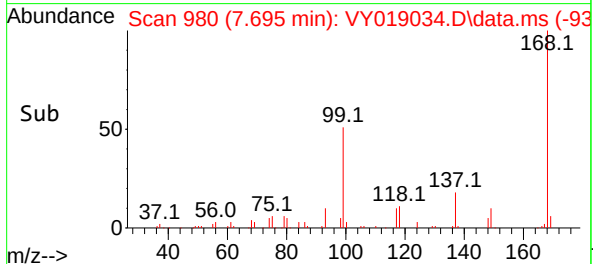
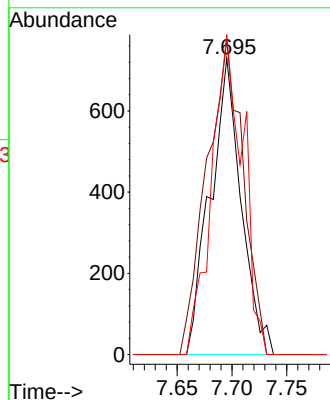
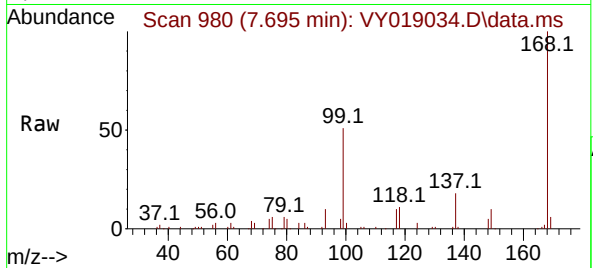




#31
Cyclohexane
Concen: Below Cal
RT: 7.695 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019034.D
Acq: 13 Aug 2024 17:09

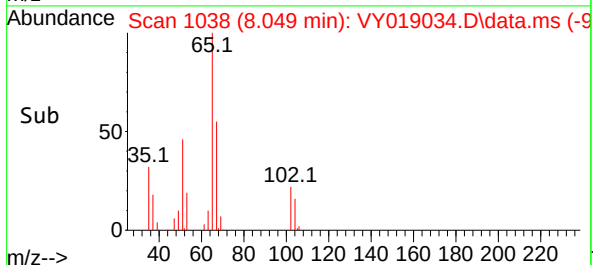
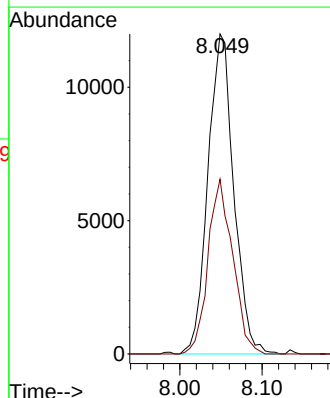
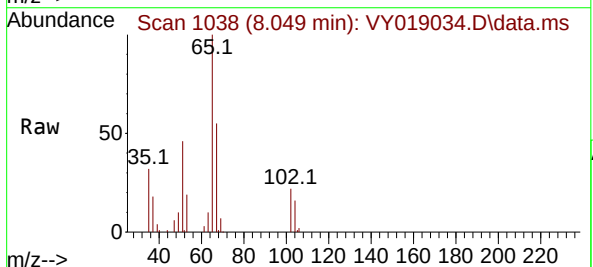
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-03-080624

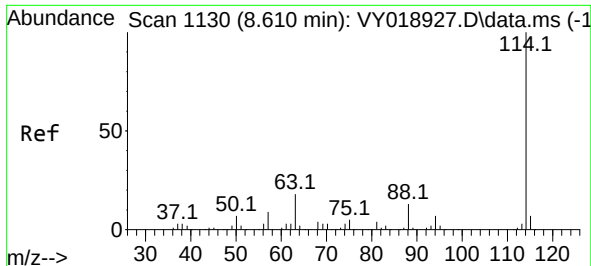
Tgt Ion: 56 Resp: 1435
Ion Ratio Lower Upper
56 100
69 106.0 28.7 43.1#
84 107.9 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 53.623 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY019034.D
Acq: 13 Aug 2024 17:09

Tgt Ion: 65 Resp: 26165
Ion Ratio Lower Upper
65 100
67 52.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.604 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VY019034.D

Acq: 13 Aug 2024 17:09

Instrument :

MSVOA_Y

ClientSampleId :

OU4-CF-03-080624

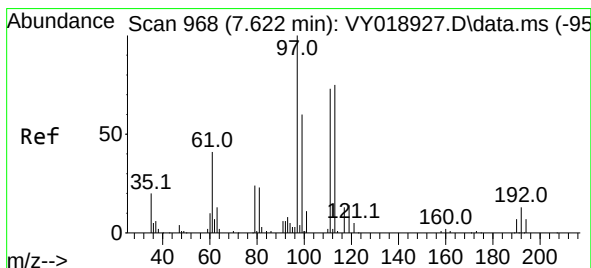
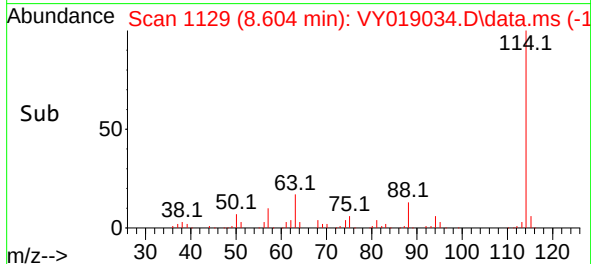
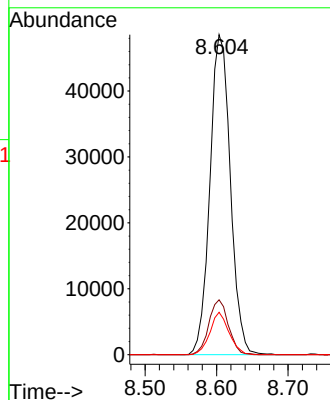
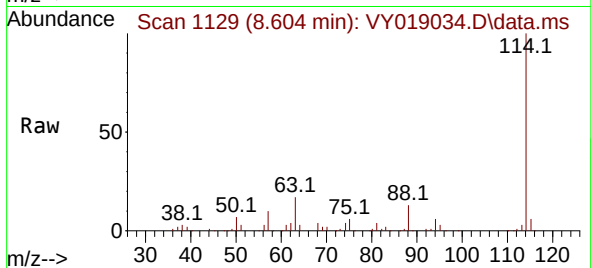
Tgt Ion:114 Resp: 96352

Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

88 13.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.451 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019034.D

Acq: 13 Aug 2024 17:09

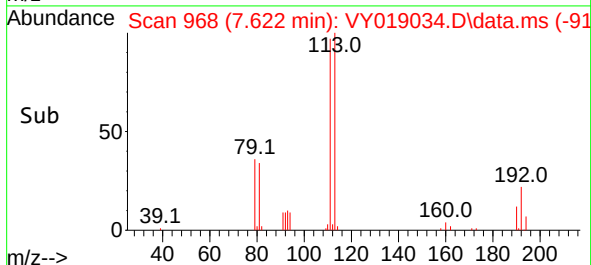
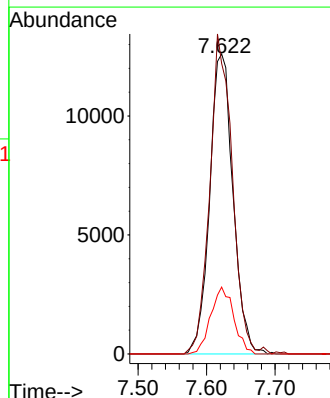
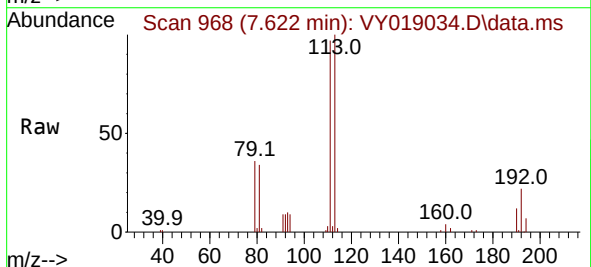
Tgt Ion:113 Resp: 29816

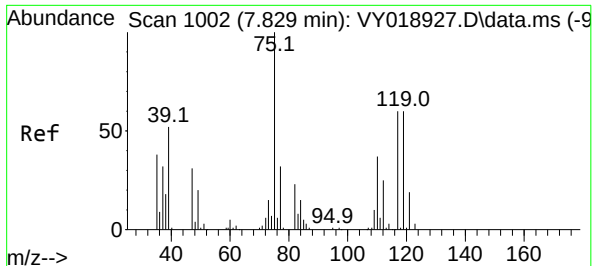
Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.4

192 22.0 15.9 23.9

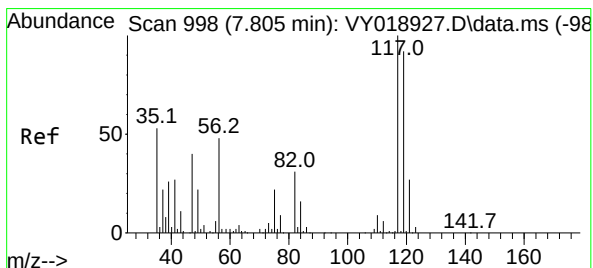
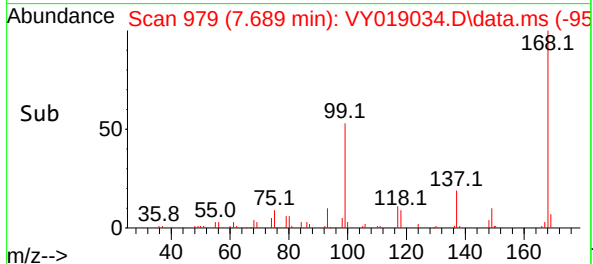
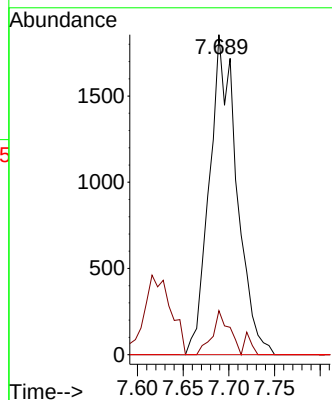
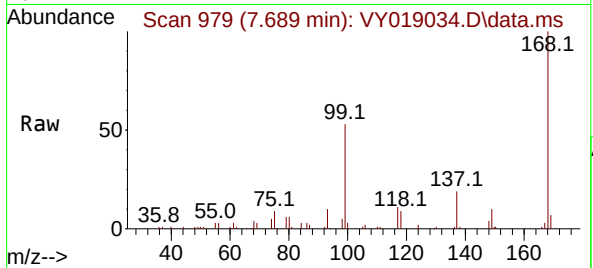




#36
 1,1-Dichloropropene
 Concen: 4.695 ug/l
 RT: 7.689 min Scan# 91
 Delta R.T. -0.140 min
 Lab File: VY019034.D
 Acq: 13 Aug 2024 17:09

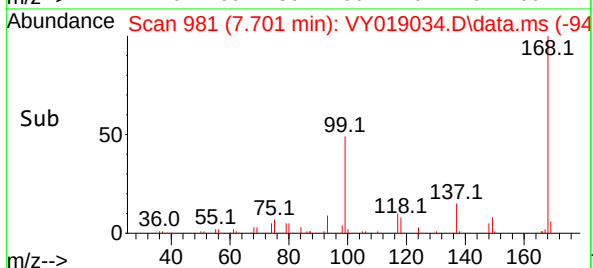
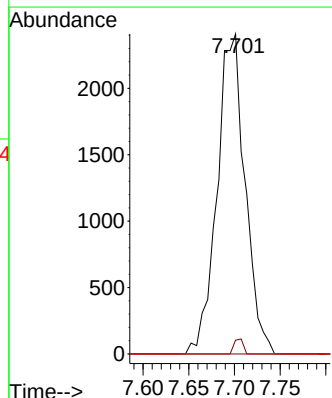
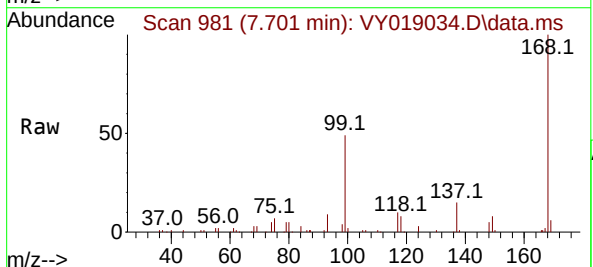
Instrument :
 MSVOA_Y
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 OU4-CF-03-080624

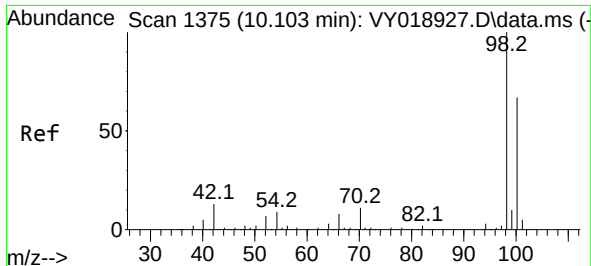
Tgt Ion: 75 Resp: 3878
 Ion Ratio Lower Upper
 75 100
 110 8.5 19.0 57.0#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 5.427 ug/l
 RT: 7.701 min Scan# 981
 Delta R.T. -0.104 min
 Lab File: VY019034.D
 Acq: 13 Aug 2024 17:09

Tgt Ion: 117 Resp: 5140
 Ion Ratio Lower Upper
 117 100
 119 4.3 75.8 113.6#
 121 0.0 24.0 36.0#

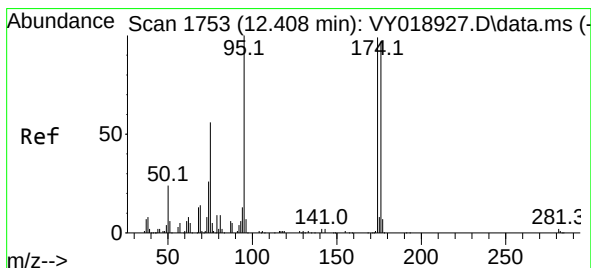
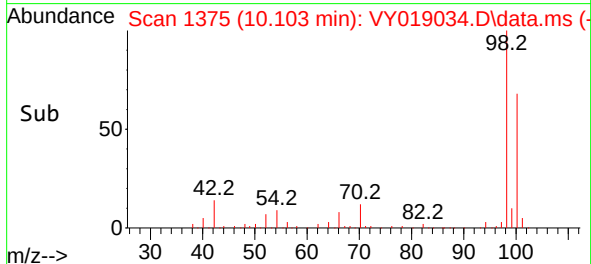
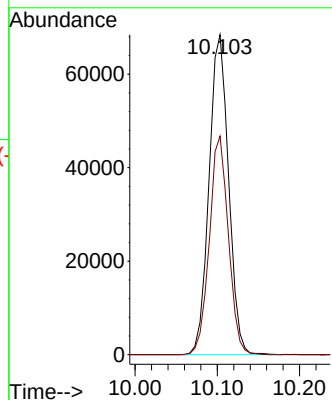
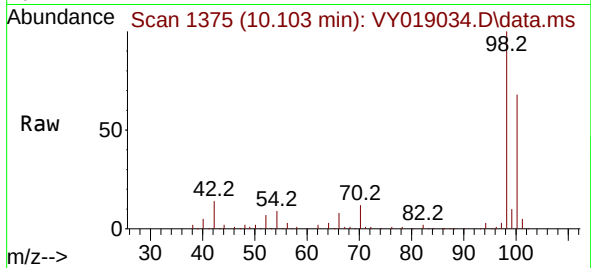




#50
Toluene-d8
Concen: 47.728 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019034.D
Acq: 13 Aug 2024 17:09

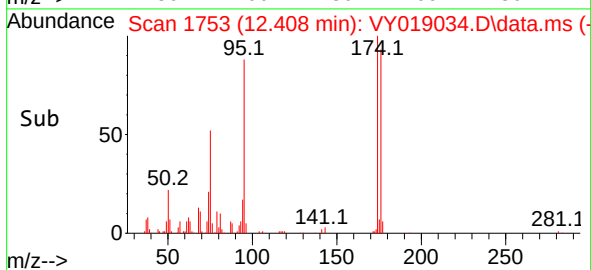
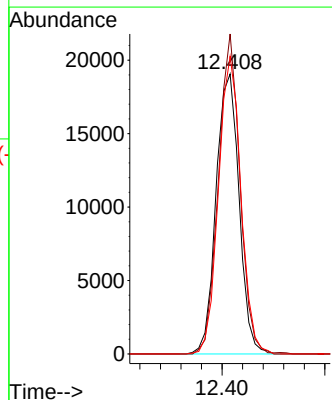
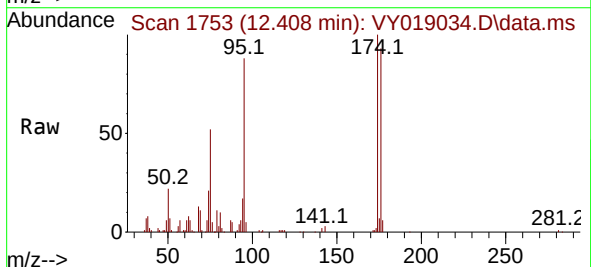
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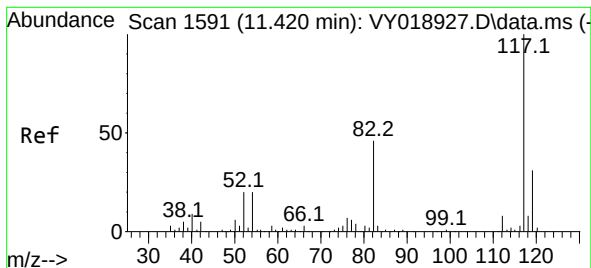
Tgt Ion: 98 Resp: 112816
Ion Ratio Lower Upper
98 100
100 66.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.151 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019034.D
Acq: 13 Aug 2024 17:09

Tgt Ion: 95 Resp: 29559
Ion Ratio Lower Upper
95 100
174 107.0 0.0 175.6
176 103.7 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: VY019034.D

Acq: 13 Aug 2024 17:09

Instrument :

MSVOA_Y

ClientSampleId :

OU4-CF-03-080624

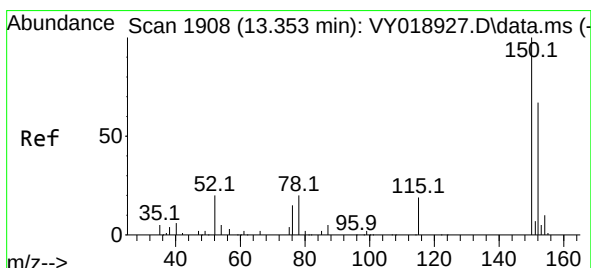
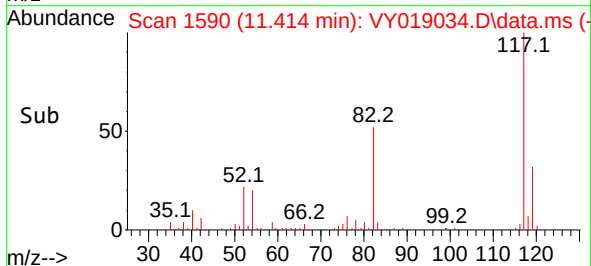
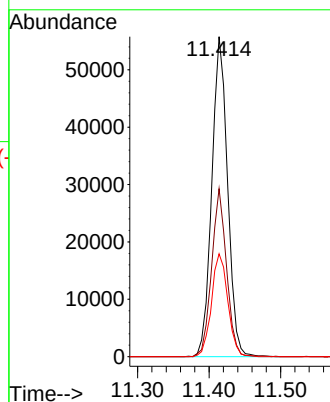
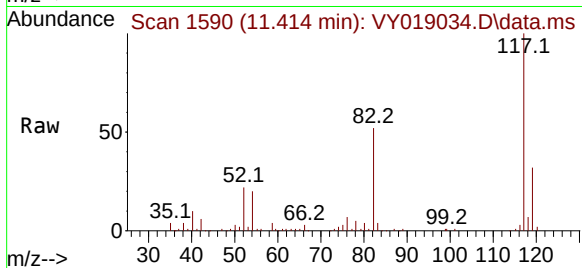
Tgt Ion:117 Resp: 85299

Ion Ratio Lower Upper

117 100

82 52.5 42.4 63.6

119 32.1 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY019034.D

Acq: 13 Aug 2024 17:09

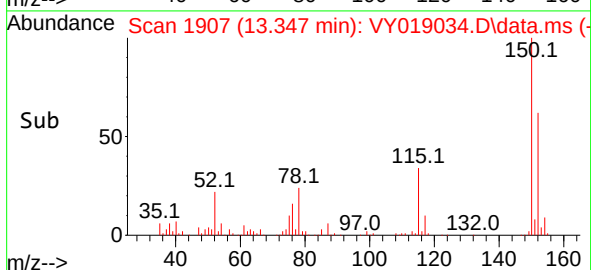
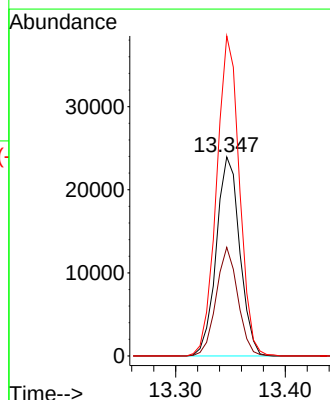
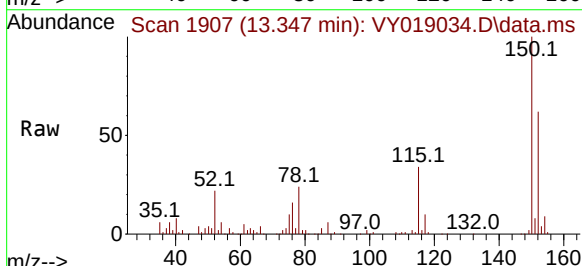
Tgt Ion:152 Resp: 35669

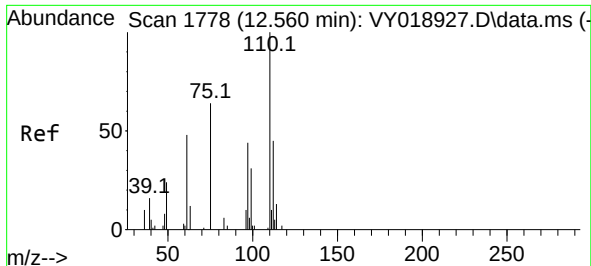
Ion Ratio Lower Upper

152 100

115 50.5 28.2 84.7

150 156.4 0.0 345.6

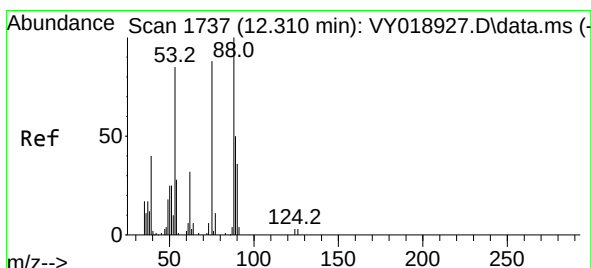
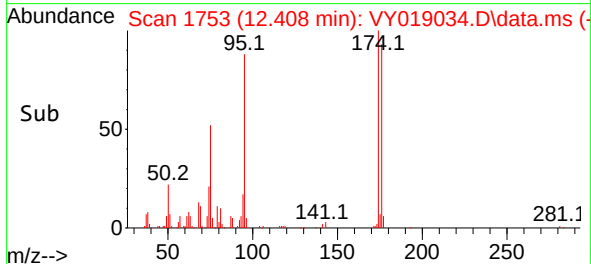
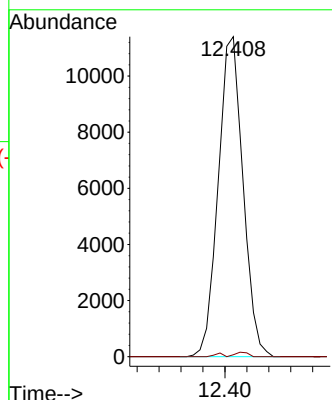
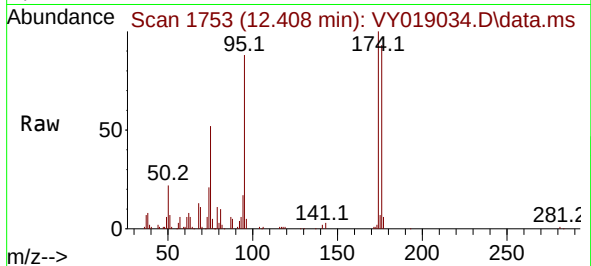




#76
1,2,3-Trichloropropane
Concen: 67.358 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY019034.D
Acq: 13 Aug 2024 17:09

Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-03-080624

Tgt Ion: 75 Resp: 17899
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 138.798 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.098 min
Lab File: VY019034.D
Acq: 13 Aug 2024 17:09

Tgt Ion: 75 Resp: 17899
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

