

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080924\
 Data File : VY018967.D
 Acq On : 09 Aug 2024 15:12
 Operator : SY/MD
 Sample : P3518-11
 Misc : 4.78g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-06-080724RE

Quant Time: Aug 09 23:27:38 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)

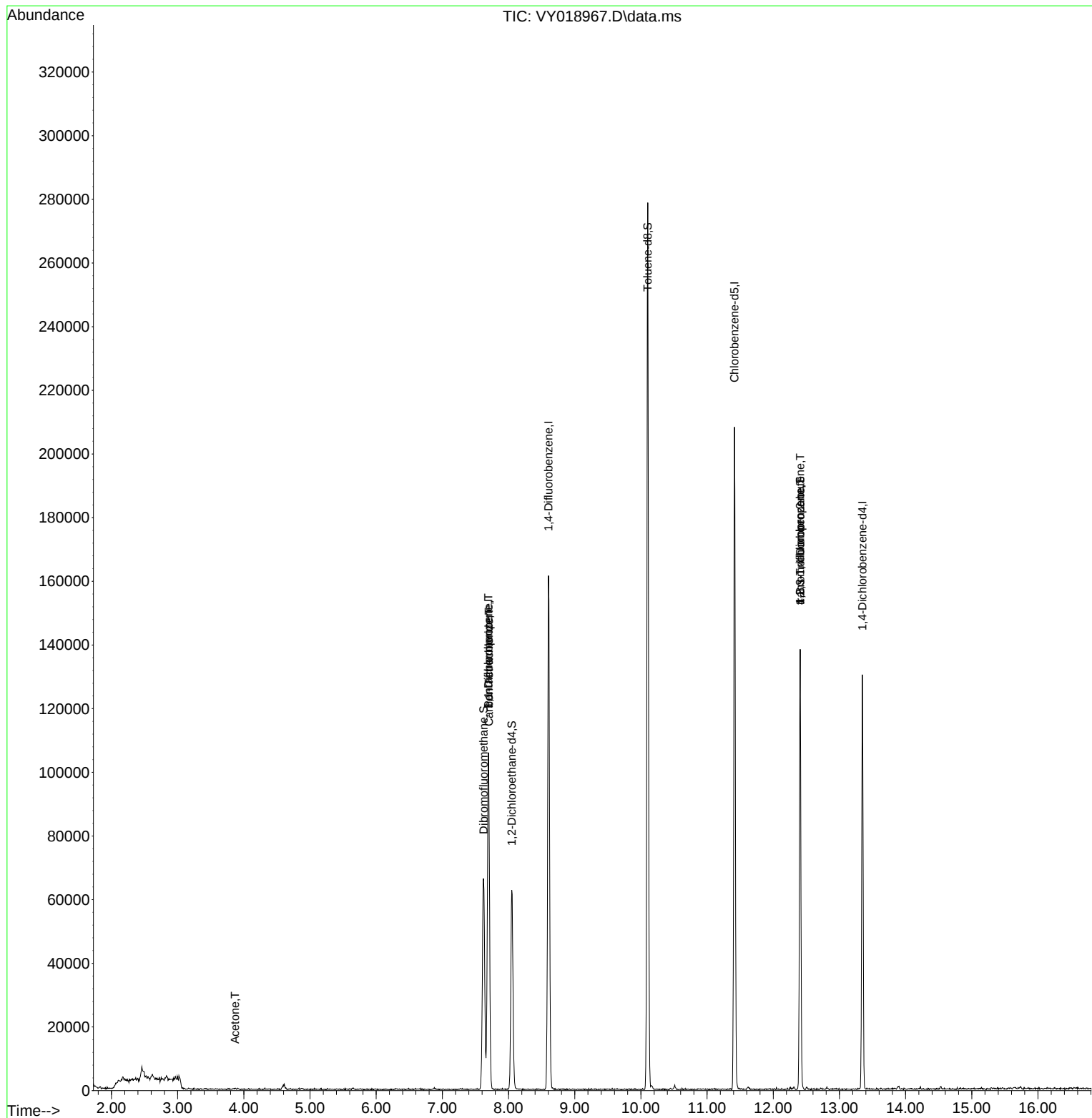
Internal Standards						
1) Pentafluorobenzene	7.695	168	87169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	138063	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	102450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	30568	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	39591	51.730	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.460%			
35) Dibromofluoromethane	7.622	113	44380	50.329	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.660%			
50) Toluene-d8	10.103	98	167835	49.553	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.100%			
62) 4-Bromofluorobenzene	12.407	95	34255	34.090	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 68.180%			
Target Compounds						
3) Chloromethane	2.074	50	157	Below Cal	#	43
16) Acetone	3.866	43	397	14.431	ug/l #	36
20) Methylene Chloride	4.604	84	756	Below Cal	#	86
31) Cyclohexane	7.689	56	2149	Below Cal	#	51
36) 1,1-Dichloropropene	7.695	75	6487	5.480	ug/l #	44
38) Carbon Tetrachloride	7.701	117	7577	5.583	ug/l #	14
41) Methacrylonitrile	7.244	41	41	Below Cal	#	15
76) 1,2,3-Trichloropropane	12.407	75	19479	85.537	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	19479	176.256	ug/l #	16

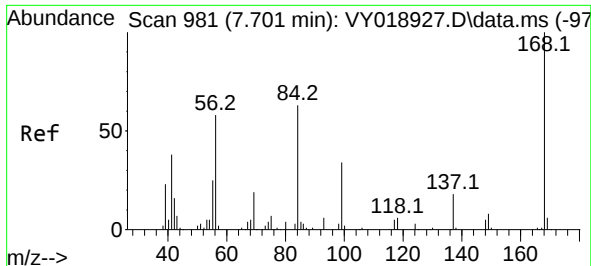
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

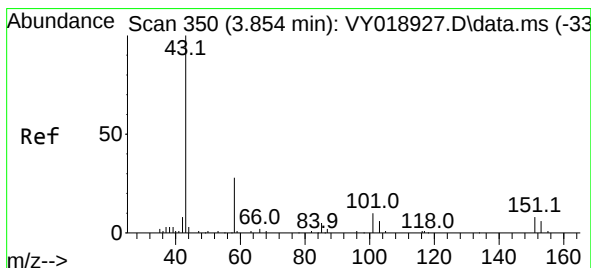
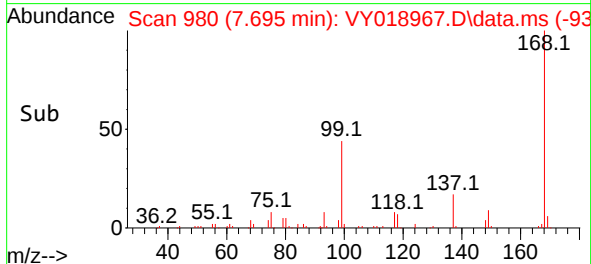
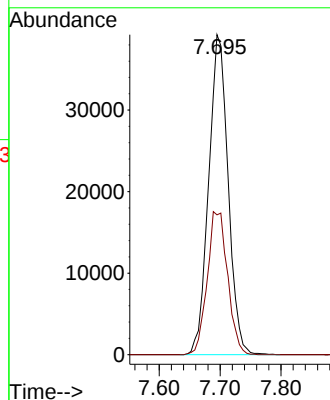
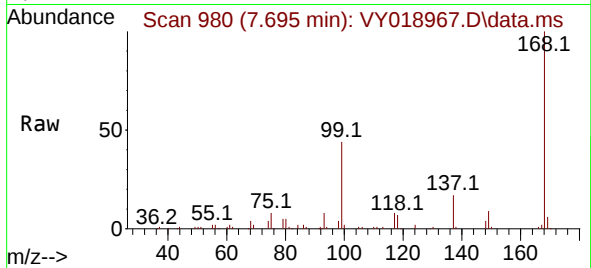




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018967.D
Acq: 09 Aug 2024 15:12

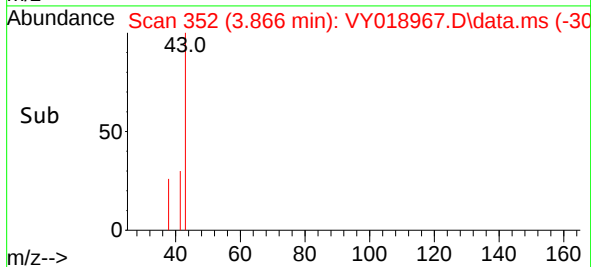
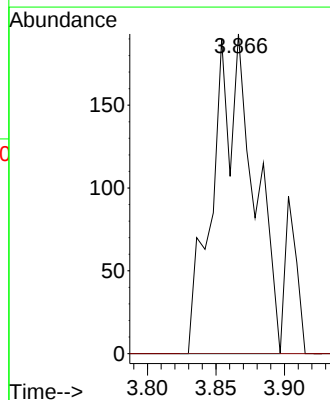
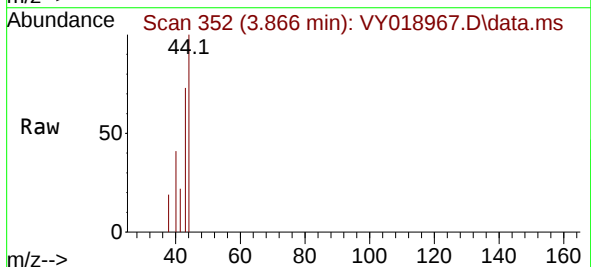
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-06-080724RE

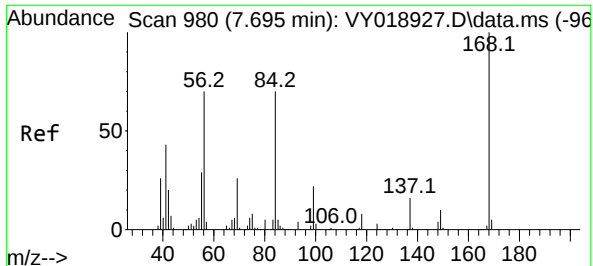
Tgt Ion:168 Resp: 87169
Ion Ratio Lower Upper
168 100
99 43.7 39.1 58.7



#16
Acetone
Concen: 14.431 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY018967.D
Acq: 09 Aug 2024 15:12

Tgt Ion: 43 Resp: 397
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#

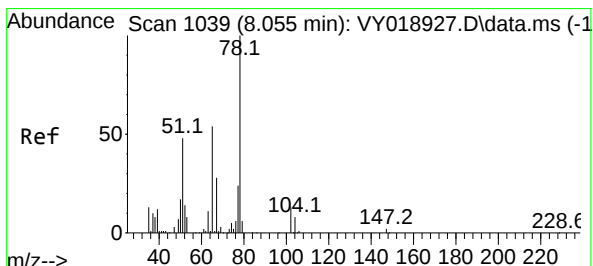
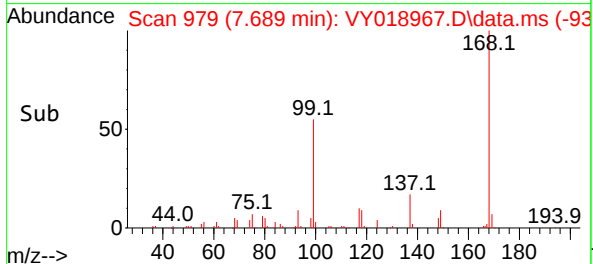
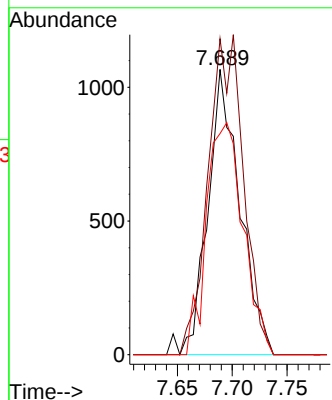
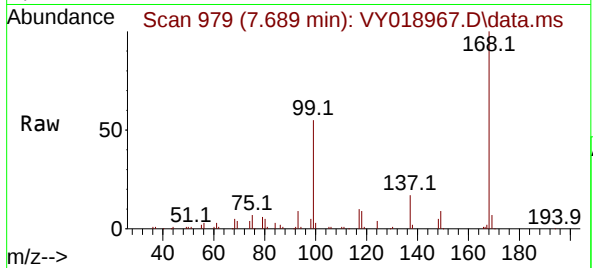




#31
Cyclohexane
Concen: Below Cal
RT: 7.689 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018967.D
Acq: 09 Aug 2024 15:12

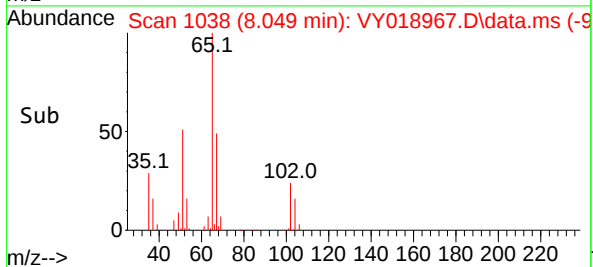
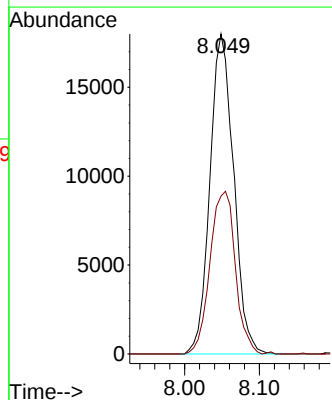
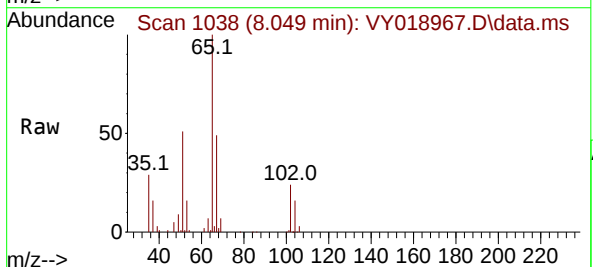
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-06-080724RE

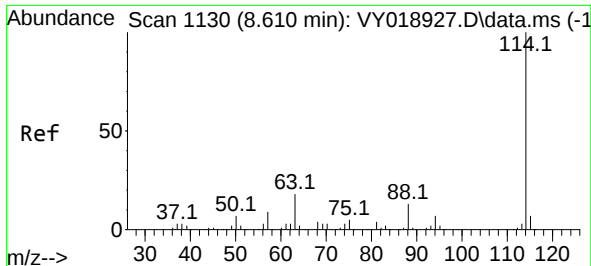
Tgt Ion: 56 Resp: 2149
Ion Ratio Lower Upper
56 100
69 110.8 28.7 43.1#
84 77.5 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 51.730 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY018967.D
Acq: 09 Aug 2024 15:12

Tgt Ion: 65 Resp: 39591
Ion Ratio Lower Upper
65 100
67 54.3 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: VY018967.D

Acq: 09 Aug 2024 15:12

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-06-080724RE

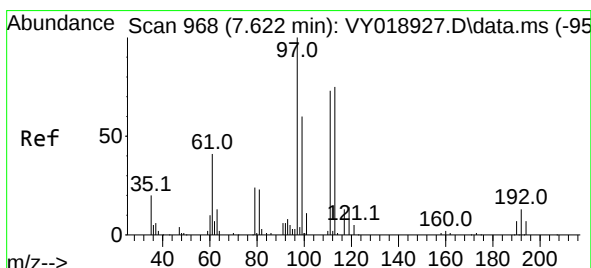
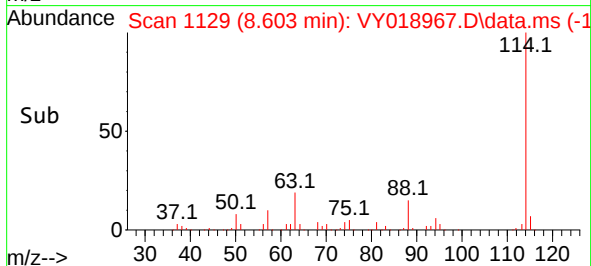
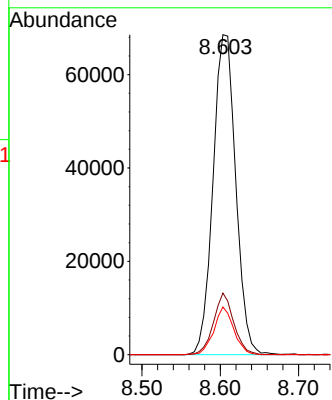
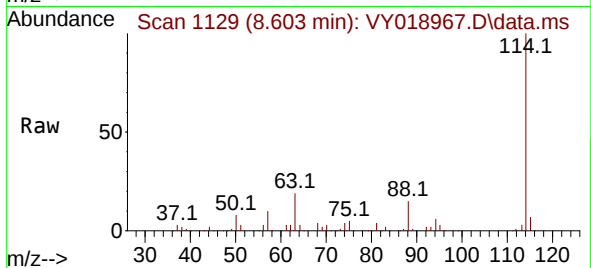
Tgt Ion:114 Resp: 138063

Ion Ratio Lower Upper

114 100

63 19.3 0.0 35.0

88 14.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.329 ug/l

RT: 7.622 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY018967.D

Acq: 09 Aug 2024 15:12

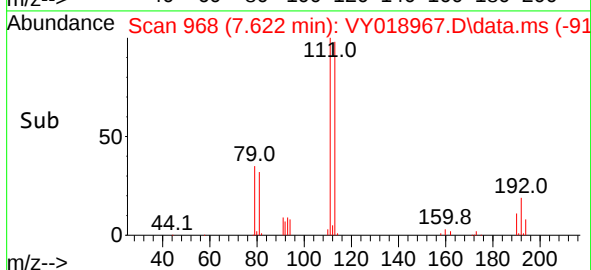
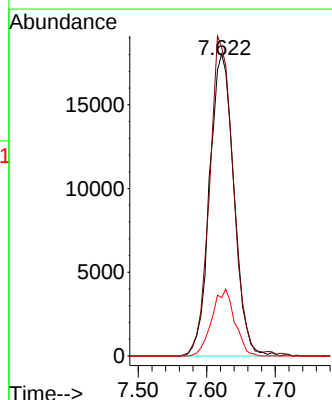
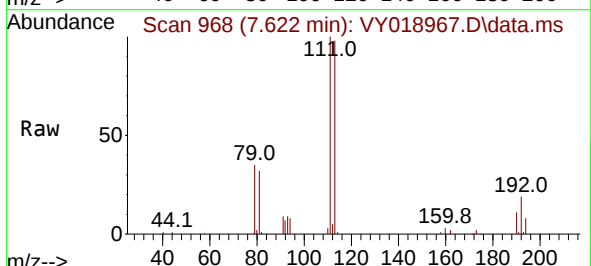
Tgt Ion:113 Resp: 44380

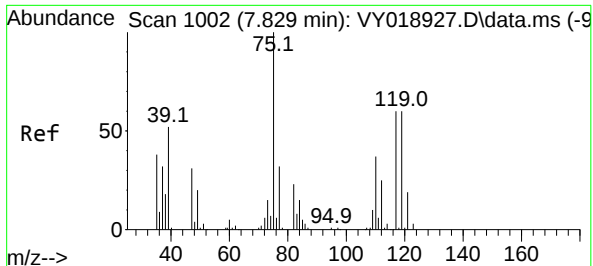
Ion Ratio Lower Upper

113 100

111 103.9 82.2 123.4

192 20.9 15.9 23.9

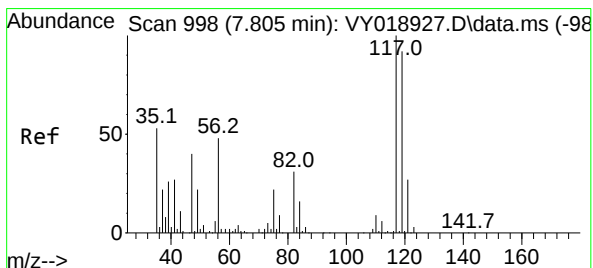
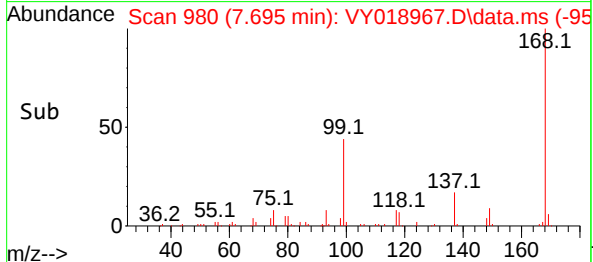
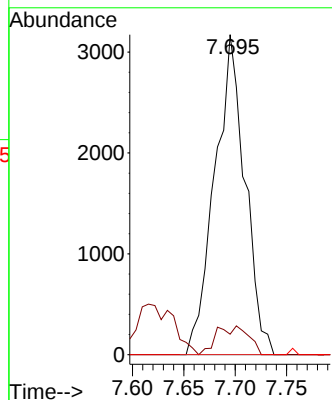
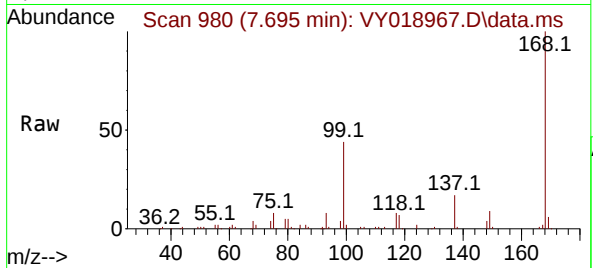




#36
1,1-Dichloropropene
Concen: 5.480 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY018967.D
Acq: 09 Aug 2024 15:12

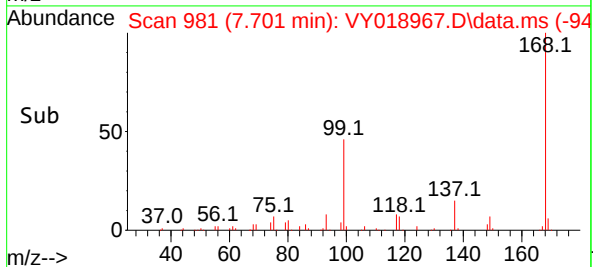
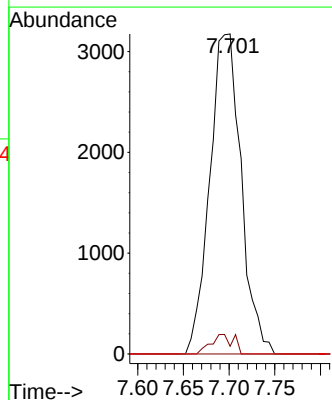
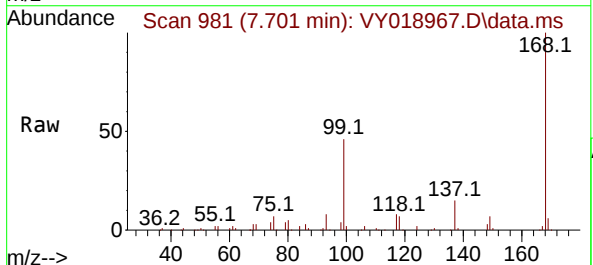
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-06-080724RE

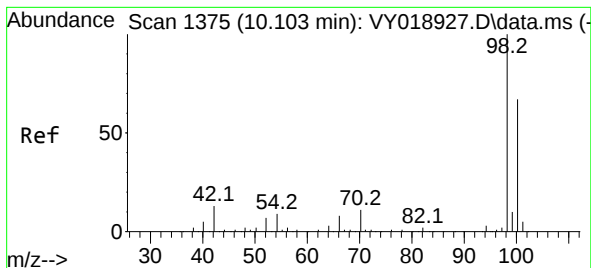
Tgt Ion: 75 Resp: 6487
Ion Ratio Lower Upper
75 100
110 4.8 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.583 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY018967.D
Acq: 09 Aug 2024 15:12

Tgt Ion: 117 Resp: 7577
Ion Ratio Lower Upper
117 100
119 2.4 75.8 113.6#
121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 49.553 ug/l

RT: 10.103 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018967.D

Acq: 09 Aug 2024 15:12

Instrument :

MSVOA_Y

ClientSampleId :

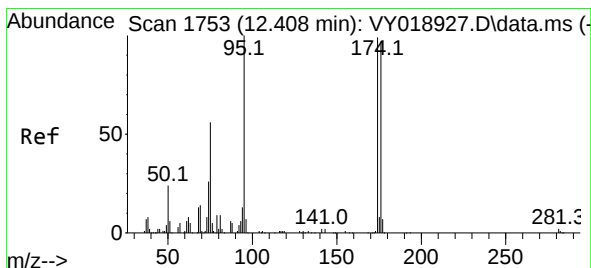
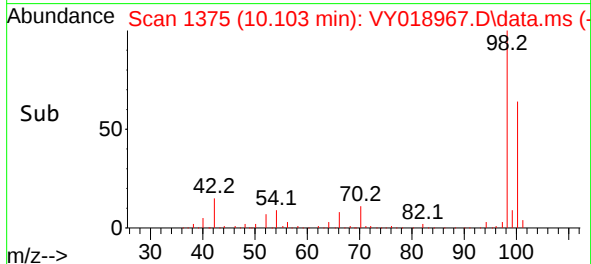
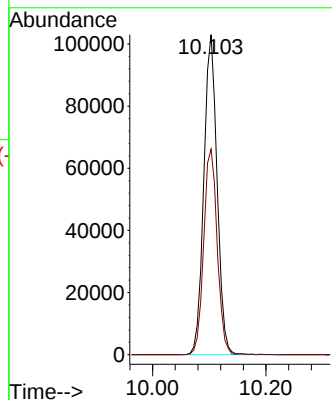
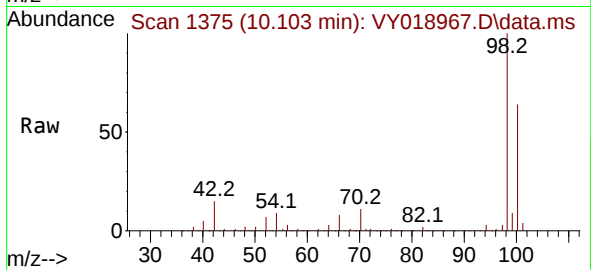
OU4-TS-06-080724RE

Tgt Ion: 98 Resp: 167835

Ion Ratio Lower Upper

98 100

100 65.2 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 34.090 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.000 min

Lab File: VY018967.D

Acq: 09 Aug 2024 15:12

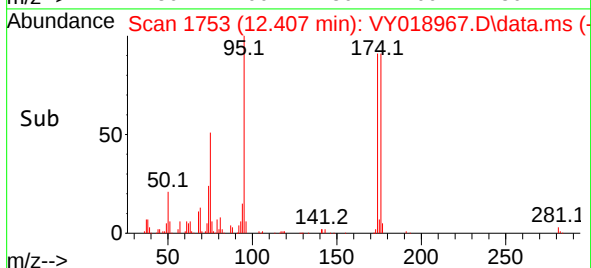
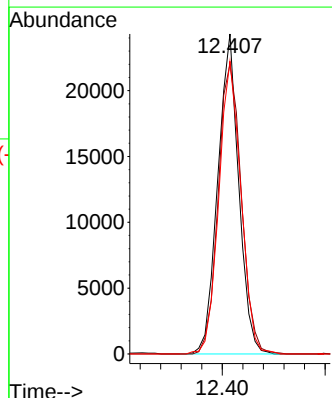
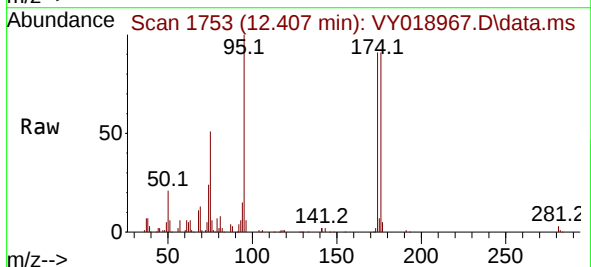
Tgt Ion: 95 Resp: 34255

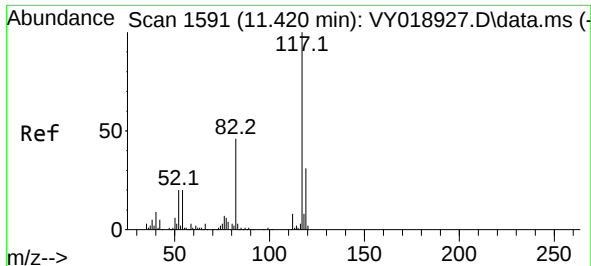
Ion Ratio Lower Upper

95 100

174 100.4 0.0 175.6

176 96.6 0.0 171.4

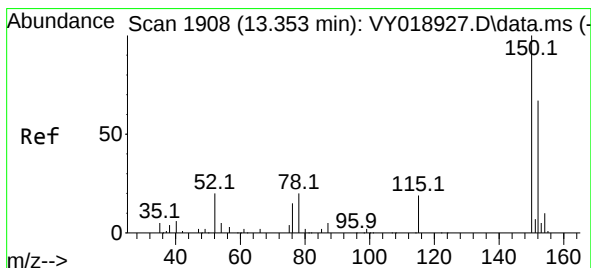
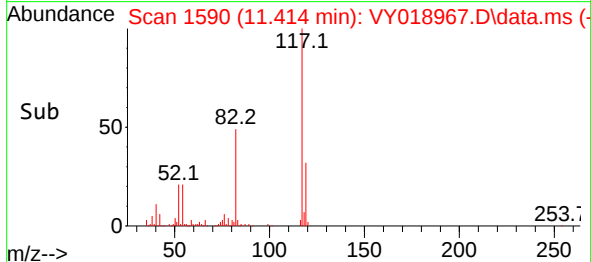
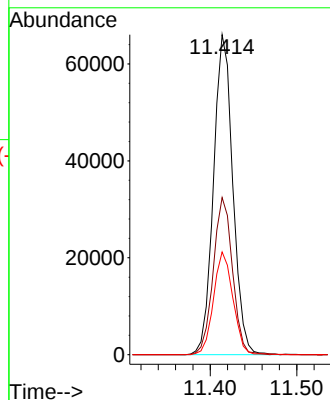
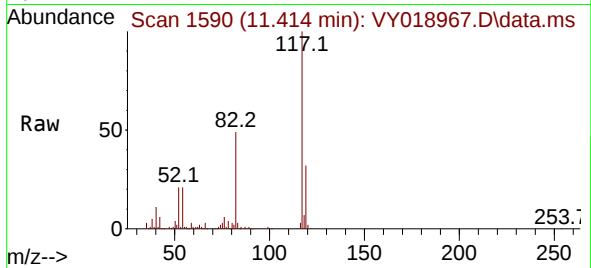




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018967.D
Acq: 09 Aug 2024 15:12

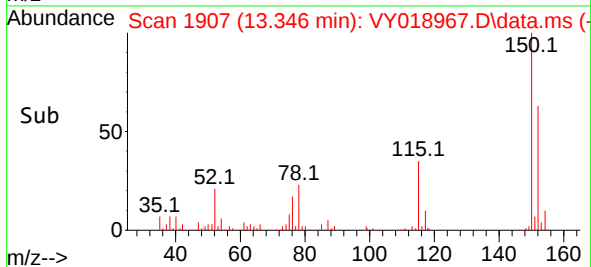
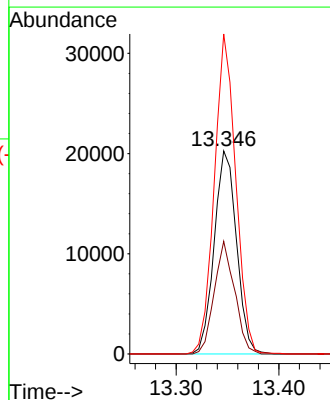
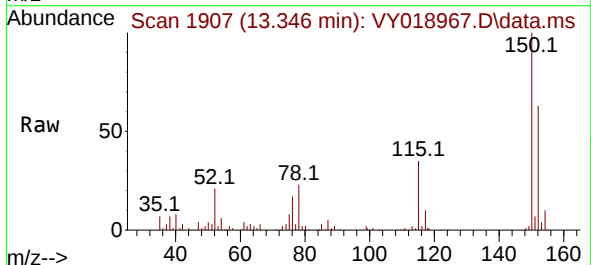
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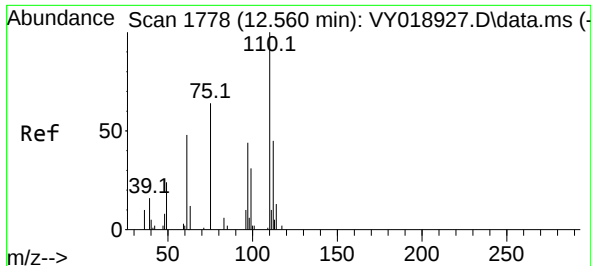
Tgt Ion:117 Resp: 102450
Ion Ratio Lower Upper
117 100
82 49.1 42.4 63.6
119 32.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY018967.D
Acq: 09 Aug 2024 15:12

Tgt Ion:152 Resp: 30568
Ion Ratio Lower Upper
152 100
115 50.7 28.2 84.7
150 151.4 0.0 345.6

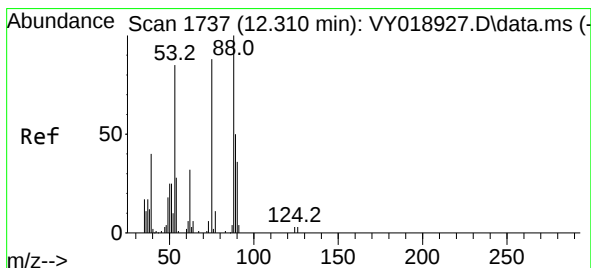
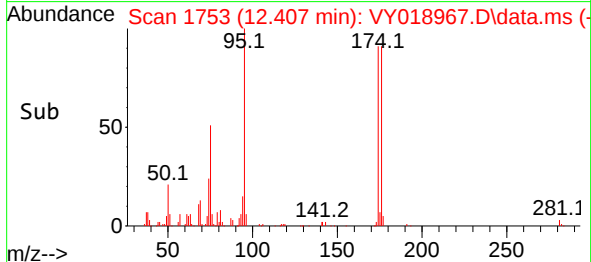
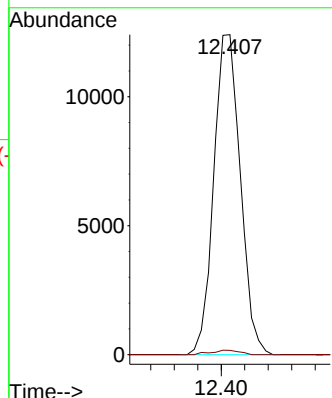
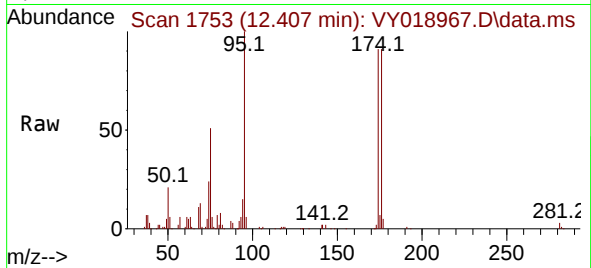




#76
1,2,3-Trichloropropane
Concen: 85.537 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.153 min
Lab File: VY018967.D
Acq: 09 Aug 2024 15:12

Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-06-080724RE

Tgt Ion: 75 Resp: 19479
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 176.256 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.097 min
Lab File: VY018967.D
Acq: 09 Aug 2024 15:12

Tgt Ion: 75 Resp: 19479
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.0 35.8 53.6#

