

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080924\
 Data File : VY018955.D
 Acq On : 09 Aug 2024 10:02
 Operator : SY/MD
 Sample : VY0809SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 09 23:22:21 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)

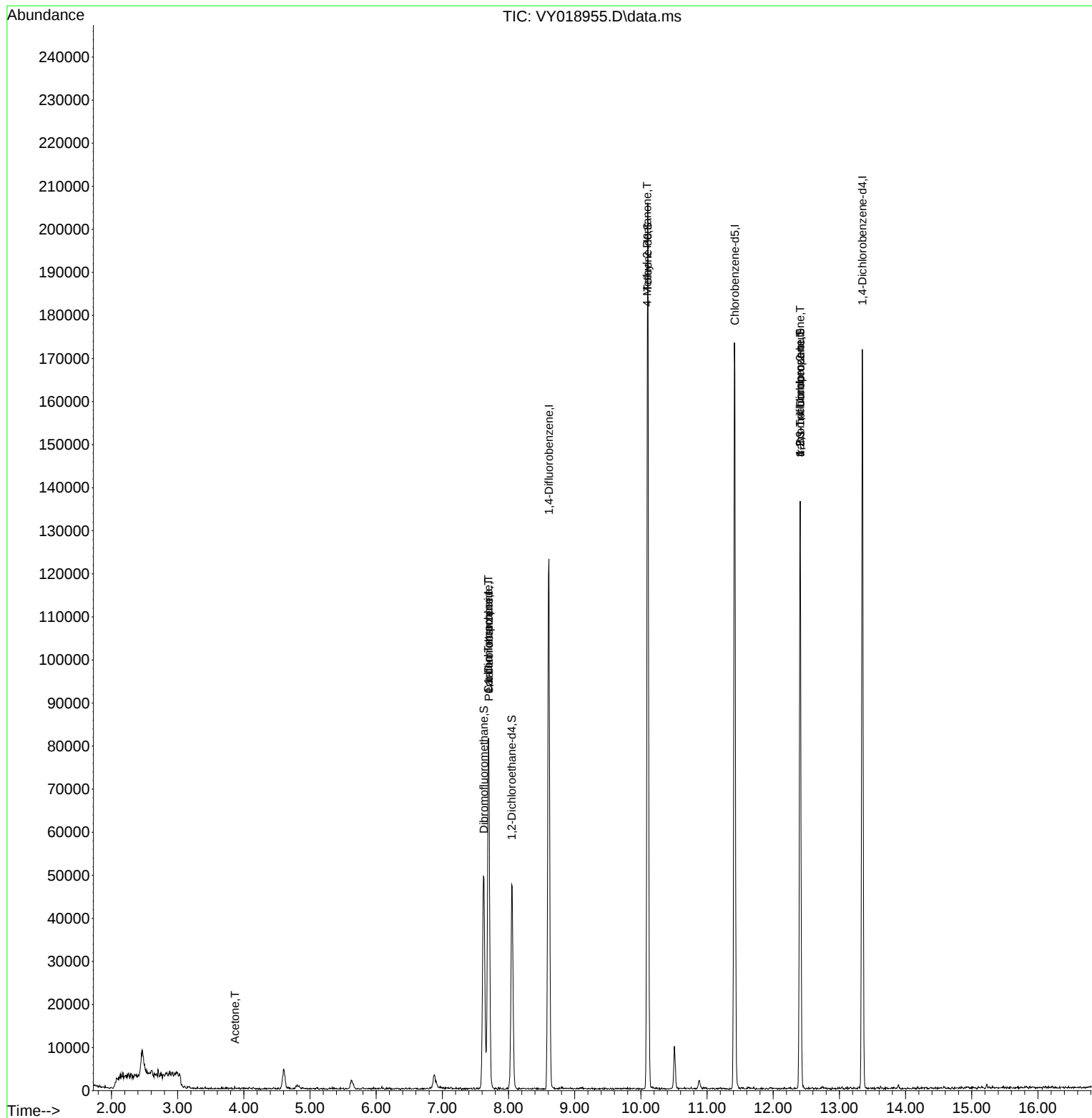
Internal Standards						
1) Pentafluorobenzene	7.701	168	65427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	103826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	87015	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	40992	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	28608	49.801	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.600%
35) Dibromofluoromethane	7.628	113	33260	50.157	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.320%
50) Toluene-d8	10.103	98	125305	49.195	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.400%
62) 4-Bromofluorobenzene	12.408	95	34547	45.717	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.440%
Target Compounds						
					Qvalue	
3) Chloromethane	2.062	50	29	Below Cal	#	43
11) Tert butyl alcohol	4.830	59	267	Below Cal	#	88
16) Acetone	3.866	43	113	13.249	ug/l #	36
20) Methylene Chloride	4.598	84	2592	Below Cal	#	81
31) Cyclohexane	7.689	56	1577	Below Cal	#	67
36) 1,1-Dichloropropene	7.695	75	4863	5.463	ug/l #	49
38) Carbon Tetrachloride	7.695	117	6087	5.964	ug/l #	18
41) Methacrylonitrile	7.122	41	65	Below Cal	#	15
51) 4-Methyl-2-Pentanone	10.097	43	871	2.041	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	19857	65.023	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	19857	133.986	ug/l #	16

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

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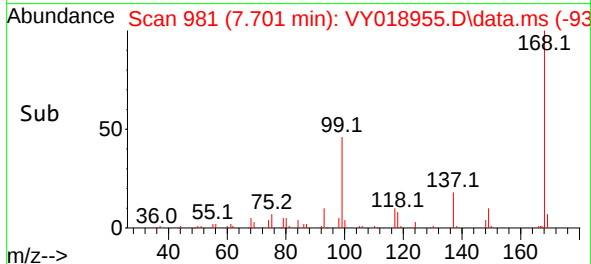
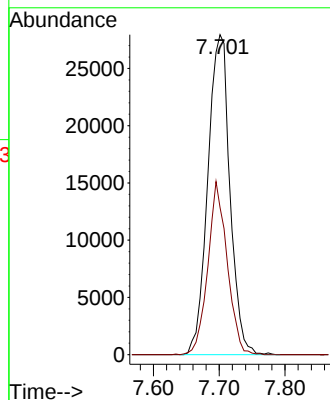
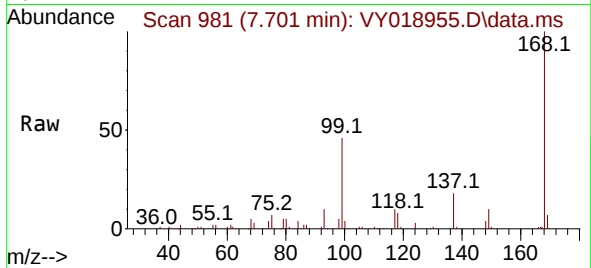




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018955.D
Acq: 09 Aug 2024 10:02

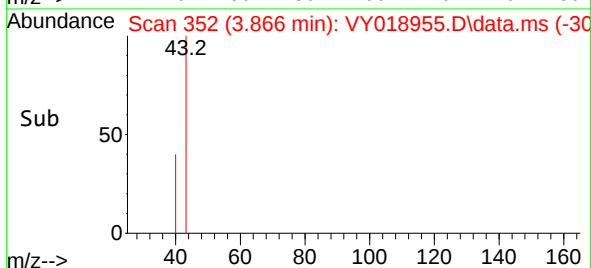
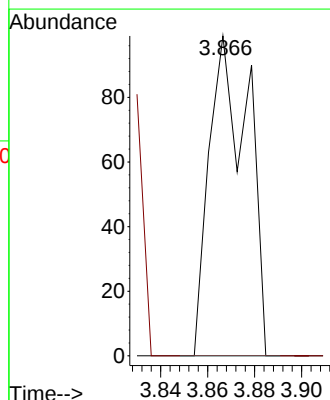
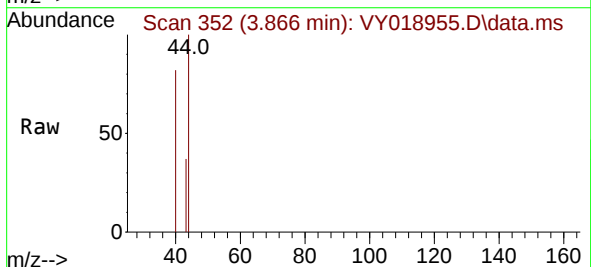
Instrument :
MSVOA_Y
ClientSampleId :

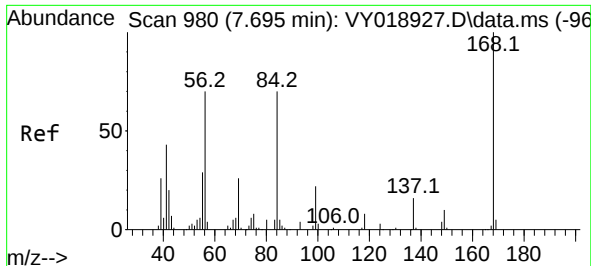
Tgt Ion:168 Resp: 65427
Ion Ratio Lower Upper
168 100
99 46.0 39.1 58.7



#16
Acetone
Concen: 13.249 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY018955.D
Acq: 09 Aug 2024 10:02

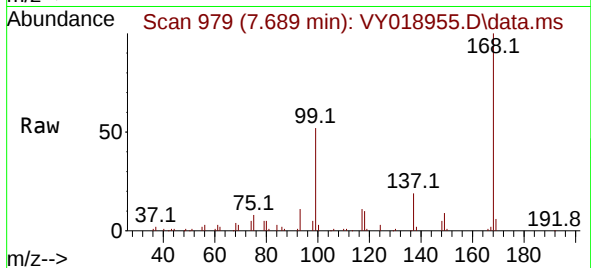
Tgt Ion: 43 Resp: 113
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



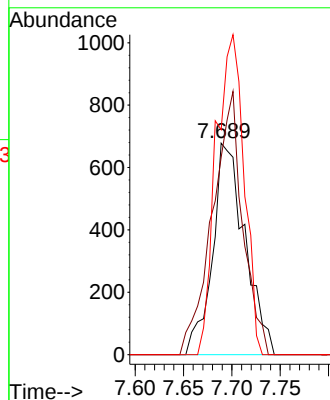
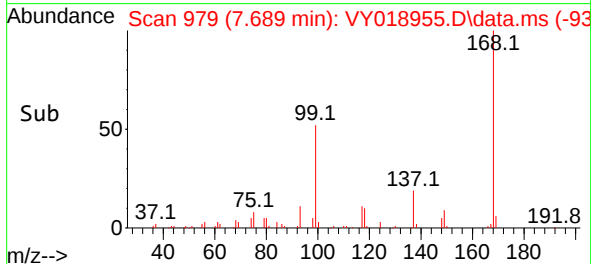


#31
Cyclohexane
Concen: Below Cal
RT: 7.689 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018955.D
Acq: 09 Aug 2024 10:02

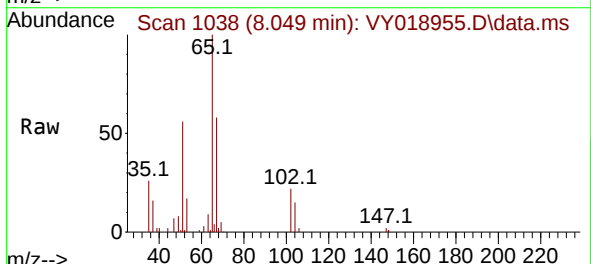
Instrument :
MSVOA_Y
ClientSampleId :



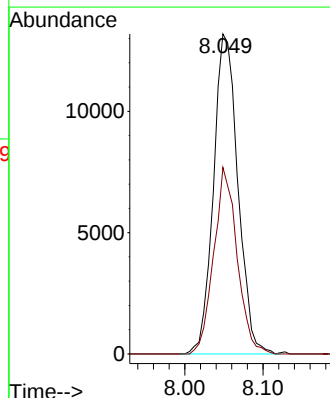
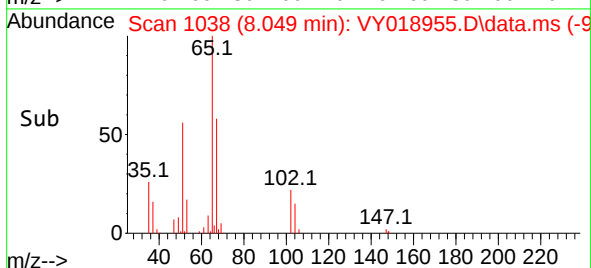
Tgt Ion: 56 Resp: 1577
Ion Ratio Lower Upper
56 100
69 93.4 28.7 43.1#
84 106.3 77.7 116.5

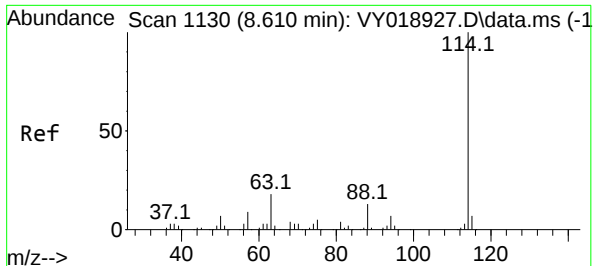


#33
1,2-Dichloroethane-d4
Concen: 49.801 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY018955.D
Acq: 09 Aug 2024 10:02



Tgt Ion: 65 Resp: 28608
Ion Ratio Lower Upper
65 100
67 55.8 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: VY018955.D

Acq: 09 Aug 2024 10:02

Instrument :

MSVOA_Y

ClientSampleId :

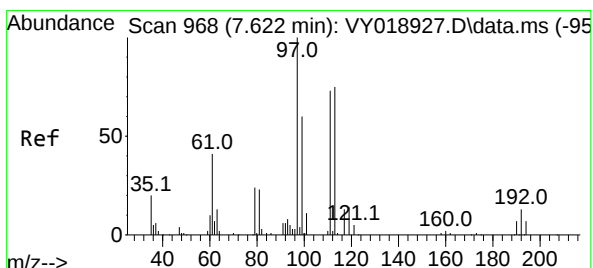
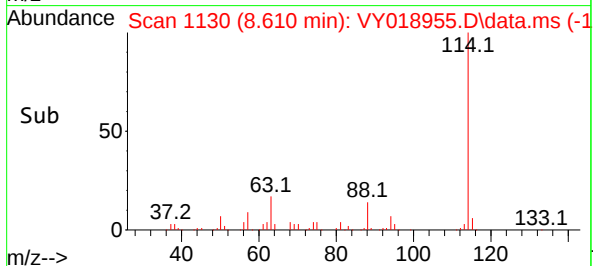
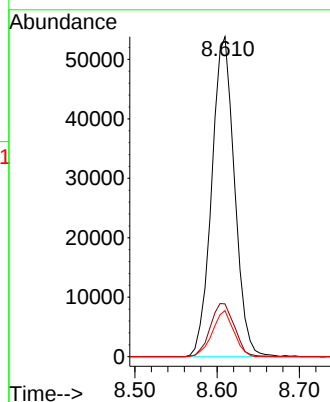
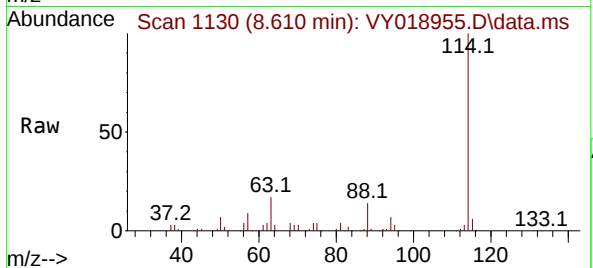
Tgt Ion:114 Resp: 103826

Ion Ratio Lower Upper

114 100

63 16.5 0.0 35.0

88 14.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.157 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY018955.D

Acq: 09 Aug 2024 10:02

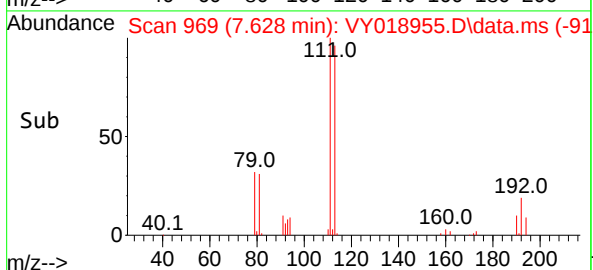
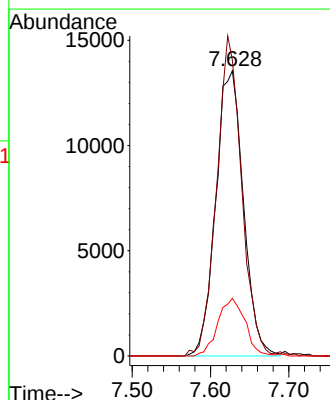
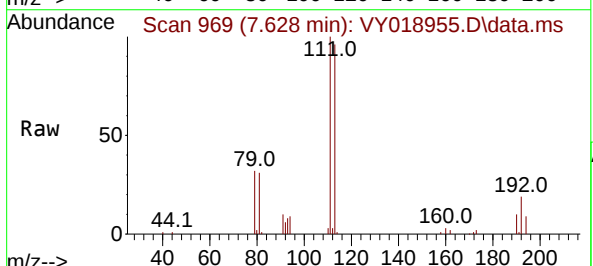
Tgt Ion:113 Resp: 33260

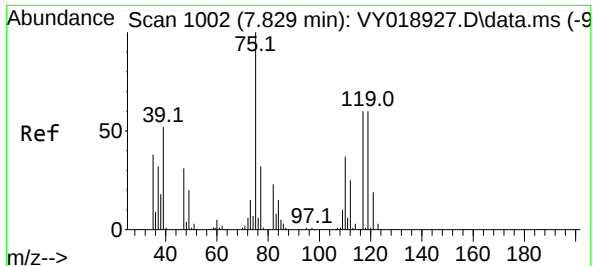
Ion Ratio Lower Upper

113 100

111 101.2 82.2 123.4

192 20.1 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.463 ug/l

RT: 7.695 min Scan# 980

Delta R.T. -0.134 min

Lab File: VY018955.D

Acq: 09 Aug 2024 10:02

Instrument :

MSVOA_Y

ClientSampleId :

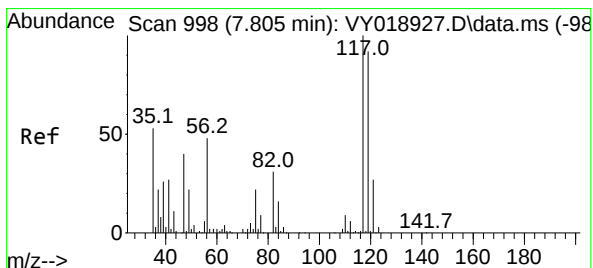
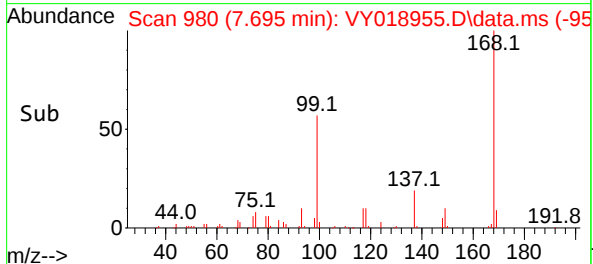
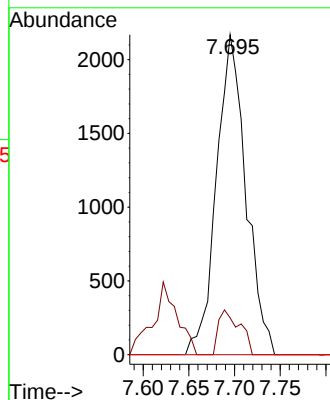
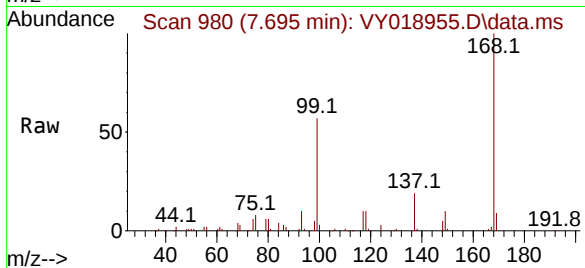
Tgt Ion: 75 Resp: 4863

Ion Ratio Lower Upper

75 100

110 10.1 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.964 ug/l

RT: 7.695 min Scan# 980

Delta R.T. -0.110 min

Lab File: VY018955.D

Acq: 09 Aug 2024 10:02

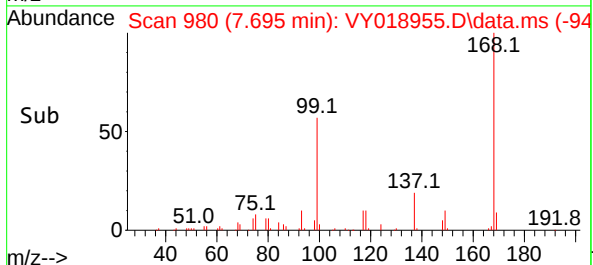
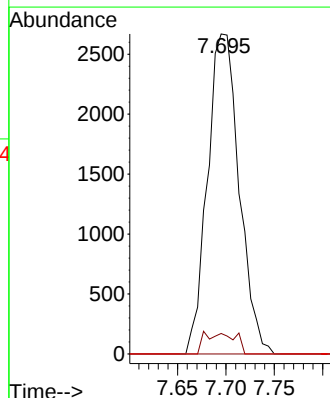
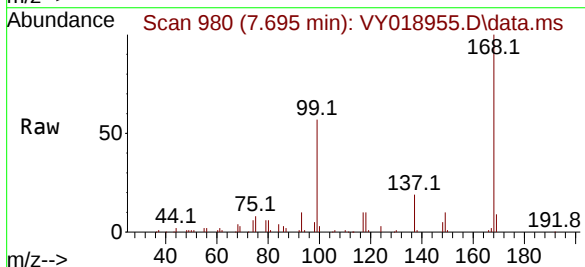
Tgt Ion: 117 Resp: 6087

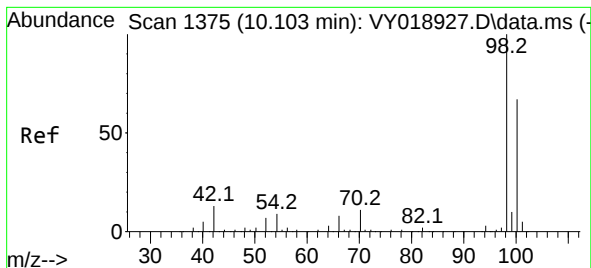
Ion Ratio Lower Upper

117 100

119 6.4 75.8 113.6#

121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 49.195 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY018955.D

Acq: 09 Aug 2024 10:02

Instrument :

MSVOA_Y

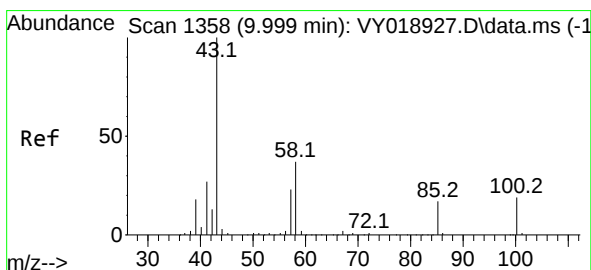
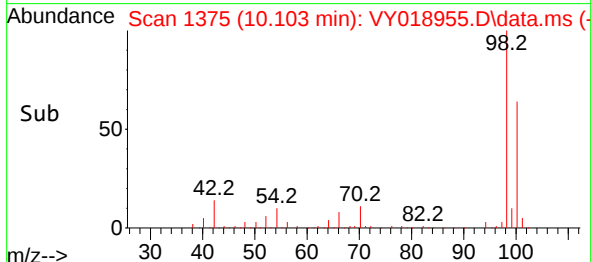
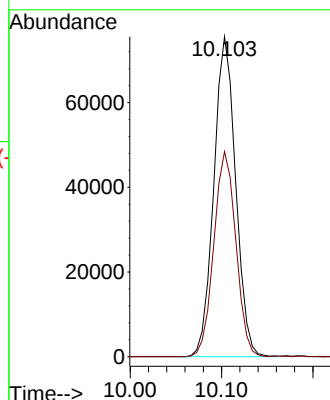
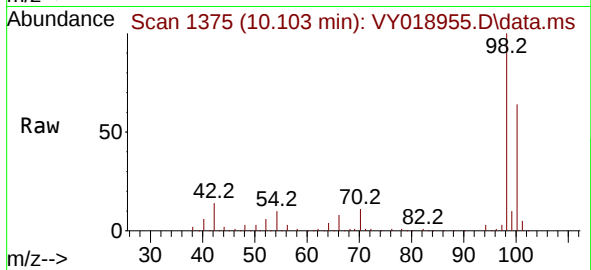
ClientSampleId :

Tgt Ion: 98 Resp: 125305

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 2.041 ug/l

RT: 10.097 min Scan# 1374

Delta R.T. 0.098 min

Lab File: VY018955.D

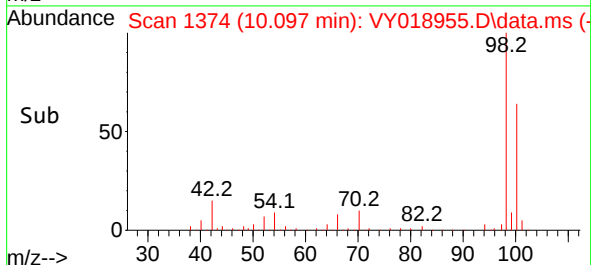
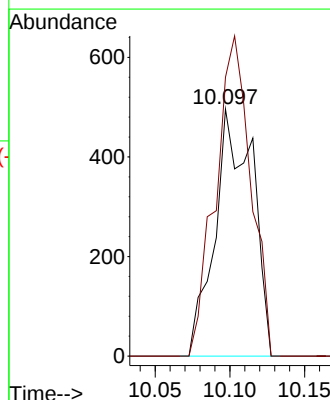
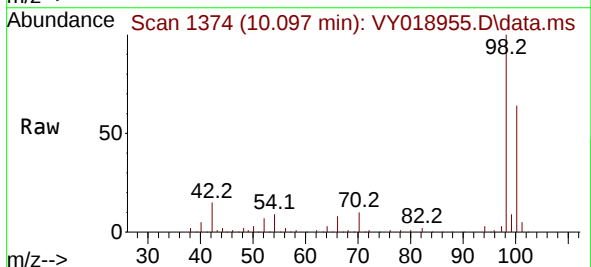
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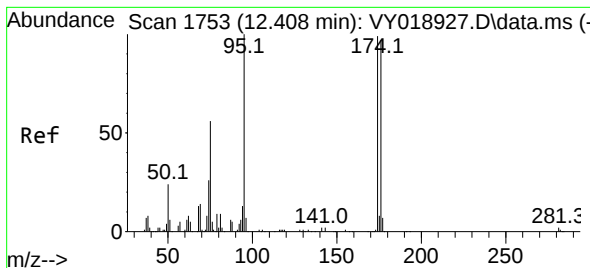
Tgt Ion: 43 Resp: 871

Ion Ratio Lower Upper

43 100

58 121.0 35.7 53.5#

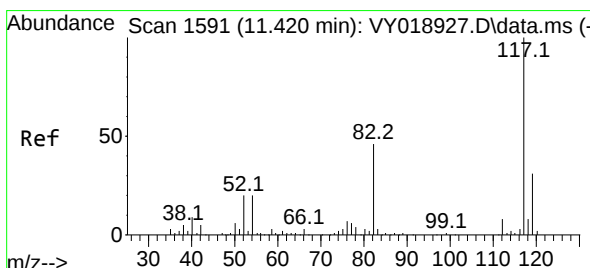
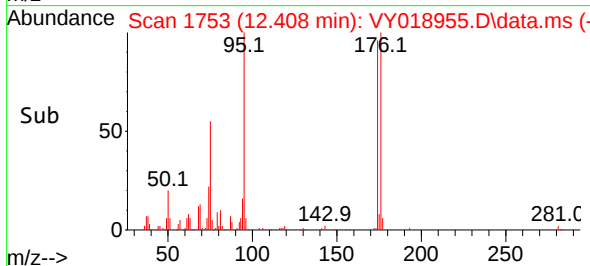
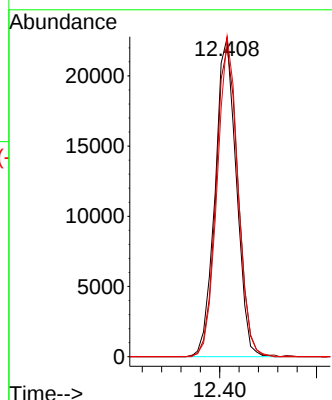
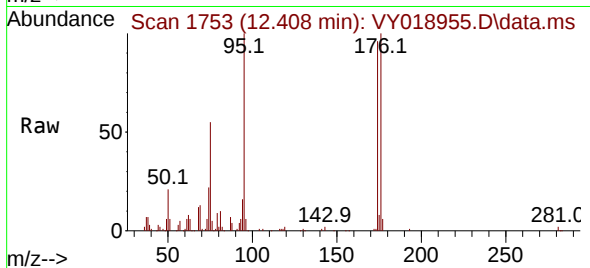




#62
4-Bromofluorobenzene
Concen: 45.717 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY018955.D
Acq: 09 Aug 2024 10:02

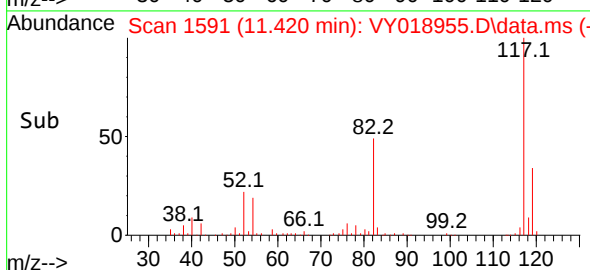
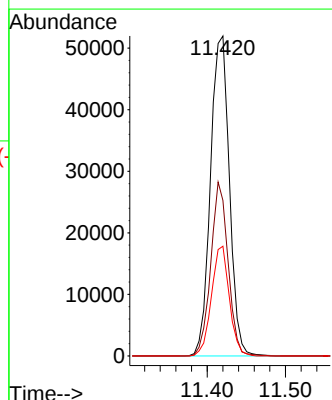
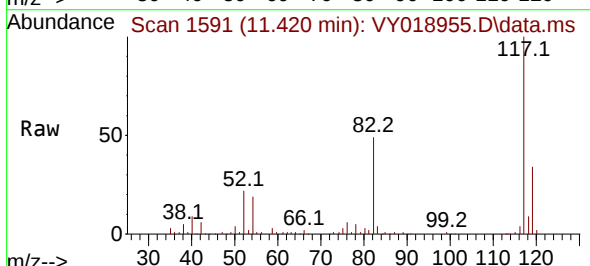
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
95	100		
174	100.7	0.0	175.6
176	98.3	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY018955.D
Acq: 09 Aug 2024 10:02

Tgt Ion	Ratio	Lower	Upper
117	100		
82	48.6	42.4	63.6
119	34.3	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1908

Delta R.T. -0.006 min

Lab File: VY018955.D

Acq: 09 Aug 2024 10:02

Instrument :

MSVOA_Y

ClientSampleId :

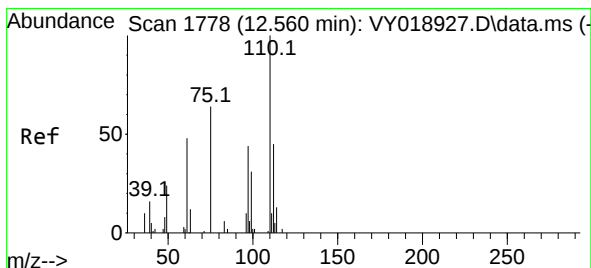
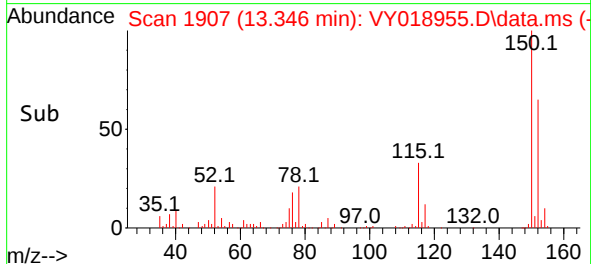
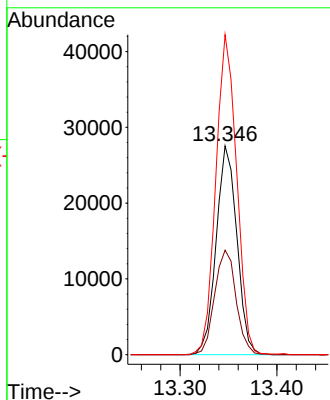
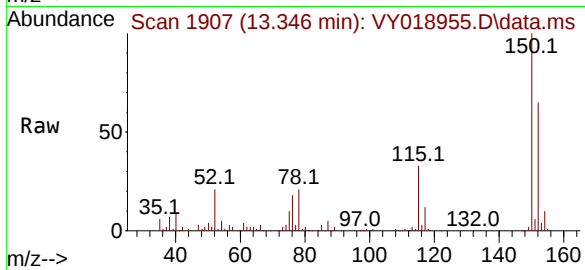
Tgt Ion:152 Resp: 40992

Ion Ratio Lower Upper

152 100

115 51.9 28.2 84.7

150 154.1 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 65.023 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY018955.D

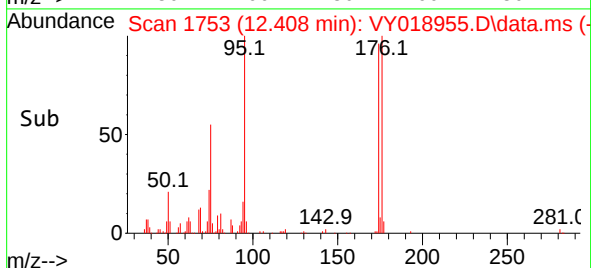
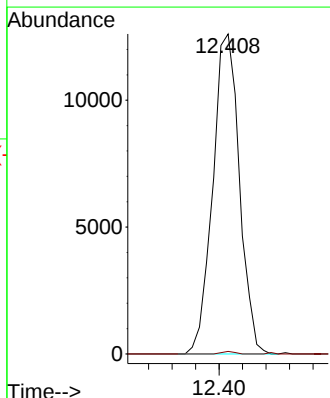
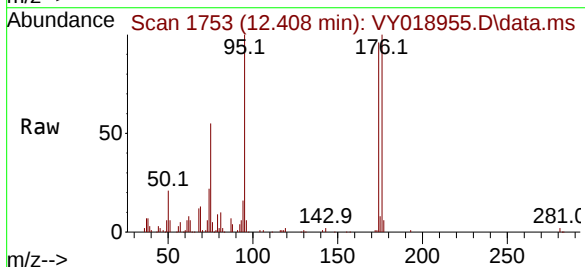
Acq: 09 Aug 2024 10:02

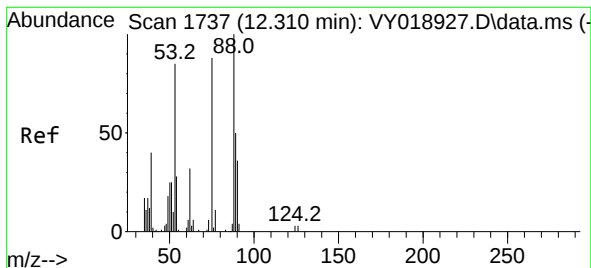
Tgt Ion: 75 Resp: 19857

Ion Ratio Lower Upper

75 100

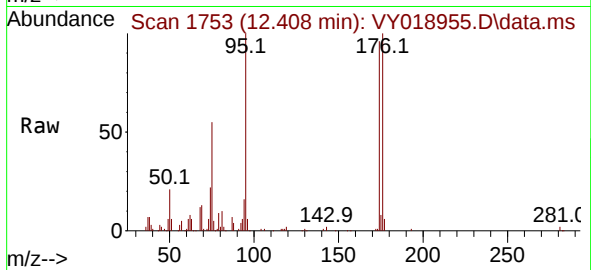
77 0.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 133.986 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY018955.D
Acq: 09 Aug 2024 10:02

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.2	35.8	53.6#

