

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080824\
 Data File : VY018932.D
 Acq On : 08 Aug 2024 15:18
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Aug 09 05:22:41 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)

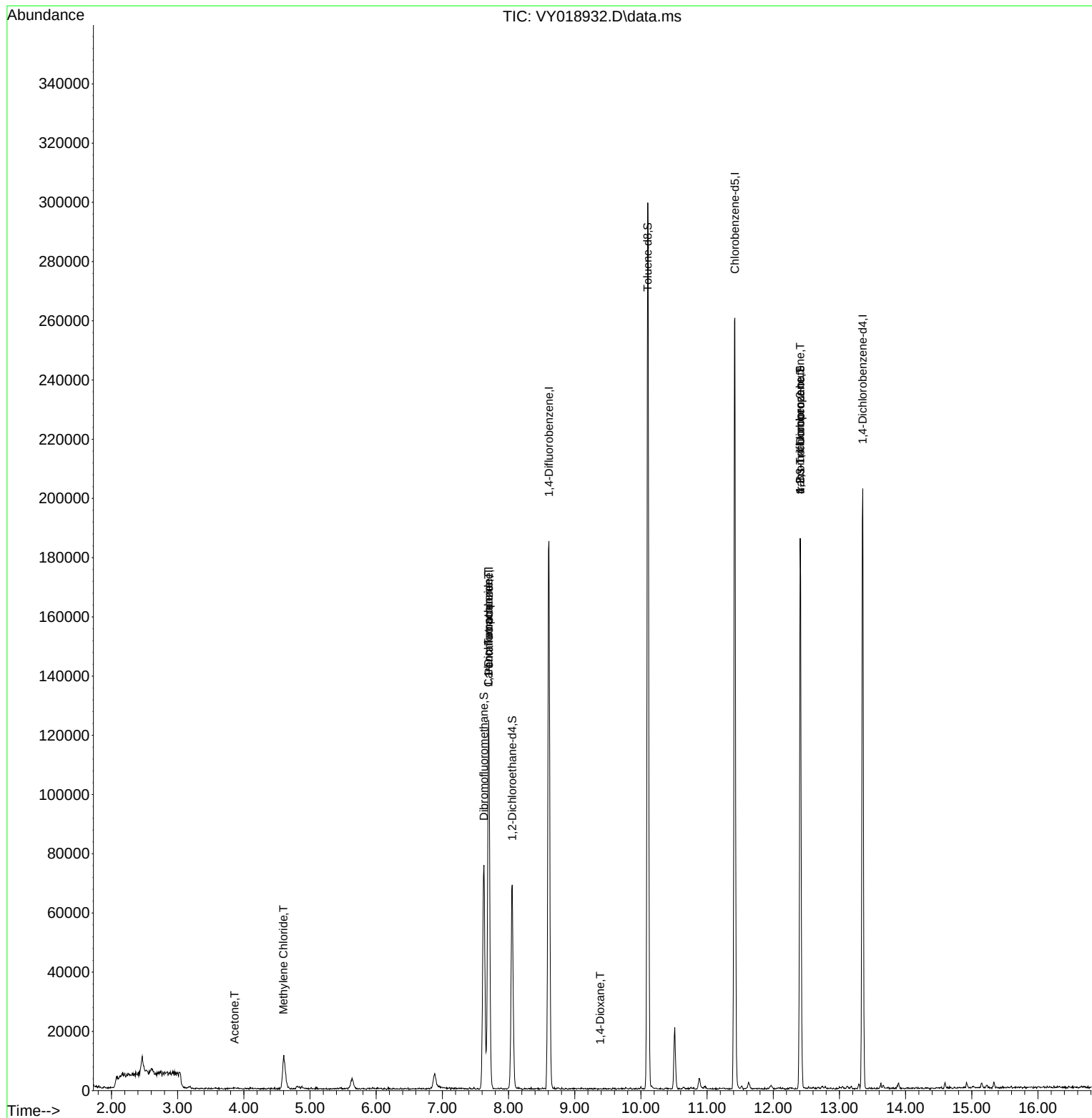
Internal Standards						
1) Pentafluorobenzene	7.701	168	101221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	164136	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	135215	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	49404	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	43594	49.053	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.100%
35) Dibromofluoromethane	7.628	113	49683	47.393	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.780%
50) Toluene-d8	10.103	98	188450	46.801	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.600%
62) 4-Bromofluorobenzene	12.407	95	47108	39.433	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.860%
Target Compounds						
					Qvalue	
3) Chloromethane	2.074	50	468	Below Cal	#	72
11) Tert butyl alcohol	4.830	59	619	Below Cal	#	88
13) Acrolein	3.616	56	23	Below Cal		84
16) Acetone	3.860	43	642	15.179	ug/l #	36
20) Methylene Chloride	4.598	84	7468	1.903	ug/l #	84
31) Cyclohexane	7.695	56	2410	Below Cal	#	45
36) 1,1-Dichloropropene	7.695	75	7321	5.202	ug/l #	47
38) Carbon Tetrachloride	7.695	117	9950	6.167	ug/l #	14
41) Methacrylonitrile	7.244	41	47	Below Cal	#	15
49) 1,4-Dioxane	9.384	88	19	2.659	ug/l #	20
76) 1,2,3-Trichloropropane	12.407	75	27554	74.864	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	27554	154.265	ug/l #	16

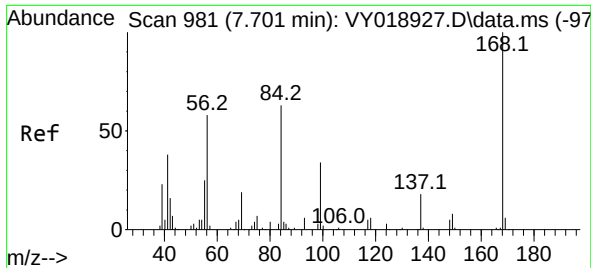
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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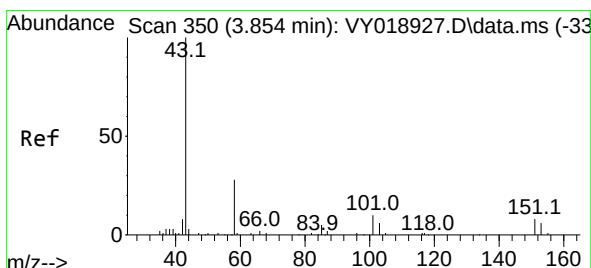
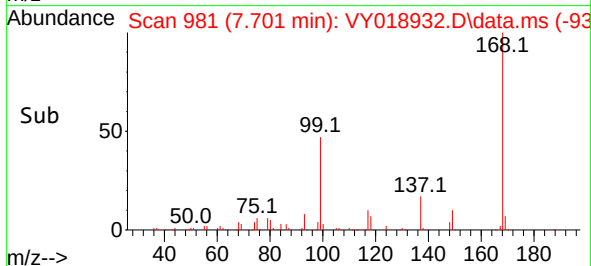
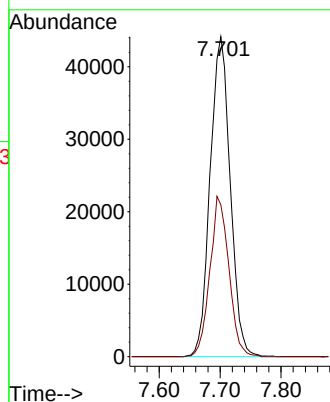
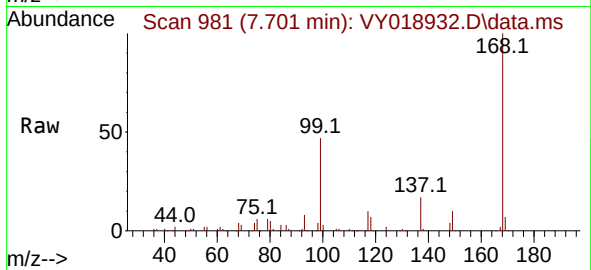




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018932.D
Acq: 08 Aug 2024 15:18

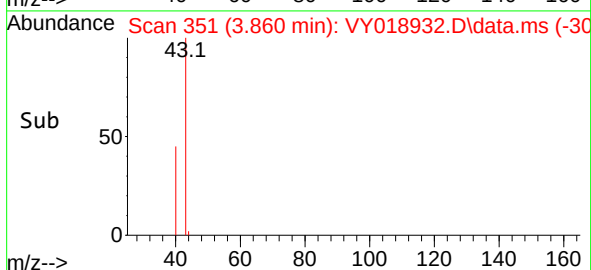
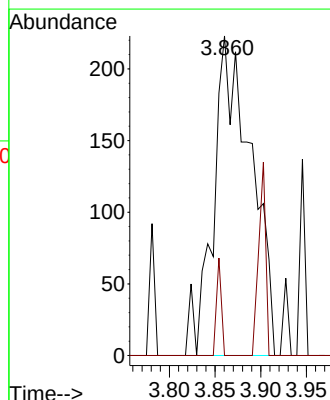
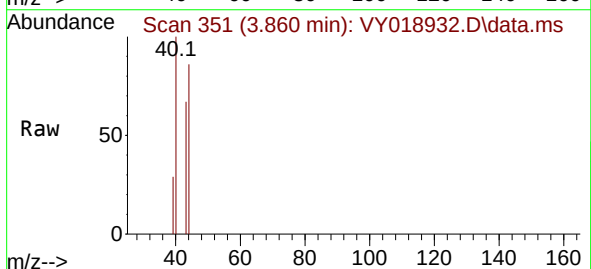
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

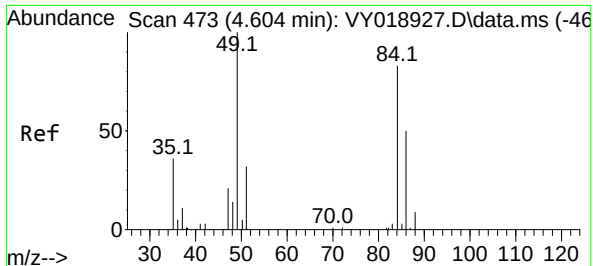
Tgt Ion:168 Resp: 101221
Ion Ratio Lower Upper
168 100
99 47.5 39.1 58.7



#16
Acetone
Concen: 15.179 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY018932.D
Acq: 08 Aug 2024 15:18

Tgt Ion: 43 Resp: 642
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



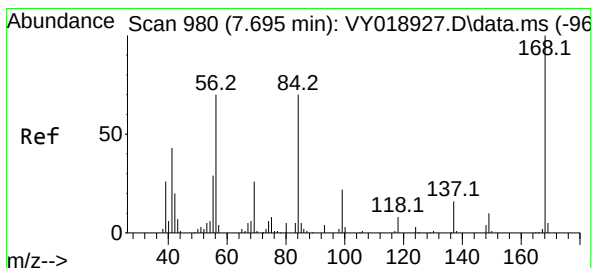
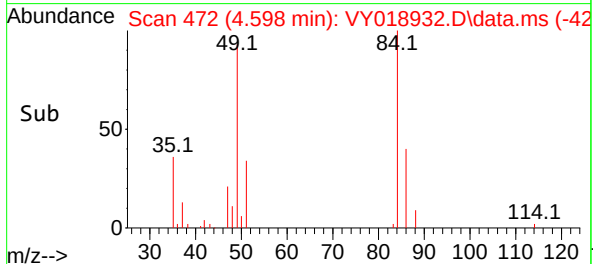
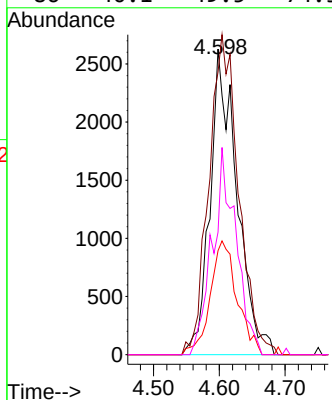
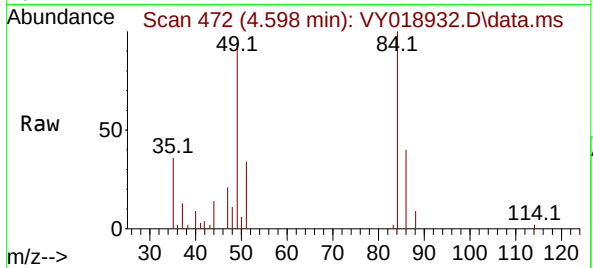


#20
Methylene Chloride
Concen: 1.903 ug/l
RT: 4.598 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018932.D
Acq: 08 Aug 2024 15:18

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 84 Resp: 7468

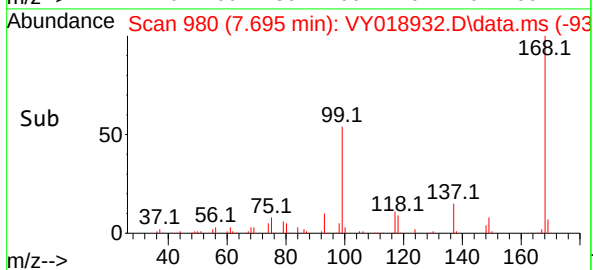
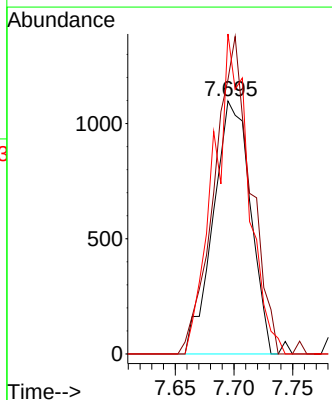
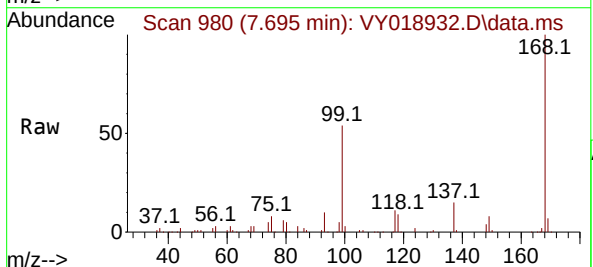
Ion	Ratio	Lower	Upper
84	100		
49	92.5	84.4	126.6
51	34.0	26.0	39.0
86	40.1	49.5	74.3#

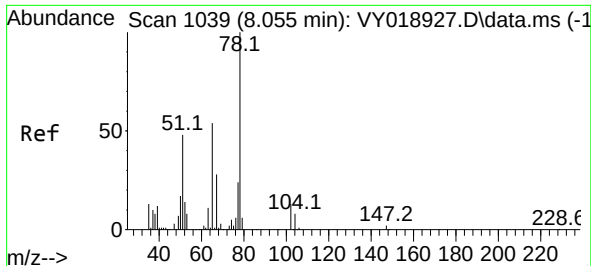


#31
Cyclohexane
Concen: Below Cal
RT: 7.695 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY018932.D
Acq: 08 Aug 2024 15:18

Tgt Ion: 56 Resp: 2410

Ion	Ratio	Lower	Upper
56	100		
69	108.5	28.7	43.1#
84	126.5	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 49.053 ug/l

RT: 8.055 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY018932.D

Acq: 08 Aug 2024 15:18

Instrument :

MSVOA_Y

ClientSampleId :

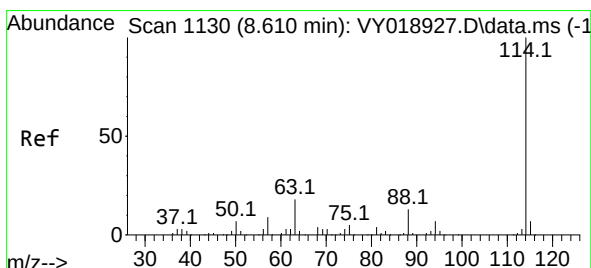
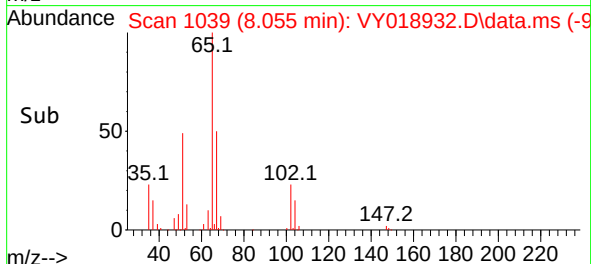
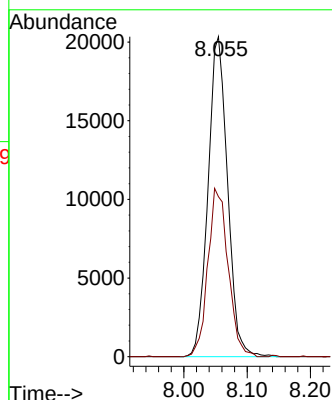
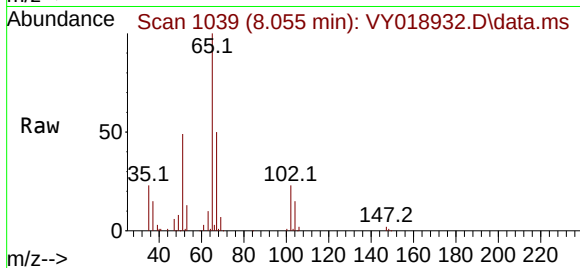
VIBLK

Tgt Ion: 65 Resp: 43594

Ion Ratio Lower Upper

65 100

67 54.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VY018932.D

Acq: 08 Aug 2024 15:18

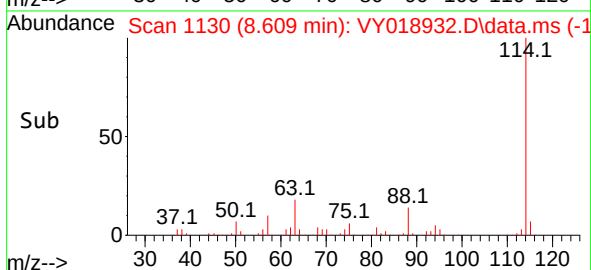
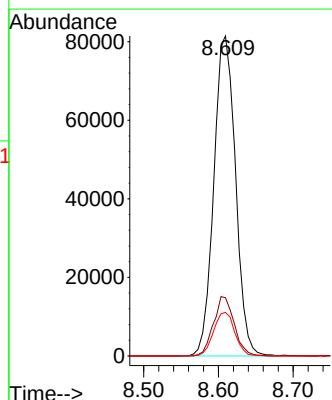
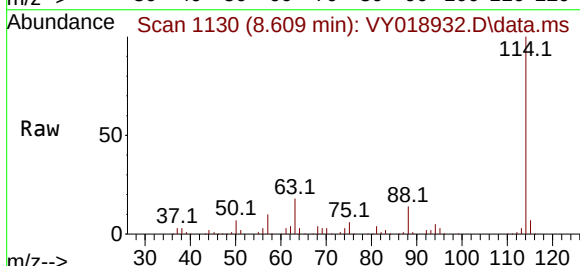
Tgt Ion: 114 Resp: 164136

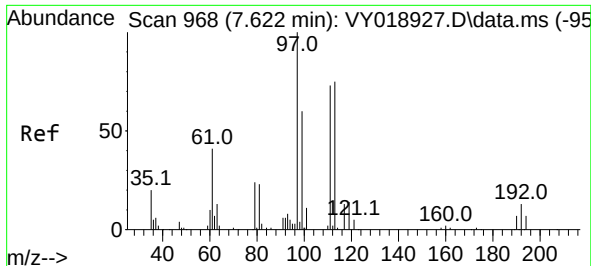
Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.0

88 13.6 0.0 27.2

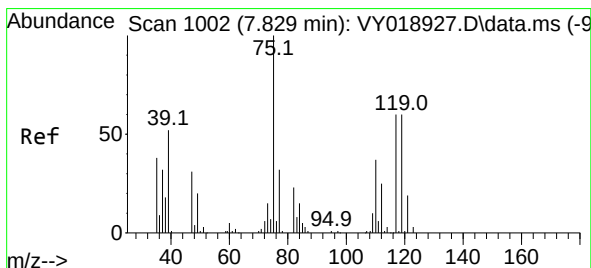
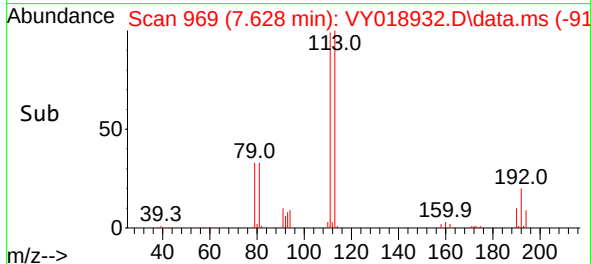
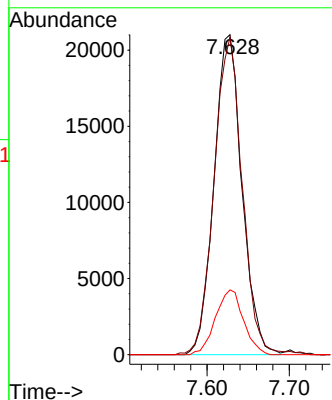
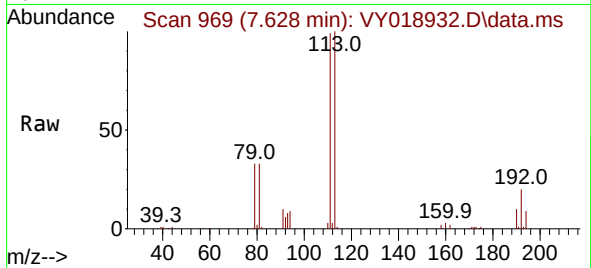




#35
Dibromofluoromethane
Concen: 47.393 ug/l
RT: 7.628 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY018932.D
Acq: 08 Aug 2024 15:18

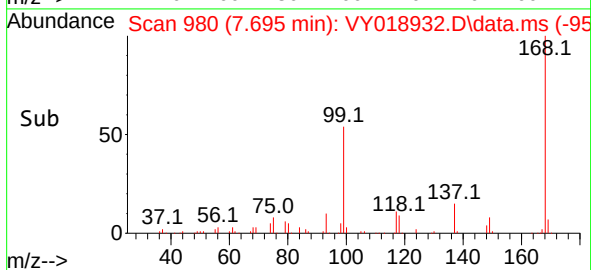
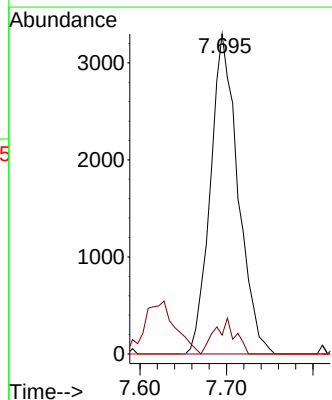
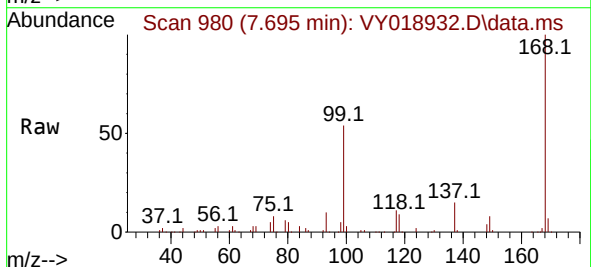
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

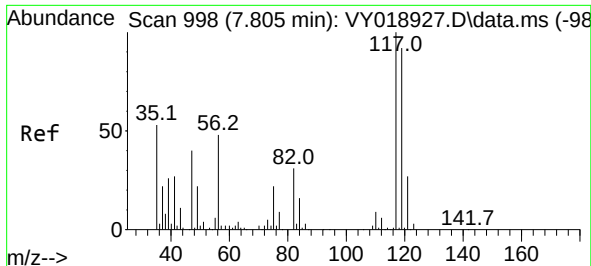
Tgt Ion:113 Resp: 49683
Ion Ratio Lower Upper
113 100
111 100.0 82.2 123.4
192 20.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.202 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY018932.D
Acq: 08 Aug 2024 15:18

Tgt Ion: 75 Resp: 7321
Ion Ratio Lower Upper
75 100
110 8.1 19.0 57.0#
77 0.0 25.3 37.9#

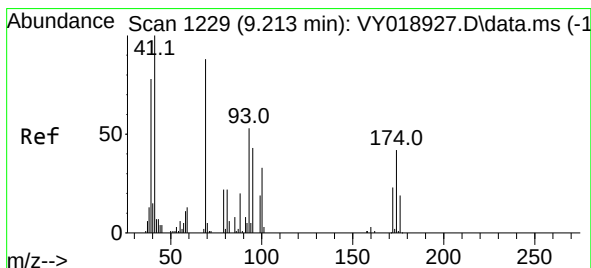
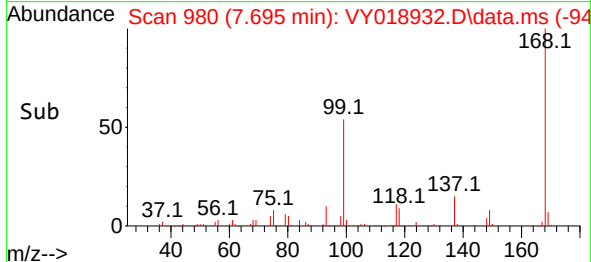
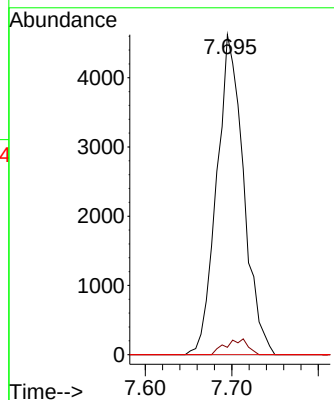
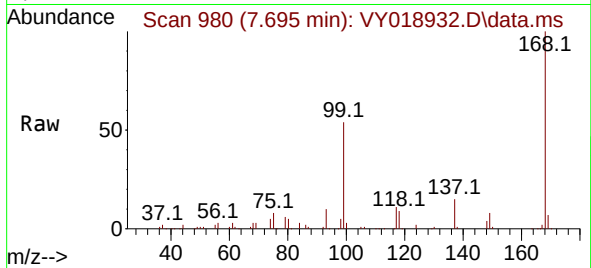




#38
Carbon Tetrachloride
Concen: 6.167 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY018932.D
Acq: 08 Aug 2024 15:18

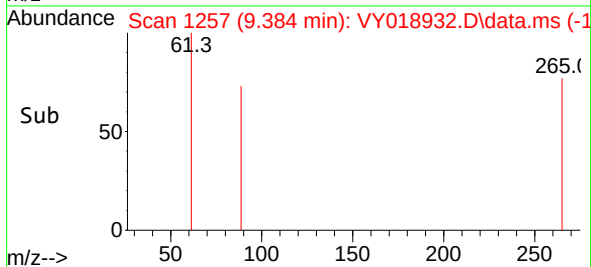
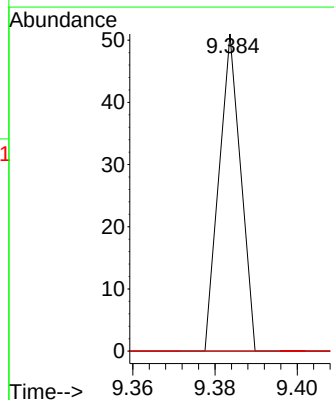
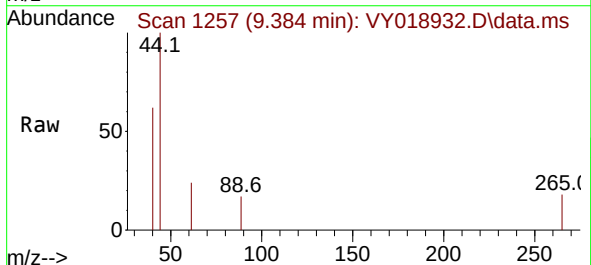
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

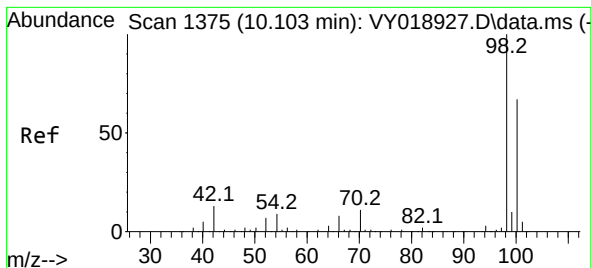
Tgt Ion:117 Resp: 9950
Ion Ratio Lower Upper
117 100
119 2.3 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 2.659 ug/l
RT: 9.384 min Scan# 1257
Delta R.T. 0.171 min
Lab File: VY018932.D
Acq: 08 Aug 2024 15:18

Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 49.3 73.9#





#50

Toluene-d8

Concen: 46.801 ug/l

RT: 10.103 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018932.D

Acq: 08 Aug 2024 15:18

Instrument :

MSVOA_Y

ClientSampleId :

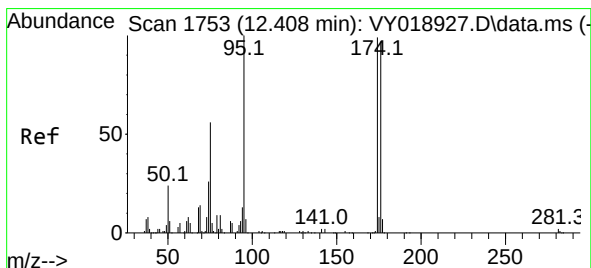
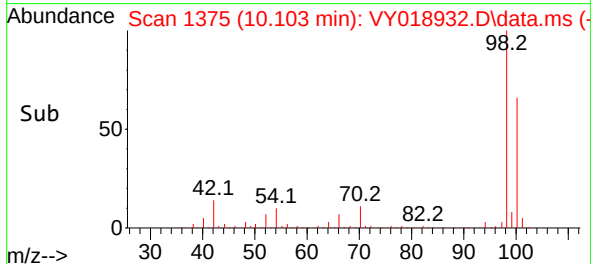
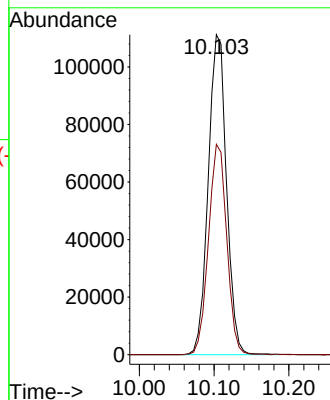
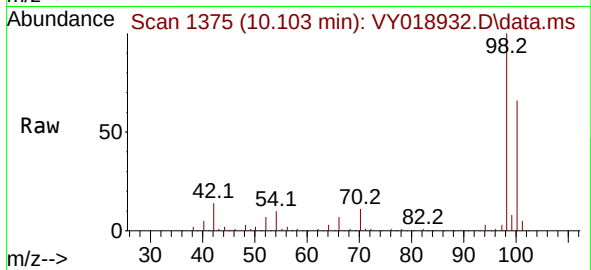
VIBLK

Tgt Ion: 98 Resp: 188450

Ion Ratio Lower Upper

98 100

100 65.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 39.433 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.000 min

Lab File: VY018932.D

Acq: 08 Aug 2024 15:18

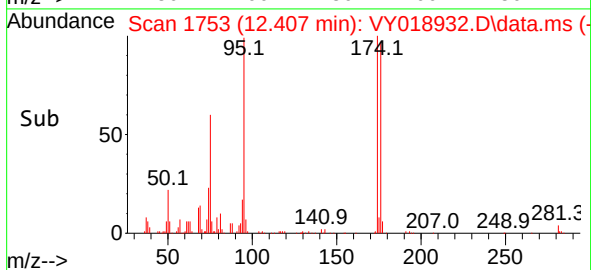
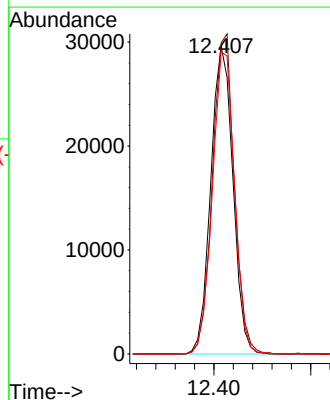
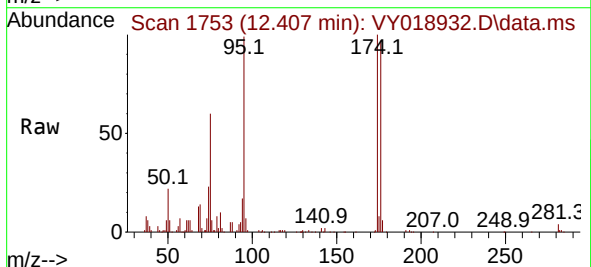
Tgt Ion: 95 Resp: 47108

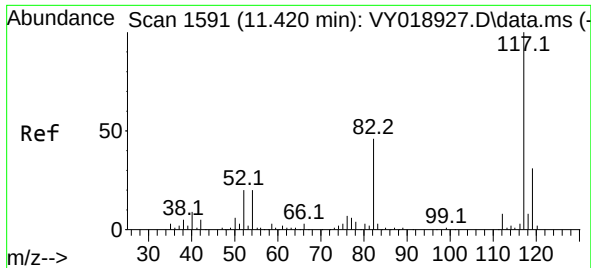
Ion Ratio Lower Upper

95 100

174 102.4 0.0 175.6

176 97.9 0.0 171.4

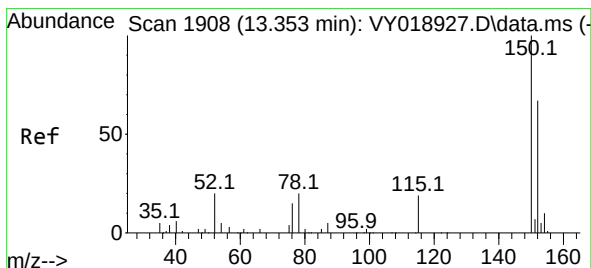
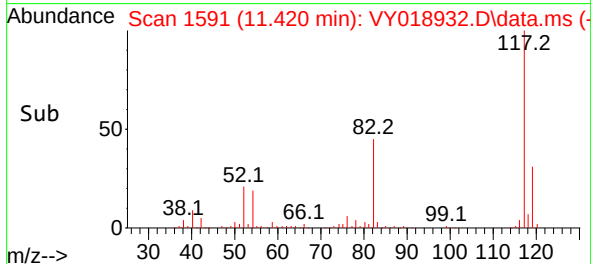
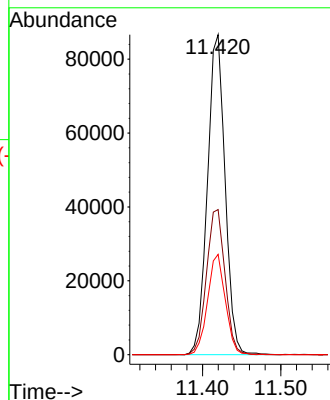
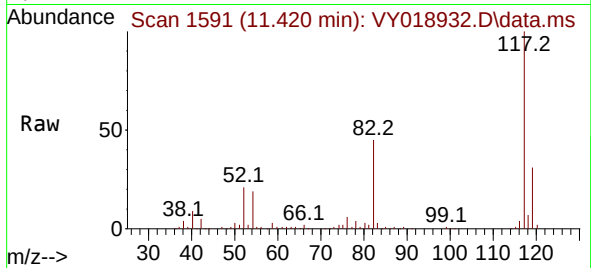




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY018932.D
Acq: 08 Aug 2024 15:18

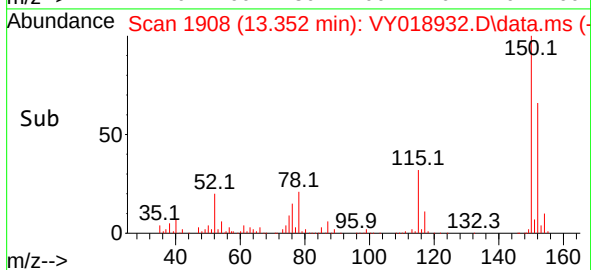
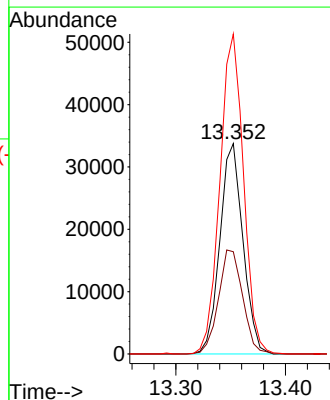
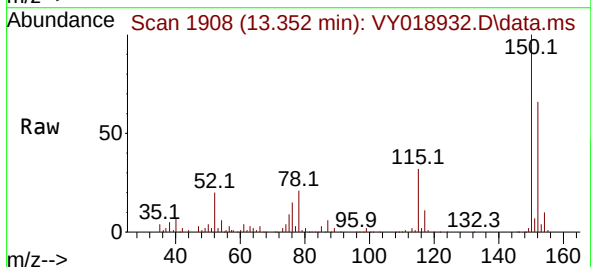
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

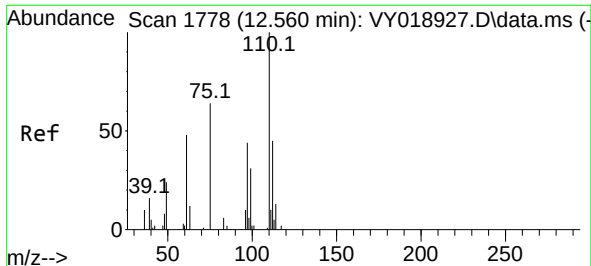
Tgt Ion:117 Resp: 135215
Ion Ratio Lower Upper
117 100
82 45.4 42.4 63.6
119 31.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY018932.D
Acq: 08 Aug 2024 15:18

Tgt Ion:152 Resp: 49404
Ion Ratio Lower Upper
152 100
115 51.8 28.2 84.7
150 155.4 0.0 345.6

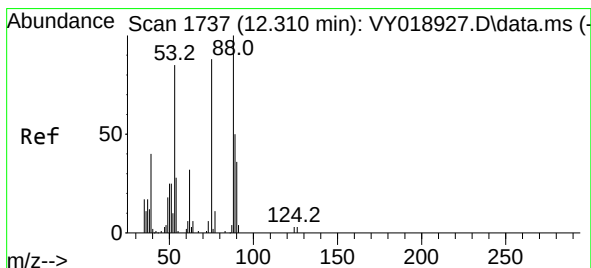
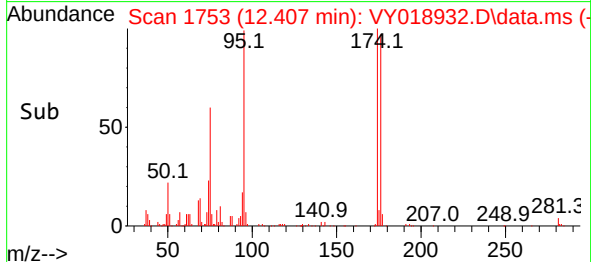
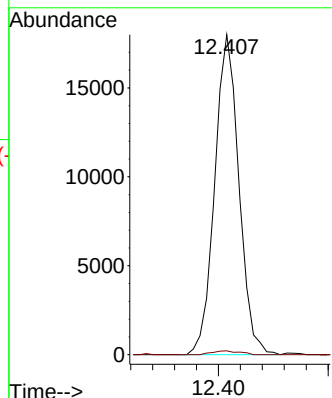
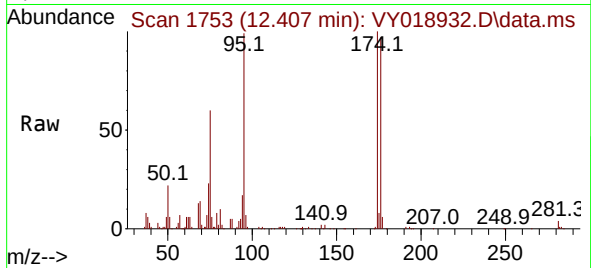




#76
1,2,3-Trichloropropane
Concen: 74.864 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.153 min
Lab File: VY018932.D
Acq: 08 Aug 2024 15:18

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 27554
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 154.265 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.097 min
Lab File: VY018932.D
Acq: 08 Aug 2024 15:18

Tgt Ion: 75 Resp: 27554
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#

