

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071724\
 Data File : VY018851.D
 Acq On : 17 Jul 2024 16:55
 Operator : SY/MD
 Sample : P3246-14
 Misc : 6.74g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 18 01:29:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

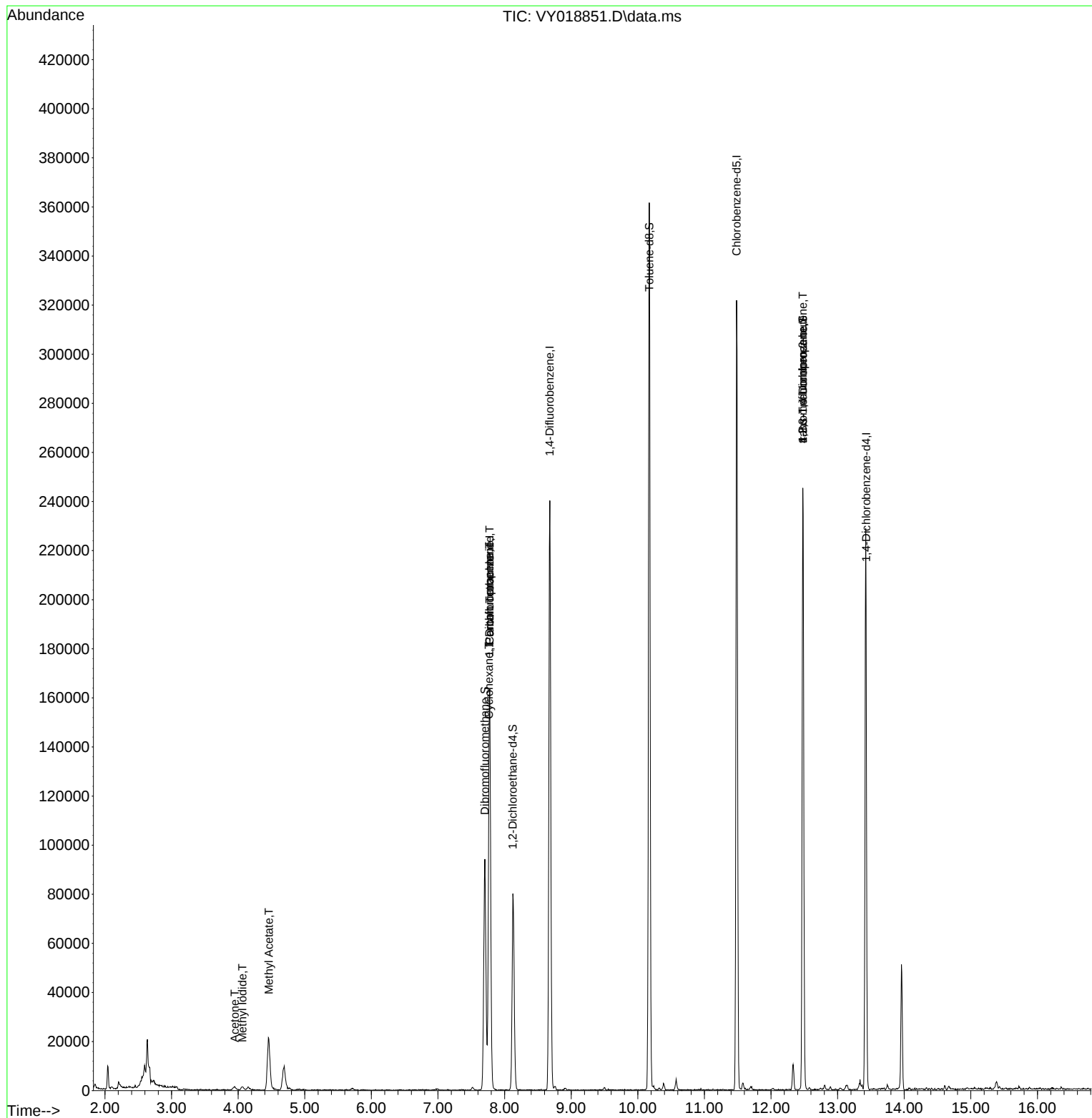
Internal Standards						
1) Pentafluorobenzene	7.777	168	129979	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	212995	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	175918	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	57662	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.124	65	61531	48.108	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.220%
35) Dibromofluoromethane	7.704	113	63127	47.320	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.640%
50) Toluene-d8	10.173	98	235382	46.572	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.140%
62) 4-Bromofluorobenzene	12.477	95	64618	37.438	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.880%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.064	142	2406	1.721	ug/l #	81
16) Acetone	3.948	43	2264	9.601	ug/l #	80
18) Methyl Acetate	4.460	43	38466	56.142	ug/l	98
31) Cyclohexane	7.764	56	2764	1.407	ug/l #	43
36) 1,1-Dichloropropene	7.771	75	9031	4.905	ug/l #	51
38) Carbon Tetrachloride	7.777	117	13417	6.051	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	35012	77.525	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	35012	173.506	ug/l #	16

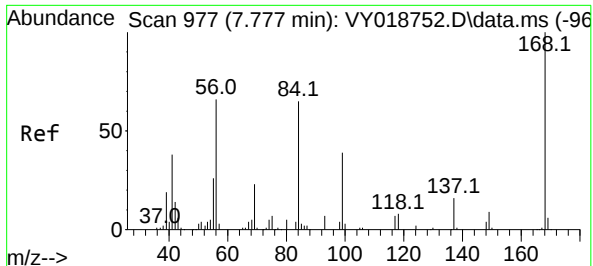
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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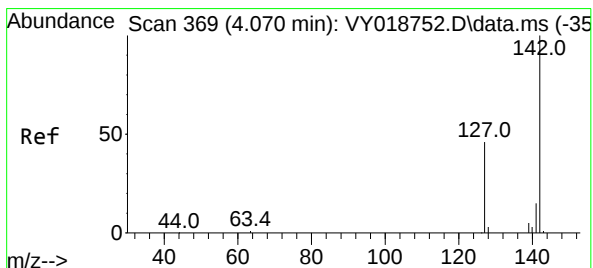
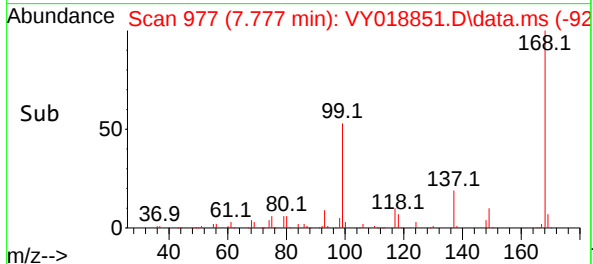
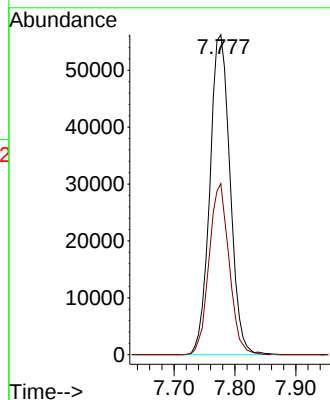
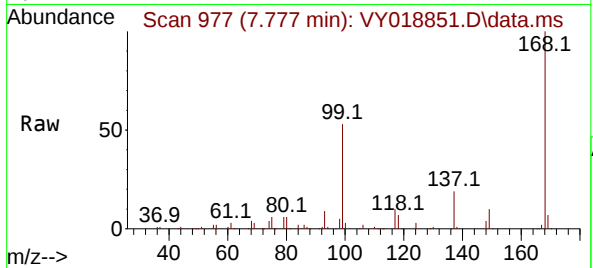




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018851.D
Acq: 17 Jul 2024 16:55

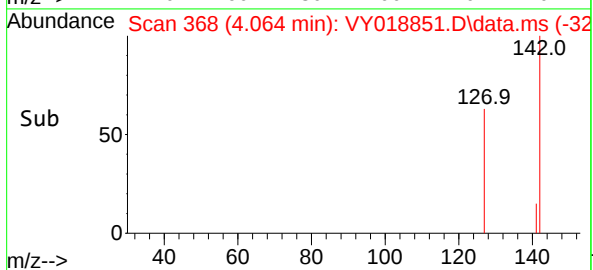
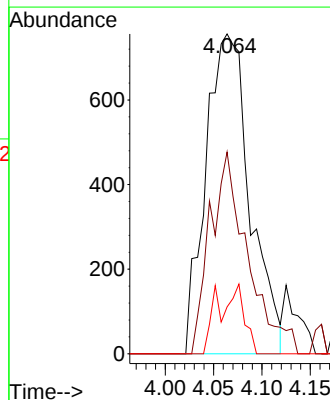
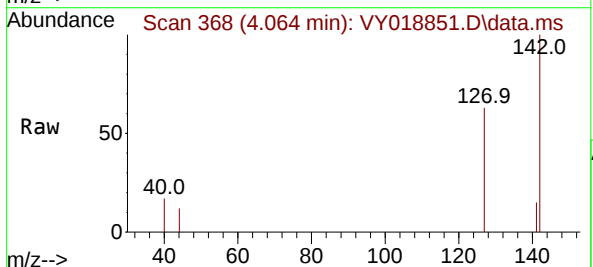
Instrument :
MSVOA_Y
ClientSampleId :

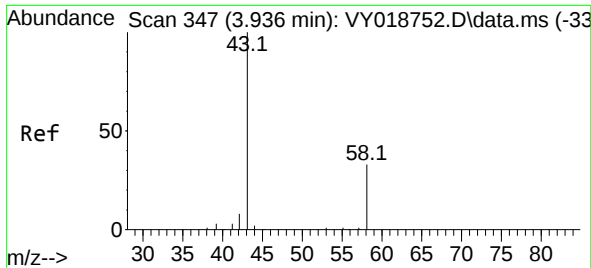
Tgt Ion:168 Resp: 129979
Ion Ratio Lower Upper
168 100
99 53.4 39.1 58.7



#10
Methyl Iodide
Concen: 1.721 ug/l
RT: 4.064 min Scan# 368
Delta R.T. -0.006 min
Lab File: VY018851.D
Acq: 17 Jul 2024 16:55

Tgt Ion:142 Resp: 2406
Ion Ratio Lower Upper
142 100
127 53.5 32.8 49.2#
141 8.1 11.4 17.2#





#16

Acetone

Concen: 9.601 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.012 min

Lab File: VY018851.D

Acq: 17 Jul 2024 16:55

Instrument :

MSVOA_Y

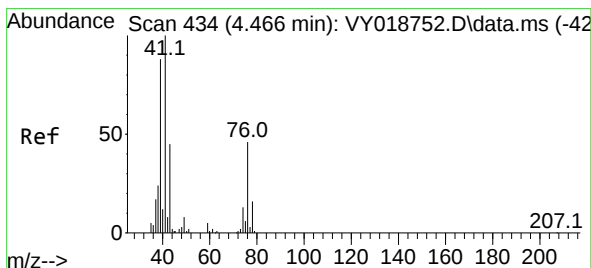
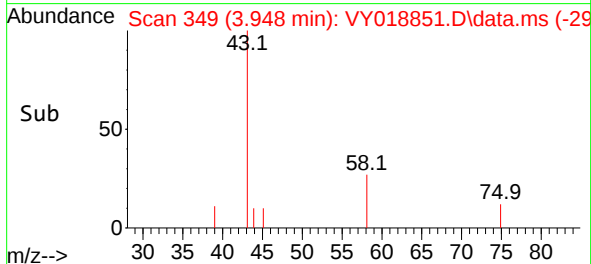
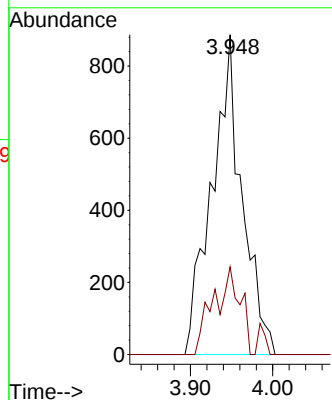
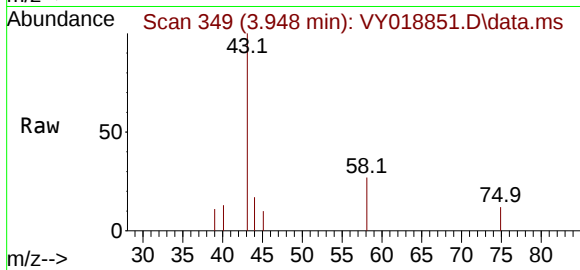
ClientSampleId :

Tgt Ion: 43 Resp: 2264

Ion Ratio Lower Upper

43 100

58 27.4 31.7 47.5#



#18

Methyl Acetate

Concen: 56.142 ug/l

RT: 4.460 min Scan# 433

Delta R.T. -0.006 min

Lab File: VY018851.D

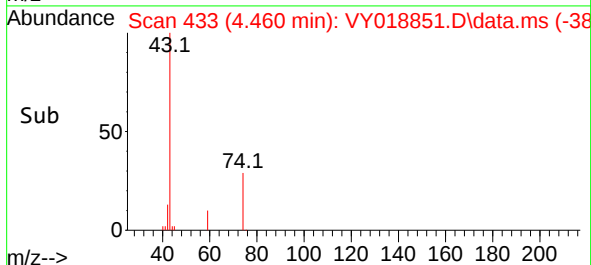
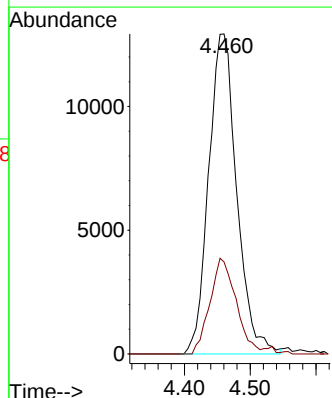
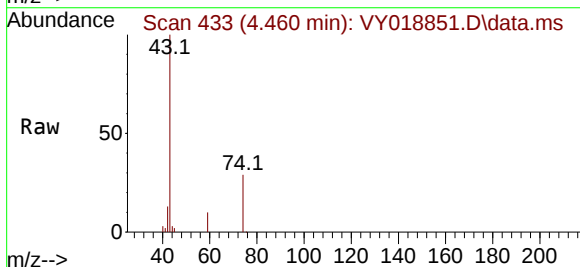
Acq: 17 Jul 2024 16:55

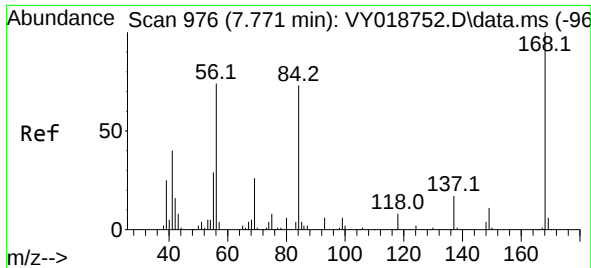
Tgt Ion: 43 Resp: 38466

Ion Ratio Lower Upper

43 100

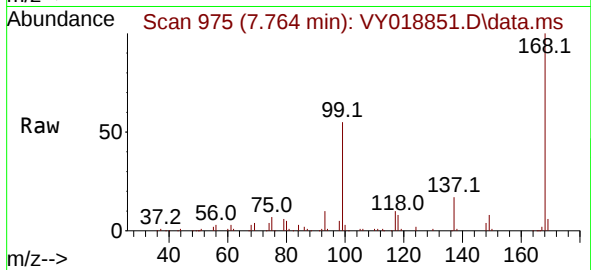
74 27.8 23.3 34.9



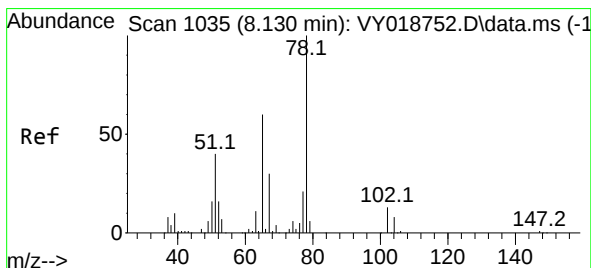
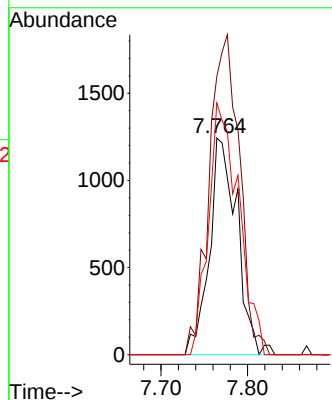
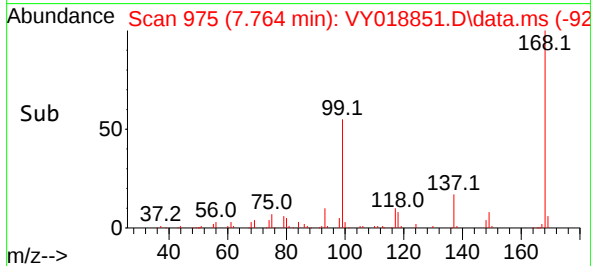


#31
Cyclohexane
Concen: 1.407 ug/l
RT: 7.764 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018851.D
Acq: 17 Jul 2024 16:55

Instrument :
MSVOA_Y
ClientSampleId :

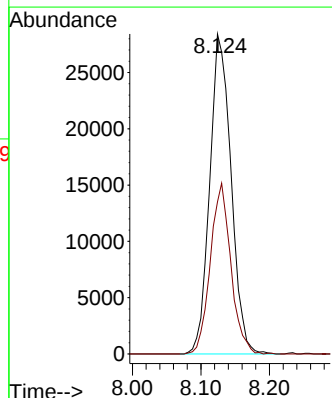
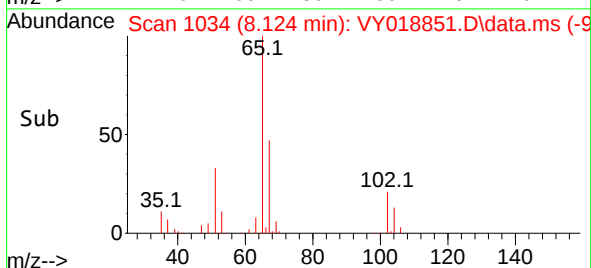
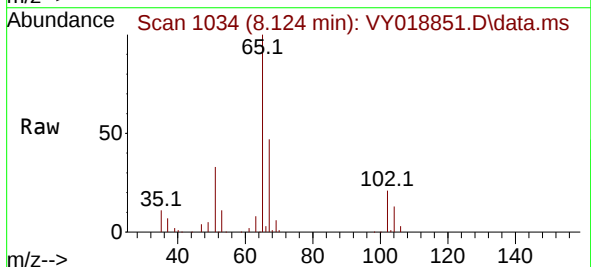


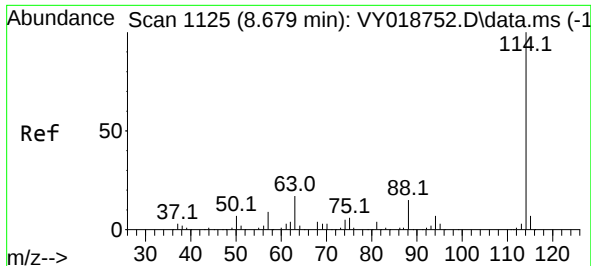
Tgt Ion: 56 Resp: 2764
Ion Ratio Lower Upper
56 100
69 128.4 28.7 43.1#
84 116.2 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 48.108 ug/l
RT: 8.124 min Scan# 1034
Delta R.T. -0.006 min
Lab File: VY018851.D
Acq: 17 Jul 2024 16:55

Tgt Ion: 65 Resp: 61531
Ion Ratio Lower Upper
65 100
67 51.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.000 min

Lab File: VY018851.D

Acq: 17 Jul 2024 16:55

Instrument :

MSVOA_Y

ClientSampleId :

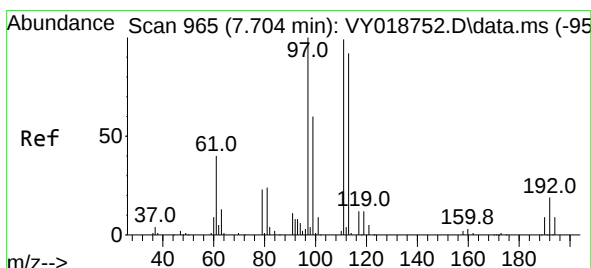
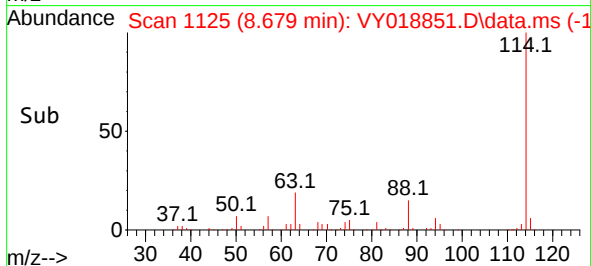
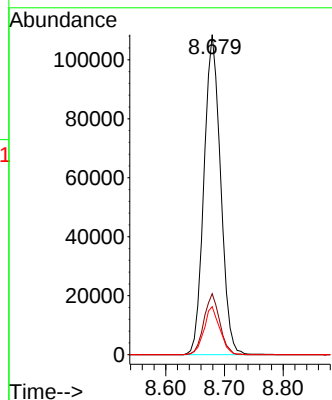
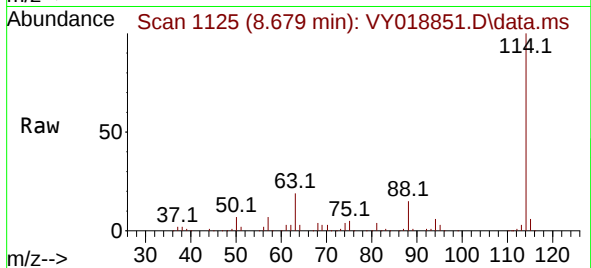
Tgt Ion:114 Resp: 212995

Ion Ratio Lower Upper

114 100

63 19.1 0.0 35.0

88 15.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.320 ug/l

RT: 7.704 min Scan# 965

Delta R.T. -0.000 min

Lab File: VY018851.D

Acq: 17 Jul 2024 16:55

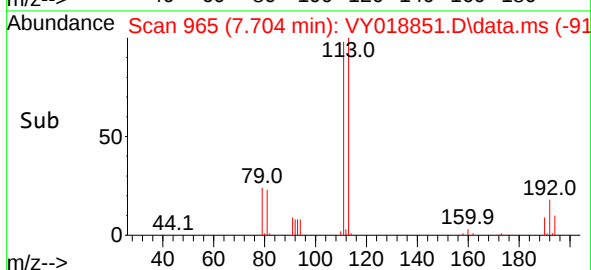
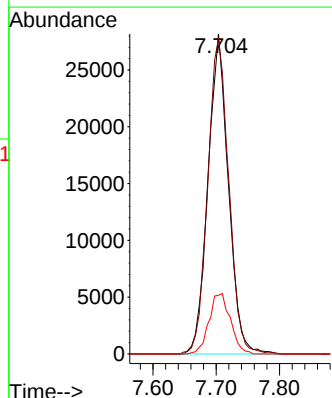
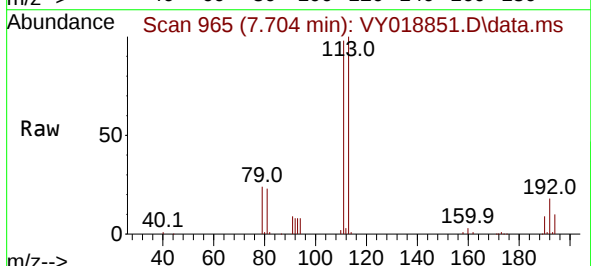
Tgt Ion:113 Resp: 63127

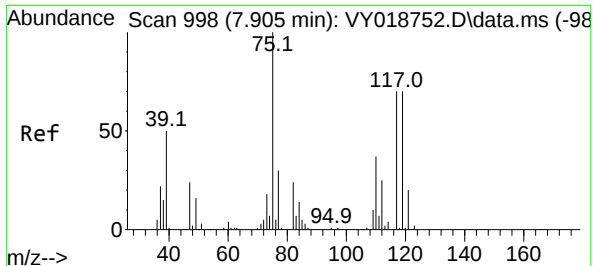
Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.4

192 19.8 15.9 23.9

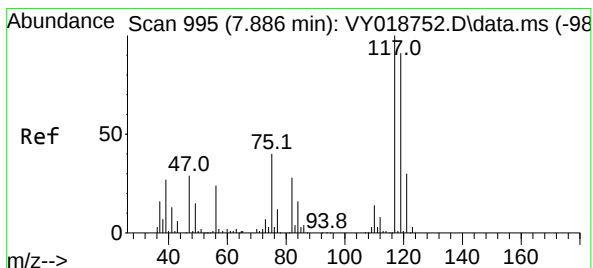
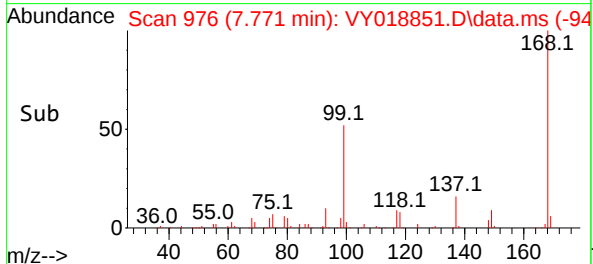
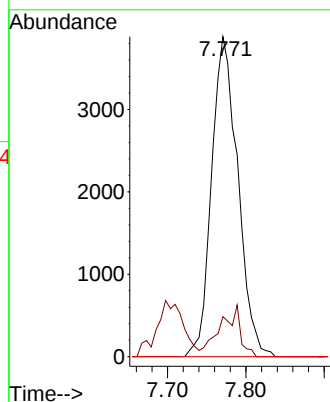
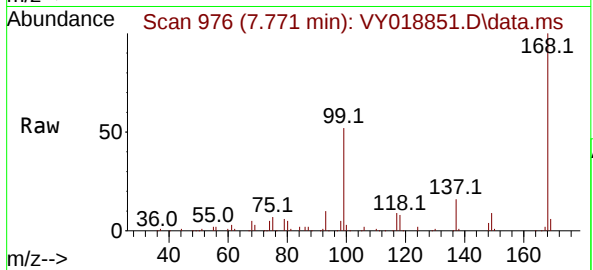




#36
1,1-Dichloropropene
Concen: 4.905 ug/l
RT: 7.771 min Scan# 911
Delta R.T. -0.134 min
Lab File: VY018851.D
Acq: 17 Jul 2024 16:55

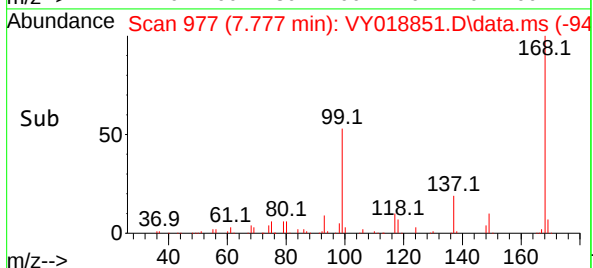
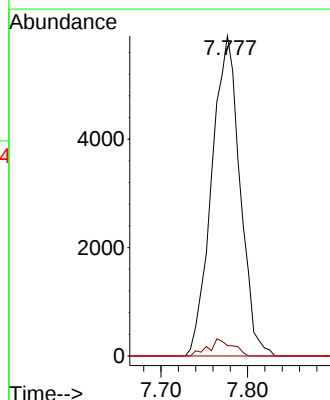
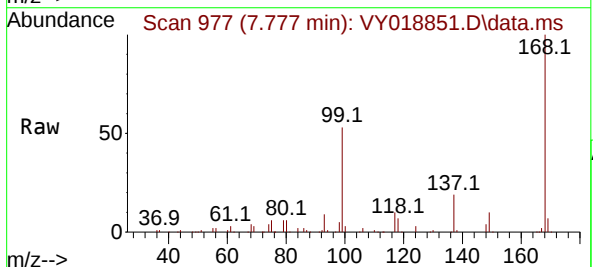
Instrument :
MSVOA_Y
ClientSampleId :

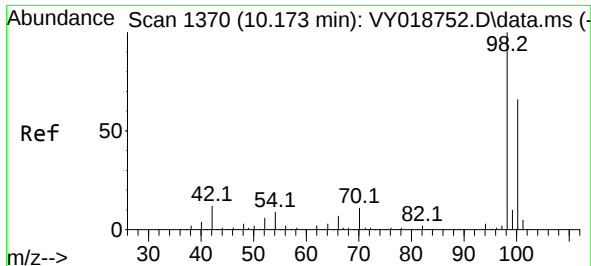
Tgt Ion: 75 Resp: 9031
Ion Ratio Lower Upper
75 100
110 12.4 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.051 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.110 min
Lab File: VY018851.D
Acq: 17 Jul 2024 16:55

Tgt Ion: 117 Resp: 13417
Ion Ratio Lower Upper
117 100
119 3.3 75.8 113.6#
121 0.0 24.0 36.0#

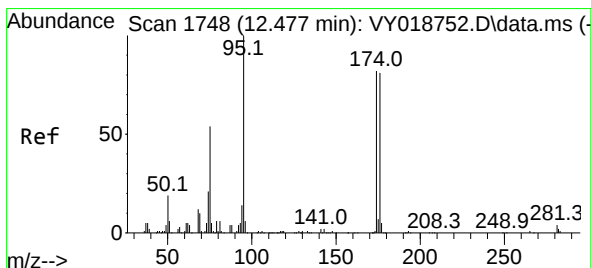
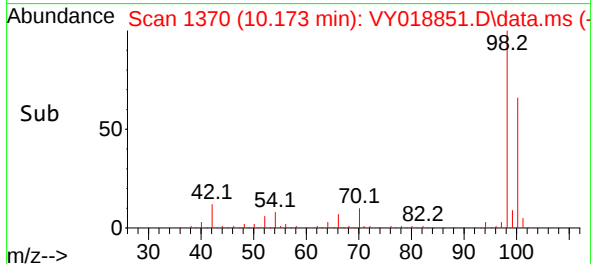
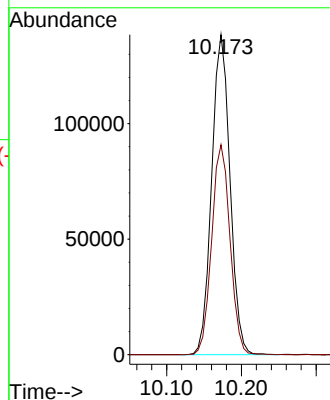
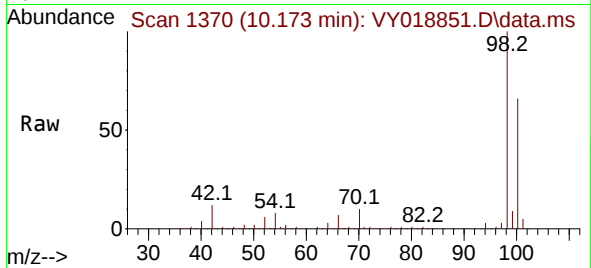




#50
Toluene-d8
Concen: 46.572 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018851.D
Acq: 17 Jul 2024 16:55

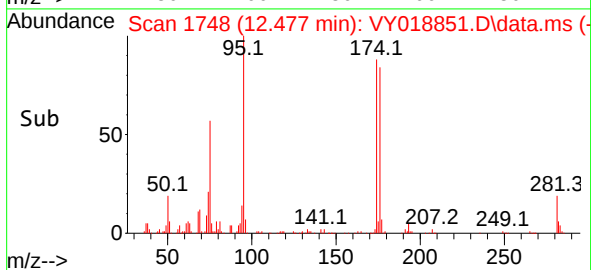
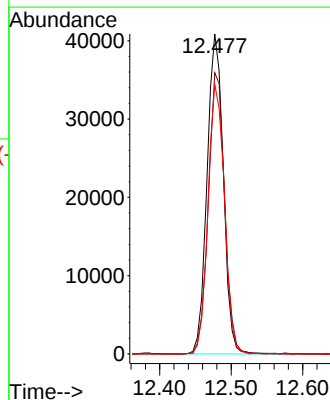
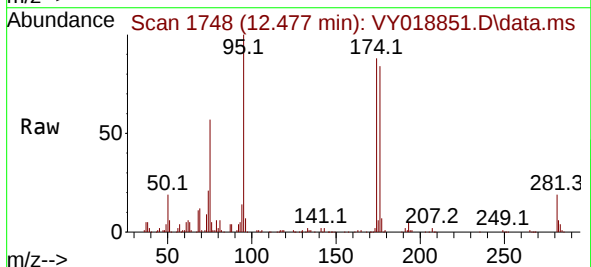
Instrument :
MSVOA_Y
ClientSampleId :

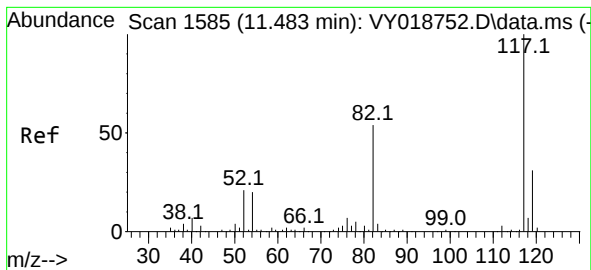
Tgt Ion: 98 Resp: 235382
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 37.438 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018851.D
Acq: 17 Jul 2024 16:55

Tgt Ion: 95 Resp: 64618
Ion Ratio Lower Upper
95 100
174 88.0 0.0 175.6
176 85.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018851.D

Acq: 17 Jul 2024 16:55

Instrument :

MSVOA_Y

ClientSampleId :

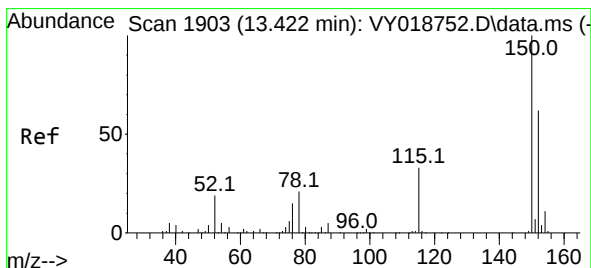
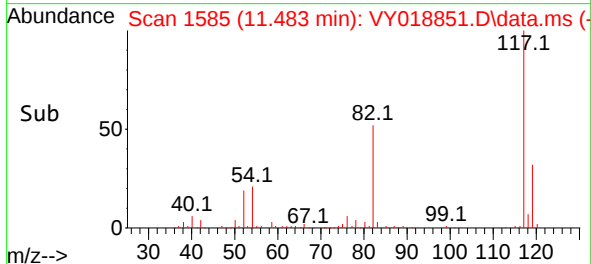
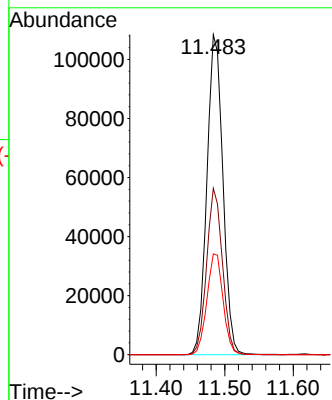
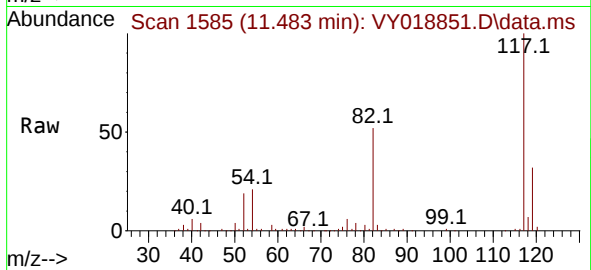
Tgt Ion:117 Resp: 175918

Ion Ratio Lower Upper

117 100

82 52.0 42.4 63.6

119 31.5 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY018851.D

Acq: 17 Jul 2024 16:55

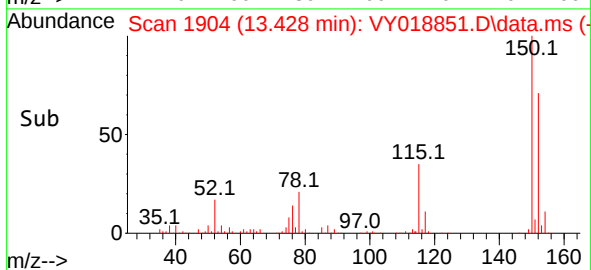
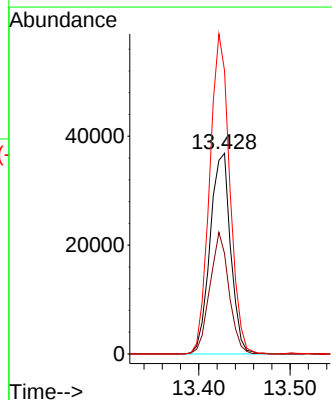
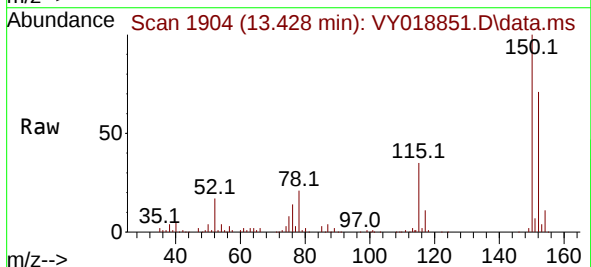
Tgt Ion:152 Resp: 57662

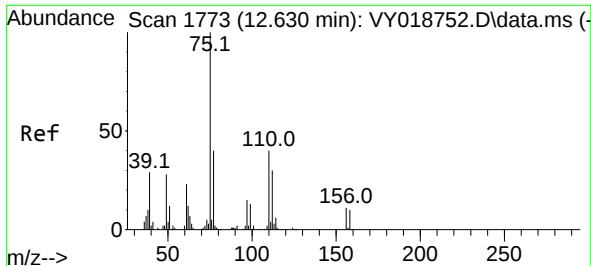
Ion Ratio Lower Upper

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115 56.2 28.2 84.7

150 155.1 0.0 345.6

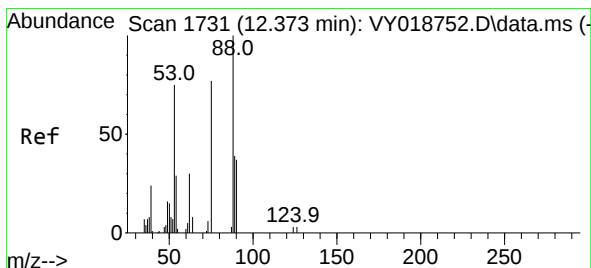
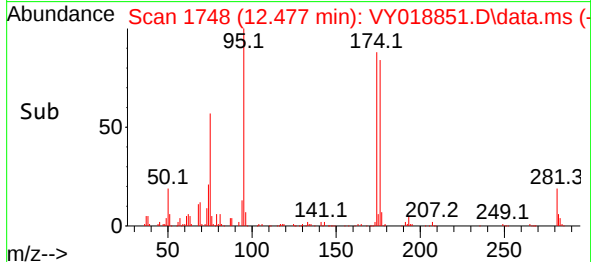
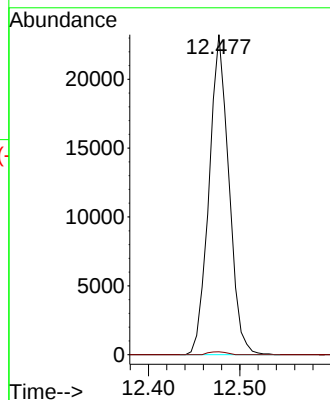
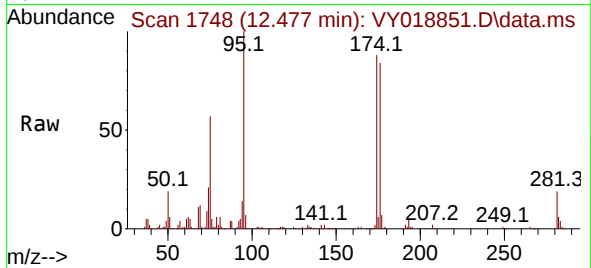




#76
1,2,3-Trichloropropane
Concen: 77.525 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY018851.D
Acq: 17 Jul 2024 16:55

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 35012
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 173.506 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018851.D
Acq: 17 Jul 2024 16:55

Tgt Ion: 75 Resp: 35012
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#

