

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071724\
 Data File : VY018845.D
 Acq On : 17 Jul 2024 13:34
 Operator : SY/MD
 Sample : VY0717SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 18 01:25:47 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)

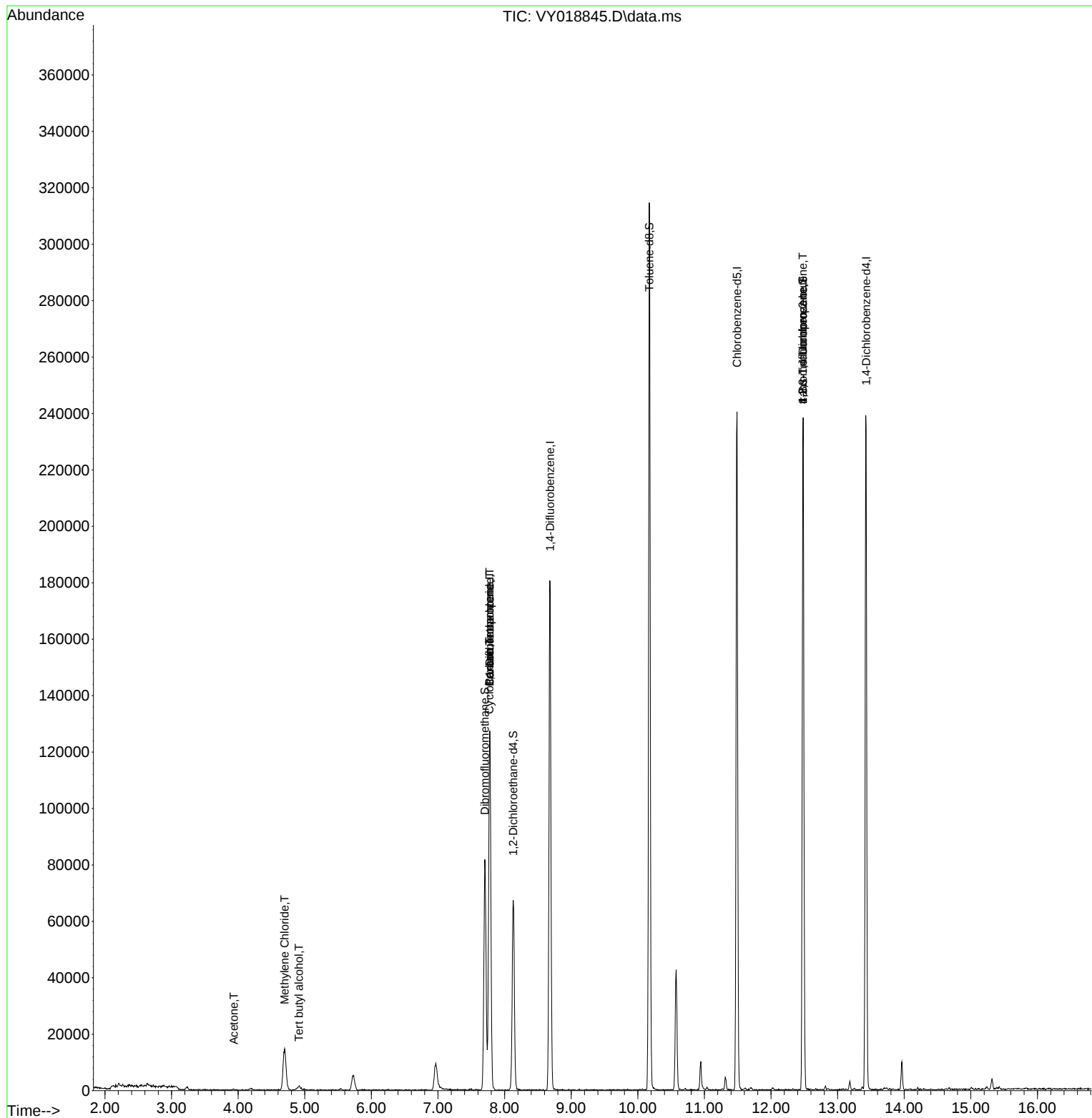
Internal Standards						
1) Pentafluorobenzene	7.777	168	103155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	160471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	135043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	62824	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	52551	51.771	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.540%	
35) Dibromofluoromethane	7.704	113	54327	54.053	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.100%	
50) Toluene-d8	10.173	98	201287	52.862	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.720%	
62) 4-Bromofluorobenzene	12.477	95	64199	49.370	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.740%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.911	59	1282	12.468	ug/l #	88
16) Acetone	3.936	43	488	2.608	ug/l #	36
20) Methylene Chloride	4.698	84	11411	6.443	ug/l #	93
31) Cyclohexane	7.771	56	2363	1.515	ug/l #	54
36) 1,1-Dichloropropene	7.777	75	7652	5.517	ug/l #	48
38) Carbon Tetrachloride	7.777	117	10055	6.019	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	36116	73.399	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	36116	164.271	ug/l #	16

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

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ClientSampleId :

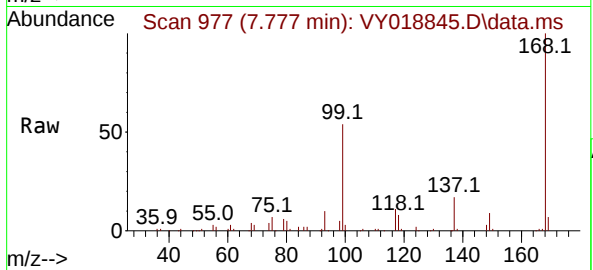
Quant Time: Jul 18 01:25:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 09 14:28:51 2024
Response via : Initial Calibration



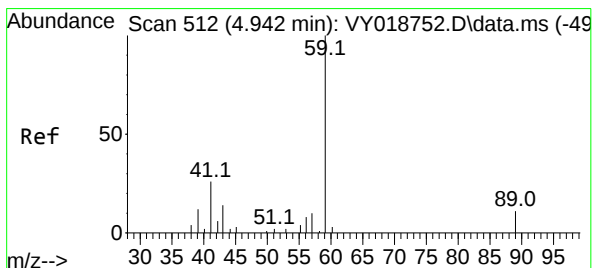
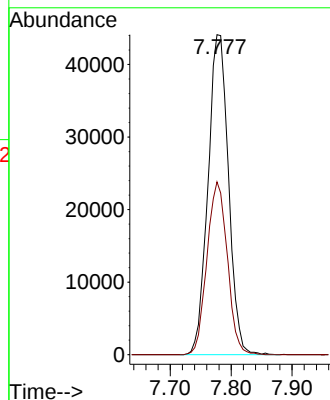
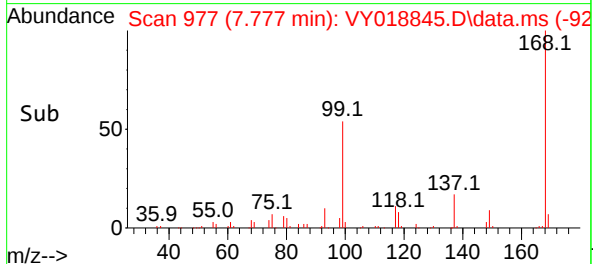


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018845.D
Acq: 17 Jul 2024 13:34

Instrument :
MSVOA_Y
ClientSampleId :

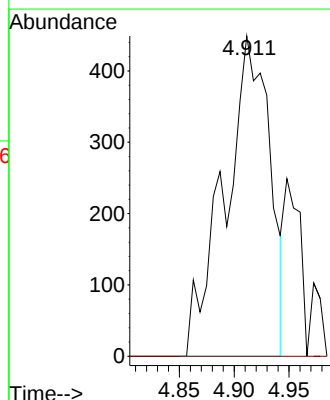
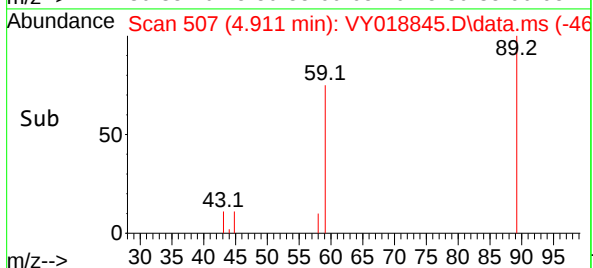
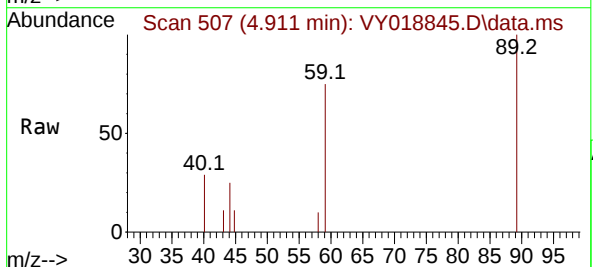


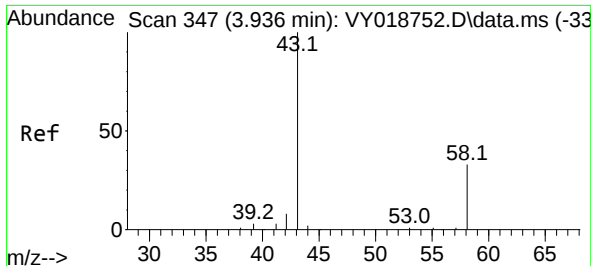
Tgt Ion:168 Resp: 103155
Ion Ratio Lower Upper
168 100
99 54.0 39.1 58.7



#11
Tert butyl alcohol
Concen: 12.468 ug/l
RT: 4.911 min Scan# 507
Delta R.T. -0.031 min
Lab File: VY018845.D
Acq: 17 Jul 2024 13:34

Tgt Ion: 59 Resp: 1282
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 2.608 ug/l

RT: 3.936 min Scan# 347

Delta R.T. 0.000 min

Lab File: VY018845.D

Acq: 17 Jul 2024 13:34

Instrument :

MSVOA_Y

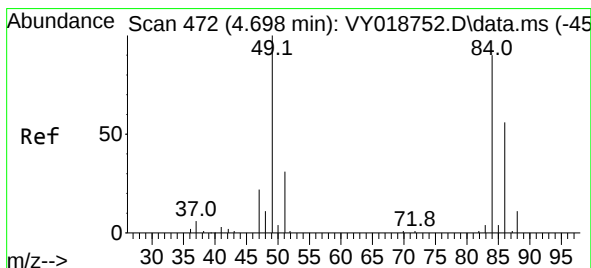
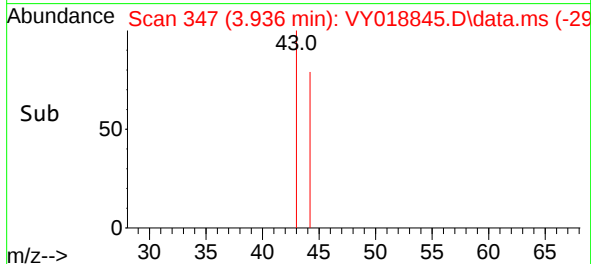
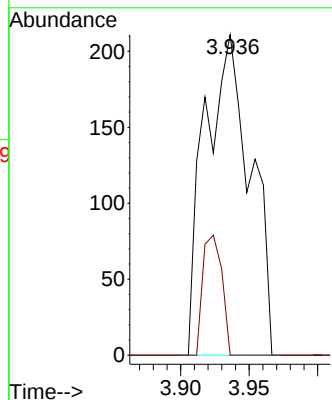
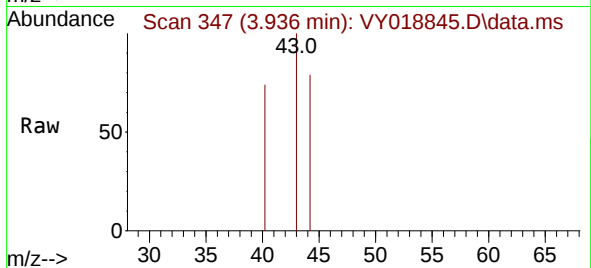
ClientSampleId :

Tgt Ion: 43 Resp: 488

Ion Ratio Lower Upper

43 100

58 0.0 31.7 47.5#



#20

Methylene Chloride

Concen: 6.443 ug/l

RT: 4.698 min Scan# 472

Delta R.T. 0.000 min

Lab File: VY018845.D

Acq: 17 Jul 2024 13:34

Tgt Ion: 84 Resp: 11411

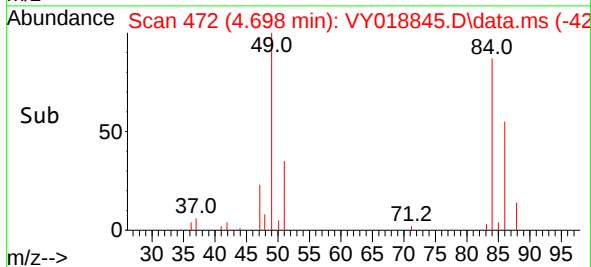
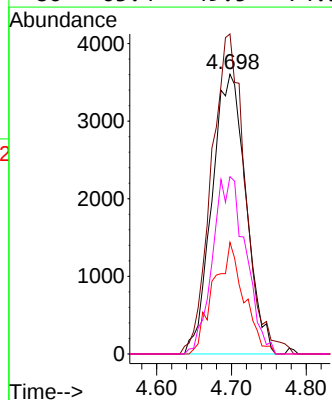
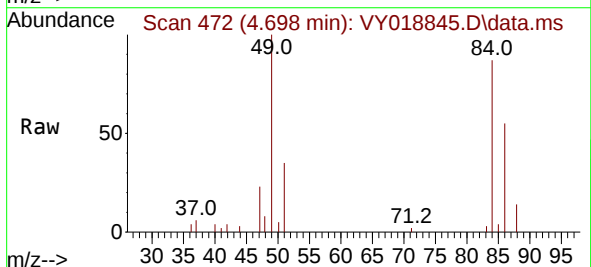
Ion Ratio Lower Upper

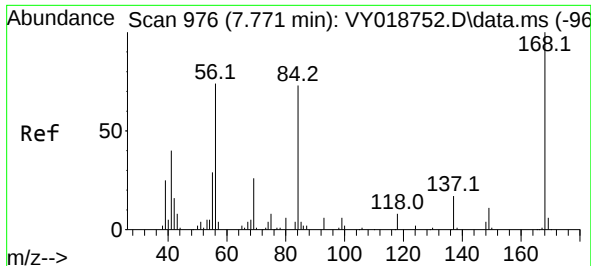
84 100

49 114.4 84.4 126.6

51 39.9 26.0 39.0#

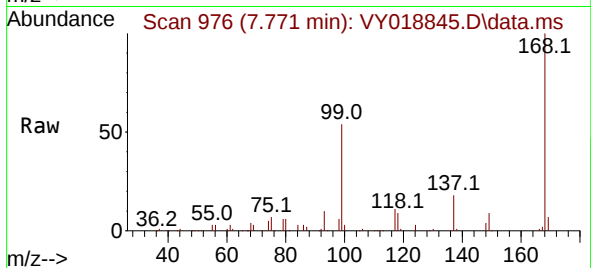
86 63.4 49.5 74.3



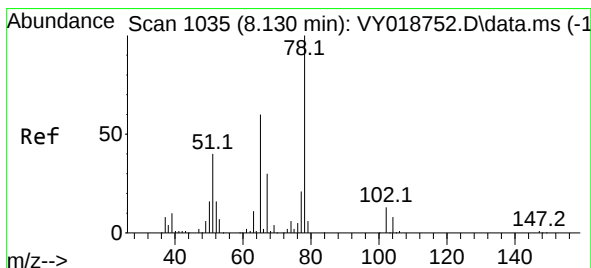
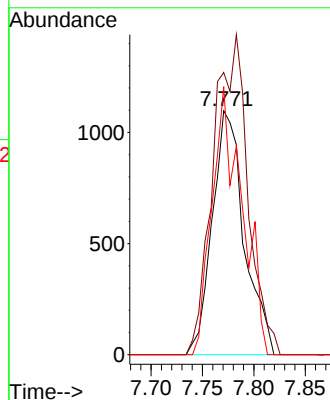
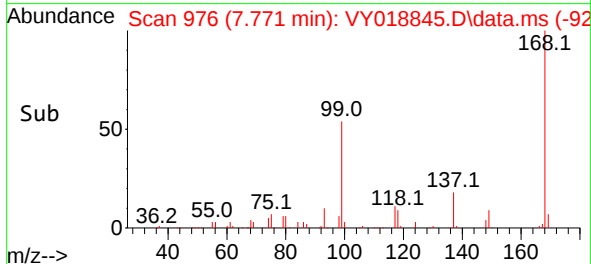


#31
Cyclohexane
Concen: 1.515 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018845.D
Acq: 17 Jul 2024 13:34

Instrument :
MSVOA_Y
ClientSampleId :

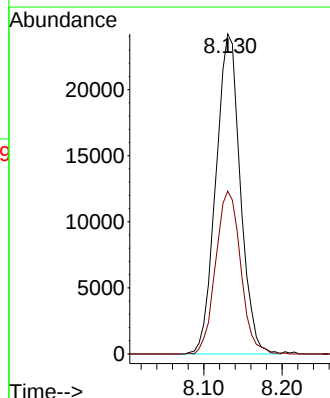
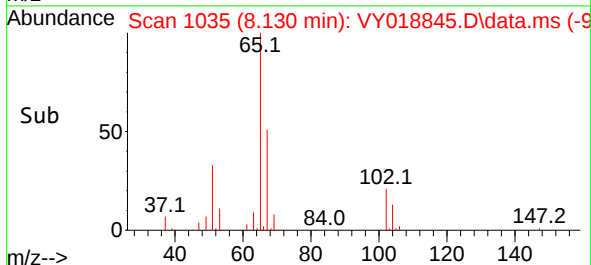
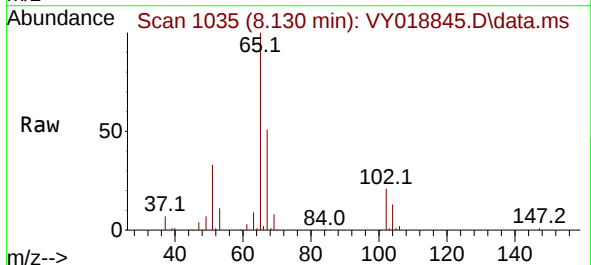


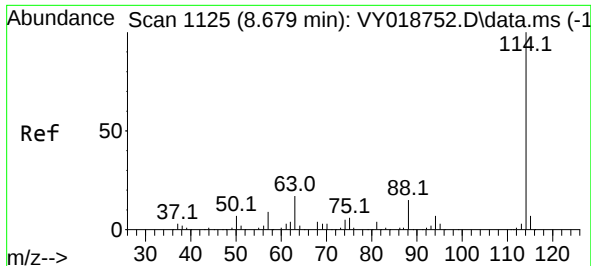
Tgt Ion: 56 Resp: 2363
Ion Ratio Lower Upper
56 100
69 115.8 28.7 43.1#
84 109.9 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 51.771 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018845.D
Acq: 17 Jul 2024 13:34

Tgt Ion: 65 Resp: 52551
Ion Ratio Lower Upper
65 100
67 52.1 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY018845.D

Acq: 17 Jul 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

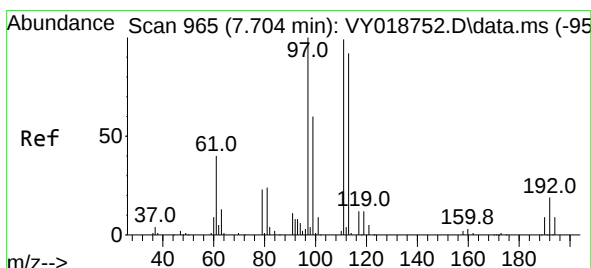
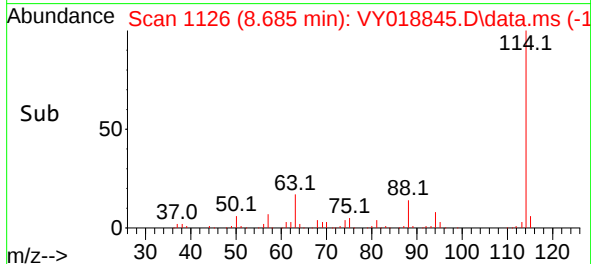
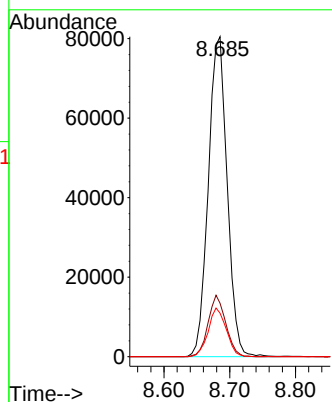
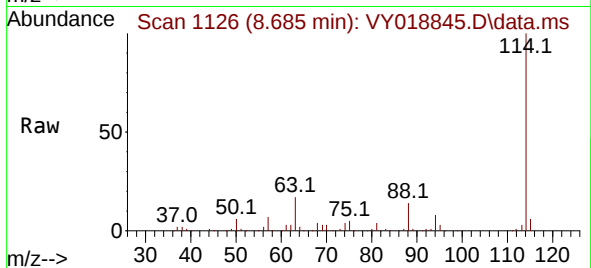
Tgt Ion:114 Resp: 160471

Ion Ratio Lower Upper

114 100

63 16.7 0.0 35.0

88 13.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.053 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018845.D

Acq: 17 Jul 2024 13:34

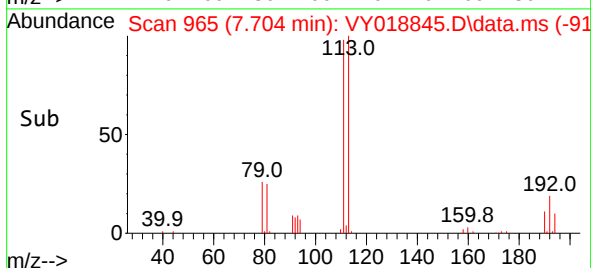
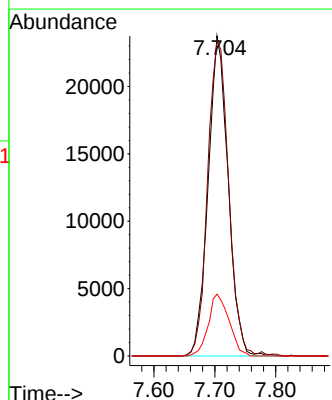
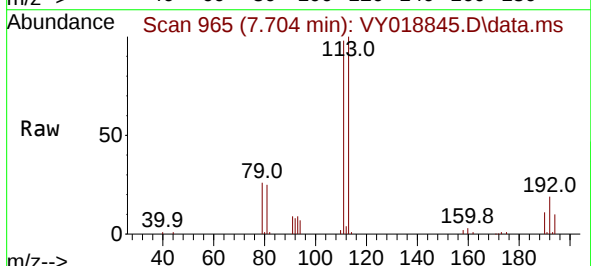
Tgt Ion:113 Resp: 54327

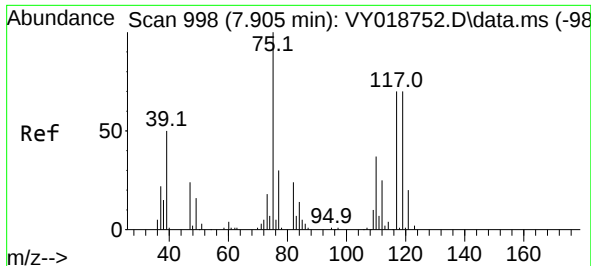
Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.4

192 19.9 15.9 23.9

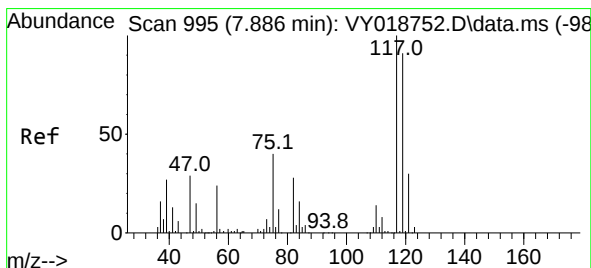
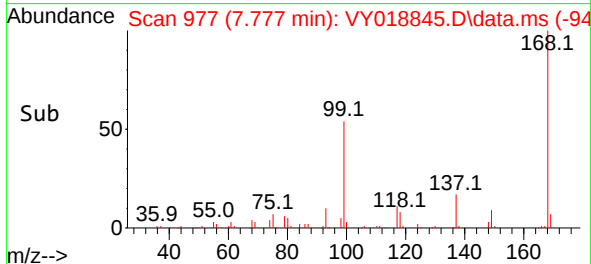
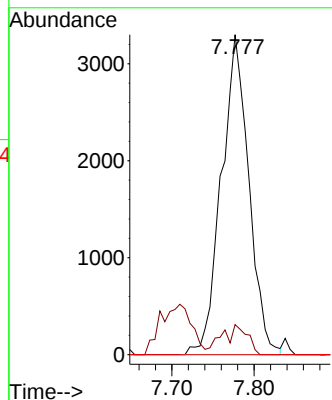
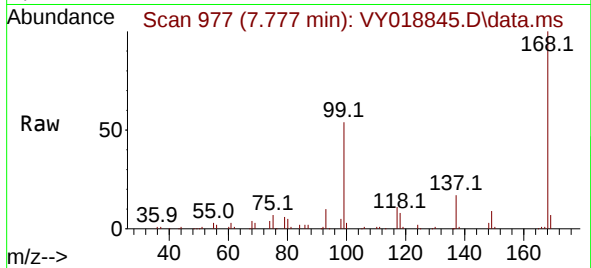




#36
 1,1-Dichloropropene
 Concen: 5.517 ug/l
 RT: 7.777 min Scan# 911
 Delta R.T. -0.128 min
 Lab File: VY018845.D
 Acq: 17 Jul 2024 13:34

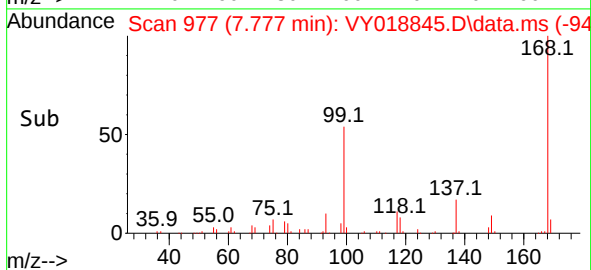
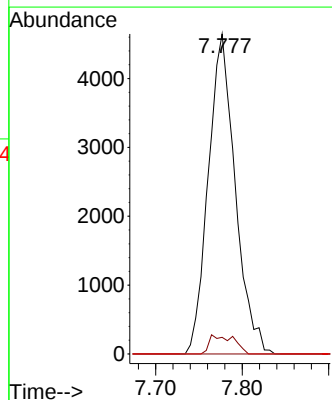
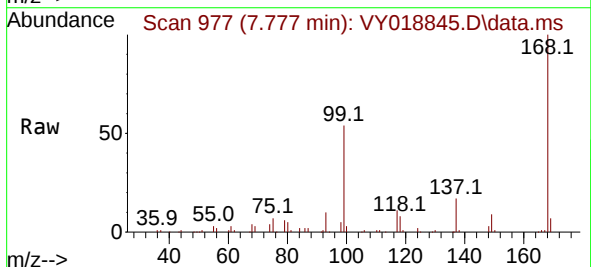
Instrument :
 MSVOA_Y
 ClientSampleId :

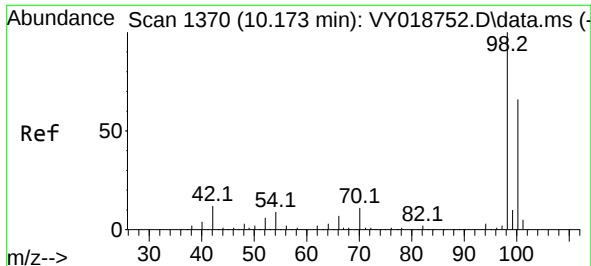
Tgt Ion: 75 Resp: 7652
 Ion Ratio Lower Upper
 75 100
 110 8.8 19.0 57.0#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 6.019 ug/l
 RT: 7.777 min Scan# 977
 Delta R.T. -0.110 min
 Lab File: VY018845.D
 Acq: 17 Jul 2024 13:34

Tgt Ion: 117 Resp: 10055
 Ion Ratio Lower Upper
 117 100
 119 5.2 75.8 113.6#
 121 0.0 24.0 36.0#

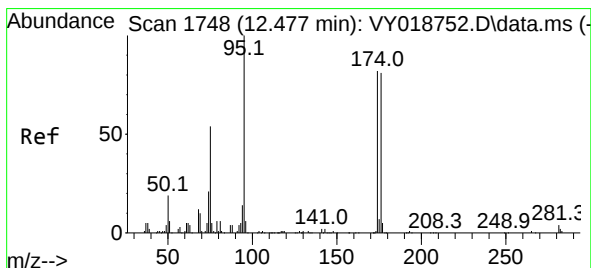
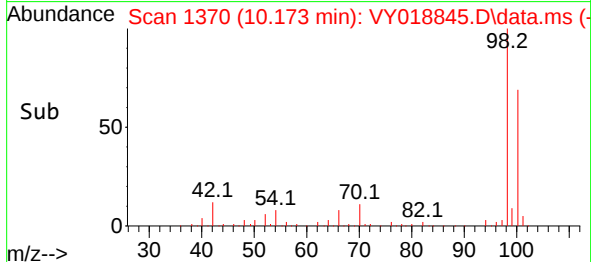
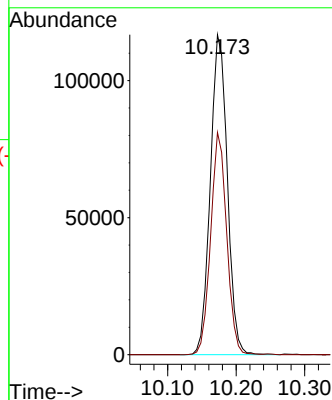
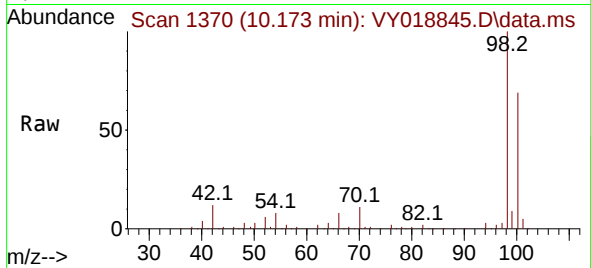




#50
Toluene-d8
Concen: 52.862 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018845.D
Acq: 17 Jul 2024 13:34

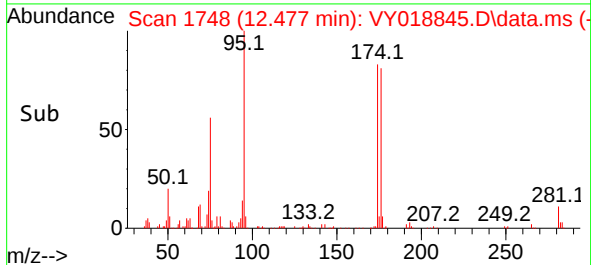
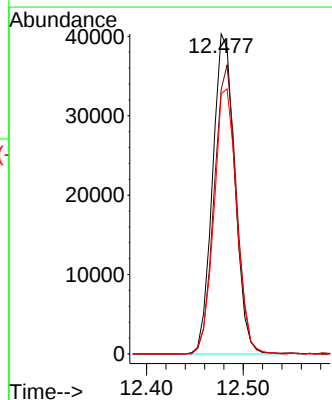
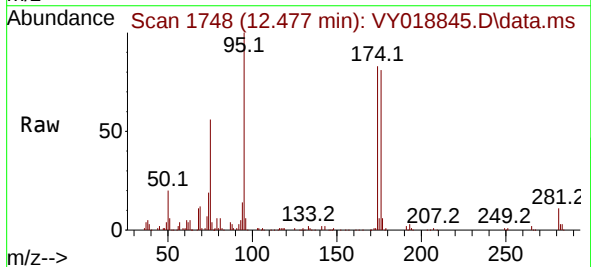
Instrument :
MSVOA_Y
ClientSampleId :

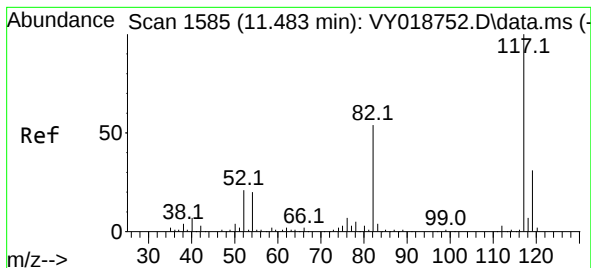
Tgt Ion: 98 Resp: 201287
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.370 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018845.D
Acq: 17 Jul 2024 13:34

Tgt Ion: 95 Resp: 64199
Ion Ratio Lower Upper
95 100
174 90.5 0.0 175.6
176 85.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018845.D

Acq: 17 Jul 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

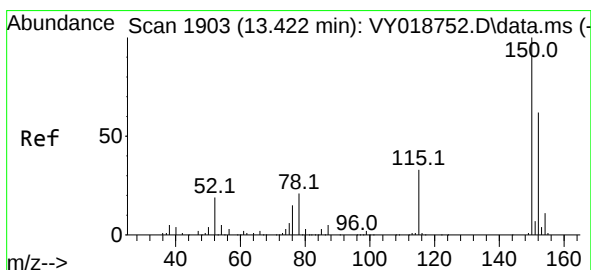
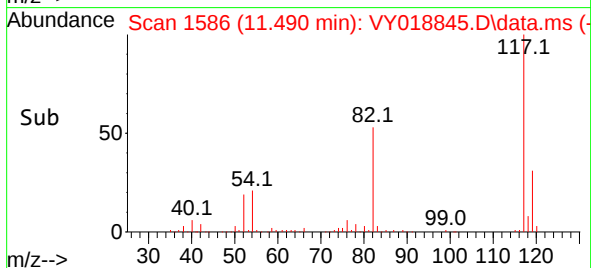
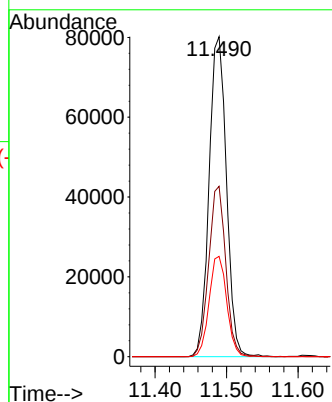
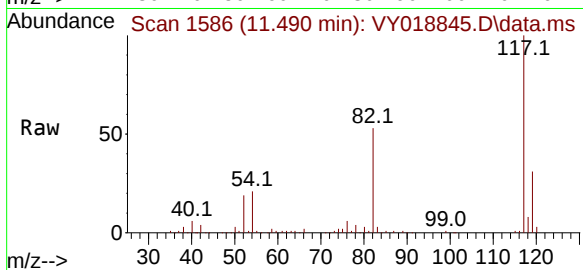
Tgt Ion:117 Resp: 135043

Ion Ratio Lower Upper

117 100

82 53.3 42.4 63.6

119 31.4 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: VY018845.D

Acq: 17 Jul 2024 13:34

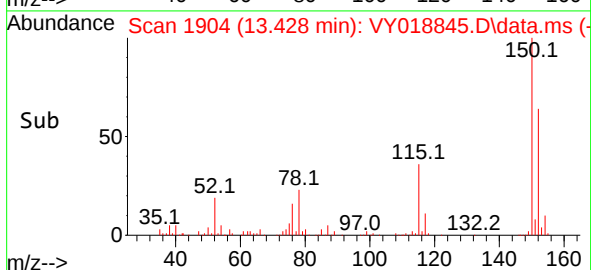
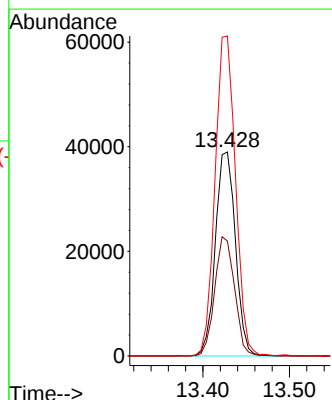
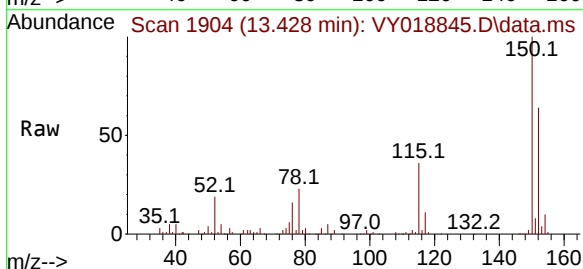
Tgt Ion:152 Resp: 62824

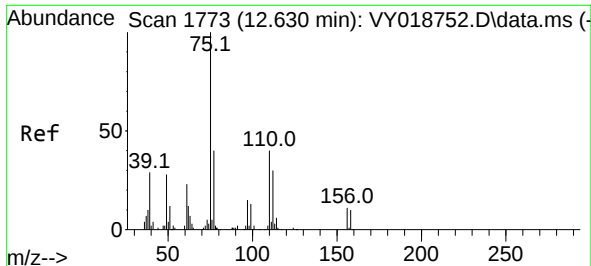
Ion Ratio Lower Upper

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115 57.8 28.2 84.7

150 159.5 0.0 345.6

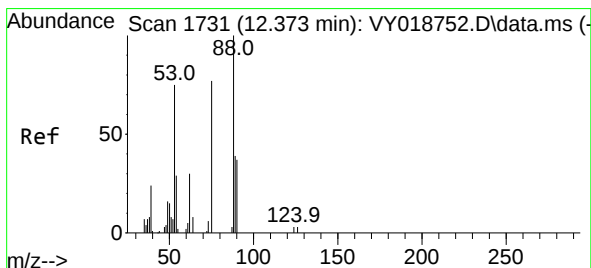
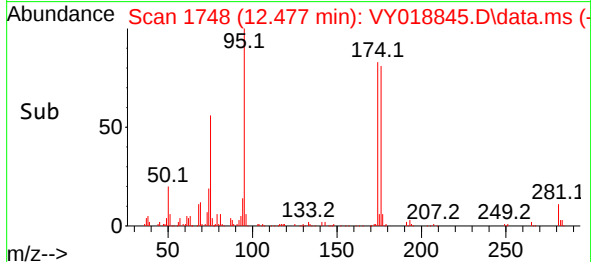
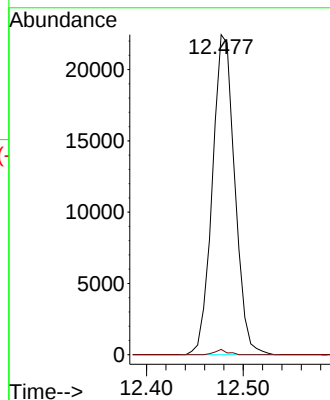
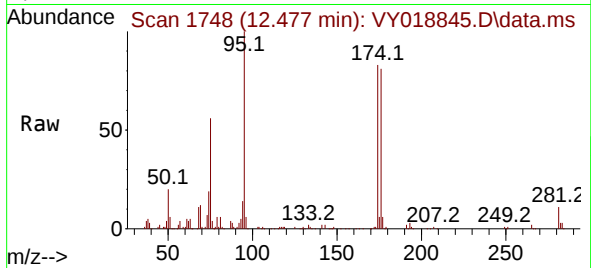




#76
1,2,3-Trichloropropane
Concen: 73.399 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.153 min
Lab File: VY018845.D
Acq: 17 Jul 2024 13:34

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 36116
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 164.271 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018845.D
Acq: 17 Jul 2024 13:34

Tgt Ion: 75 Resp: 36116
Ion Ratio Lower Upper
75 100
53 0.2 66.8 100.2#
89 0.3 35.8 53.6#

