

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062824\
 Data File : VY018731.D
 Acq On : 28 Jun 2024 16:13
 Operator : SY/MD
 Sample : P3135-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 01 01:47:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

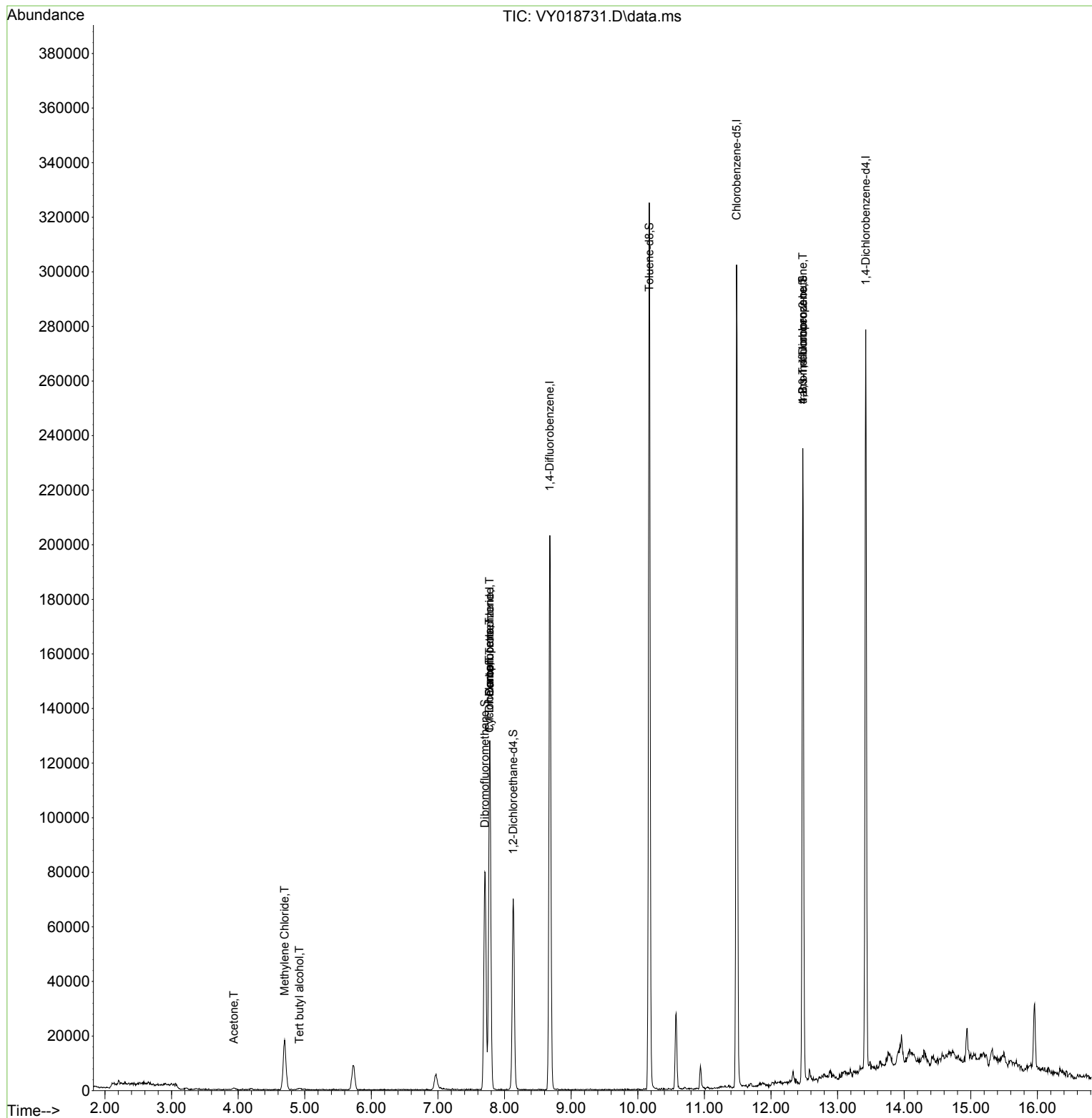
Internal Standards						
1) Pentafluorobenzene	7.777	168	102835	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	185680	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	171898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	72401	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	52680	50.882	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.760%	
35) Dibromofluoromethane	7.704	113	58355	51.519	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.040%	
50) Toluene-d8	10.173	98	216895	49.794	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.580%	
62) 4-Bromofluorobenzene	12.477	95	67068	48.760	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.520%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.918	59	448	2.406	ug/l #	88
16) Acetone	3.936	43	1335	6.338	ug/l #	59
20) Methylene Chloride	4.698	84	14501	2.694	ug/l #	93
31) Cyclohexane	7.771	56	1975	1.245	ug/l #	46
36) 1,1-Dichloropropene	7.771	75	7340	4.708	ug/l #	49
38) Carbon Tetrachloride	7.777	117	9749	5.960	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	35400	52.124	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	35400	136.532	ug/l #	16

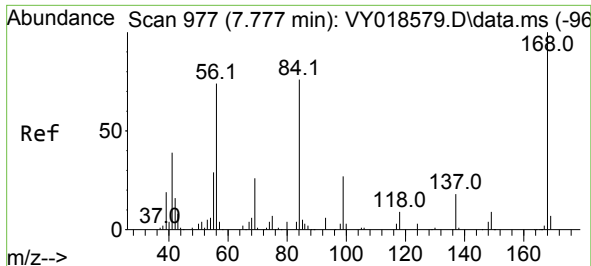
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062824\
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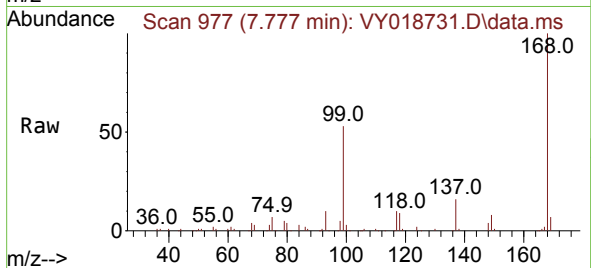
Quant Time: Jul 01 01:47:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 14 07:08:24 2024
Response via : Initial Calibration



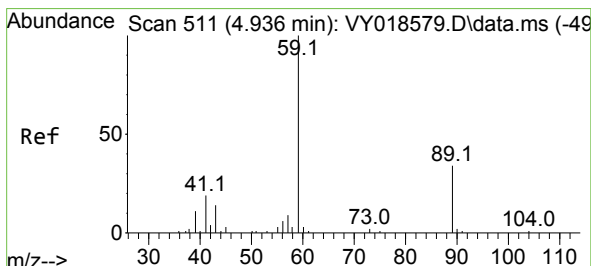
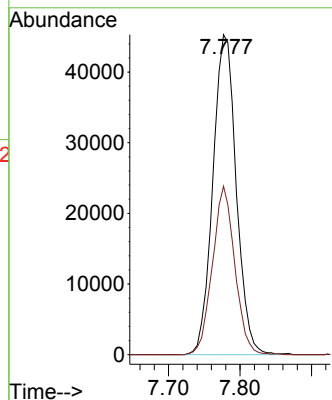
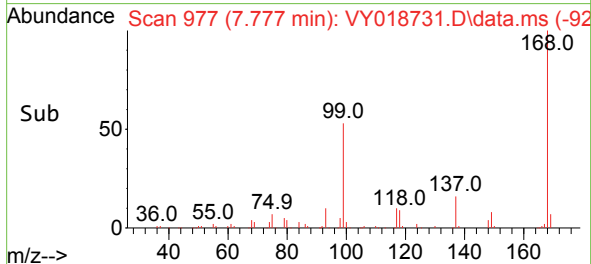


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018731.D
Acq: 28 Jun 2024 16:13

Instrument :
MSVOA_Y
ClientSampleId :

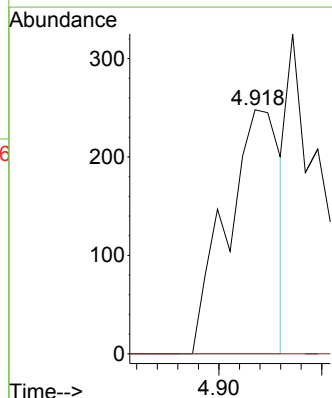
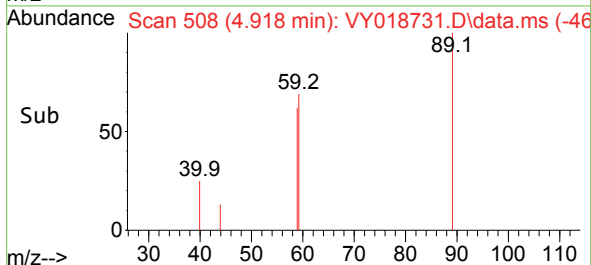
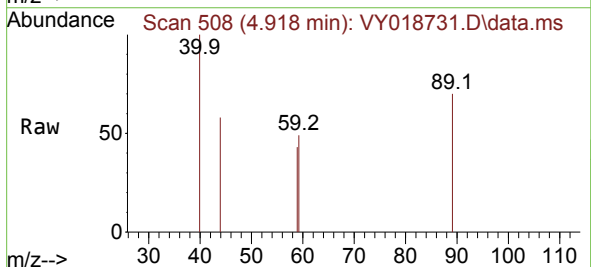


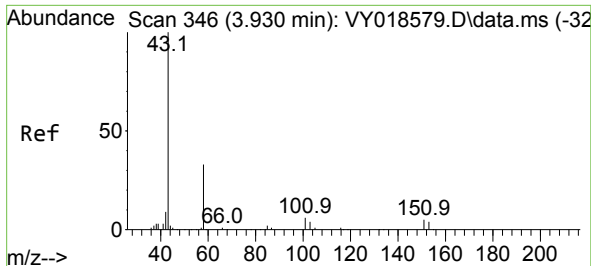
Tgt Ion:168 Resp: 102835
Ion Ratio Lower Upper
168 100
99 52.6 39.1 58.7



#11
Tert butyl alcohol
Concen: 2.406 ug/l
RT: 4.918 min Scan# 508
Delta R.T. -0.018 min
Lab File: VY018731.D
Acq: 28 Jun 2024 16:13

Tgt Ion: 59 Resp: 448
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 6.338 ug/l

RT: 3.936 min Scan# 346

Delta R.T. 0.006 min

Lab File: VY018731.D

Acq: 28 Jun 2024 16:13

Instrument :

MSVOA_Y

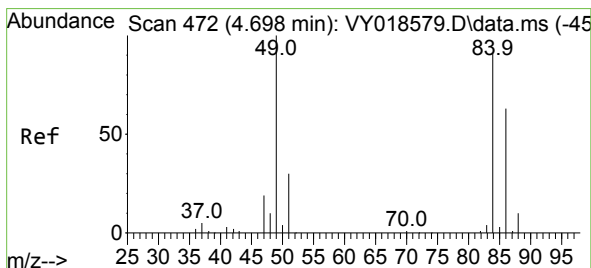
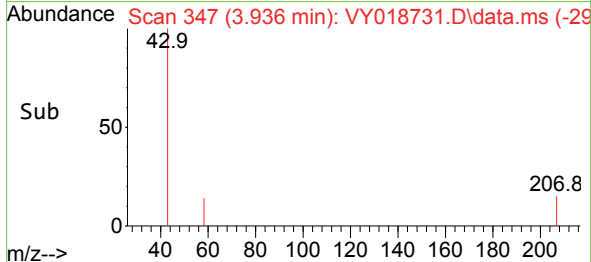
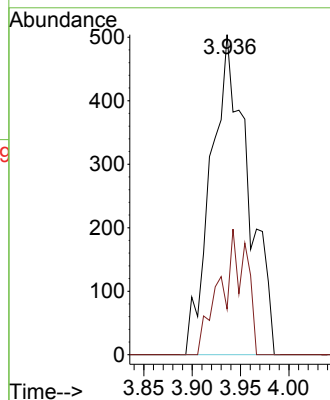
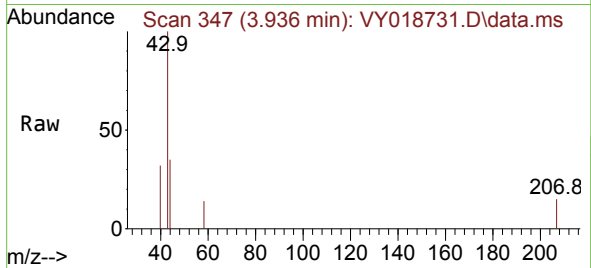
ClientSampleId :

Tgt Ion: 43 Resp: 1335

Ion Ratio Lower Upper

43 100

58 14.3 31.7 47.5#



#20

Methylene Chloride

Concen: 2.694 ug/l

RT: 4.698 min Scan# 472

Delta R.T. 0.000 min

Lab File: VY018731.D

Acq: 28 Jun 2024 16:13

Tgt Ion: 84 Resp: 14501

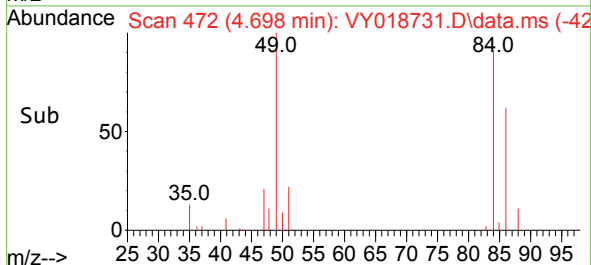
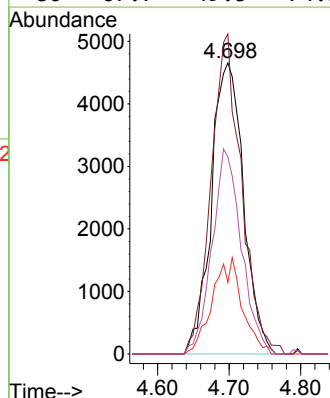
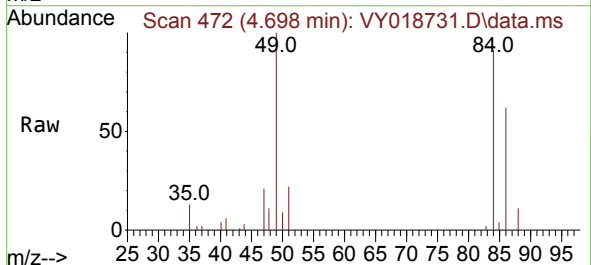
Ion Ratio Lower Upper

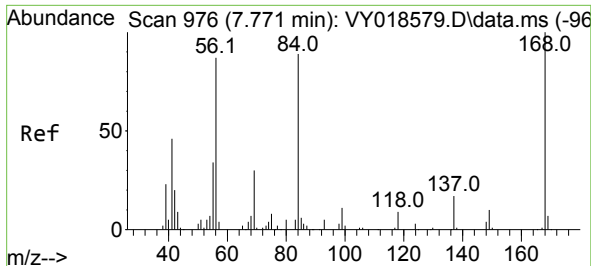
84 100

49 110.0 84.4 126.6

51 24.6 26.0 39.0#

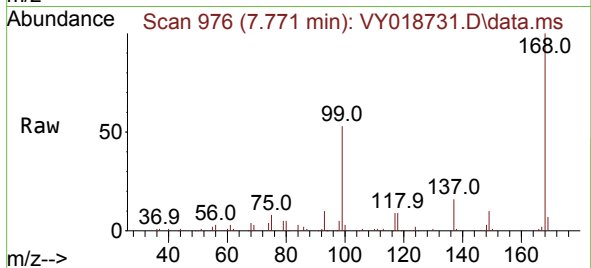
86 67.7 49.5 74.3



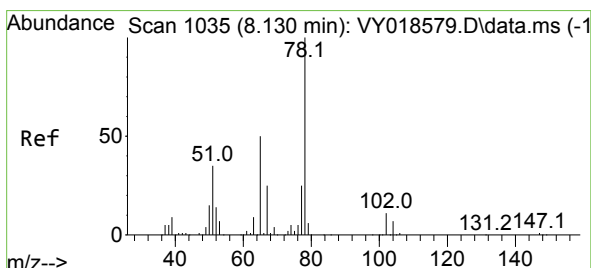
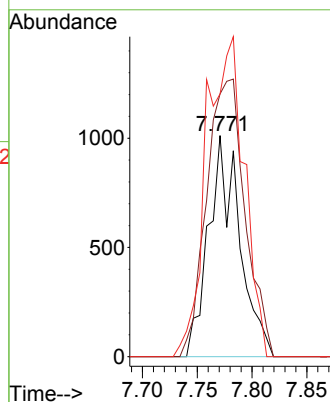
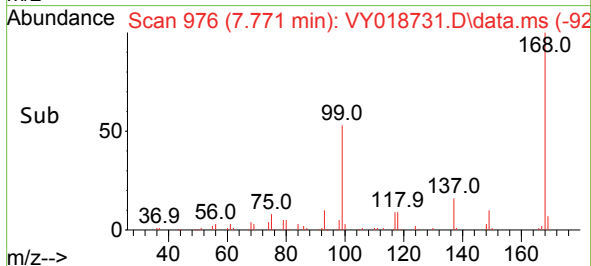


#31
Cyclohexane
Concen: 1.245 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018731.D
Acq: 28 Jun 2024 16:13

Instrument :
MSVOA_Y
ClientSampleId :

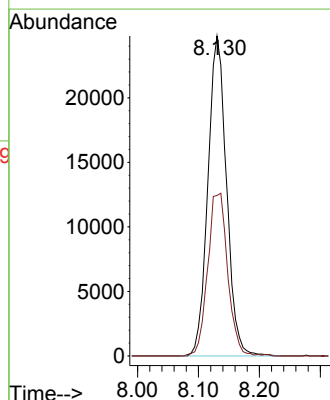
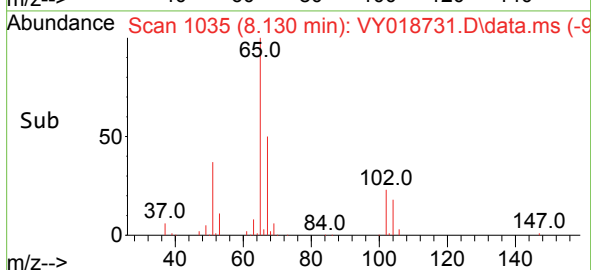
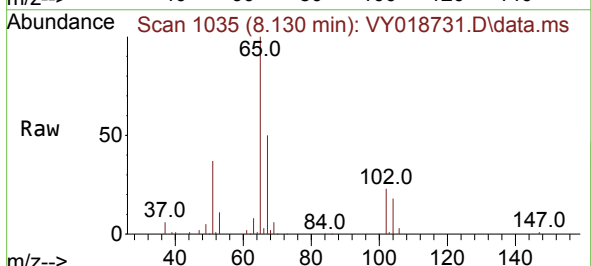


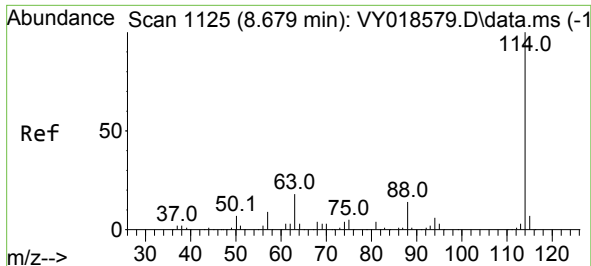
Tgt Ion: 56 Resp: 1975
Ion Ratio Lower Upper
56 100
69 118.9 28.7 43.1#
84 118.9 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 50.882 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018731.D
Acq: 28 Jun 2024 16:13

Tgt Ion: 65 Resp: 52680
Ion Ratio Lower Upper
65 100
67 54.7 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: VY018731.D

Acq: 28 Jun 2024 16:13

Instrument :

MSVOA_Y

ClientSampleId :

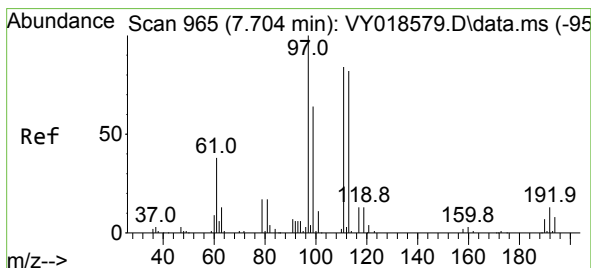
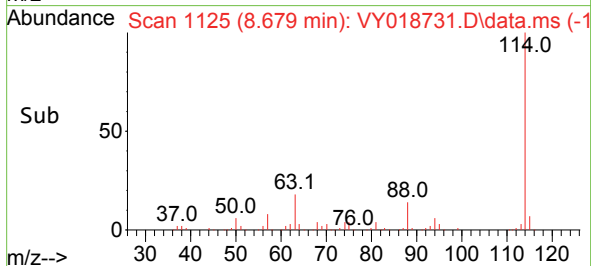
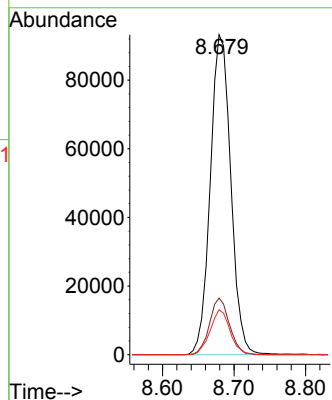
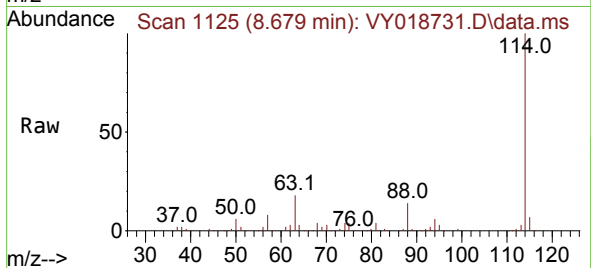
Tgt Ion:114 Resp: 185680

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

88 14.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.519 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018731.D

Acq: 28 Jun 2024 16:13

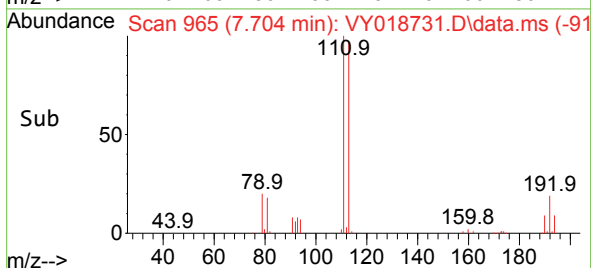
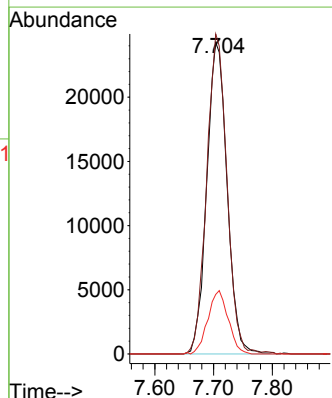
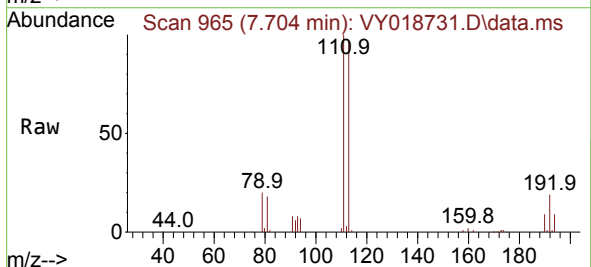
Tgt Ion:113 Resp: 58355

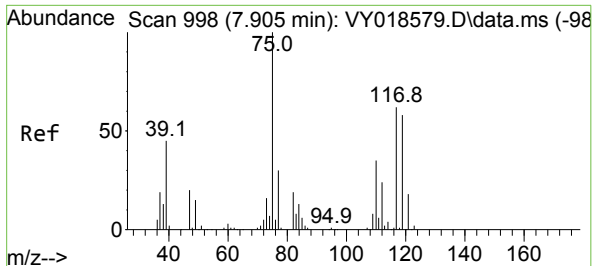
Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.4

192 20.3 15.9 23.9

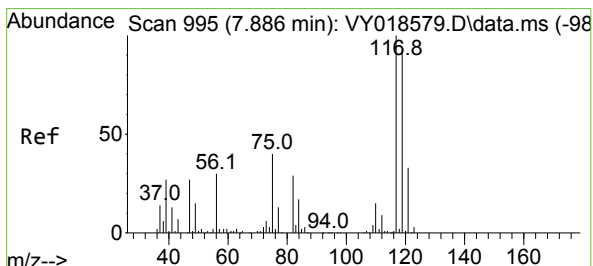
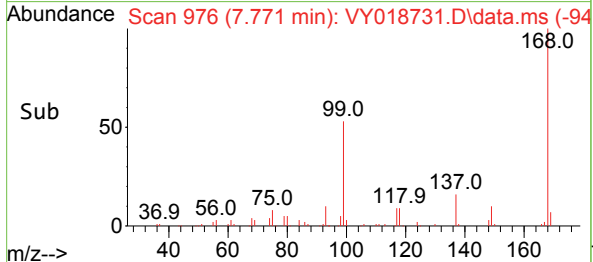
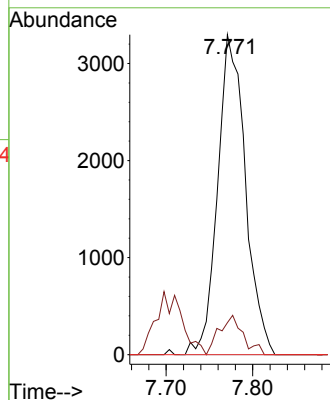
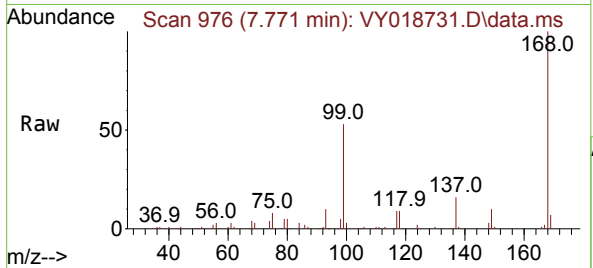




#36
1,1-Dichloropropene
Concen: 4.708 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY018731.D
Acq: 28 Jun 2024 16:13

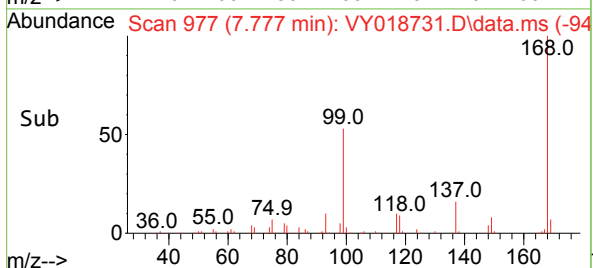
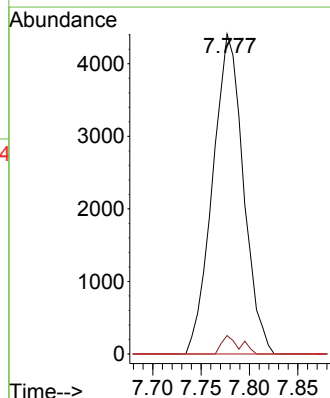
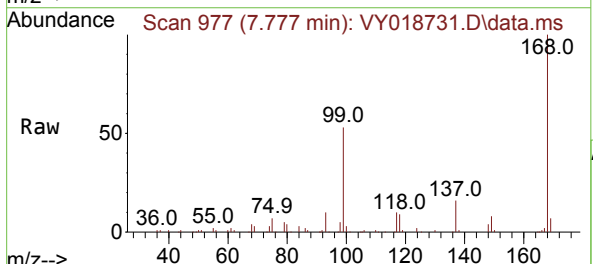
Instrument :
MSVOA_Y
ClientSampleId :

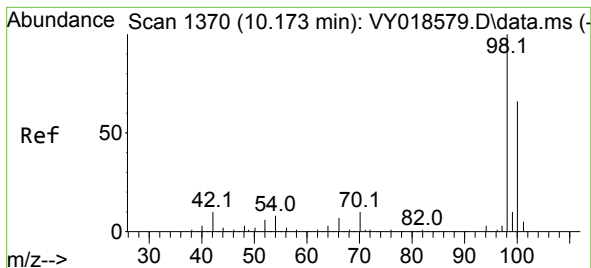
Tgt Ion: 75 Resp: 7340
Ion Ratio Lower Upper
75 100
110 10.6 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.960 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.110 min
Lab File: VY018731.D
Acq: 28 Jun 2024 16:13

Tgt Ion: 117 Resp: 9749
Ion Ratio Lower Upper
117 100
119 5.8 75.8 113.6#
121 0.0 24.0 36.0#

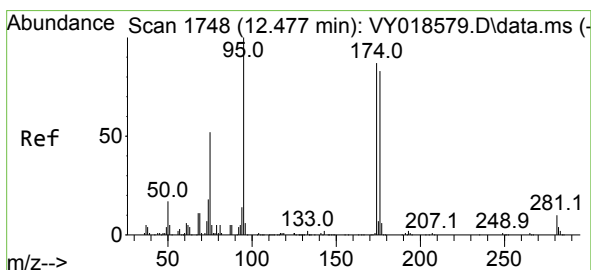
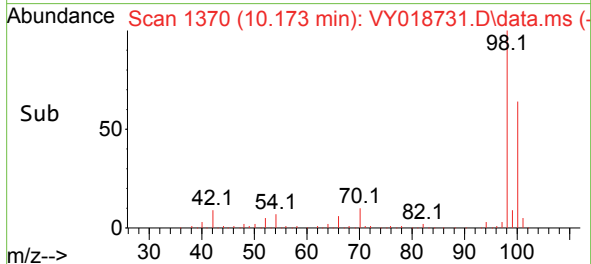
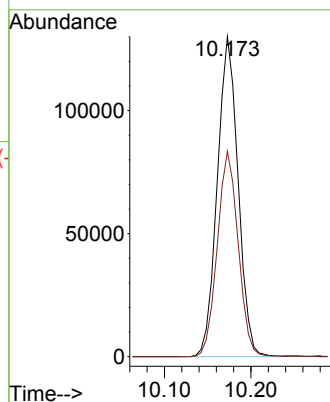
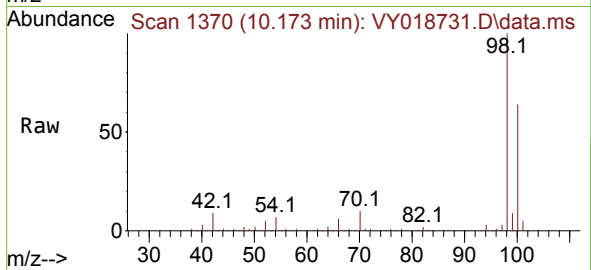




#50
Toluene-d8
Concen: 49.794 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018731.D
Acq: 28 Jun 2024 16:13

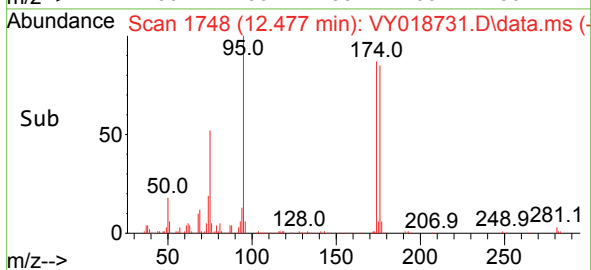
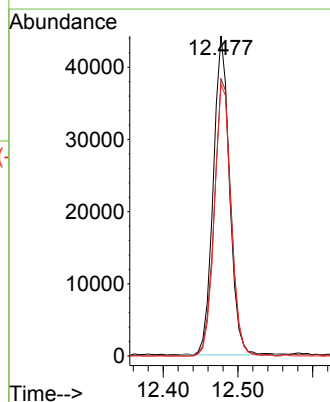
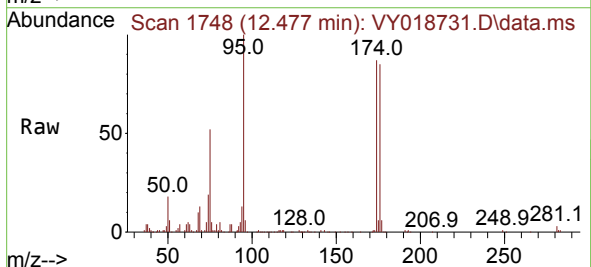
Instrument :
MSVOA_Y
ClientSampleId :

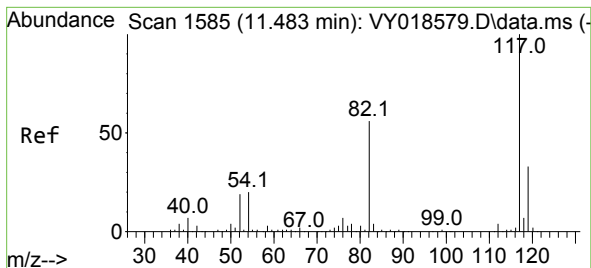
Tgt Ion: 98 Resp: 216895
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.760 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018731.D
Acq: 28 Jun 2024 16:13

Tgt Ion: 95 Resp: 67068
Ion Ratio Lower Upper
95 100
174 89.7 0.0 175.6
176 87.4 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: VY018731.D

Acq: 28 Jun 2024 16:13

Instrument :

MSVOA_Y

ClientSampleId :

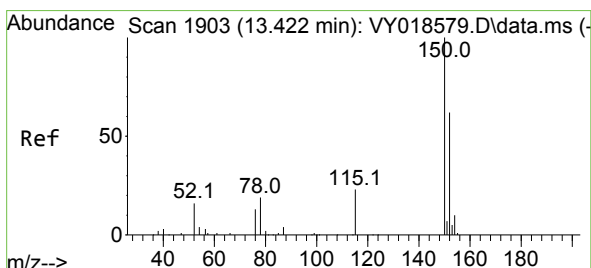
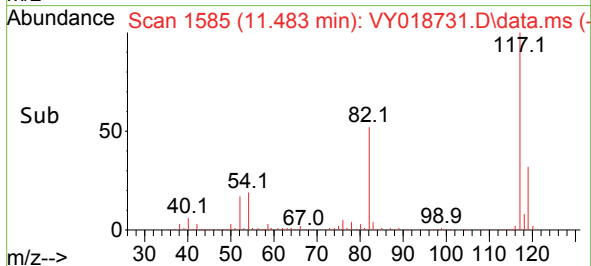
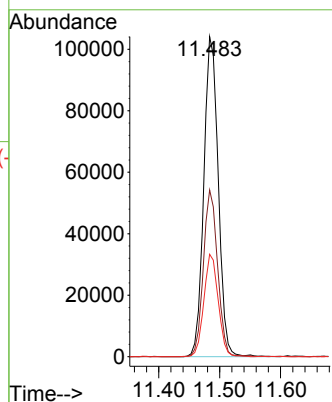
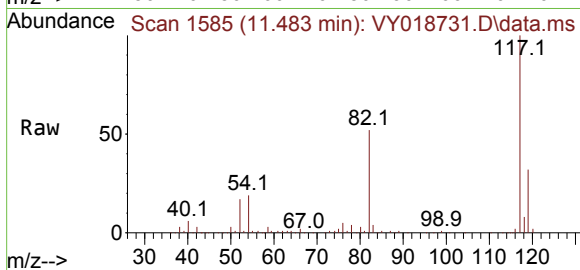
Tgt Ion:117 Resp: 171898

Ion Ratio Lower Upper

117 100

82 52.1 42.4 63.6

119 32.0 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018731.D

Acq: 28 Jun 2024 16:13

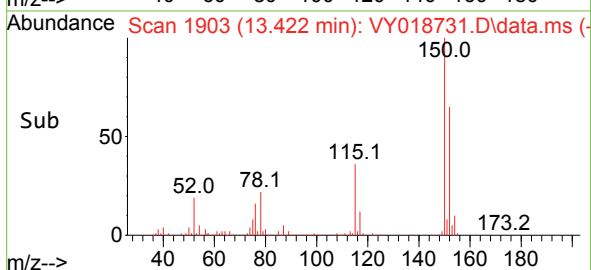
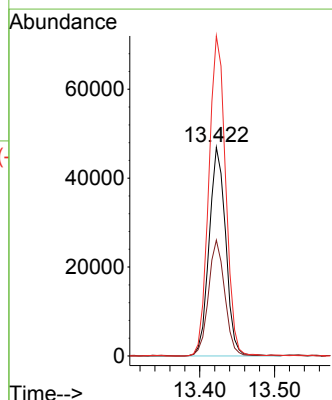
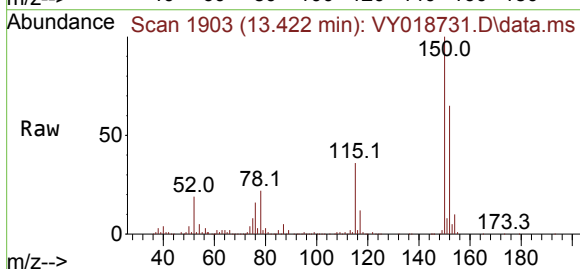
Tgt Ion:152 Resp: 72401

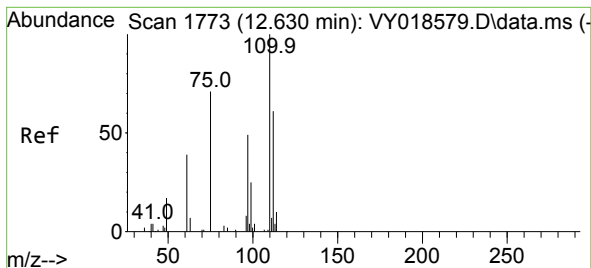
Ion Ratio Lower Upper

152 100

115 54.6 28.2 84.7

150 155.7 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 52.124 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY018731.D

Acq: 28 Jun 2024 16:13

Instrument :

MSVOA_Y

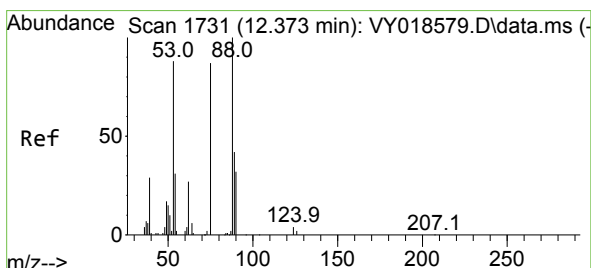
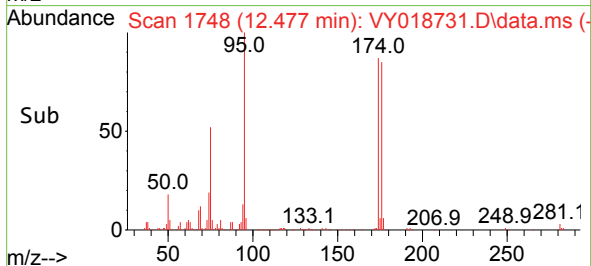
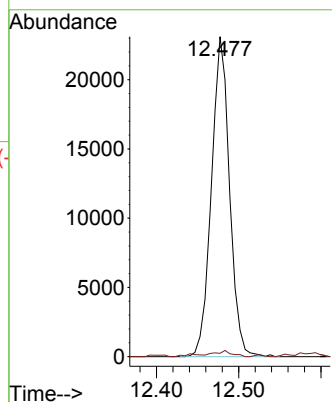
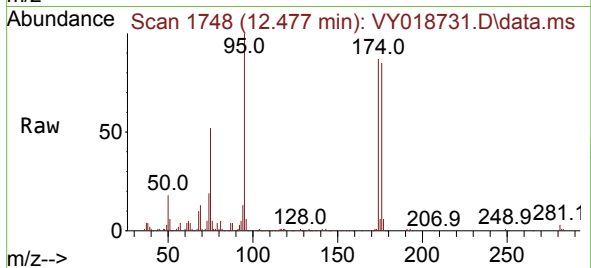
ClientSampleId :

Tgt Ion: 75 Resp: 35400

Ion Ratio Lower Upper

75 100

77 1.8 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 136.532 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.104 min

Lab File: VY018731.D

Acq: 28 Jun 2024 16:13

Tgt Ion: 75 Resp: 35400

Ion Ratio Lower Upper

75 100

53 0.4 66.8 100.2#

89 0.1 35.8 53.6#

