

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062824\
 Data File : VY018729.D
 Acq On : 28 Jun 2024 12:55
 Operator : SY/MD
 Sample : P3077-01
 Misc : 8.2g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 01 01:45:54 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)

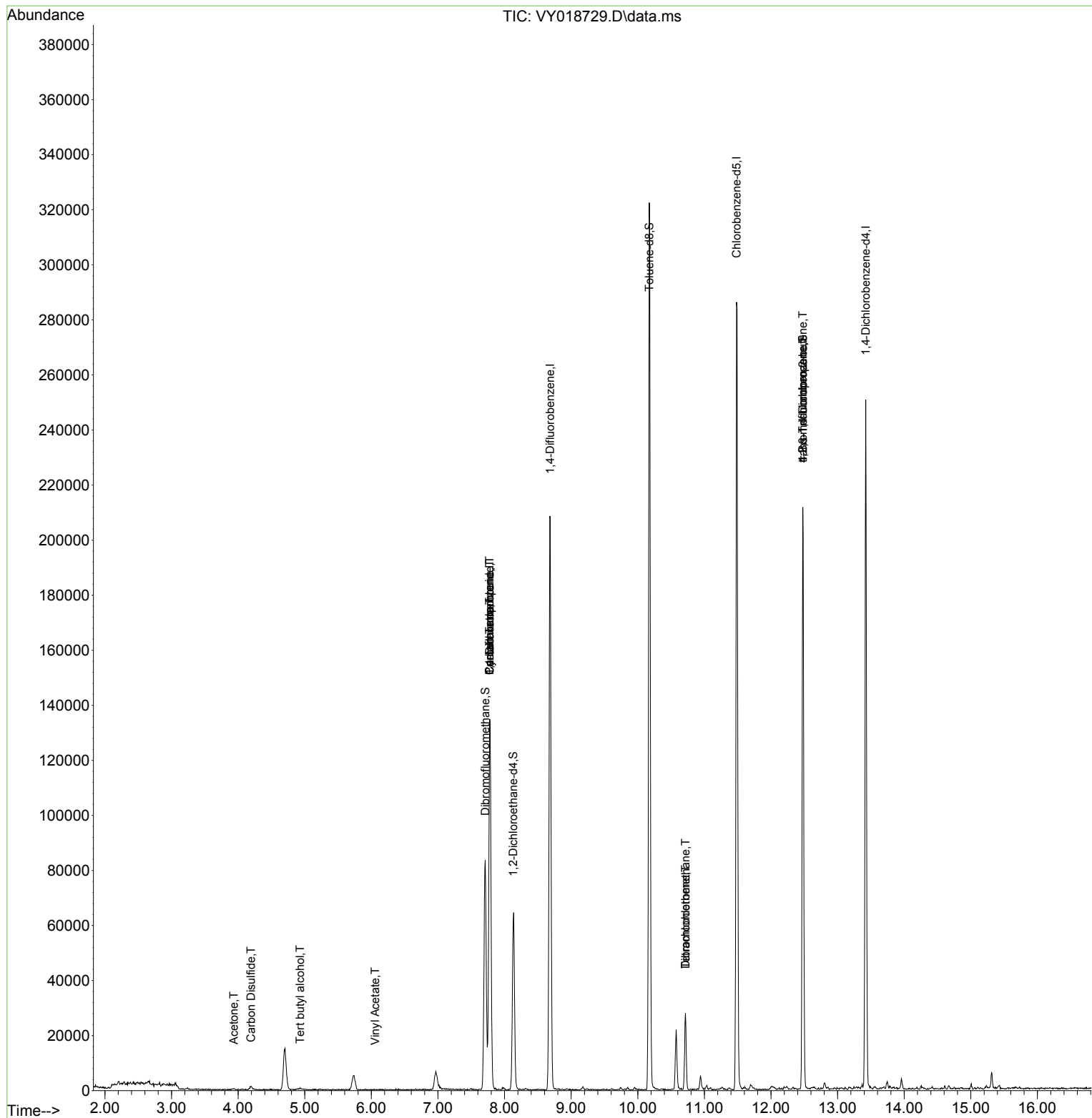
Internal Standards						
1) Pentafluorobenzene	7.777	168	109556	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	191402	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	172067	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	65936	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	49134	44.546	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.100%
35) Dibromofluoromethane	7.710	113	59909	51.310	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.620%
50) Toluene-d8	10.173	98	216707	48.263	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.520%
62) 4-Bromofluorobenzene	12.477	95	61767	43.564	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.120%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	624	3.145	ug/l #	88
16) Acetone	3.936	43	701	3.124	ug/l #	36
17) Carbon Disulfide	4.192	76	334	2.320	ug/l #	76
20) Methylene Chloride	4.692	84	11596	Below Cal		93
23) Vinyl Acetate	6.058	43	118	23.730	ug/l #	67
31) Cyclohexane	7.777	56	2202	1.303	ug/l #	7
36) 1,1-Dichloropropene	7.777	75	8329	5.182	ug/l #	50
38) Carbon Tetrachloride	7.777	117	10702	6.347	ug/l #	15
60) Dibromochloromethane	10.715	129	4892	4.199	ug/l #	10
64) Tetrachloroethene	10.715	164	5976	4.869	ug/l	94
76) 1,2,3-Trichloropropane	12.477	75	32729	52.916	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	32729	138.607	ug/l #	16

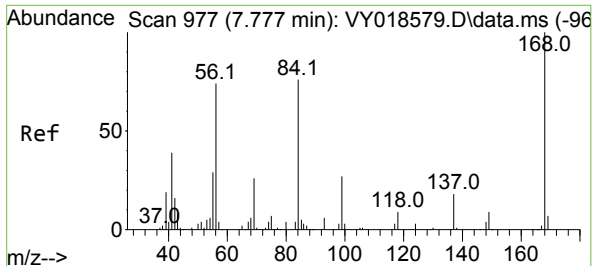
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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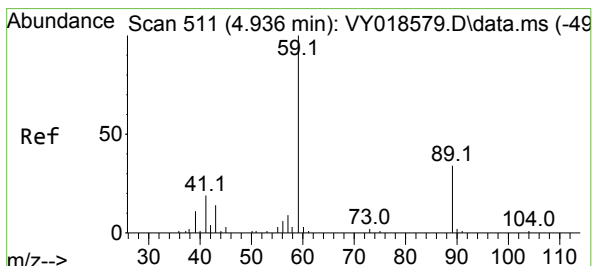
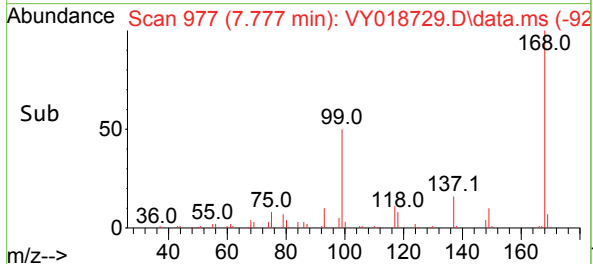
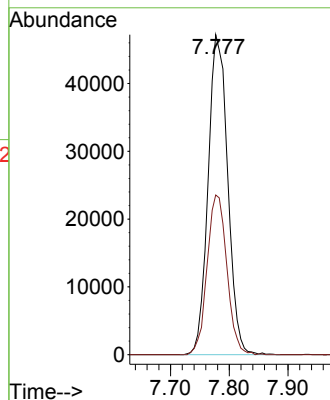
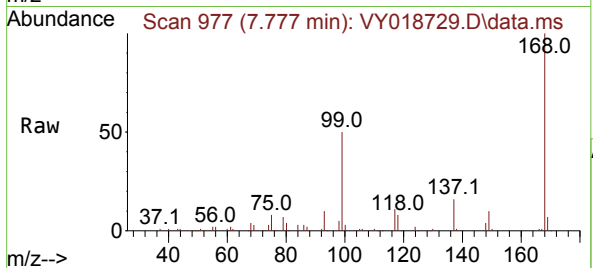




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018729.D
Acq: 28 Jun 2024 12:55

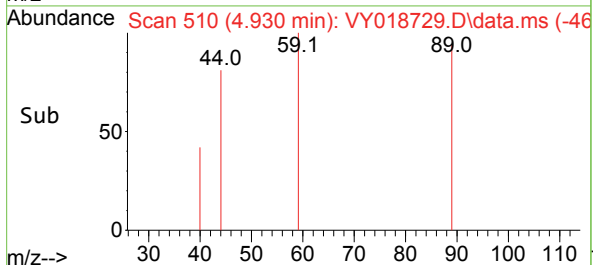
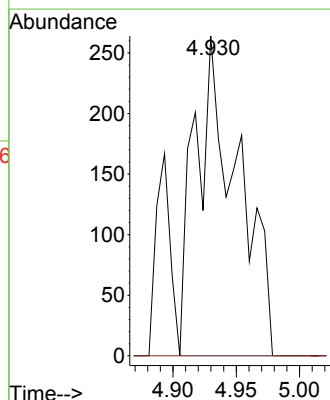
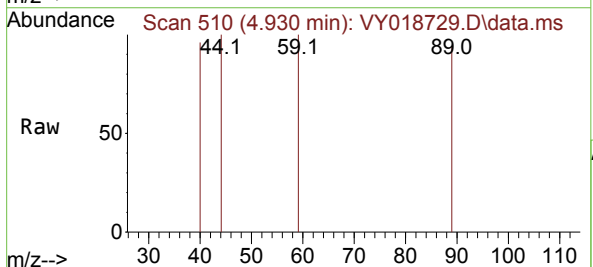
Instrument :
MSVOA_Y
ClientSampleId :

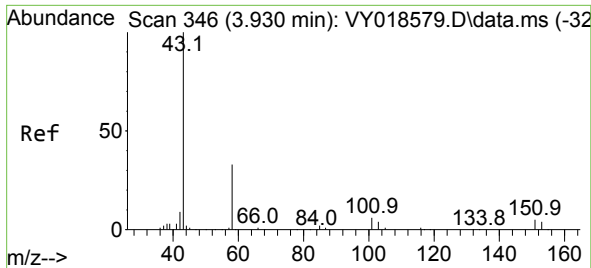
Tgt Ion:168 Resp: 109556
Ion Ratio Lower Upper
168 100
99 49.9 39.1 58.7



#11
Tert butyl alcohol
Concen: 3.145 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.006 min
Lab File: VY018729.D
Acq: 28 Jun 2024 12:55

Tgt Ion: 59 Resp: 624
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 3.124 ug/l

RT: 3.936 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY018729.D

Acq: 28 Jun 2024 12:55

Instrument :

MSVOA_Y

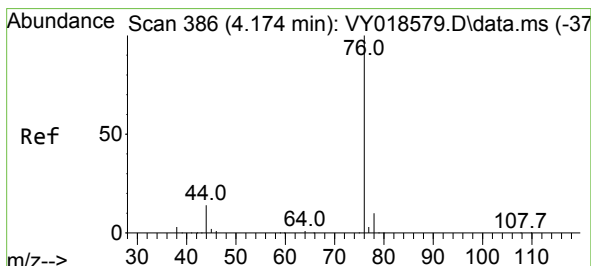
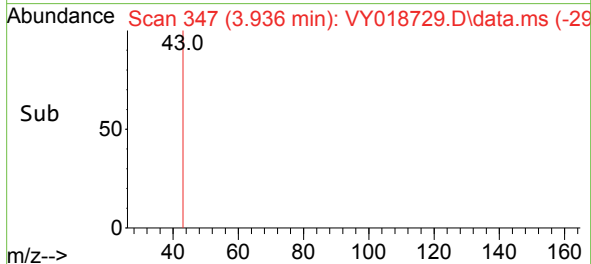
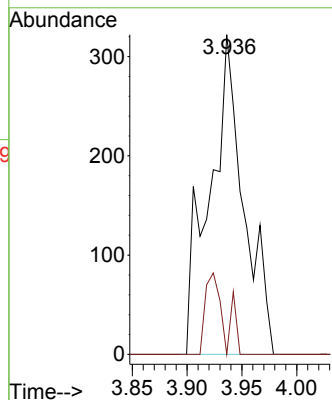
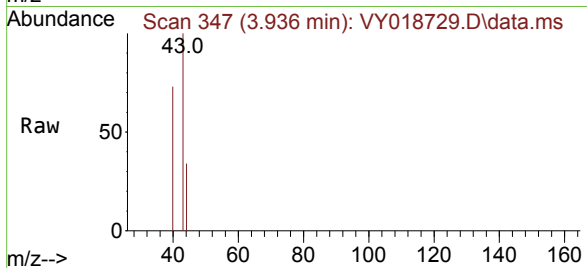
ClientSampleId :

Tgt Ion: 43 Resp: 701

Ion Ratio Lower Upper

43 100

58 0.0 31.7 47.5#



#17

Carbon Disulfide

Concen: 2.320 ug/l

RT: 4.192 min Scan# 389

Delta R.T. 0.018 min

Lab File: VY018729.D

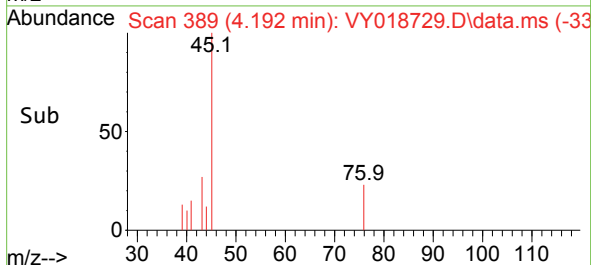
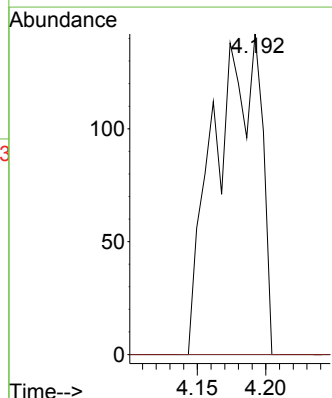
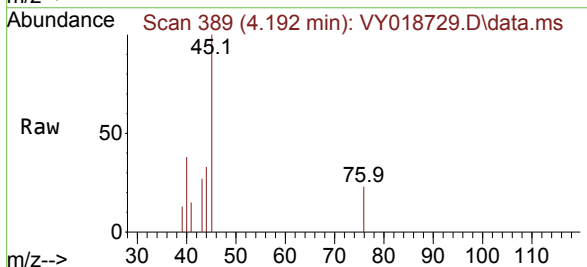
Acq: 28 Jun 2024 12:55

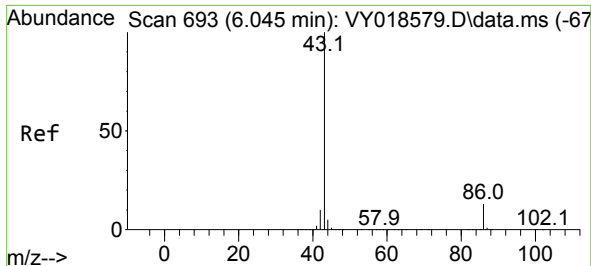
Tgt Ion: 76 Resp: 334

Ion Ratio Lower Upper

76 100

78 0.0 6.8 10.2#

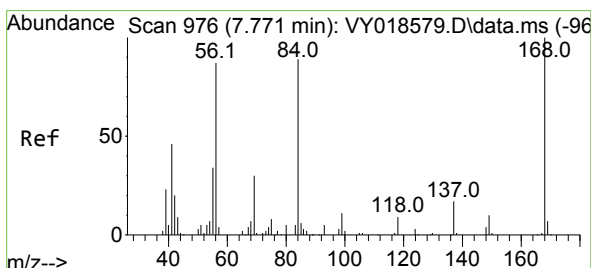
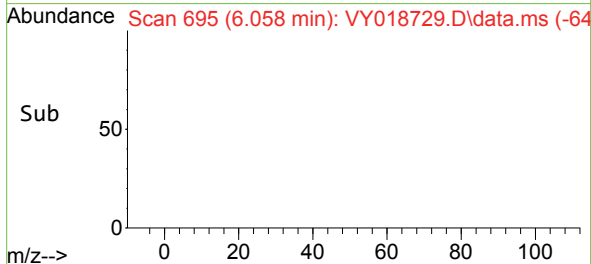
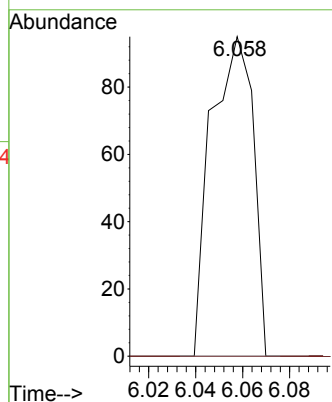
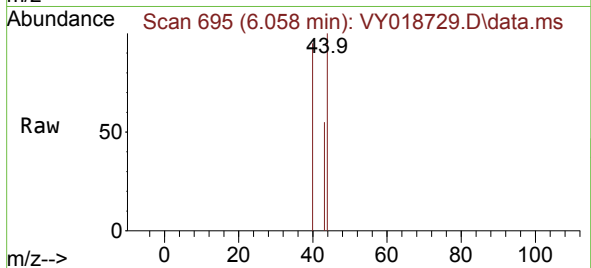




#23
 Vinyl Acetate
 Concen: 23.730 ug/l
 RT: 6.058 min Scan# 694
 Delta R.T. 0.013 min
 Lab File: VY018729.D
 Acq: 28 Jun 2024 12:55

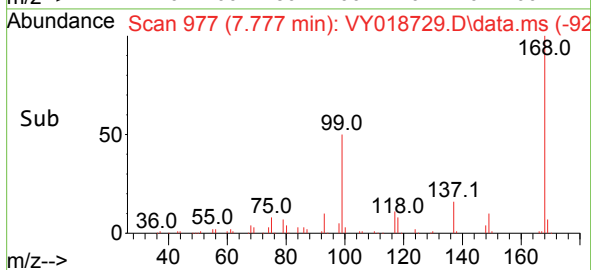
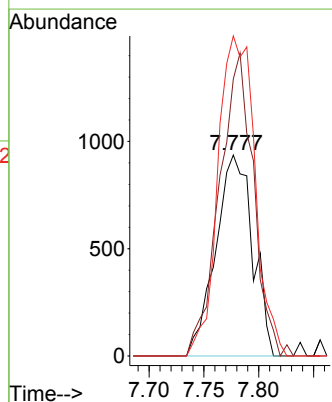
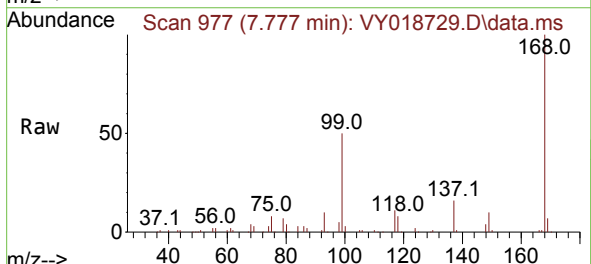
Instrument :
 MSVOA_Y
 ClientSampleId :

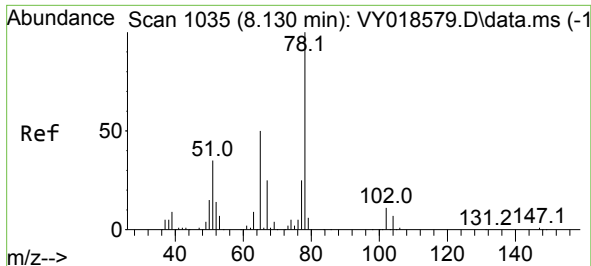
Tgt Ion: 43 Resp: 118
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.6 16.0#



#31
 Cyclohexane
 Concen: 1.303 ug/l
 RT: 7.777 min Scan# 977
 Delta R.T. 0.006 min
 Lab File: VY018729.D
 Acq: 28 Jun 2024 12:55

Tgt Ion: 56 Resp: 2202
 Ion Ratio Lower Upper
 56 100
 69 137.8 28.7 43.1#
 84 159.2 77.7 116.5#

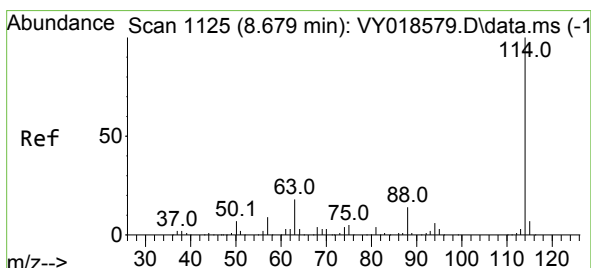
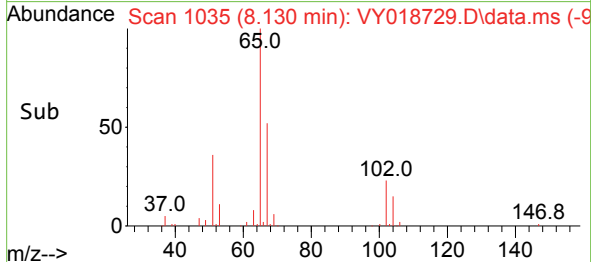
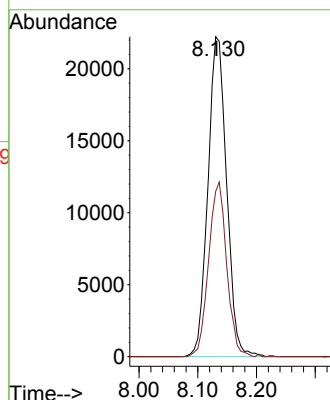
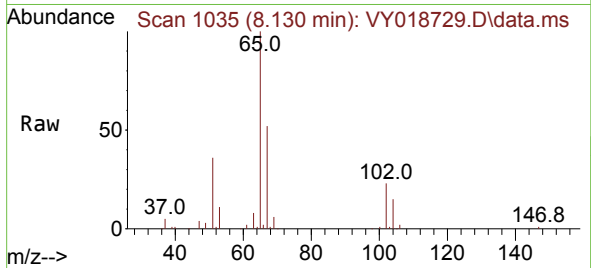




#33
1,2-Dichloroethane-d4
Concen: 44.546 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018729.D
Acq: 28 Jun 2024 12:55

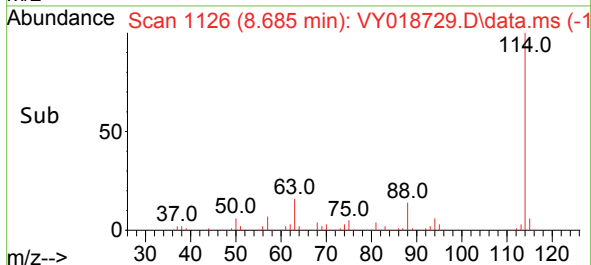
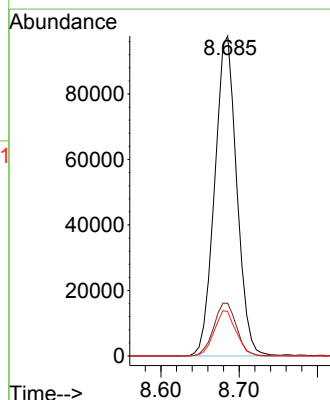
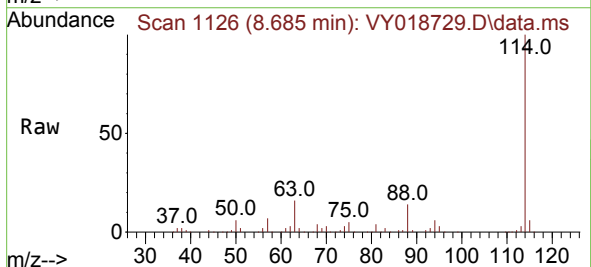
Instrument :
MSVOA_Y
ClientSampleId :

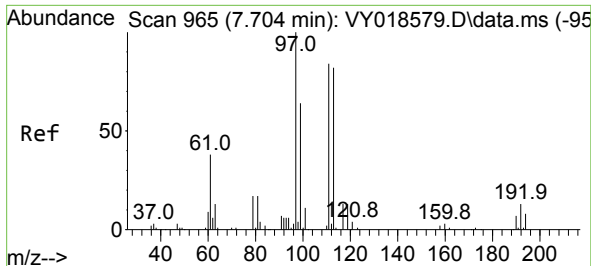
Tgt Ion: 65 Resp: 49134
Ion Ratio Lower Upper
65 100
67 52.8 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY018729.D
Acq: 28 Jun 2024 12:55

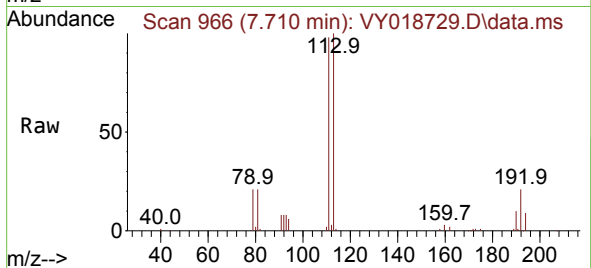
Tgt Ion:114 Resp: 191402
Ion Ratio Lower Upper
114 100
63 16.4 0.0 35.0
88 13.9 0.0 27.2



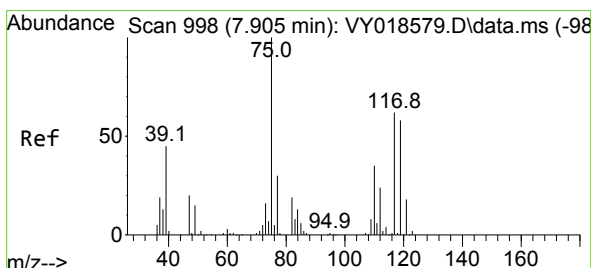
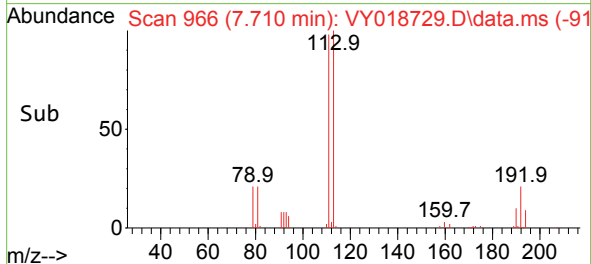
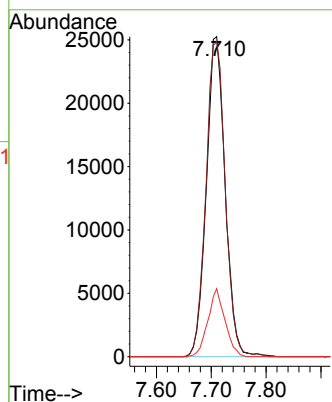


#35
Dibromofluoromethane
Concen: 51.310 ug/l
RT: 7.710 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY018729.D
Acq: 28 Jun 2024 12:55

Instrument :
MSVOA_Y
ClientSampleId :

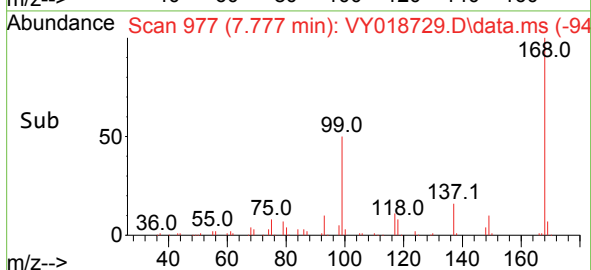
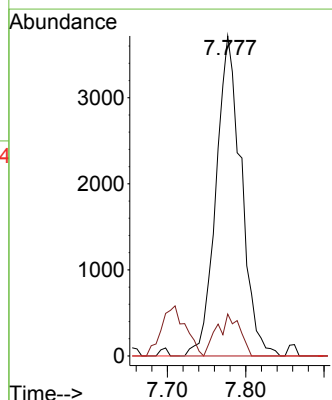
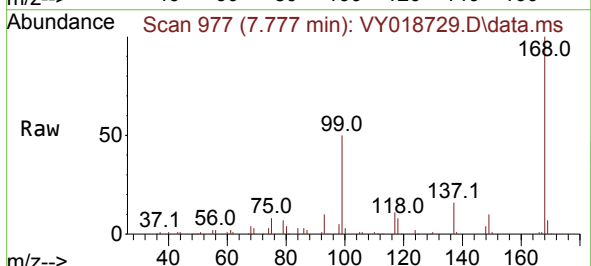


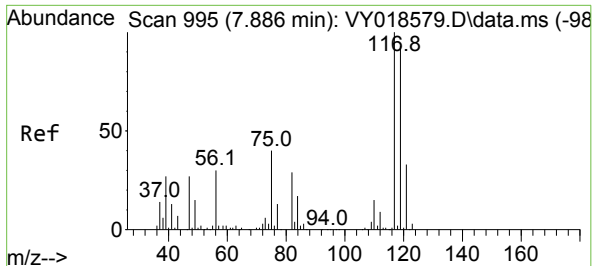
Tgt Ion:113 Resp: 59909
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.4
192 19.4 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.182 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.128 min
Lab File: VY018729.D
Acq: 28 Jun 2024 12:55

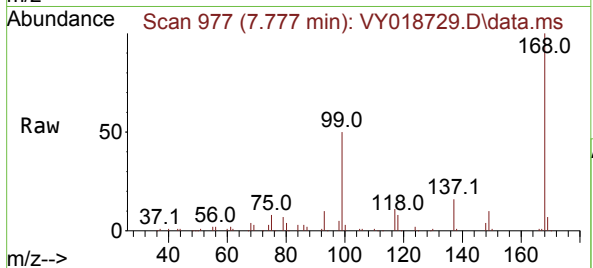
Tgt Ion: 75 Resp: 8329
Ion Ratio Lower Upper
75 100
110 11.8 19.0 57.0#
77 0.0 25.3 37.9#



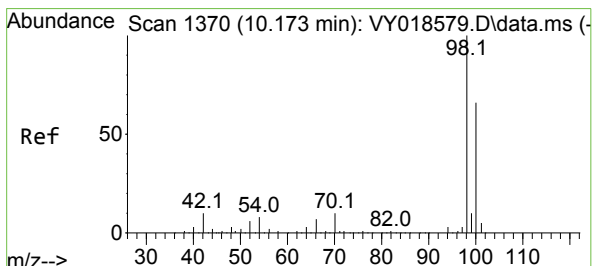
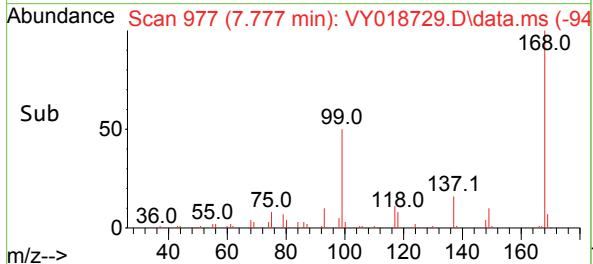
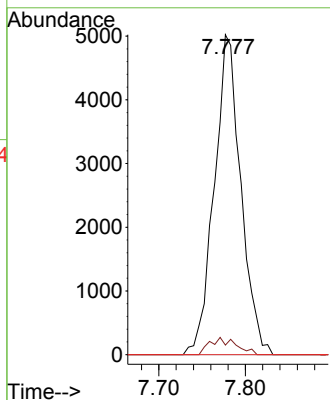


#38
Carbon Tetrachloride
Concen: 6.347 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY018729.D
Acq: 28 Jun 2024 12:55

Instrument :
MSVOA_Y
ClientSampleId :

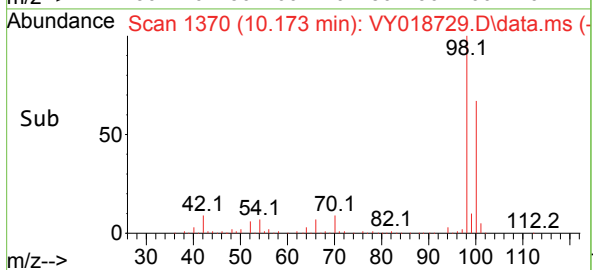
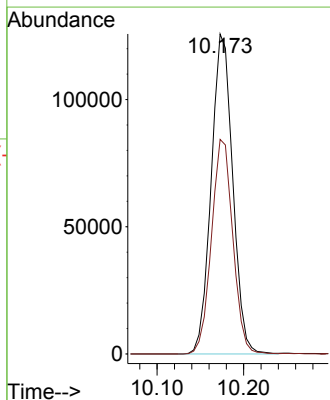
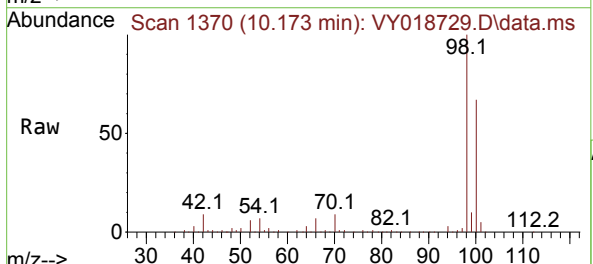


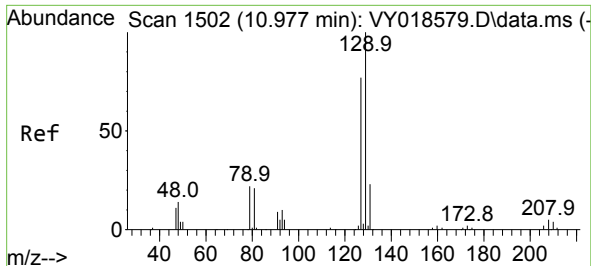
Tgt Ion:117 Resp: 10702
Ion Ratio Lower Upper
117 100
119 3.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 48.263 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018729.D
Acq: 28 Jun 2024 12:55

Tgt Ion: 98 Resp: 216707
Ion Ratio Lower Upper
98 100
100 66.7 52.0 78.0

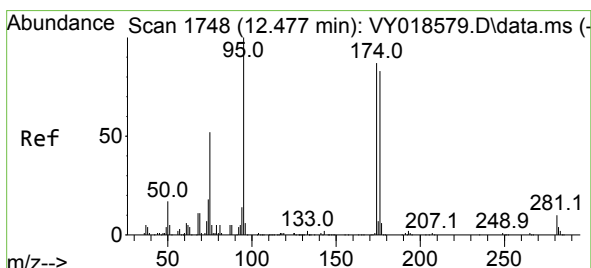
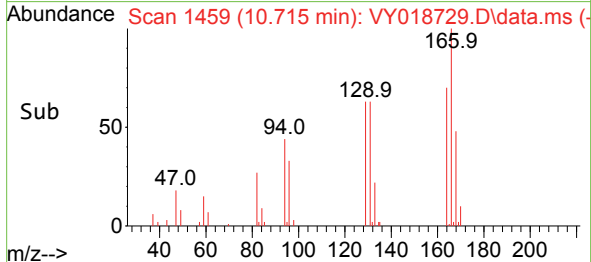
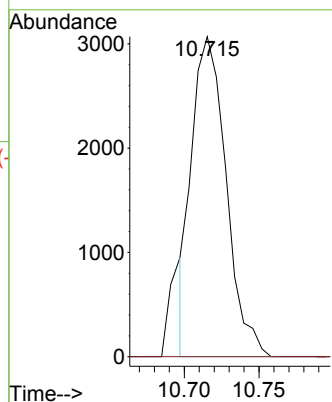
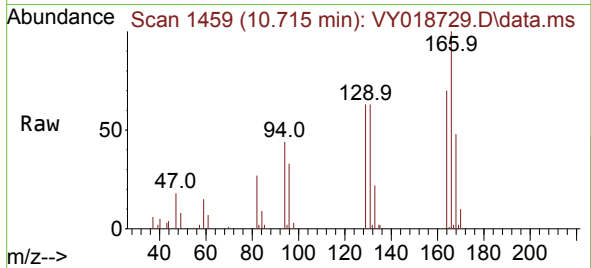




#60
Dibromochloromethane
Concen: 4.199 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.262 min
Lab File: VY018729.D
Acq: 28 Jun 2024 12:55

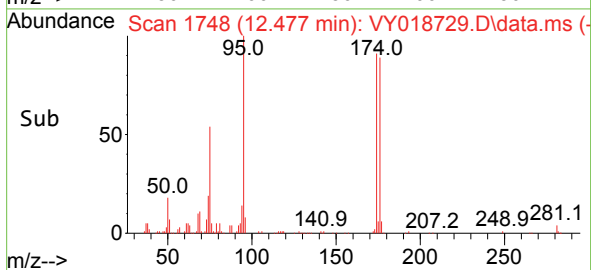
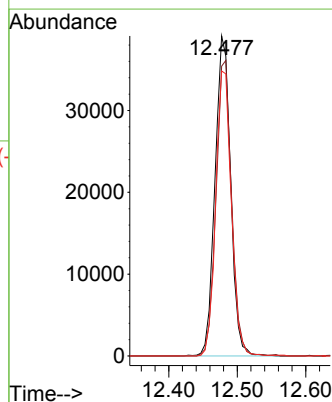
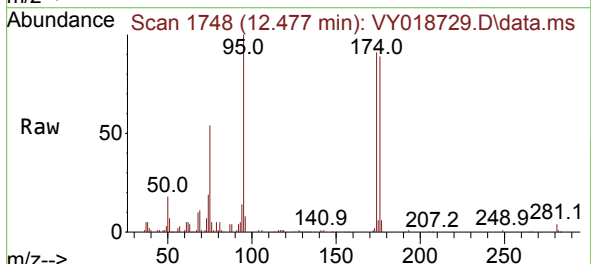
Instrument :
MSVOA_Y
ClientSampleId :

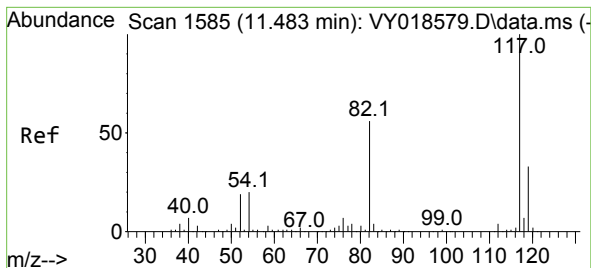
Tgt Ion:129 Resp: 4892
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#



#62
4-Bromofluorobenzene
Concen: 43.564 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018729.D
Acq: 28 Jun 2024 12:55

Tgt Ion: 95 Resp: 61767
Ion Ratio Lower Upper
95 100
174 91.8 0.0 175.6
176 89.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.484 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018729.D

Acq: 28 Jun 2024 12:55

Instrument :

MSVOA_Y

ClientSampleId :

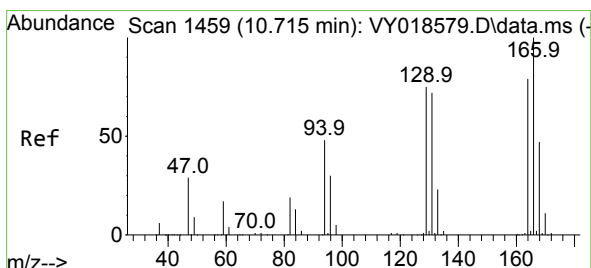
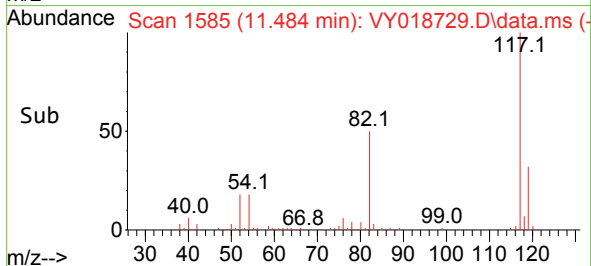
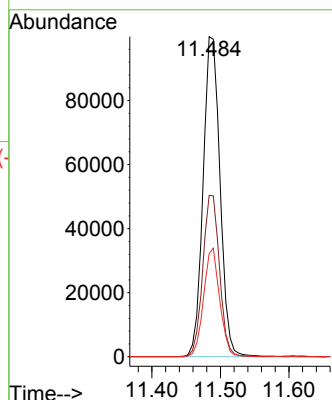
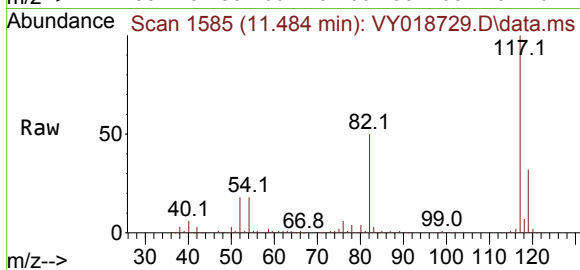
Tgt Ion:117 Resp: 172067

Ion Ratio Lower Upper

117 100

82 50.3 42.4 63.6

119 32.2 25.9 38.9



#64

Tetrachloroethene

Concen: 4.869 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY018729.D

Acq: 28 Jun 2024 12:55

Tgt Ion:164 Resp: 5976

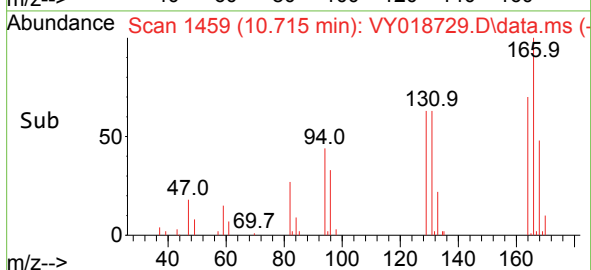
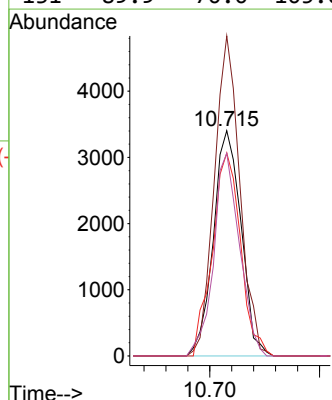
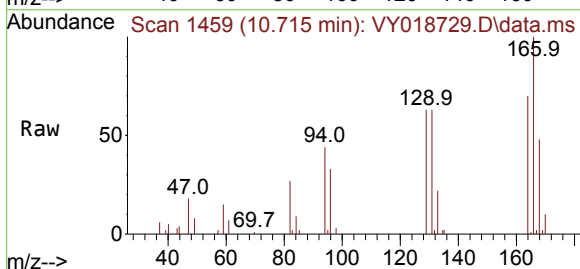
Ion Ratio Lower Upper

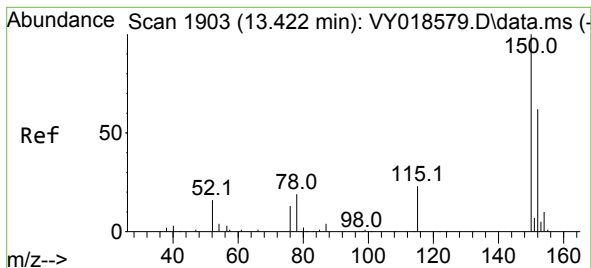
164 100

166 142.0 102.6 154.0

129 90.1 72.0 108.0

131 89.9 70.0 105.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018729.D

Acq: 28 Jun 2024 12:55

Instrument :

MSVOA_Y

ClientSampleId :

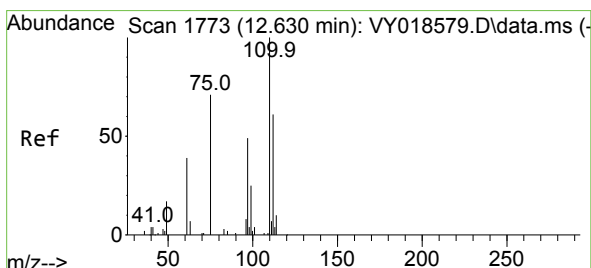
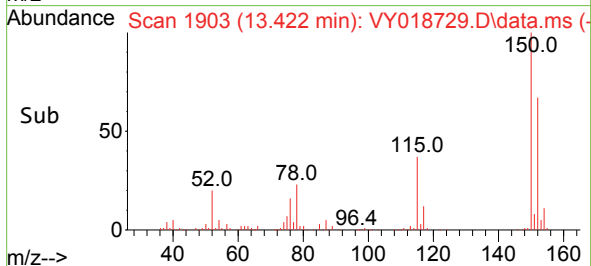
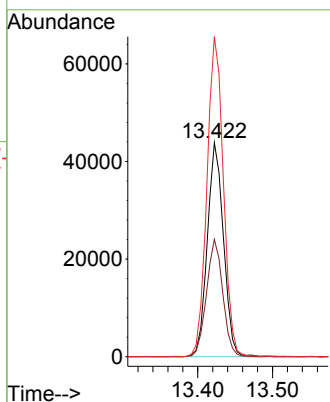
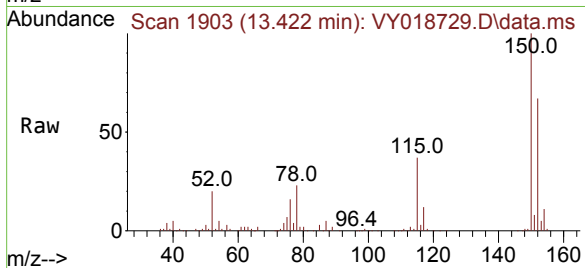
Tgt Ion:152 Resp: 65936

Ion Ratio Lower Upper

152 100

115 55.0 28.2 84.7

150 152.1 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 52.916 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY018729.D

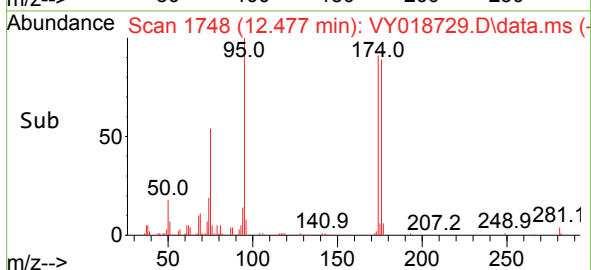
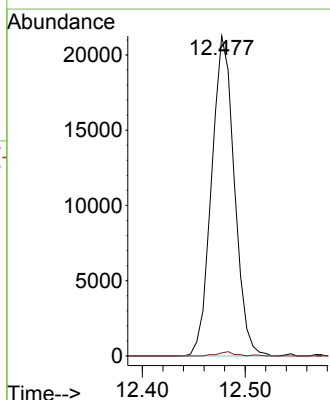
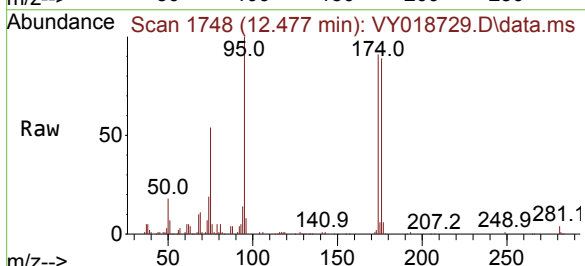
Acq: 28 Jun 2024 12:55

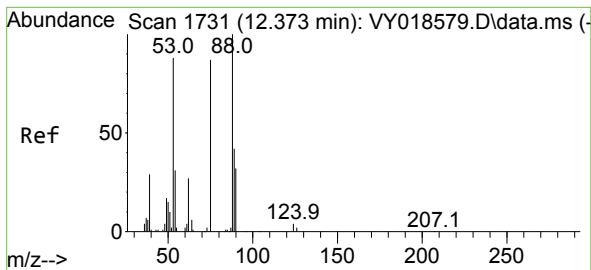
Tgt Ion: 75 Resp: 32729

Ion Ratio Lower Upper

75 100

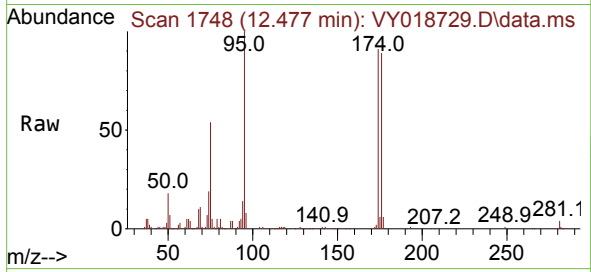
77 0.9 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 138.607 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY018729.D
Acq: 28 Jun 2024 12:55

Instrument :
MSVOA_Y
ClientSampleId :



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

