

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061424\
 Data File : VY018601.D
 Acq On : 14 Jun 2024 17:48
 Operator : SY/MD
 Sample : P2889-03
 Misc : 3.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 14 23:25:12 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)

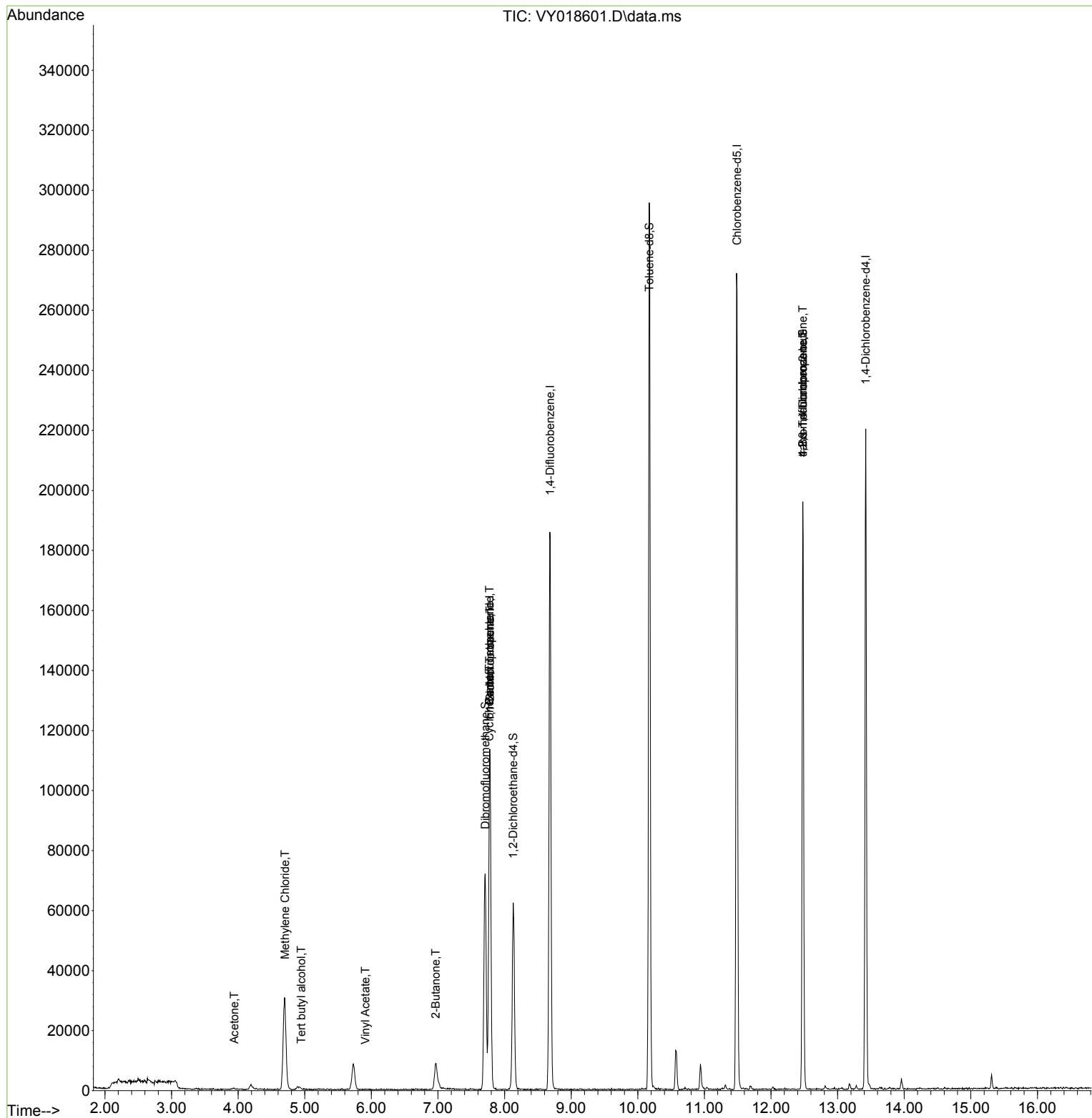
Internal Standards						
1) Pentafluorobenzene	7.777	168	86628	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	166017	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	149656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	54143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	47497	54.459	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.920%			
35) Dibromofluoromethane	7.710	113	52168	51.512	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.020%			
50) Toluene-d8	10.173	98	194585	49.963	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.920%			
62) 4-Bromofluorobenzene	12.477	95	54968	44.696	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 89.400%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.948	59	230	1.466	ug/l #	88
16) Acetone	3.942	43	949	5.348	ug/l #	36
20) Methylene Chloride	4.704	84	22551	14.208	ug/l	95
23) Vinyl Acetate	5.911	43	24	23.706	ug/l #	67
25) 2-Butanone	6.966	43	414	1.557	ug/l #	41
31) Cyclohexane	7.771	56	2003	1.499	ug/l #	49
36) 1,1-Dichloropropene	7.783	75	7143	5.124	ug/l #	49
38) Carbon Tetrachloride	7.777	117	9075	6.205	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	30944	60.927	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	30944	159.591	ug/l #	16

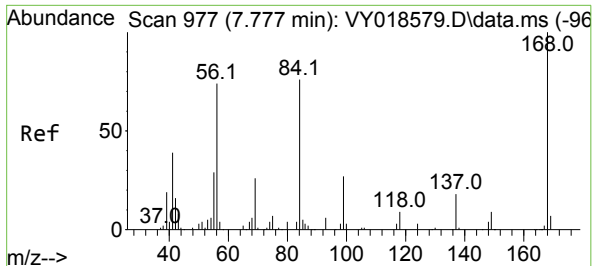
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061424\
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Misc : 3.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

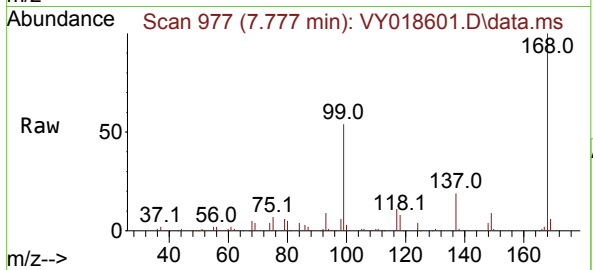
Quant Time: Jun 14 23:25:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 14 07:08:24 2024
Response via : Initial Calibration



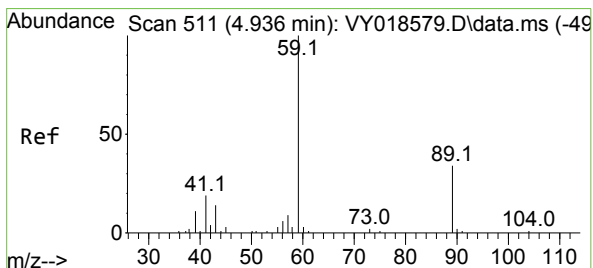
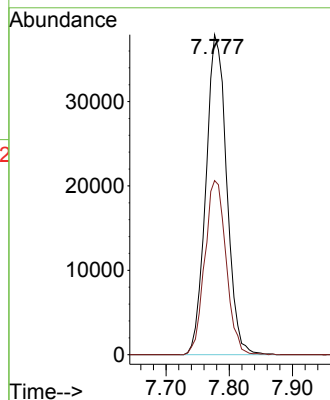
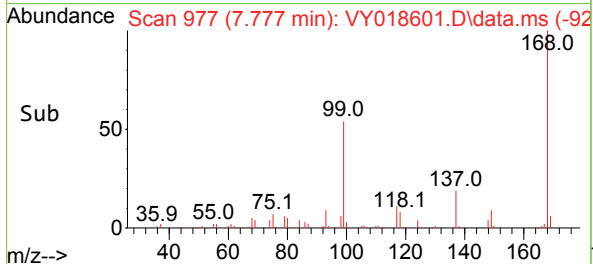


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018601.D
Acq: 14 Jun 2024 17:48

Instrument :
MSVOA_Y
ClientSampleId :

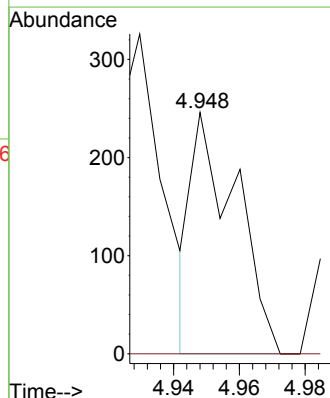
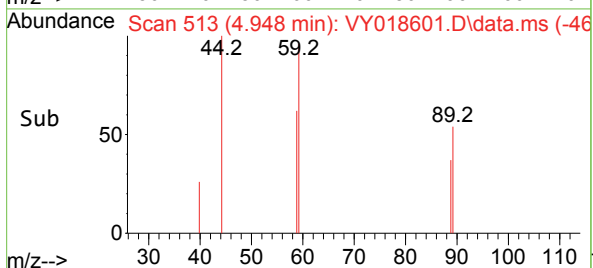
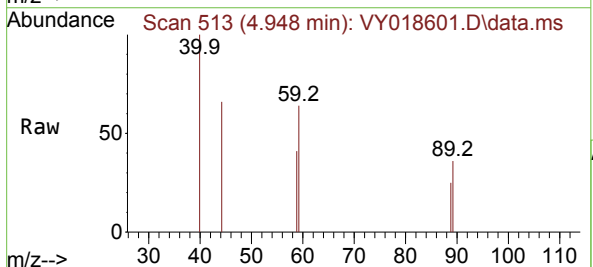


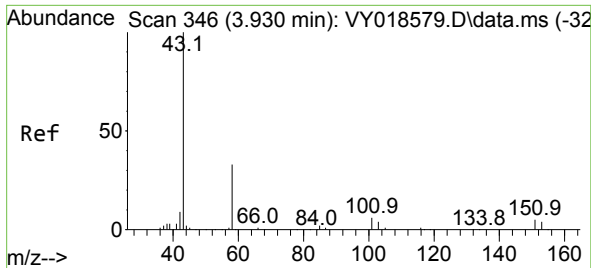
Tgt Ion:168 Resp: 86628
Ion Ratio Lower Upper
168 100
99 54.4 39.1 58.7



#11
Tert butyl alcohol
Concen: 1.466 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.012 min
Lab File: VY018601.D
Acq: 14 Jun 2024 17:48

Tgt Ion: 59 Resp: 230
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 5.348 ug/l

RT: 3.942 min Scan# 346

Delta R.T. 0.012 min

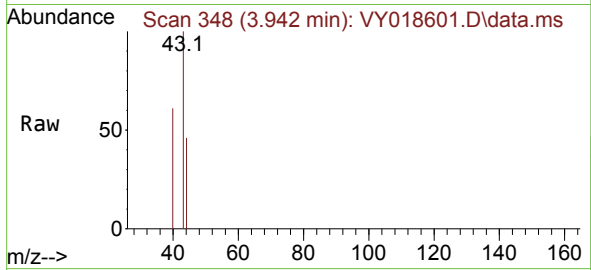
Lab File: VY018601.D

Acq: 14 Jun 2024 17:48

Instrument :

MSVOA_Y

ClientSampleId :

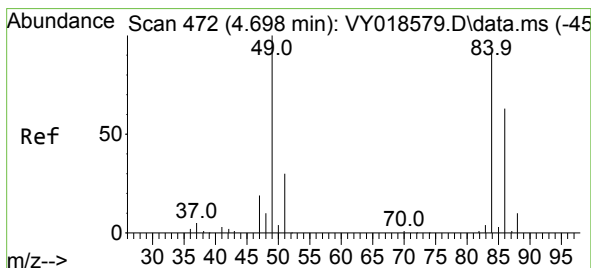
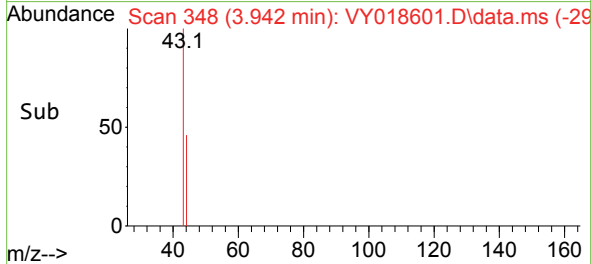
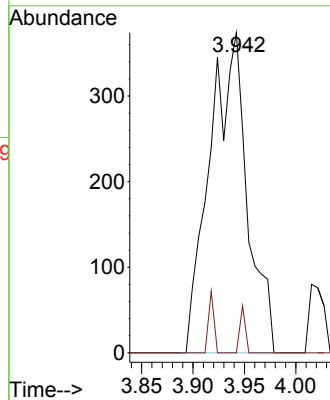


Tgt Ion: 43 Resp: 949

Ion Ratio Lower Upper

43 100

58 0.0 31.7 47.5#



#20

Methylene Chloride

Concen: 14.208 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.006 min

Lab File: VY018601.D

Acq: 14 Jun 2024 17:48

Tgt Ion: 84 Resp: 22551

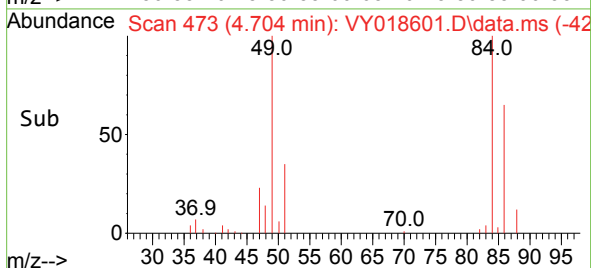
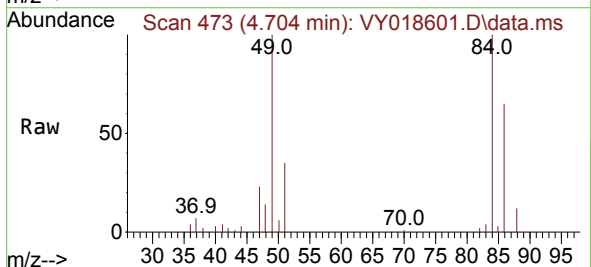
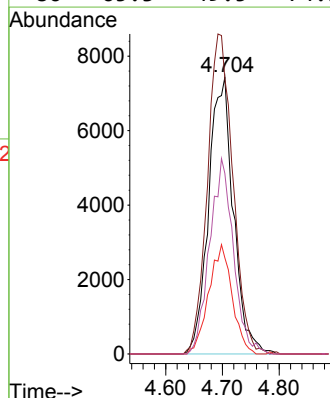
Ion Ratio Lower Upper

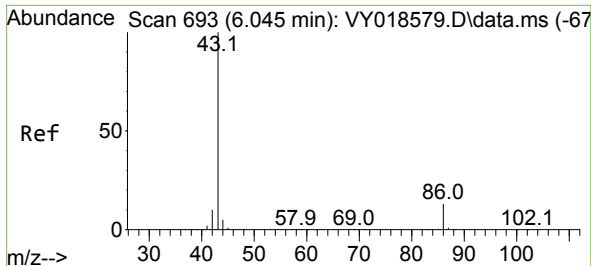
84 100

49 99.5 84.4 126.6

51 34.8 26.0 39.0

86 65.3 49.5 74.3

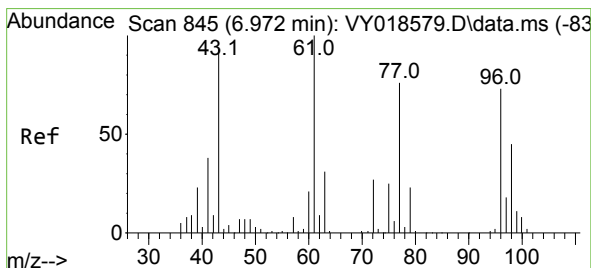
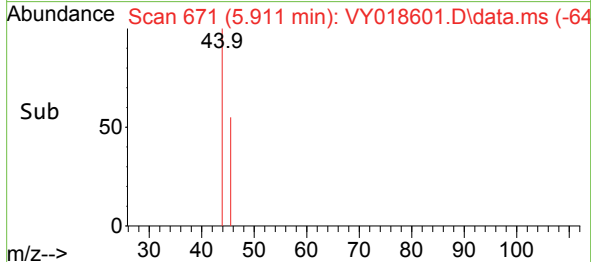
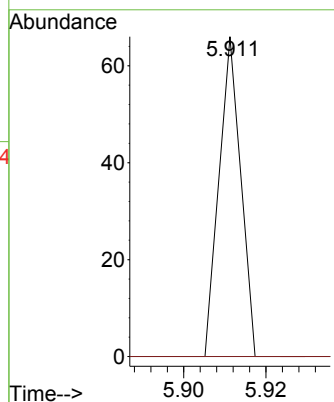
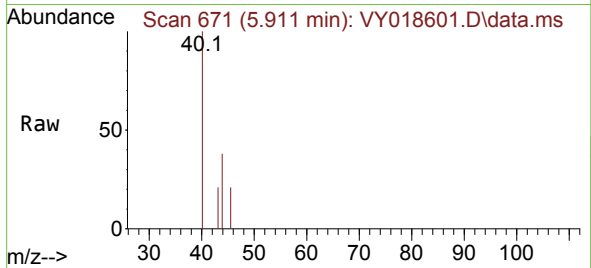




#23
 Vinyl Acetate
 Concen: 23.706 ug/l
 RT: 5.911 min Scan# 61
 Delta R.T. -0.134 min
 Lab File: VY018601.D
 Acq: 14 Jun 2024 17:48

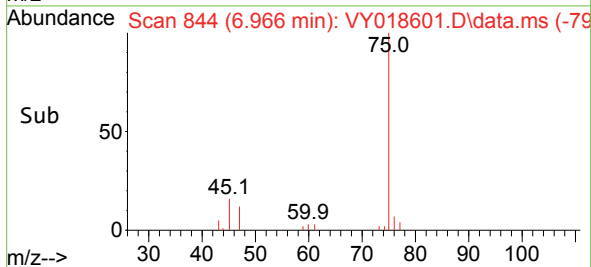
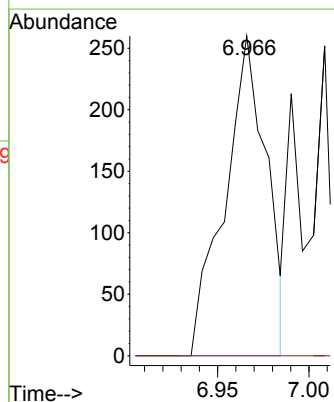
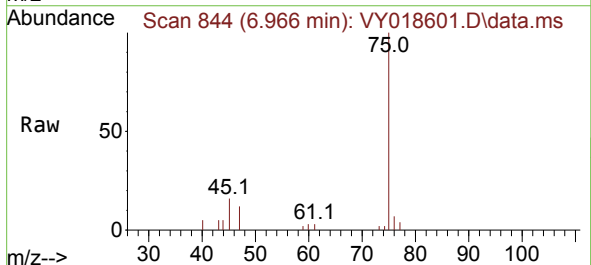
Instrument :
 MSVOA_Y
 ClientSampleId :

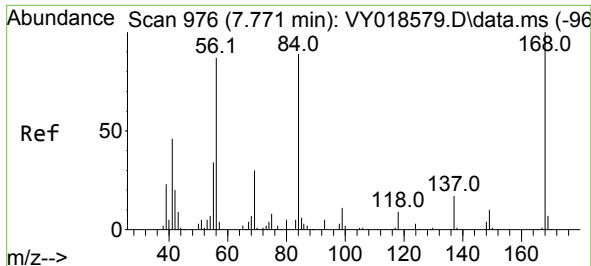
Tgt Ion: 43 Resp: 24
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.6 16.0#



#25
 2-Butanone
 Concen: 1.557 ug/l
 RT: 6.966 min Scan# 844
 Delta R.T. -0.006 min
 Lab File: VY018601.D
 Acq: 14 Jun 2024 17:48

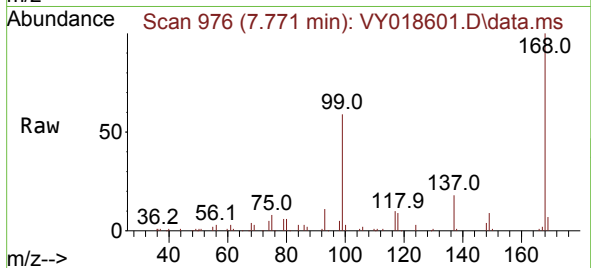
Tgt Ion: 43 Resp: 414
 Ion Ratio Lower Upper
 43 100
 72 0.0 27.3 40.9#



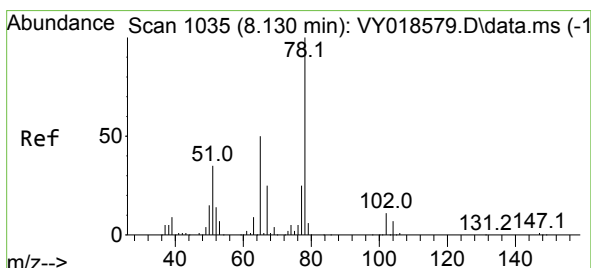
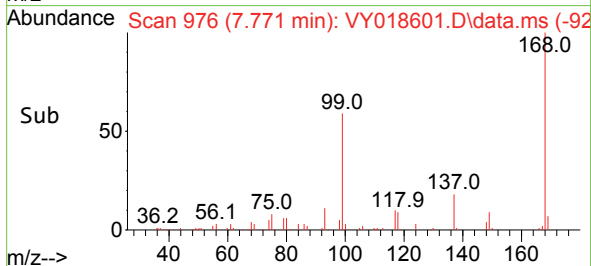
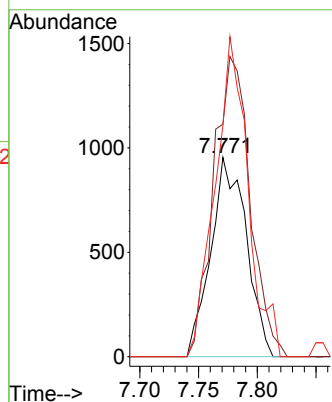


#31
Cyclohexane
Concen: 1.499 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018601.D
Acq: 14 Jun 2024 17:48

Instrument :
MSVOA_Y
ClientSampleId :

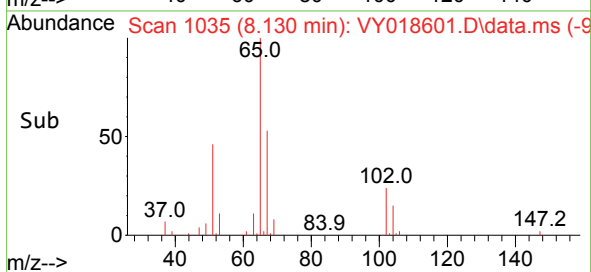
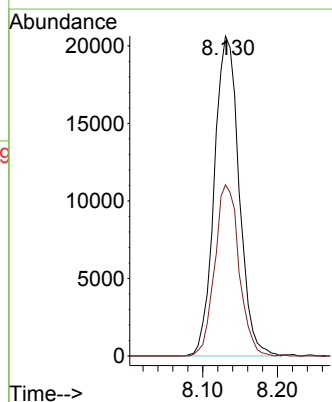
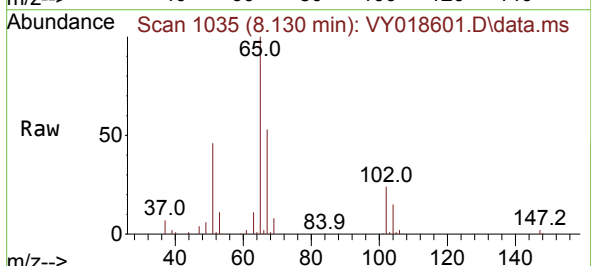


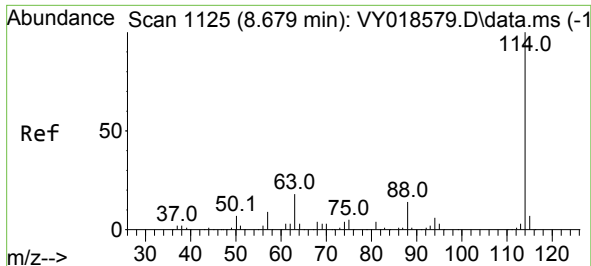
Tgt Ion: 56 Resp: 2003
Ion Ratio Lower Upper
56 100
69 116.8 28.7 43.1#
84 116.0 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 54.459 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018601.D
Acq: 14 Jun 2024 17:48

Tgt Ion: 65 Resp: 47497
Ion Ratio Lower Upper
65 100
67 52.5 0.0 109.6

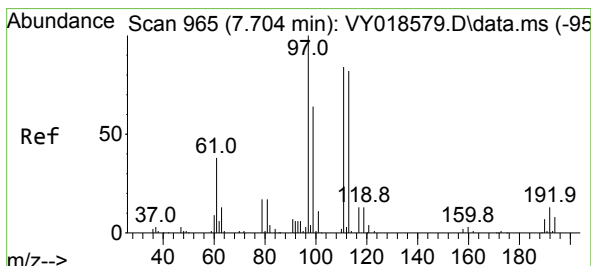
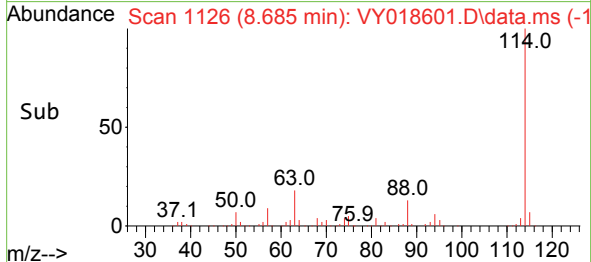
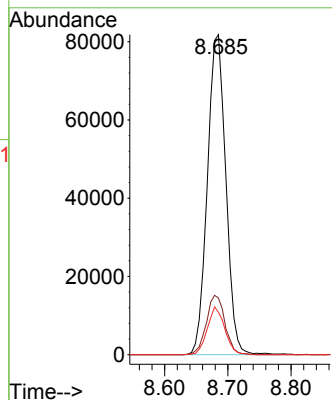
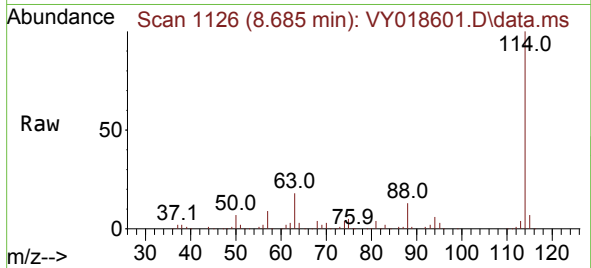




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY018601.D
Acq: 14 Jun 2024 17:48

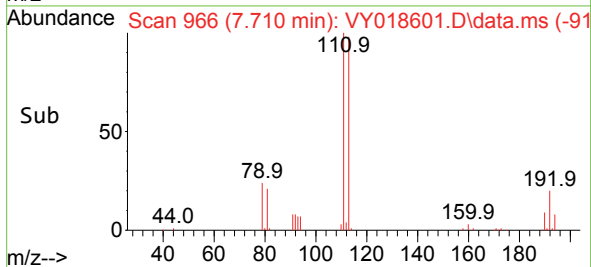
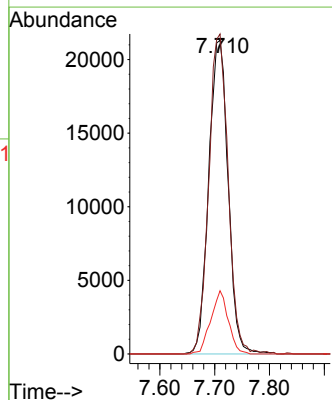
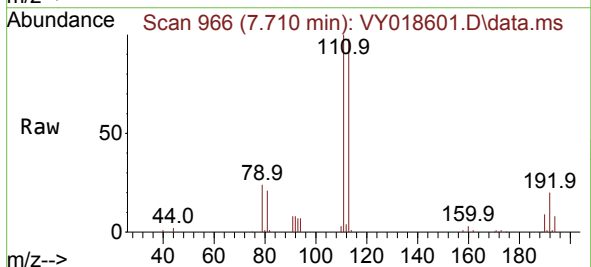
Instrument :
MSVOA_Y
ClientSampleId :

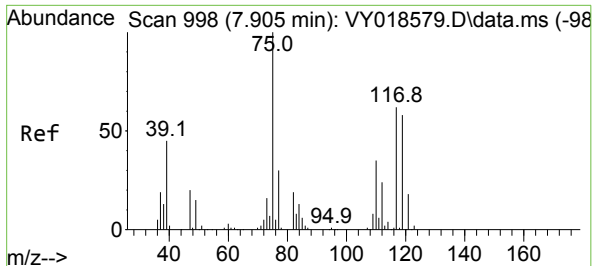
Tgt Ion:114 Resp: 166017
Ion Ratio Lower Upper
114 100
63 17.7 0.0 35.0
88 13.2 0.0 27.2



#35
Dibromofluoromethane
Concen: 51.512 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY018601.D
Acq: 14 Jun 2024 17:48

Tgt Ion:113 Resp: 52168
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 18.2 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.124 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.122 min

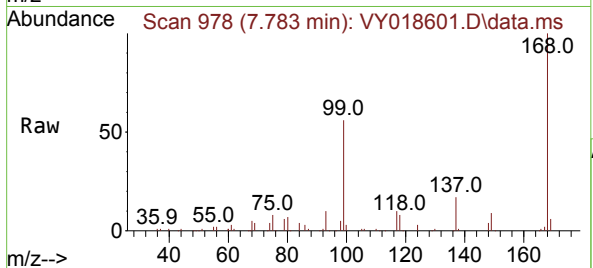
Lab File: VY018601.D

Acq: 14 Jun 2024 17:48

Instrument :

MSVOA_Y

ClientSampleId :



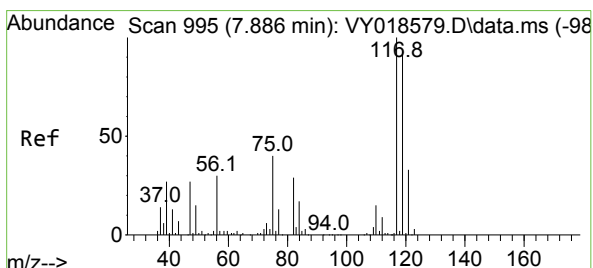
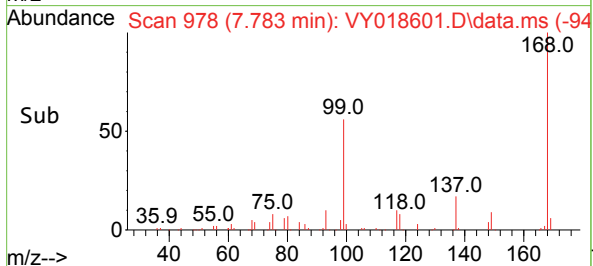
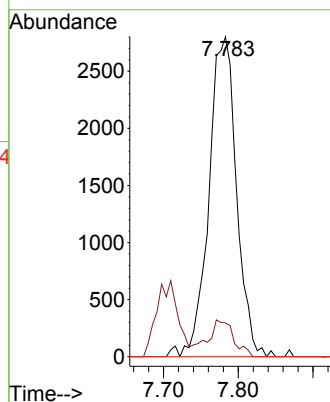
Tgt Ion: 75 Resp: 7143

Ion Ratio Lower Upper

75 100

110 10.6 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.205 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.110 min

Lab File: VY018601.D

Acq: 14 Jun 2024 17:48

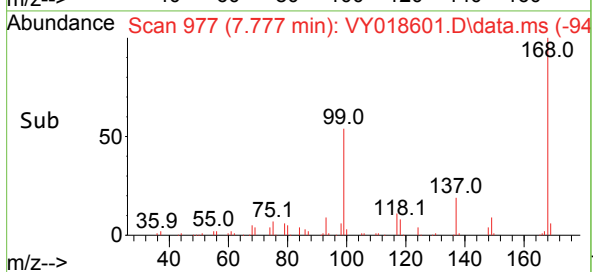
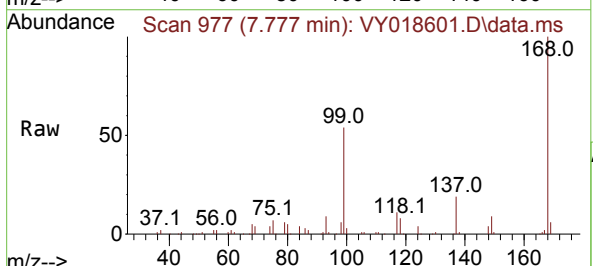
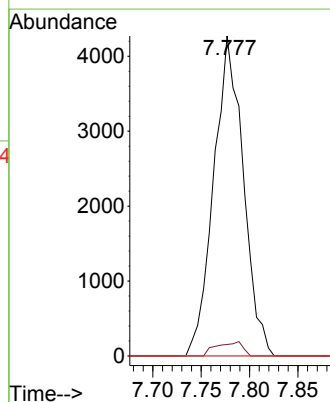
Tgt Ion: 117 Resp: 9075

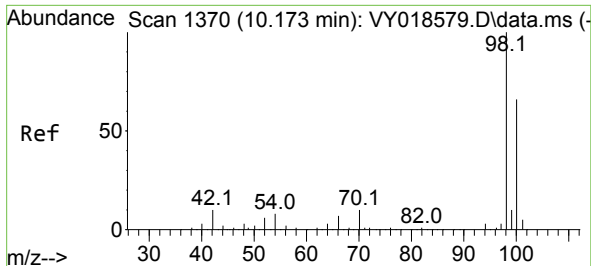
Ion Ratio Lower Upper

117 100

119 3.6 75.8 113.6#

121 0.0 24.0 36.0#

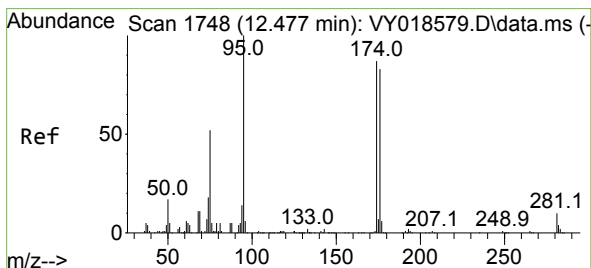
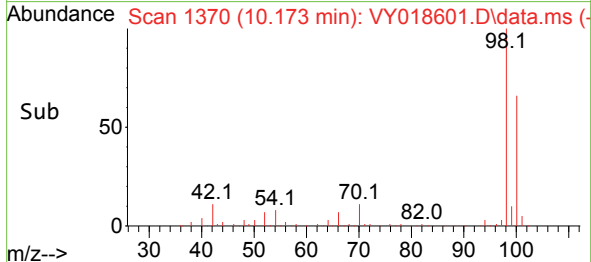
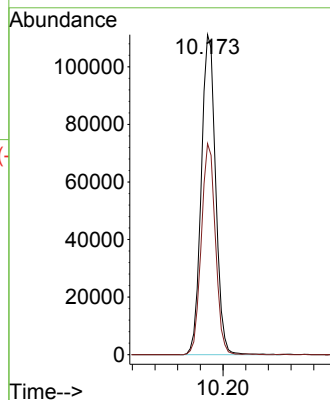
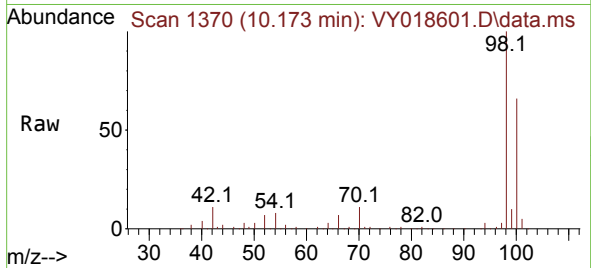




#50
Toluene-d8
Concen: 49.963 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018601.D
Acq: 14 Jun 2024 17:48

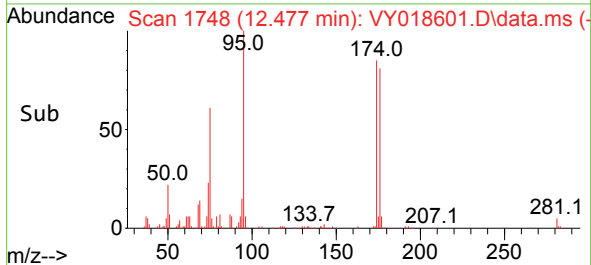
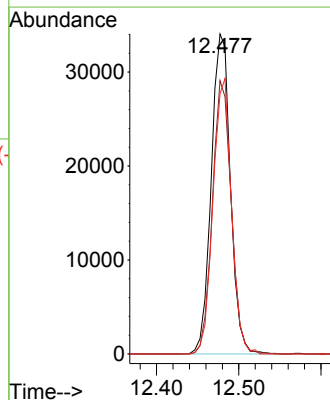
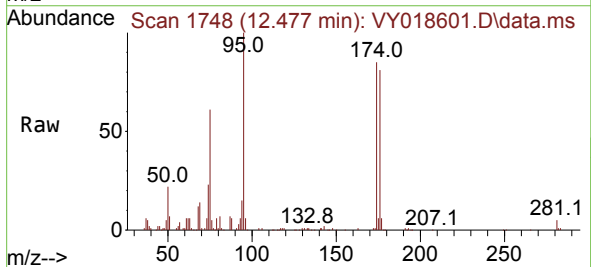
Instrument :
MSVOA_Y
ClientSampleId :

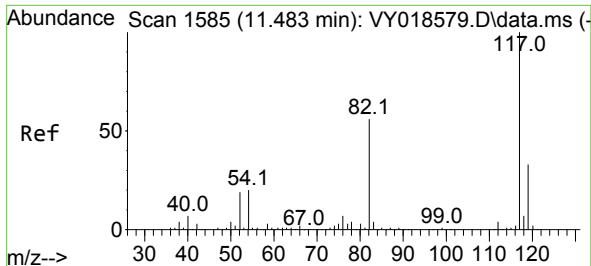
Tgt Ion: 98 Resp: 194585
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.696 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018601.D
Acq: 14 Jun 2024 17:48

Tgt Ion: 95 Resp: 54968
Ion Ratio Lower Upper
95 100
174 83.8 0.0 175.6
176 83.0 0.0 171.4

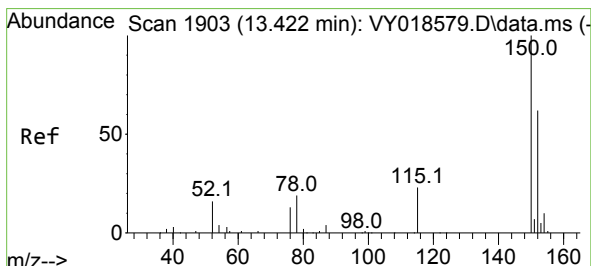
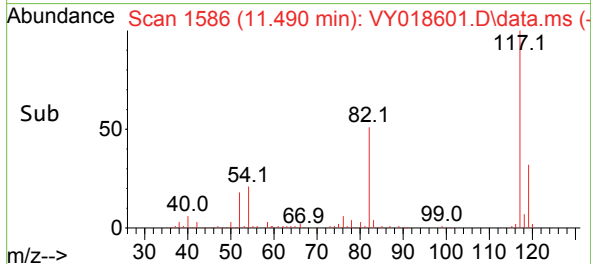
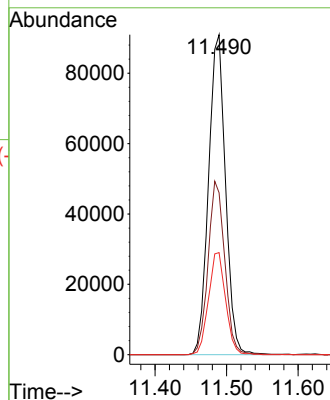
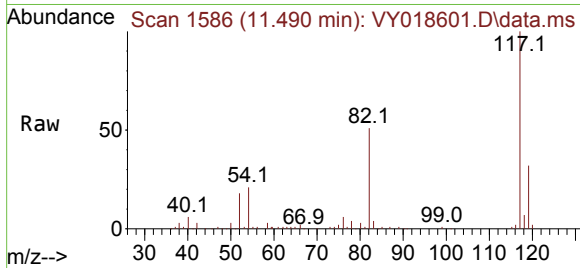




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018601.D
Acq: 14 Jun 2024 17:48

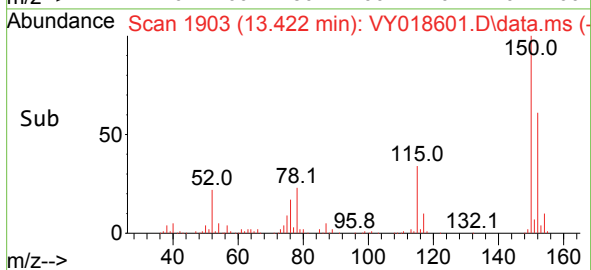
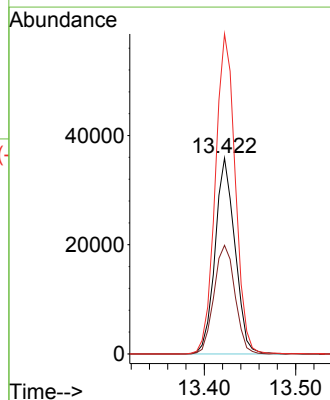
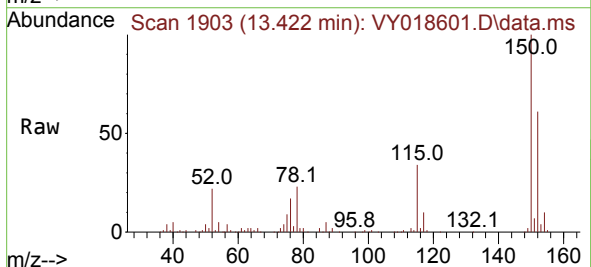
Instrument :
MSVOA_Y
ClientSampleId :

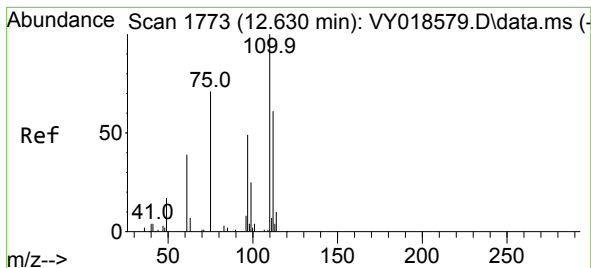
Tgt Ion:117 Resp: 149656
Ion Ratio Lower Upper
117 100
82 50.6 42.4 63.6
119 31.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY018601.D
Acq: 14 Jun 2024 17:48

Tgt Ion:152 Resp: 54143
Ion Ratio Lower Upper
152 100
115 58.6 28.2 84.7
150 164.4 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 60.927 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY018601.D

Acq: 14 Jun 2024 17:48

Instrument :

MSVOA_Y

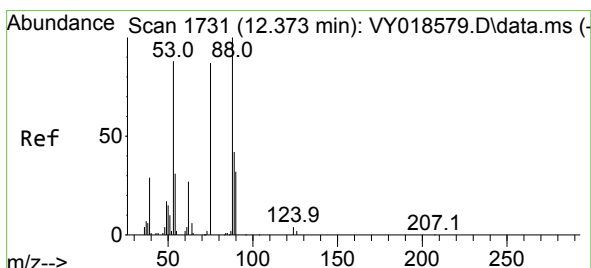
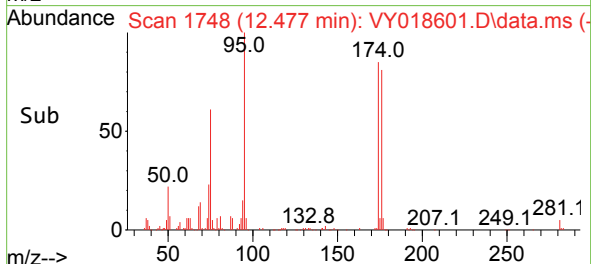
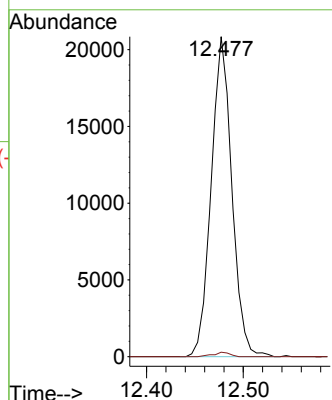
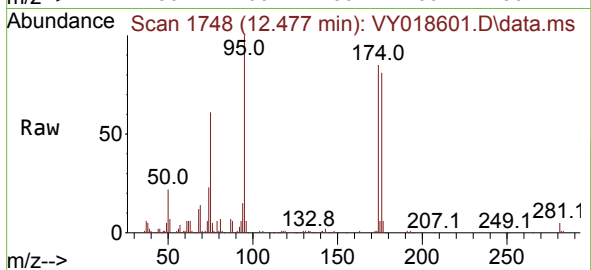
ClientSampleId :

Tgt Ion: 75 Resp: 30944

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 159.591 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.104 min

Lab File: VY018601.D

Acq: 14 Jun 2024 17:48

Tgt Ion: 75 Resp: 30944

Ion Ratio Lower Upper

75 100

53 0.1 66.8 100.2#

89 0.0 35.8 53.6#

