

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062424\
 Data File : VY018672.D
 Acq On : 24 Jun 2024 10:18
 Operator : SY/MD
 Sample : VY0624SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 25 01:06:50 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)

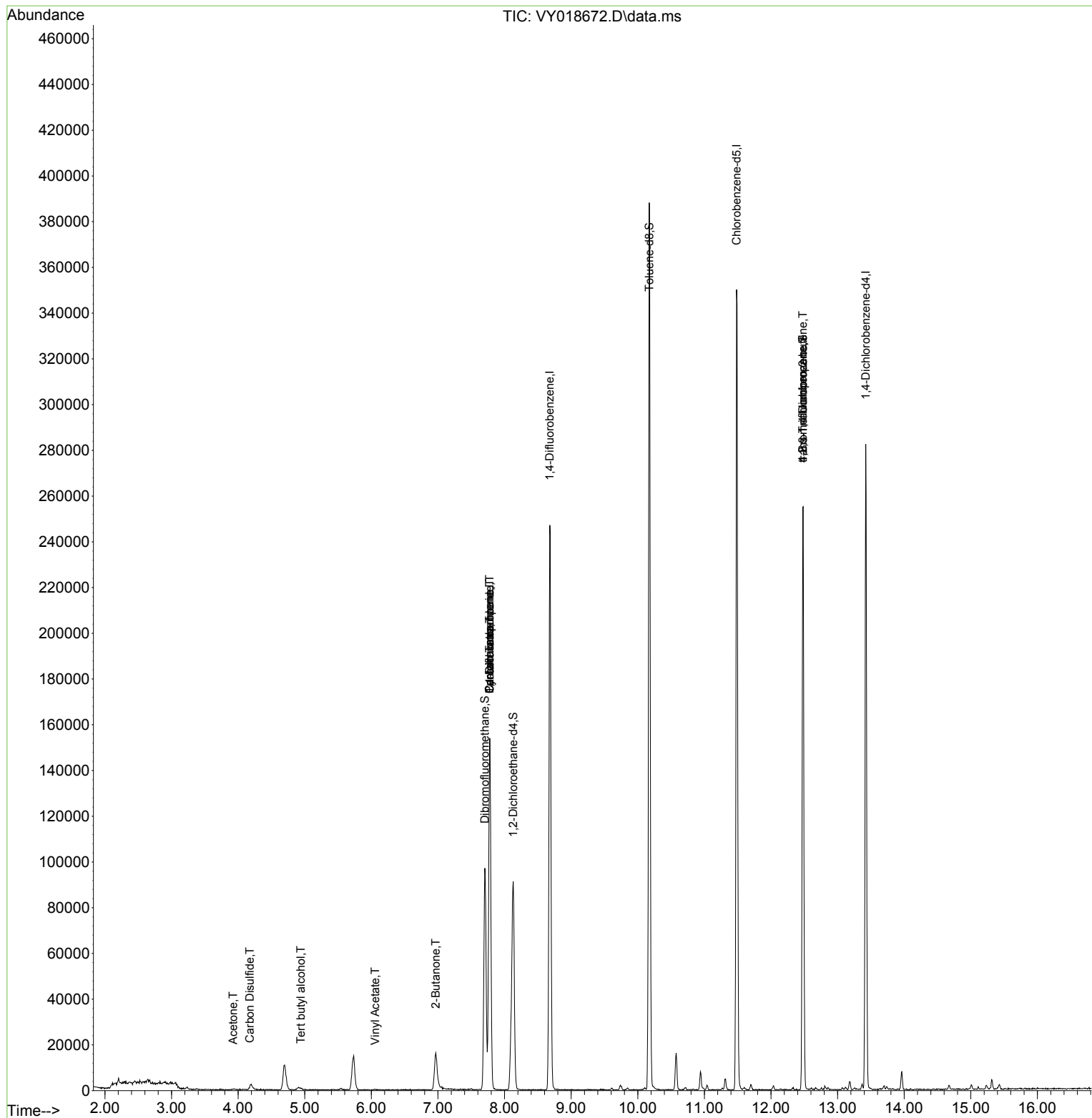
Internal Standards						
1) Pentafluorobenzene	7.777	168	124394	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	226333	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	201561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	74059	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	60716	48.480	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.960%		
35) Dibromofluoromethane	7.704	113	69974	50.681	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.360%		
50) Toluene-d8	10.173	98	258988	48.778	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.560%		
62) 4-Bromofluorobenzene	12.477	95	74408	44.380	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	88.760%		
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.942	59	370	1.642	ug/l #	88
16) Acetone	3.924	43	568	2.229	ug/l #	36
17) Carbon Disulfide	4.174	76	102	2.246	ug/l #	76
20) Methylene Chloride	4.698	84	8488	Below Cal		96
23) Vinyl Acetate	6.058	43	416	23.798	ug/l #	67
25) 2-Butanone	6.966	43	1018	2.665	ug/l #	41
31) Cyclohexane	7.777	56	2466	1.285	ug/l #	10
36) 1,1-Dichloropropene	7.777	75	9623	5.064	ug/l #	47
38) Carbon Tetrachloride	7.777	117	12020	6.029	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	38641	55.622	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	38641	145.695	ug/l #	16

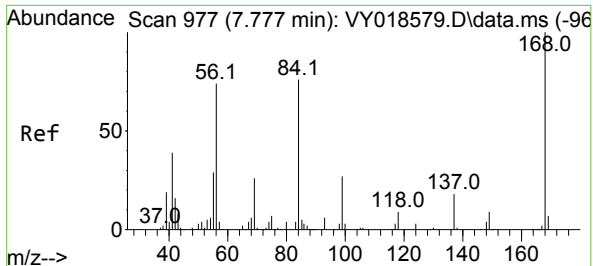
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062424\
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ClientSampleId :

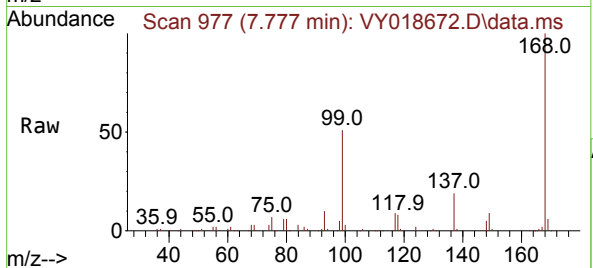
Quant Time: Jun 25 01:06:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 14 07:08:24 2024
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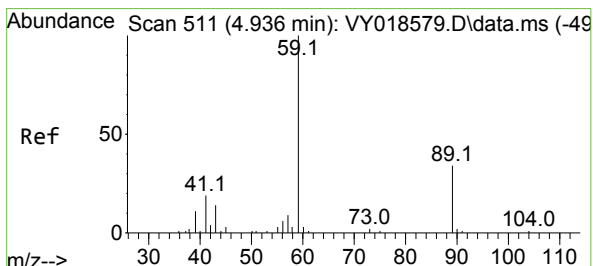
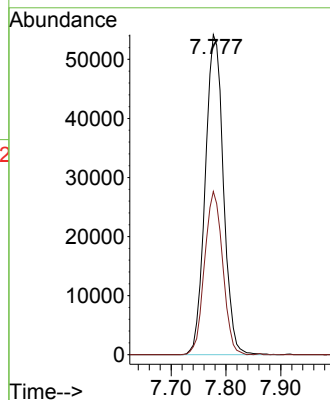
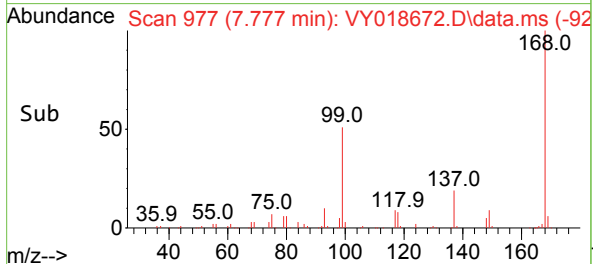


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018672.D
Acq: 24 Jun 2024 10:18

Instrument :
MSVOA_Y
ClientSampleId :

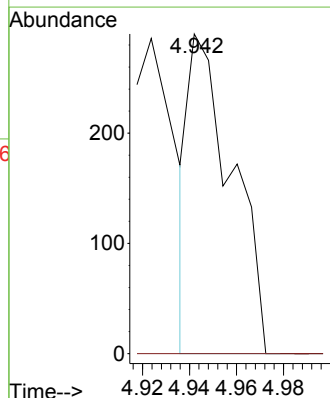
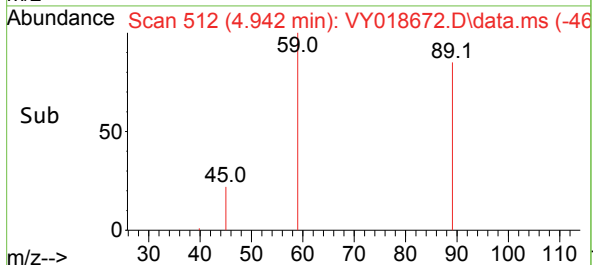
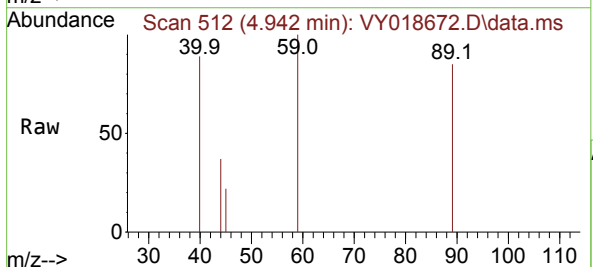


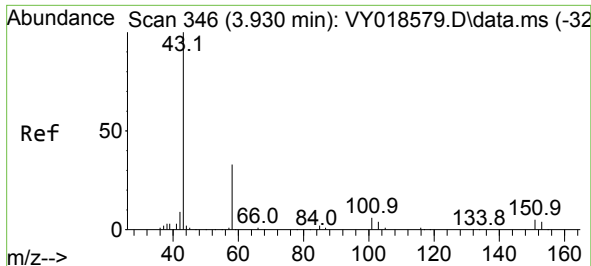
Tgt Ion:168 Resp: 124394
Ion Ratio Lower Upper
168 100
99 51.0 39.1 58.7



#11
Tert butyl alcohol
Concen: 1.642 ug/l
RT: 4.942 min Scan# 512
Delta R.T. 0.006 min
Lab File: VY018672.D
Acq: 24 Jun 2024 10:18

Tgt Ion: 59 Resp: 370
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 2.229 ug/l

RT: 3.924 min Scan# 346

Delta R.T. -0.006 min

Lab File: VY018672.D

Acq: 24 Jun 2024 10:18

Instrument :

MSVOA_Y

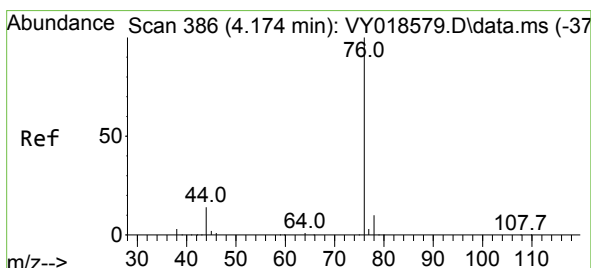
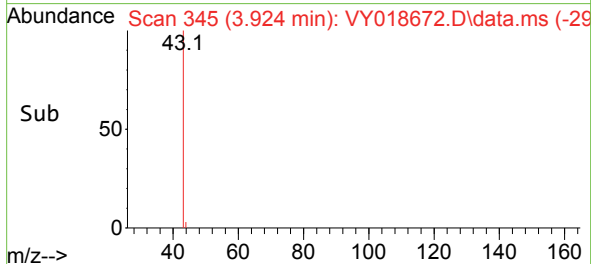
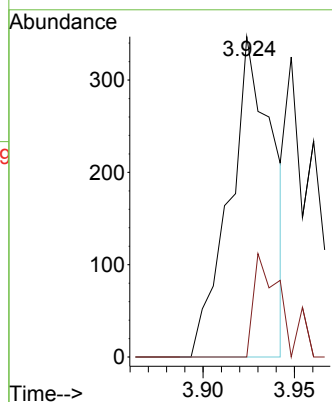
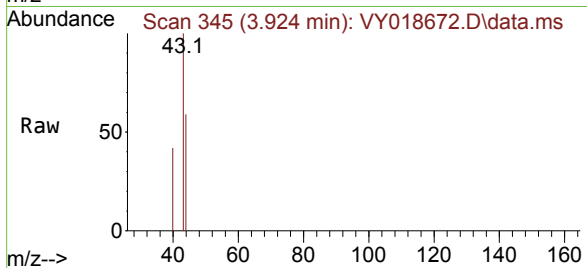
ClientSampleId :

Tgt Ion: 43 Resp: 568

Ion Ratio Lower Upper

43 100

58 0.0 31.7 47.5#



#17

Carbon Disulfide

Concen: 2.246 ug/l

RT: 4.174 min Scan# 386

Delta R.T. -0.000 min

Lab File: VY018672.D

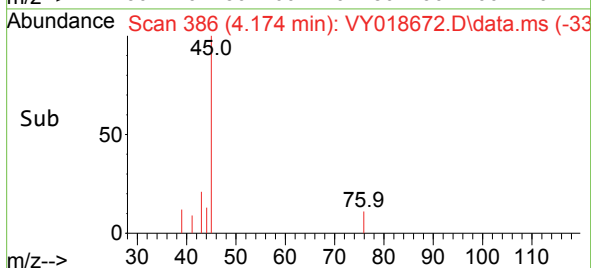
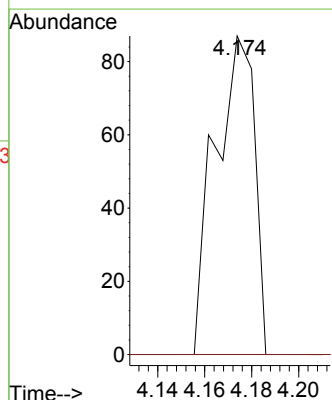
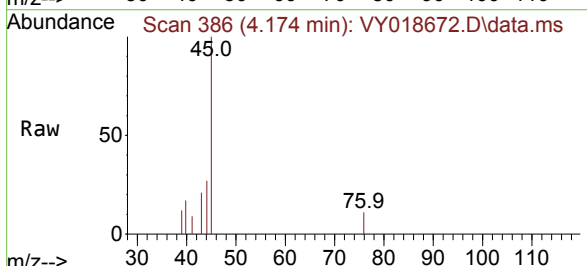
Acq: 24 Jun 2024 10:18

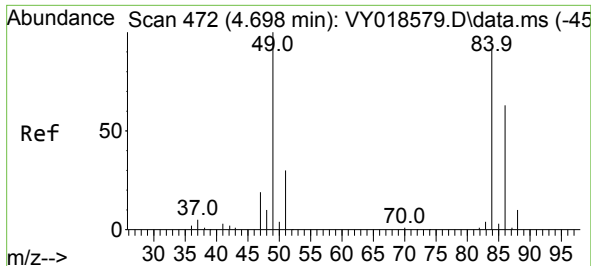
Tgt Ion: 76 Resp: 102

Ion Ratio Lower Upper

76 100

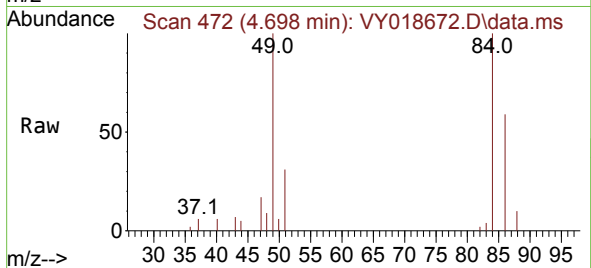
78 0.0 6.8 10.2#



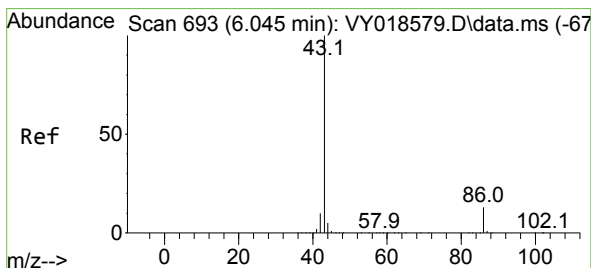
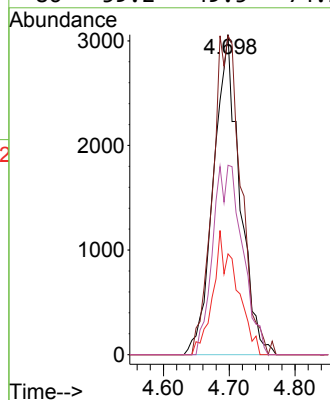


#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018672.D
Acq: 24 Jun 2024 10:18

Instrument :
MSVOA_Y
ClientSampleId :

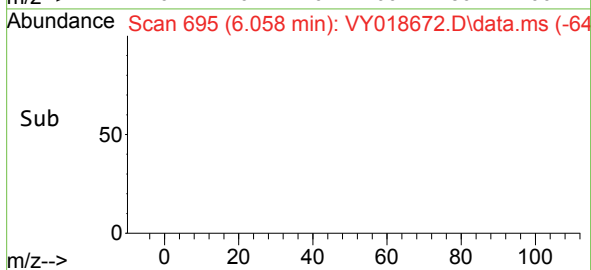
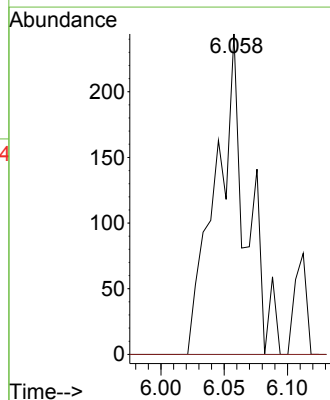
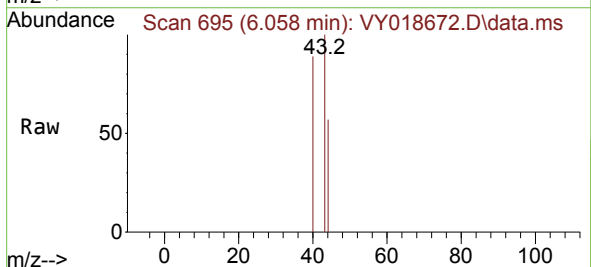


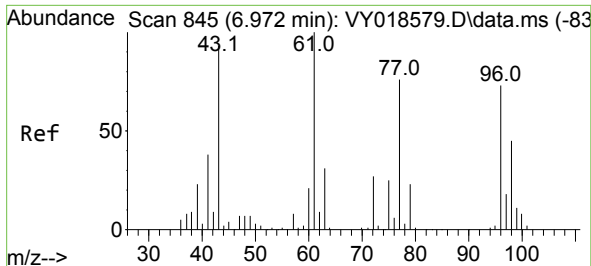
Tgt Ion: 84	Resp: 8488
Ion Ratio	Lower Upper
84 100	
49 99.7	84.4 126.6
51 31.5	26.0 39.0
86 59.2	49.5 74.3



#23
Vinyl Acetate
Concen: 23.798 ug/l
RT: 6.058 min Scan# 695
Delta R.T. 0.013 min
Lab File: VY018672.D
Acq: 24 Jun 2024 10:18

Tgt Ion: 43	Resp: 416		
Ion Ratio	Lower	Upper	
43 100			
86 0.0	10.6	16.0#	





#25

2-Butanone

Concen: 2.665 ug/l

RT: 6.966 min Scan# 845

Delta R.T. -0.006 min

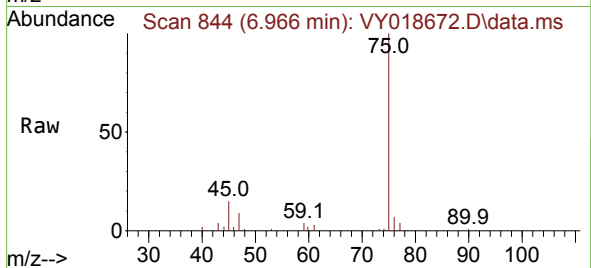
Lab File: VY018672.D

Acq: 24 Jun 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

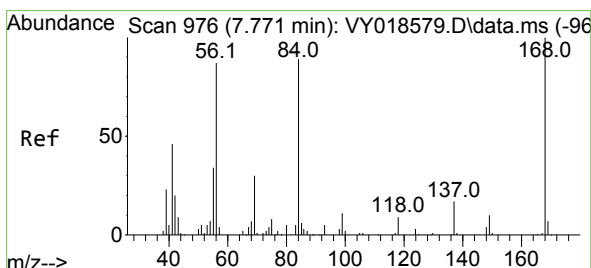
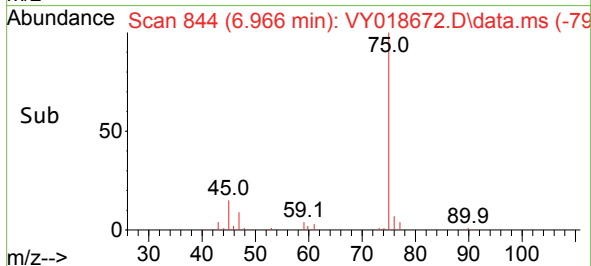
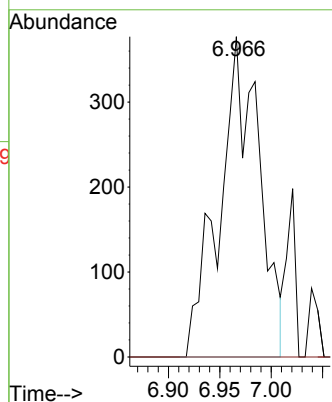


Tgt Ion: 43 Resp: 1018

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#31

Cyclohexane

Concen: 1.285 ug/l

RT: 7.777 min Scan# 977

Delta R.T. 0.006 min

Lab File: VY018672.D

Acq: 24 Jun 2024 10:18

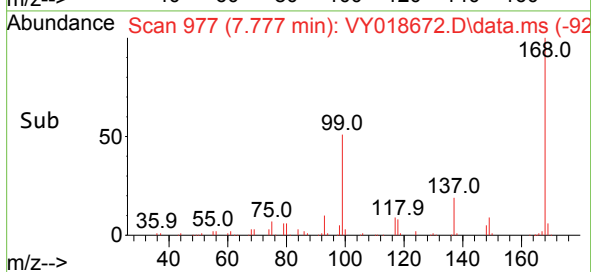
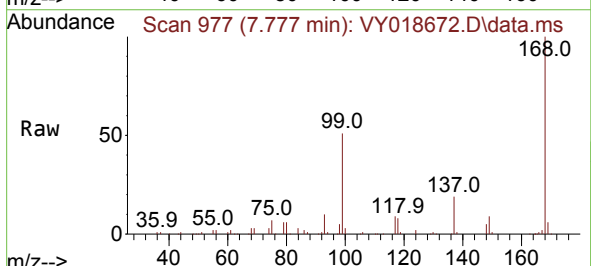
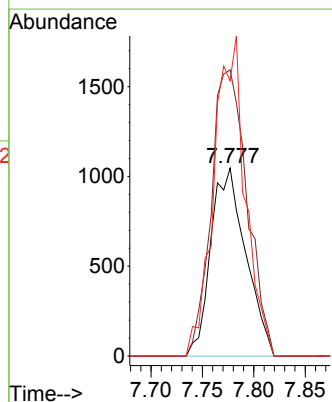
Tgt Ion: 56 Resp: 2466

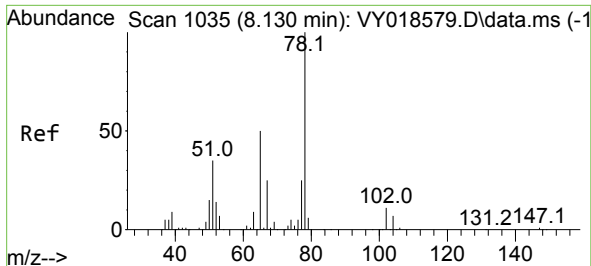
Ion Ratio Lower Upper

56 100

69 152.3 28.7 43.1#

84 146.6 77.7 116.5#

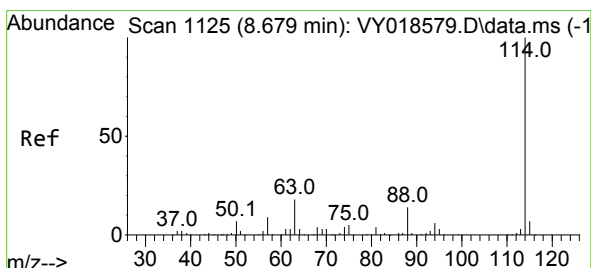
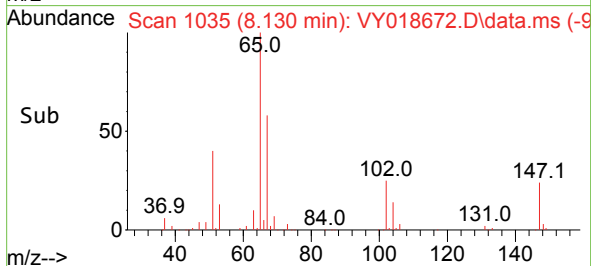
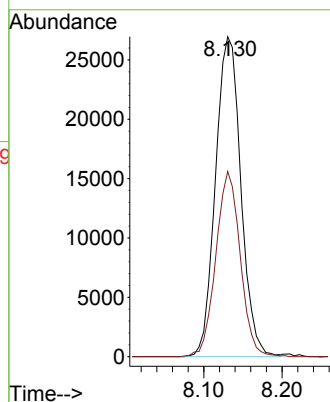
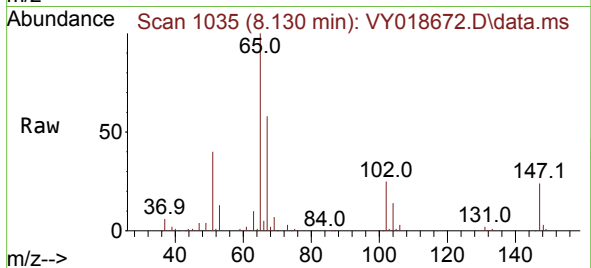




#33
1,2-Dichloroethane-d4
Concen: 48.480 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018672.D
Acq: 24 Jun 2024 10:18

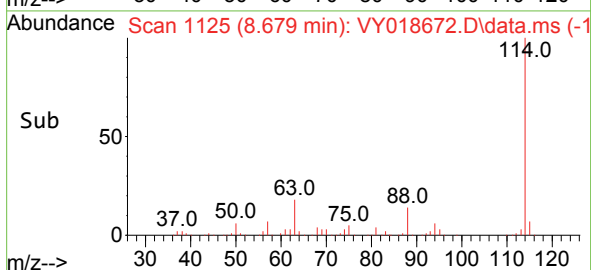
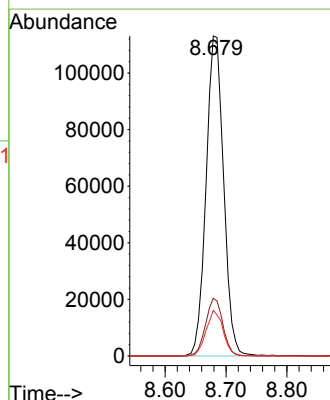
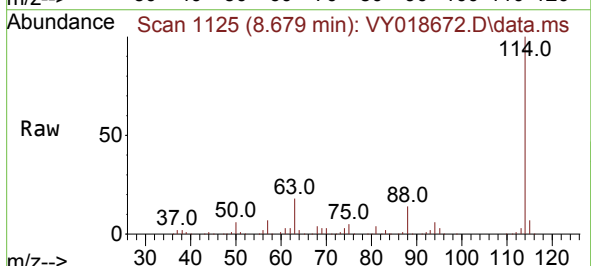
Instrument :
MSVOA_Y
ClientSampleId :

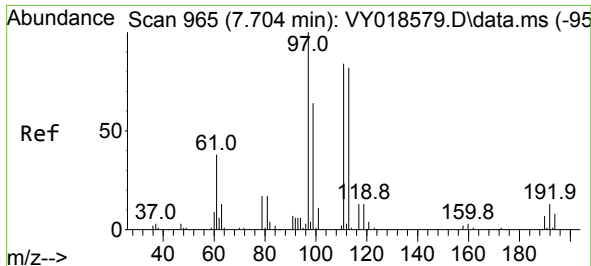
Tgt Ion: 65 Resp: 60716
Ion Ratio Lower Upper
65 100
67 55.6 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. 0.000 min
Lab File: VY018672.D
Acq: 24 Jun 2024 10:18

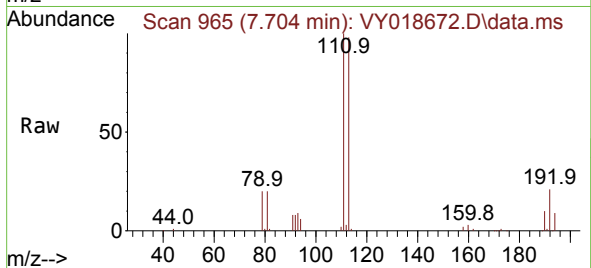
Tgt Ion:114 Resp: 226333
Ion Ratio Lower Upper
114 100
63 18.1 0.0 35.0
88 14.2 0.0 27.2



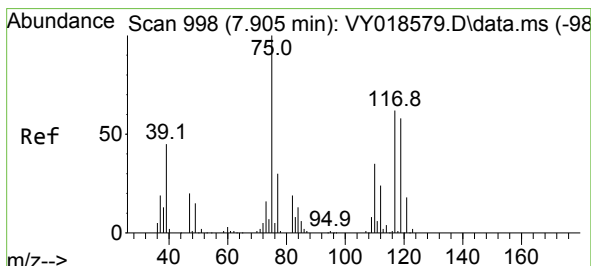
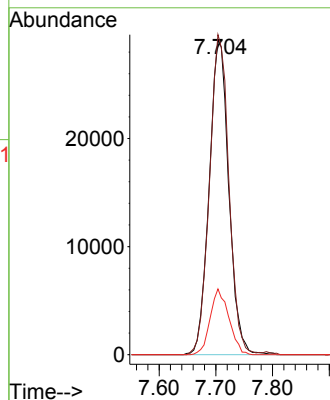
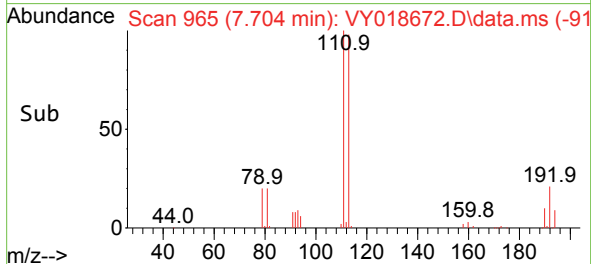


#35
Dibromofluoromethane
Concen: 50.681 ug/l
RT: 7.704 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY018672.D
Acq: 24 Jun 2024 10:18

Instrument :
MSVOA_Y
ClientSampleId :

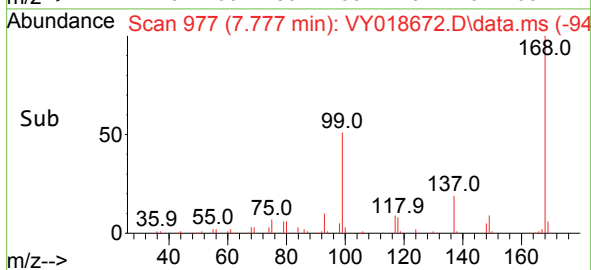
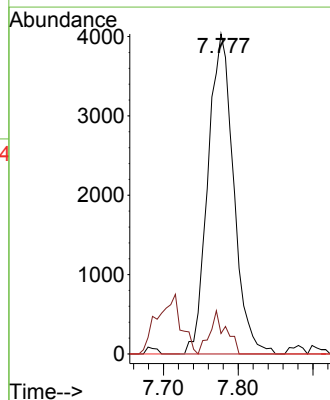
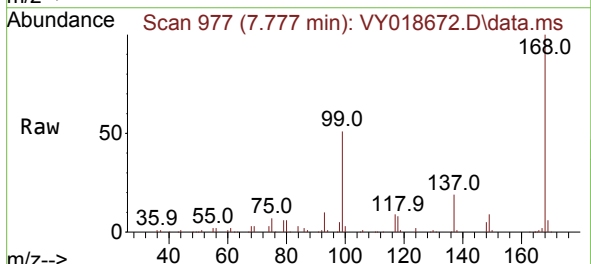


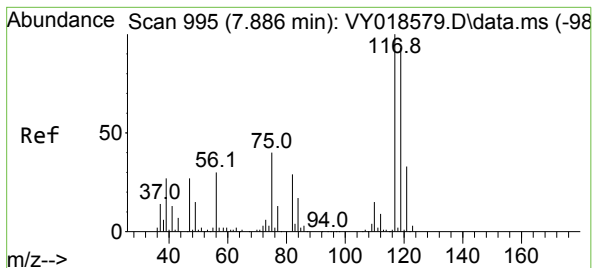
Tgt Ion:113 Resp: 69974
Ion Ratio Lower Upper
113 100
111 100.7 82.2 123.4
192 20.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.064 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.128 min
Lab File: VY018672.D
Acq: 24 Jun 2024 10:18

Tgt Ion: 75 Resp: 9623
Ion Ratio Lower Upper
75 100
110 8.6 19.0 57.0#
77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 6.029 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.110 min

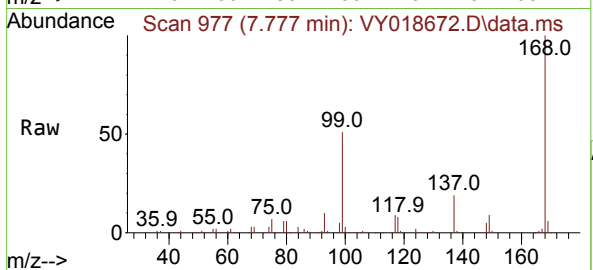
Lab File: VY018672.D

Acq: 24 Jun 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :



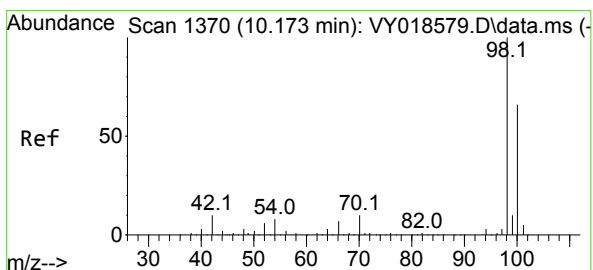
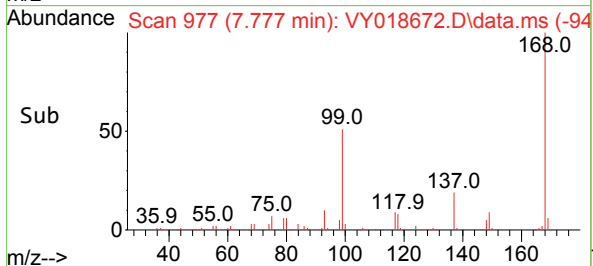
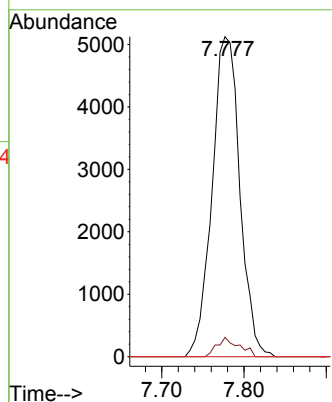
Tgt Ion:117 Resp: 12020

Ion Ratio Lower Upper

117 100

119 6.0 75.8 113.6#

121 0.0 24.0 36.0#



#50

Toluene-d8

Concen: 48.778 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY018672.D

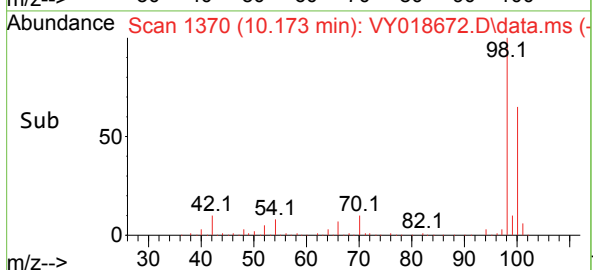
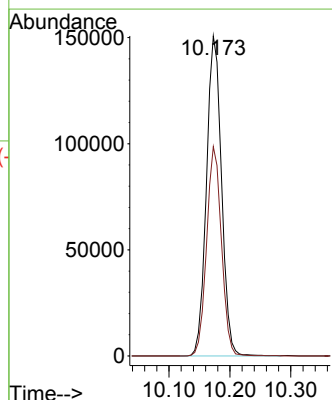
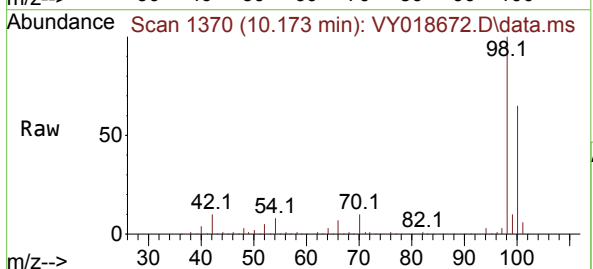
Acq: 24 Jun 2024 10:18

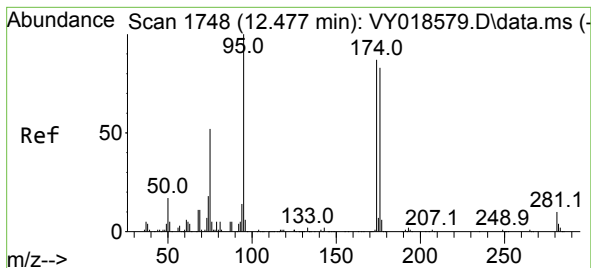
Tgt Ion: 98 Resp: 258988

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0

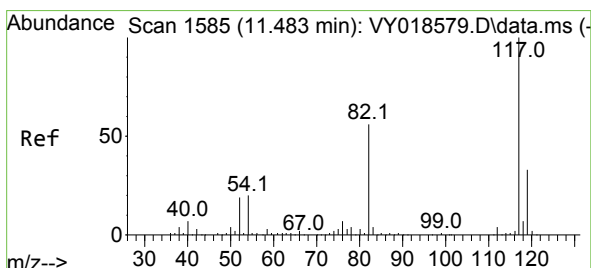
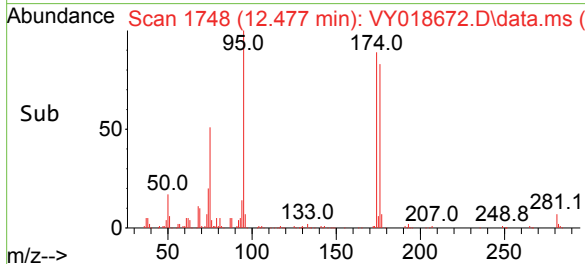
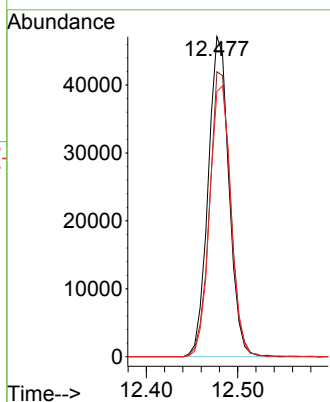
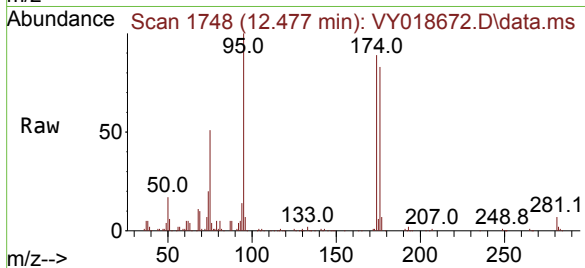




#62
4-Bromofluorobenzene
Concen: 44.380 ug/l
RT: 12.477 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY018672.D
Acq: 24 Jun 2024 10:18

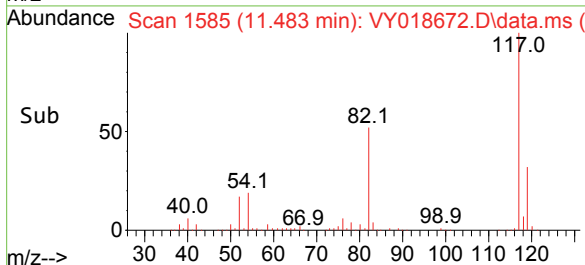
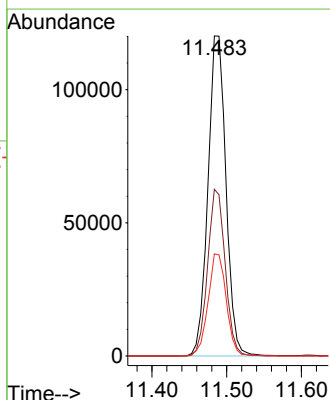
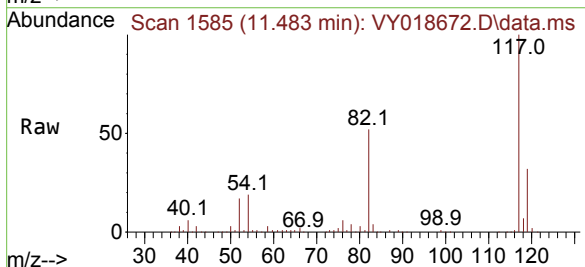
Instrument :
MSVOA_Y
ClientSampleId :

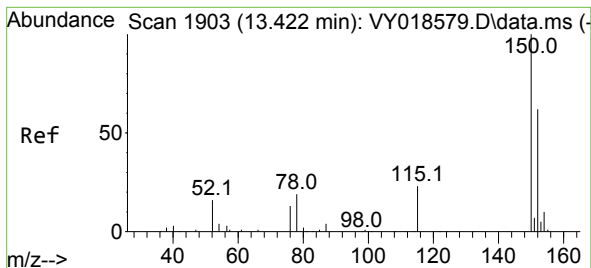
Tgt Ion: 95 Resp: 74408
Ion Ratio Lower Upper
95 100
174 90.0 0.0 175.6
176 86.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VY018672.D
Acq: 24 Jun 2024 10:18

Tgt Ion: 117 Resp: 201561
Ion Ratio Lower Upper
117 100
82 52.1 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: VY018672.D

Acq: 24 Jun 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

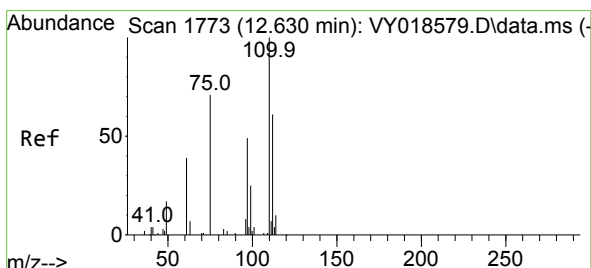
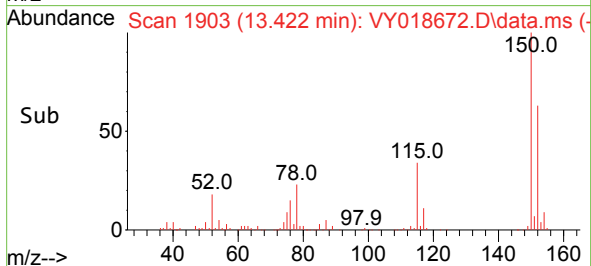
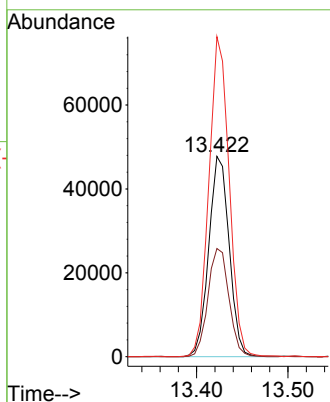
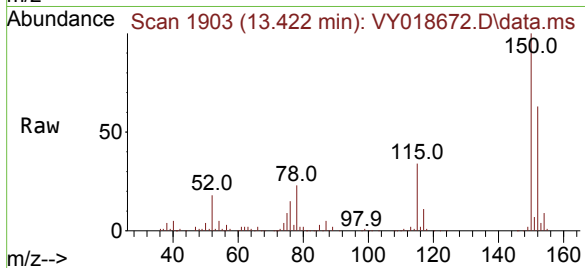
Tgt Ion:152 Resp: 74059

Ion Ratio Lower Upper

152 100

115 55.4 28.2 84.7

150 158.6 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 55.622 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY018672.D

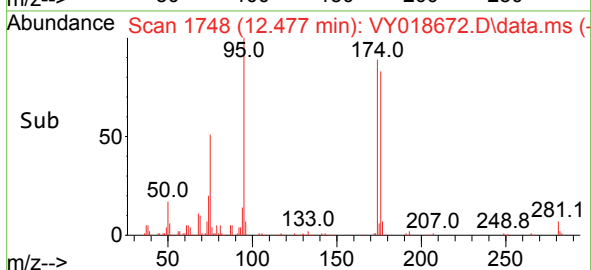
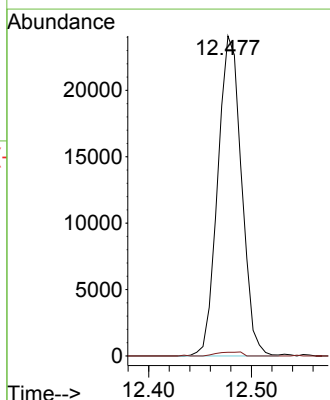
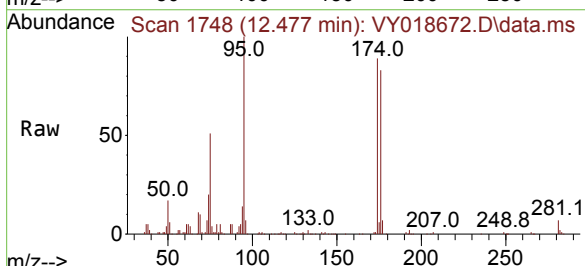
Acq: 24 Jun 2024 10:18

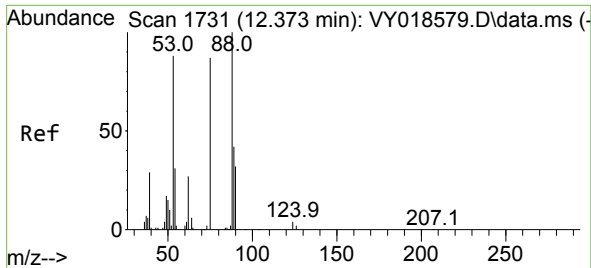
Tgt Ion: 75 Resp: 38641

Ion Ratio Lower Upper

75 100

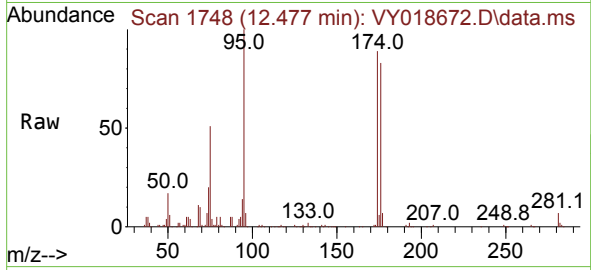
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 145.695 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018672.D
 Acq: 24 Jun 2024 10:18

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 38641
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

