

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061724\
 Data File : VY018619.D
 Acq On : 17 Jun 2024 20:10
 Operator : SY/MD
 Sample : P2915-01
 Misc : 6.42g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 18 01:28:37 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)

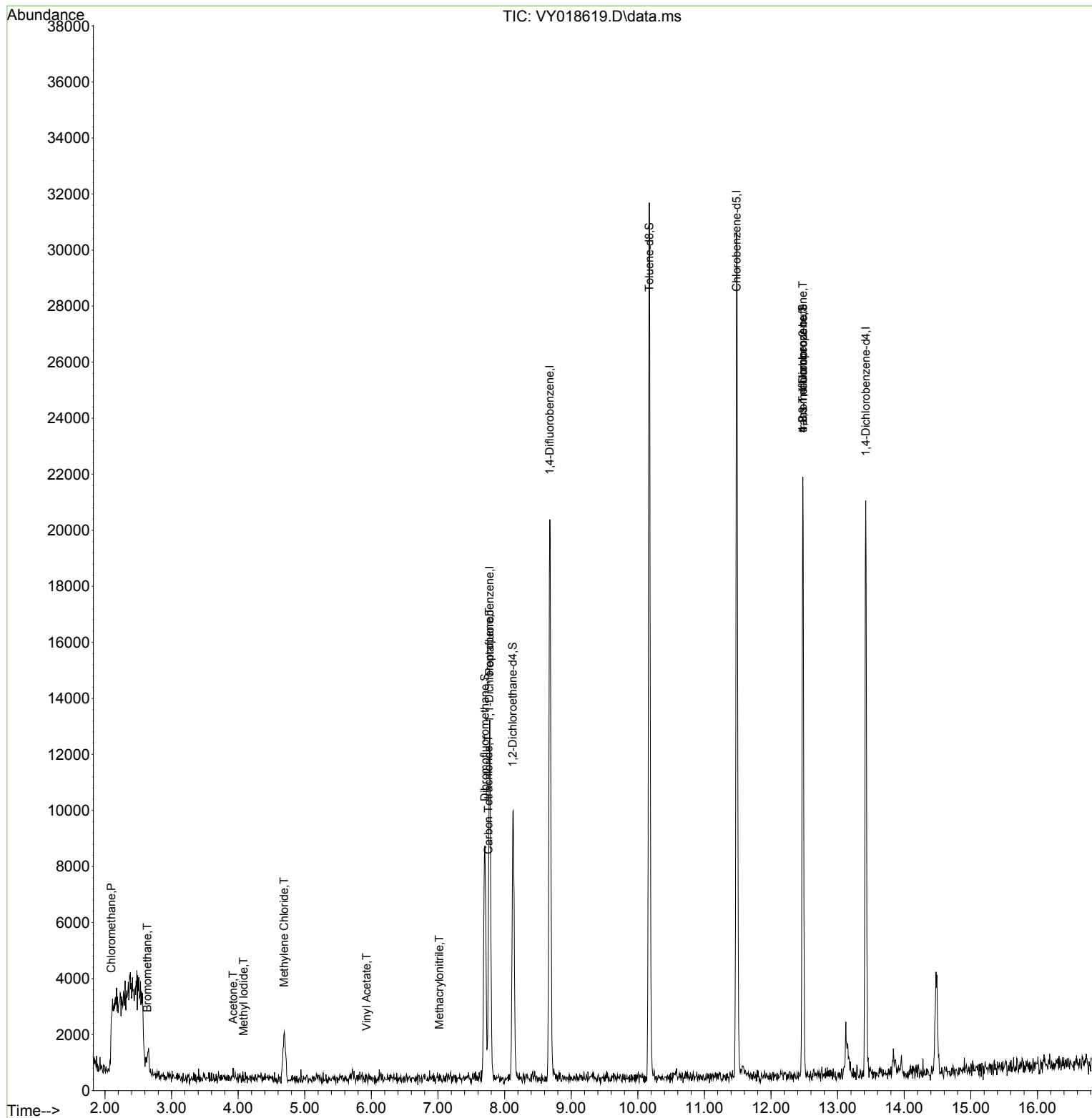
Internal Standards						
1) Pentafluorobenzene	7.776	168	9514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	16982	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	17154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	5668	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.124	65	7059	73.695	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 147.400%			
35) Dibromofluoromethane	7.703	113	6148	59.347	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 118.700%			
50) Toluene-d8	10.172	98	21419	53.765	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.520%			
62) 4-Bromofluorobenzene	12.477	95	5970	47.457	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 94.920%			
Target Compounds			Qvalue			
3) Chloromethane	2.095	50	239	1.852	ug/l #	43
5) Bromomethane	2.637	94	316	2.660	ug/l #	3
10) Methyl Iodide	4.082	142	96	1.564	ug/l #	79
16) Acetone	3.923	43	181	9.288	ug/l	90
20) Methylene Chloride	4.692	84	1300	2.272	ug/l #	80
23) Vinyl Acetate	5.929	43	28	23.786	ug/l #	67
36) 1,1-Dichloropropene	7.770	75	706	4.951	ug/l #	40
38) Carbon Tetrachloride	7.758	117	903	6.036	ug/l #	13
41) Methacrylonitrile	7.021	41	41	1.213	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	3521	66.224	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	3521	173.465	ug/l #	16

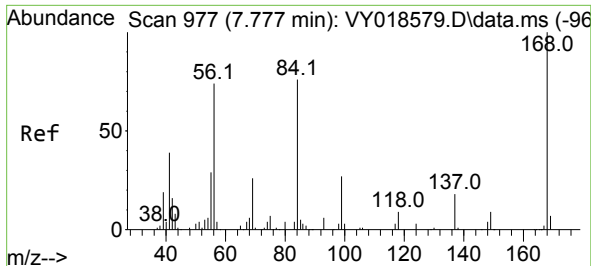
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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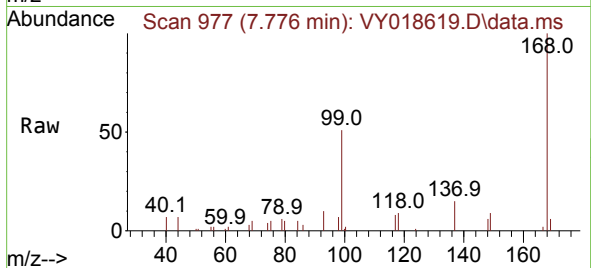
Quant Time: Jun 18 01:28:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 14 07:08:24 2024
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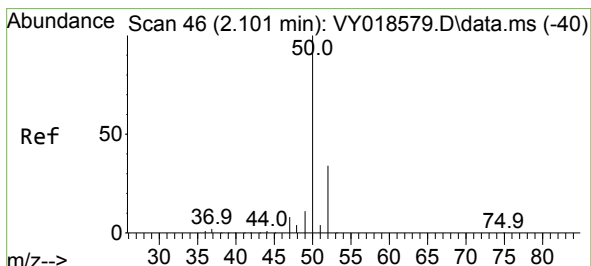
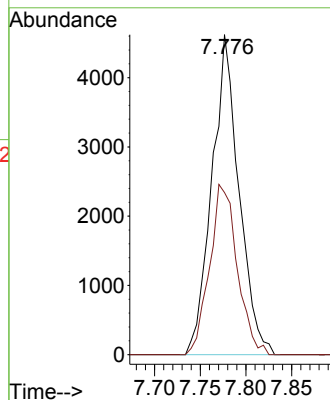
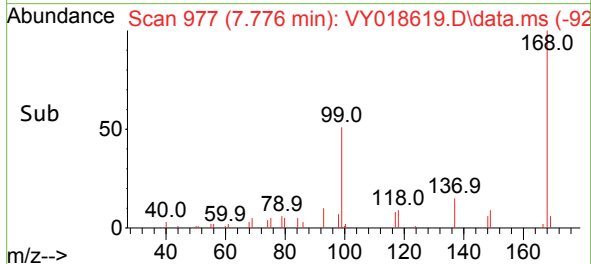


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.776 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY018619.D
Acq: 17 Jun 2024 20:10

Instrument :
MSVOA_Y
ClientSampleId :

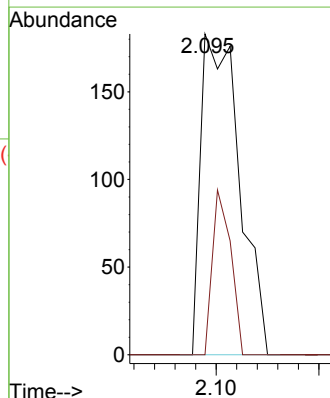
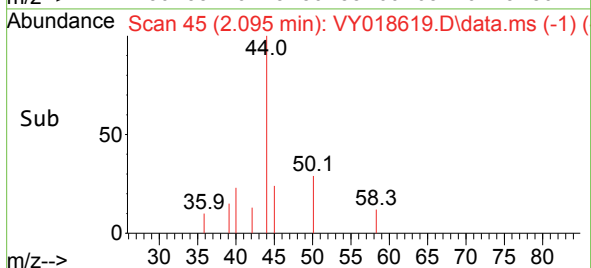
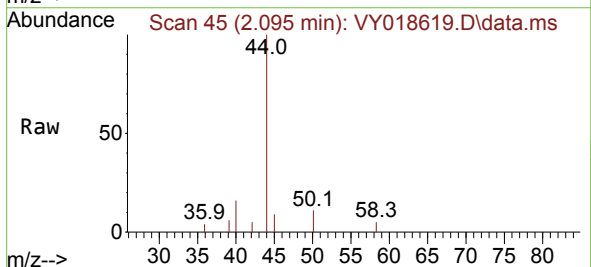


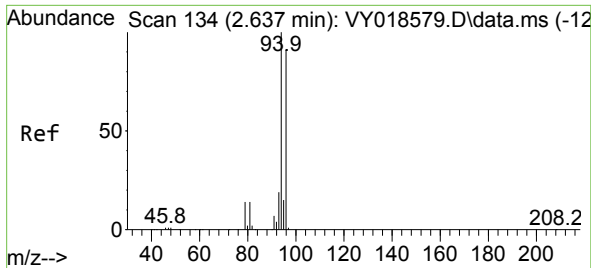
Tgt Ion:168 Resp: 9514
Ion Ratio Lower Upper
168 100
99 50.6 39.1 58.7



#3
Chloromethane
Concen: 1.852 ug/l
RT: 2.095 min Scan# 45
Delta R.T. -0.006 min
Lab File: VY018619.D
Acq: 17 Jun 2024 20:10

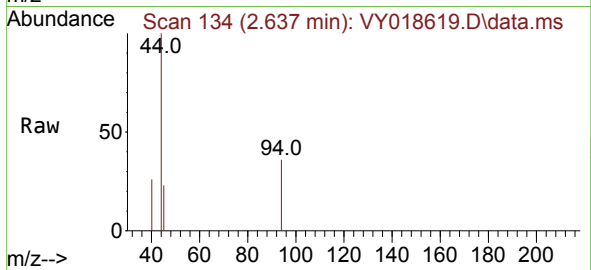
Tgt Ion: 50 Resp: 239
Ion Ratio Lower Upper
50 100
52 0.0 25.6 38.4#



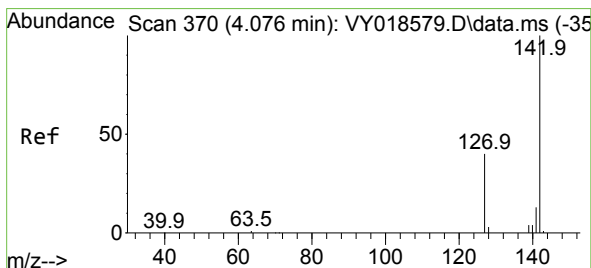
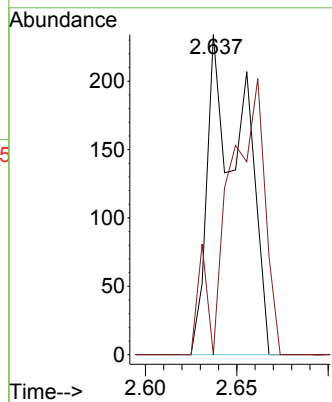
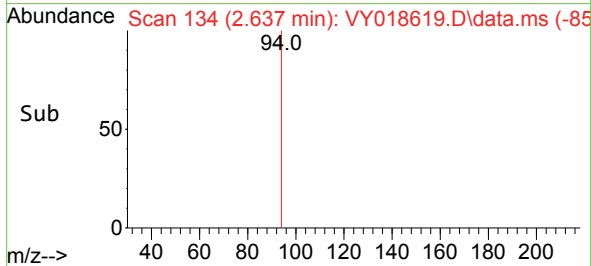


#5
Bromomethane
Concen: 2.660 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018619.D
Acq: 17 Jun 2024 20:10

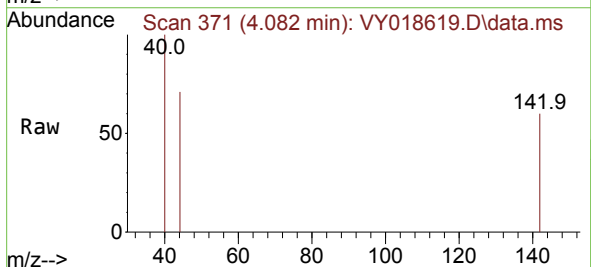
Instrument :
MSVOA_Y
ClientSampleId :



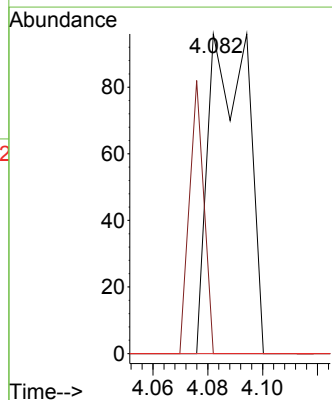
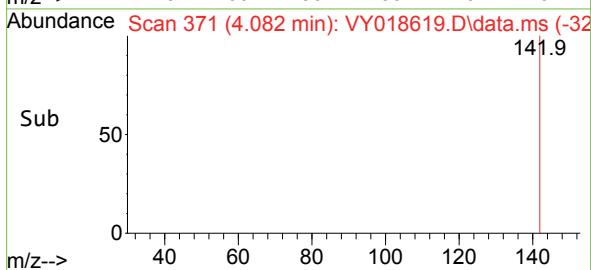
Tgt Ion: 94 Resp: 316
Ion Ratio Lower Upper
94 100
96 0.0 74.1 111.1#

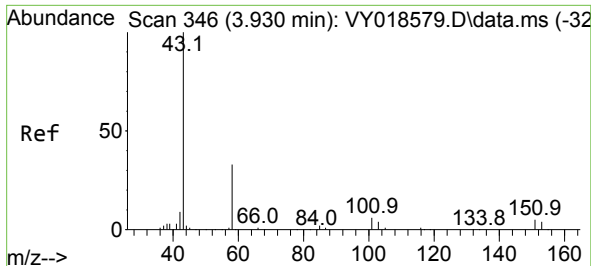


#10
Methyl Iodide
Concen: 1.564 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.006 min
Lab File: VY018619.D
Acq: 17 Jun 2024 20:10



Tgt Ion: 142 Resp: 96
Ion Ratio Lower Upper
142 100
127 31.3 32.8 49.2#
141 0.0 11.4 17.2#





#16

Acetone

Concen: 9.288 ug/l

RT: 3.923 min Scan# 346

Delta R.T. -0.006 min

Lab File: VY018619.D

Acq: 17 Jun 2024 20:10

Instrument :

MSVOA_Y

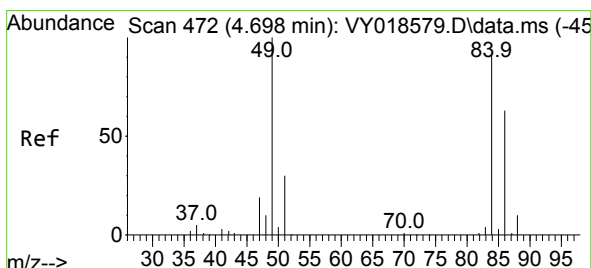
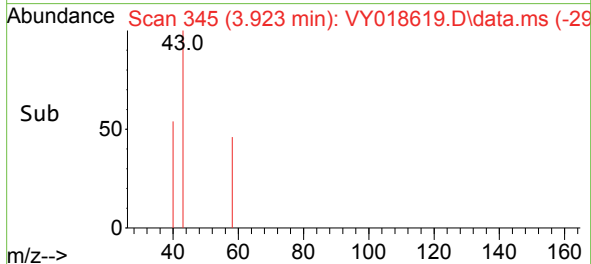
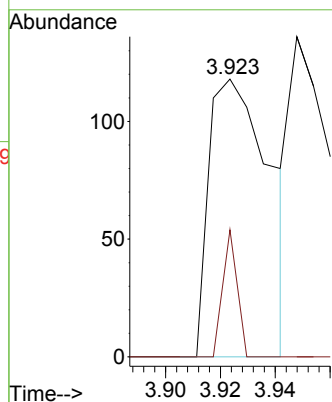
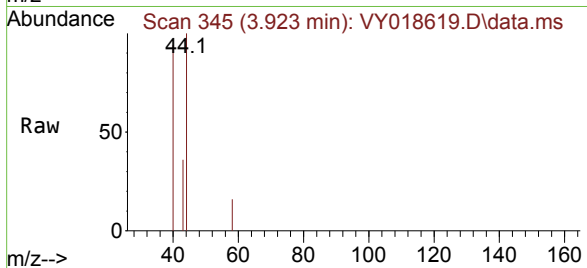
ClientSampleId :

Tgt Ion: 43 Resp: 181

Ion Ratio Lower Upper

43 100

58 45.8 31.7 47.5



#20

Methylene Chloride

Concen: 2.272 ug/l

RT: 4.692 min Scan# 471

Delta R.T. -0.006 min

Lab File: VY018619.D

Acq: 17 Jun 2024 20:10

Tgt Ion: 84 Resp: 1300

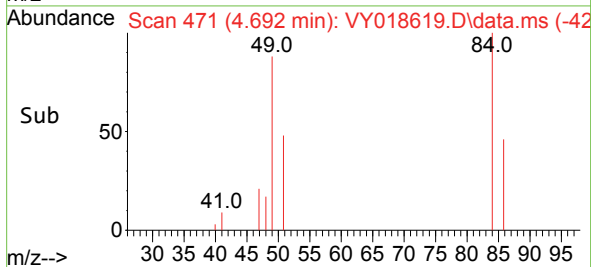
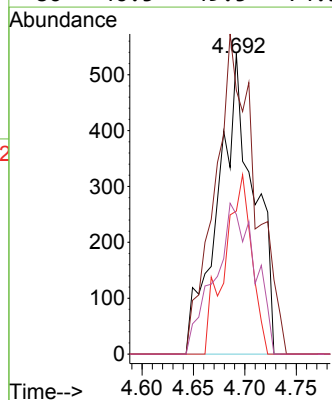
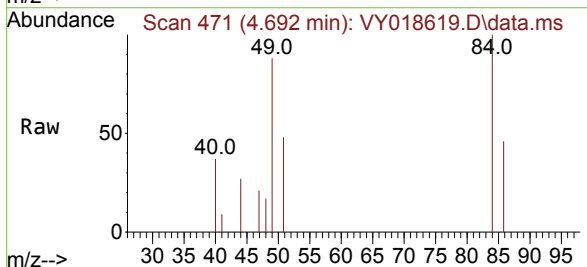
Ion Ratio Lower Upper

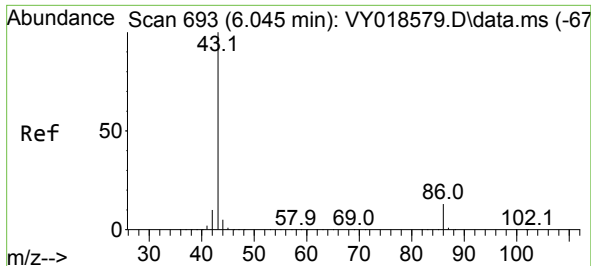
84 100

49 87.7 84.4 126.6

51 47.6 26.0 39.0#

86 46.5 49.5 74.3#





#23

Vinyl Acetate

Concen: 23.786 ug/l

RT: 5.929 min Scan# 61

Delta R.T. -0.116 min

Lab File: VY018619.D

Acq: 17 Jun 2024 20:10

Instrument :

MSVOA_Y

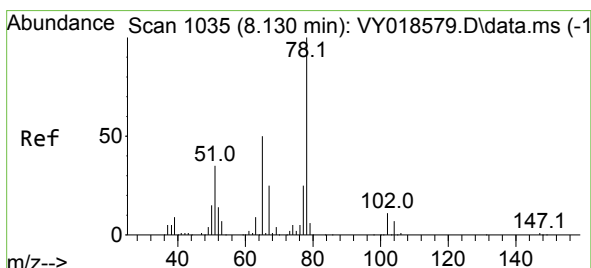
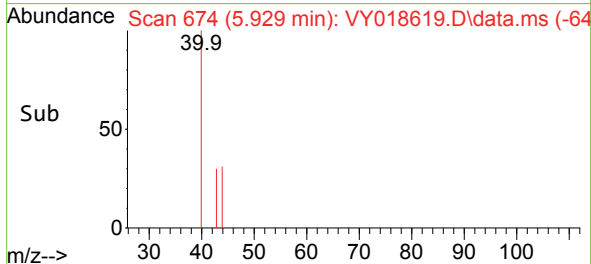
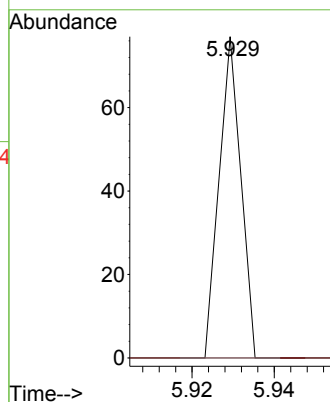
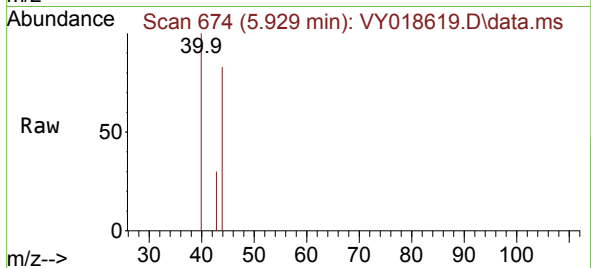
ClientSampleId :

Tgt Ion: 43 Resp: 28

Ion Ratio Lower Upper

43 100

86 0.0 10.6 16.0#



#33

1,2-Dichloroethane-d4

Concen: 73.695 ug/l

RT: 8.124 min Scan# 1034

Delta R.T. -0.006 min

Lab File: VY018619.D

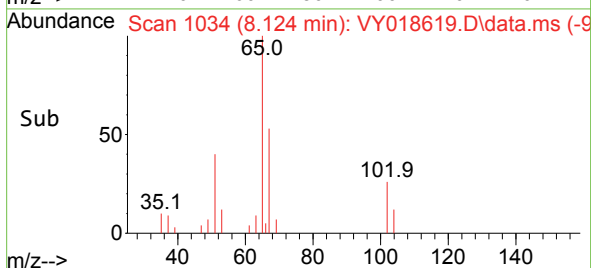
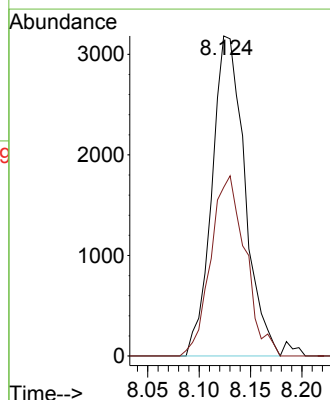
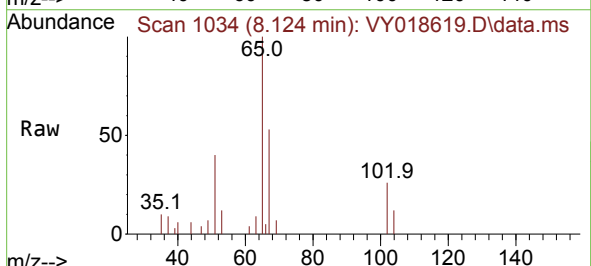
Acq: 17 Jun 2024 20:10

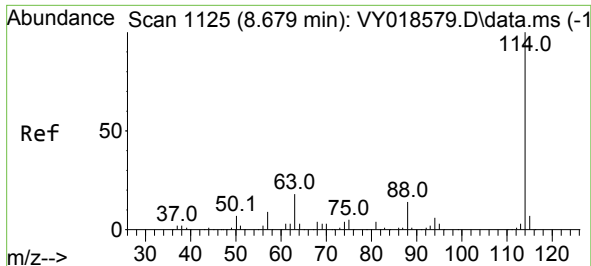
Tgt Ion: 65 Resp: 7059

Ion Ratio Lower Upper

65 100

67 59.6 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: VY018619.D

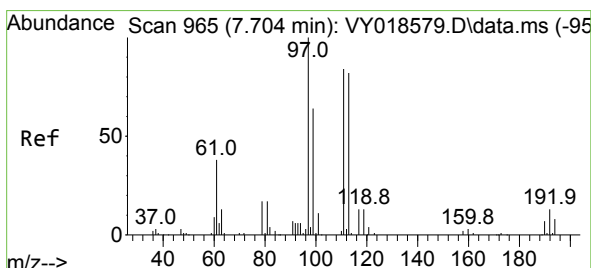
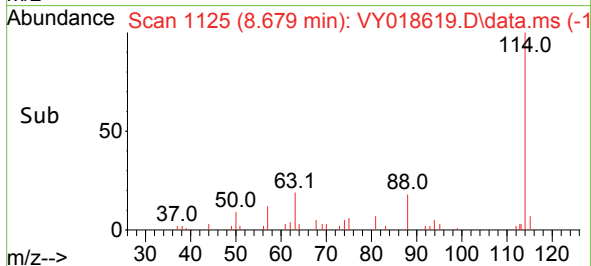
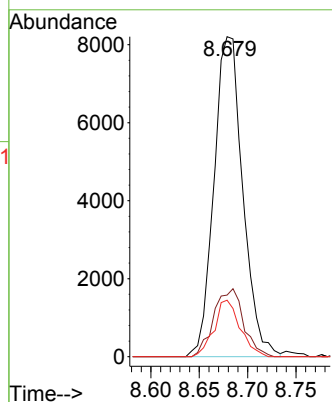
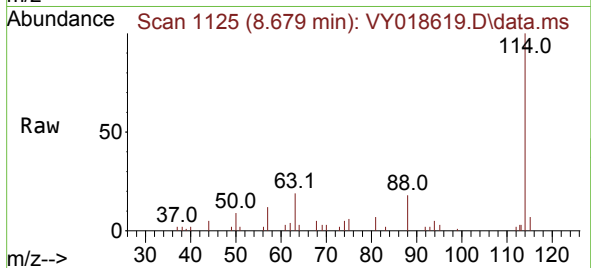
Acq: 17 Jun 2024 20:10

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	16982
Ion Ratio	Lower	Upper
114	100	
63	19.3	0.0 35.0
88	17.7	0.0 27.2



#35

Dibromofluoromethane

Concen: 59.347 ug/l

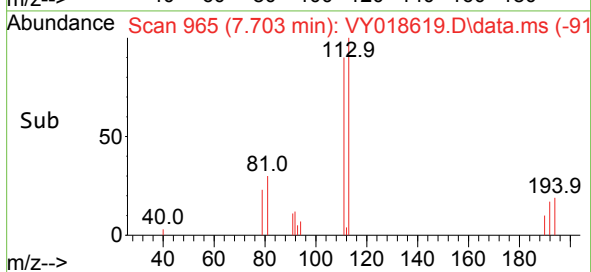
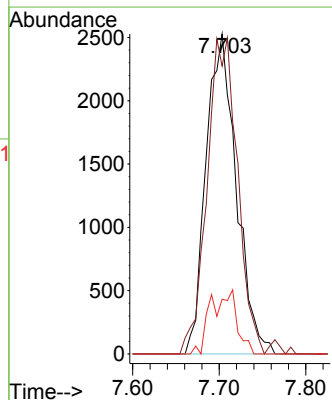
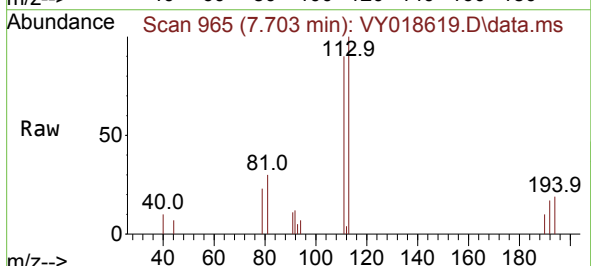
RT: 7.703 min Scan# 965

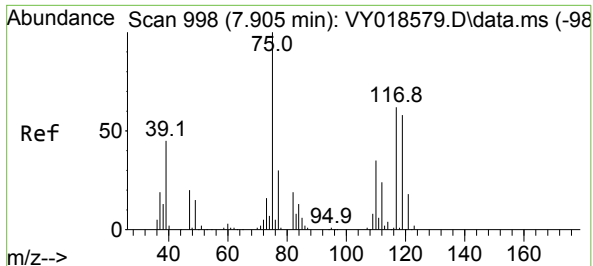
Delta R.T. -0.000 min

Lab File: VY018619.D

Acq: 17 Jun 2024 20:10

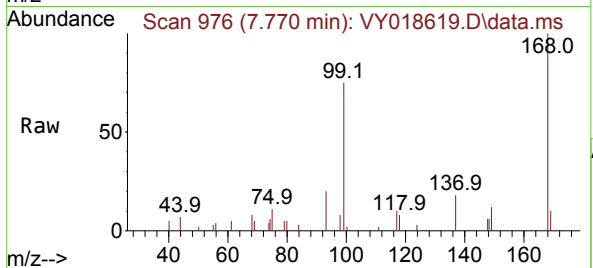
Tgt Ion:113	Resp:	6148
Ion Ratio	Lower	Upper
113	100	
111	99.1	82.2 123.4
192	10.3	15.9 23.9



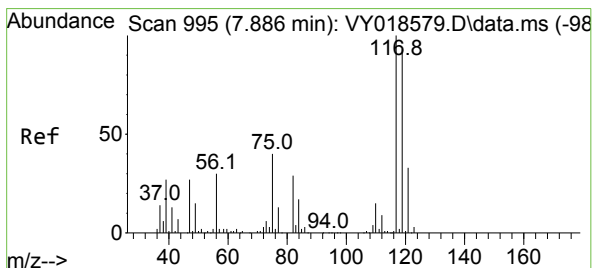
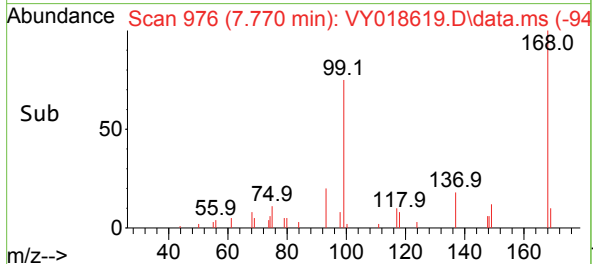
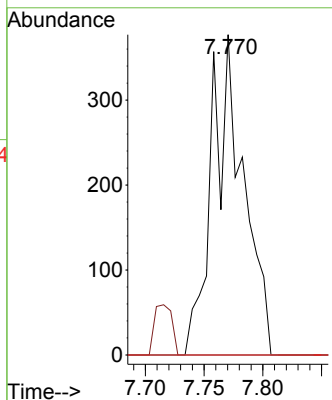


#36
 1,1-Dichloropropene
 Concen: 4.951 ug/l
 RT: 7.770 min Scan# 91
 Delta R.T. -0.134 min
 Lab File: VY018619.D
 Acq: 17 Jun 2024 20:10

Instrument :
 MSVOA_Y
 ClientSampleId :

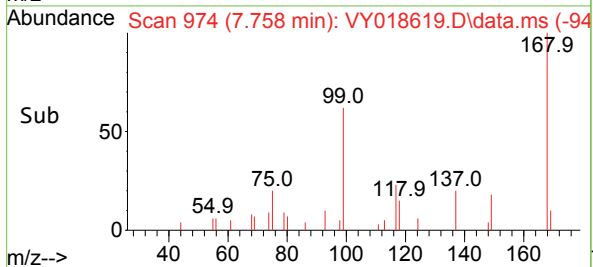
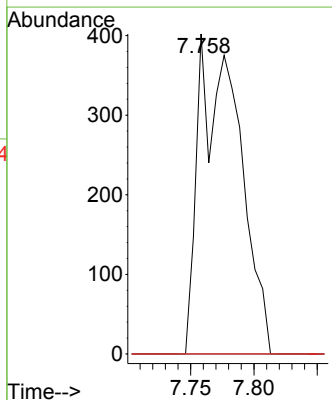
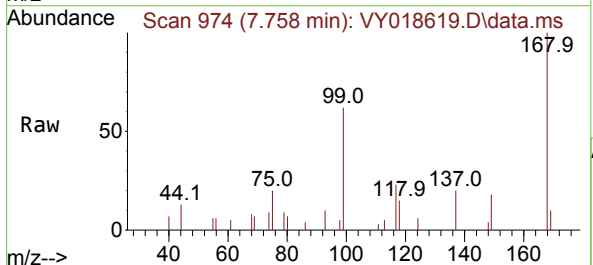


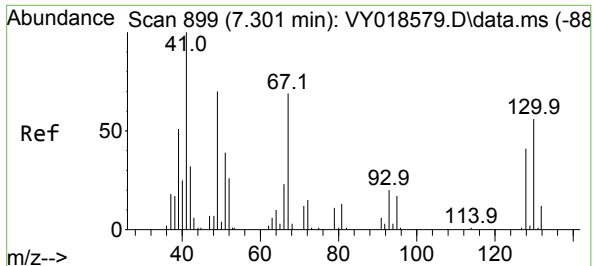
Tgt Ion: 75 Resp: 706
 Ion Ratio Lower Upper
 75 100
 110 0.0 19.0 57.0#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 6.036 ug/l
 RT: 7.758 min Scan# 974
 Delta R.T. -0.128 min
 Lab File: VY018619.D
 Acq: 17 Jun 2024 20:10

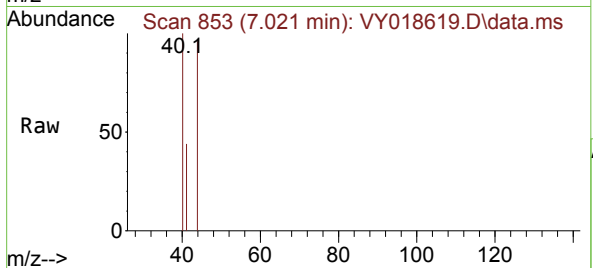
Tgt Ion: 117 Resp: 903
 Ion Ratio Lower Upper
 117 100
 119 0.0 75.8 113.6#
 121 0.0 24.0 36.0#



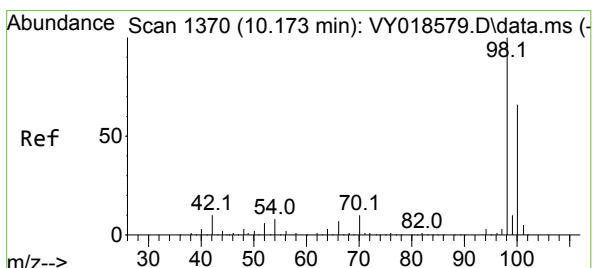
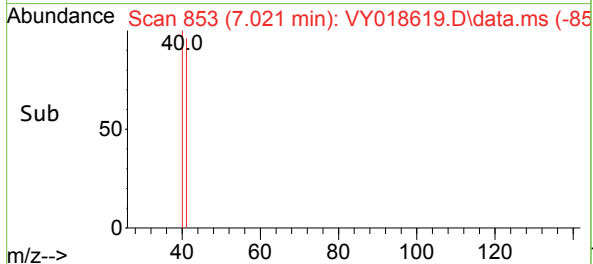
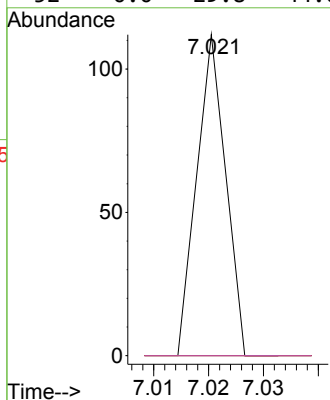


#41
Methacrylonitrile
Concen: 1.213 ug/l
RT: 7.021 min Scan# 81
Delta R.T. -0.281 min
Lab File: VY018619.D
Acq: 17 Jun 2024 20:10

Instrument :
MSVOA_Y
ClientSampleId :

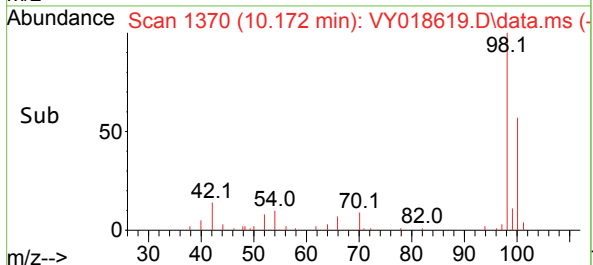
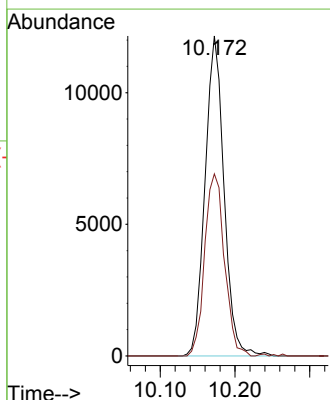
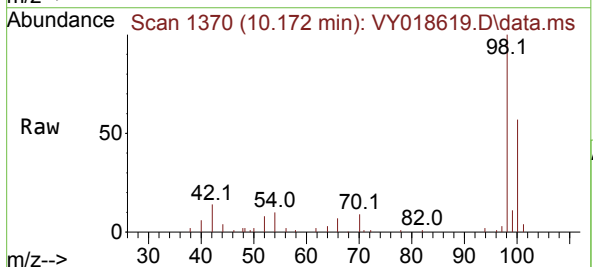


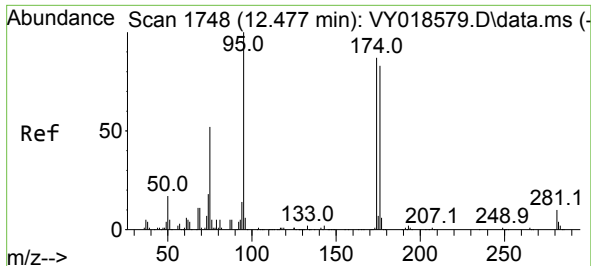
Tgt Ion: 41	Resp: 41
Ion Ratio	Lower Upper
41 100	
39 0.0	48.0 72.0#
67 0.0	75.1 112.7#
52 0.0	29.8 44.6#



#50
Toluene-d8
Concen: 53.765 ug/l
RT: 10.172 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018619.D
Acq: 17 Jun 2024 20:10

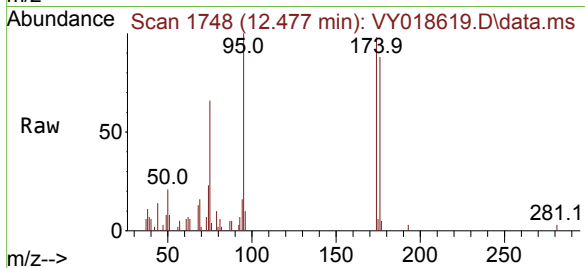
Tgt Ion: 98	Resp: 21419
Ion Ratio	Lower Upper
98 100	
100 59.3	52.0 78.0



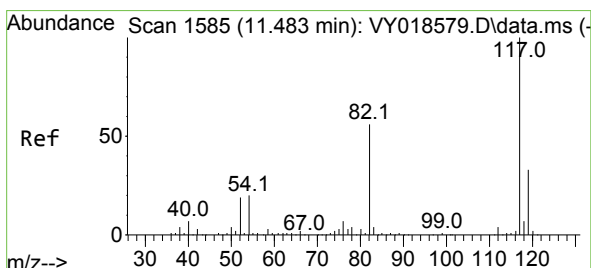
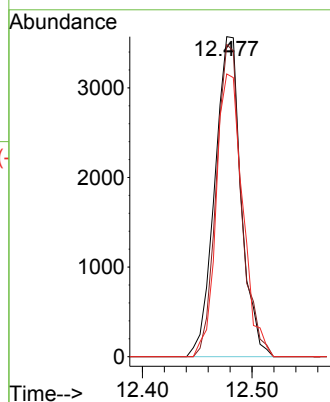
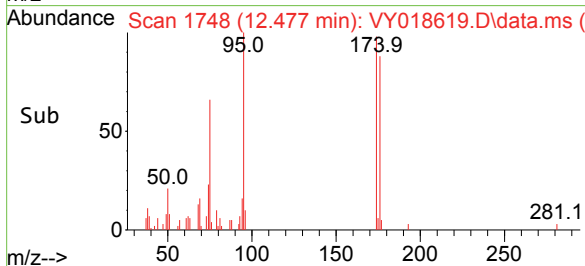


#62
4-Bromofluorobenzene
Concen: 47.457 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018619.D
Acq: 17 Jun 2024 20:10

Instrument :
MSVOA_Y
ClientSampleId :

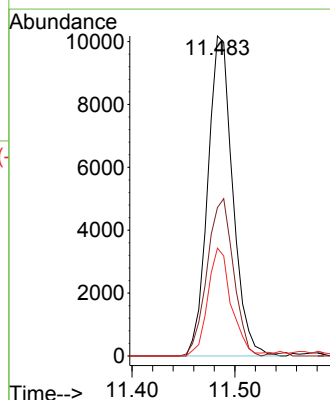
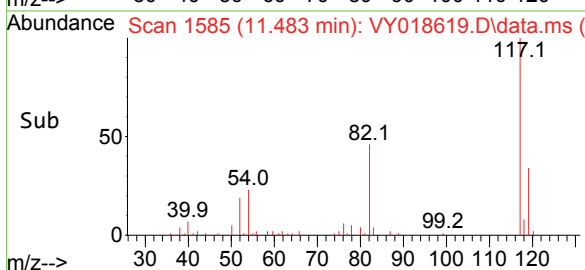
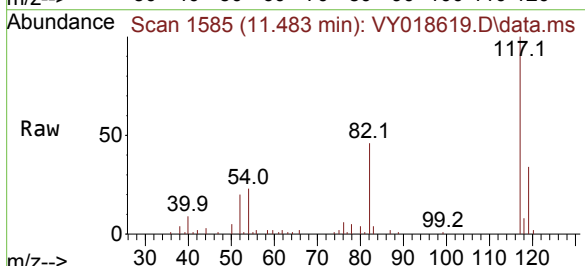


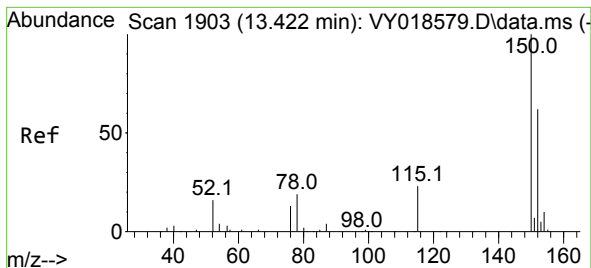
Tgt Ion: 95 Resp: 5970
Ion Ratio Lower Upper
95 100
174 92.6 0.0 175.6
176 89.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.000 min
Lab File: VY018619.D
Acq: 17 Jun 2024 20:10

Tgt Ion: 117 Resp: 17154
Ion Ratio Lower Upper
117 100
82 46.4 42.4 63.6
119 33.7 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: VY018619.D

Acq: 17 Jun 2024 20:10

Instrument :

MSVOA_Y

ClientSampleId :

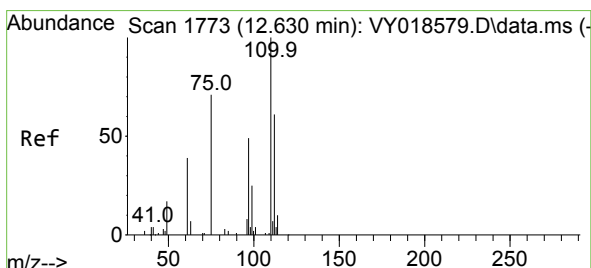
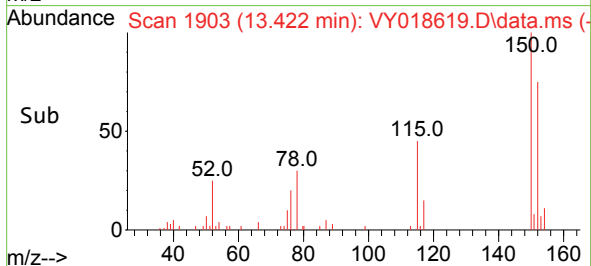
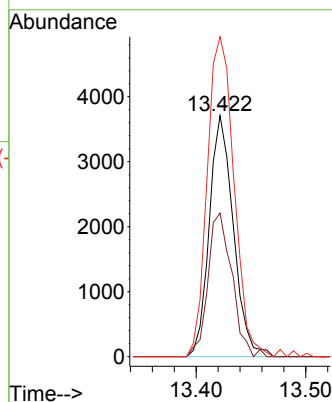
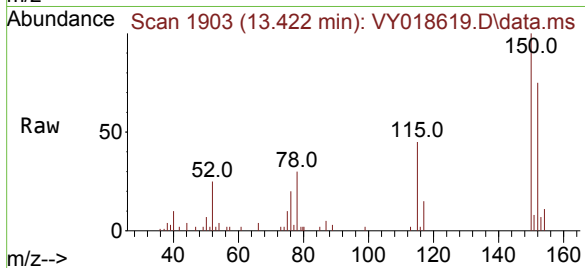
Tgt Ion:152 Resp: 5668

Ion Ratio Lower Upper

152 100

115 59.3 28.2 84.7

150 147.1 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 66.224 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY018619.D

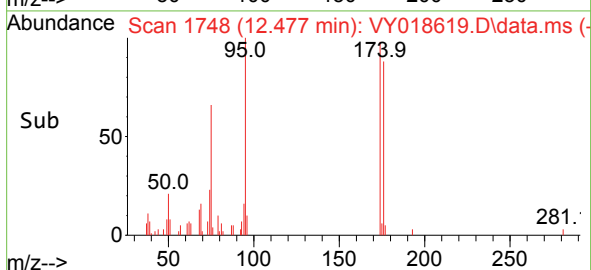
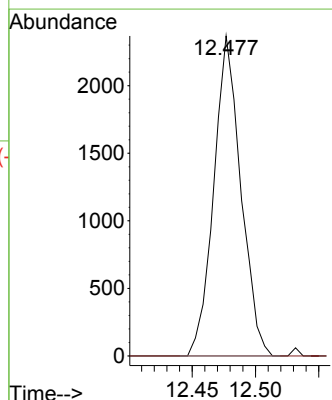
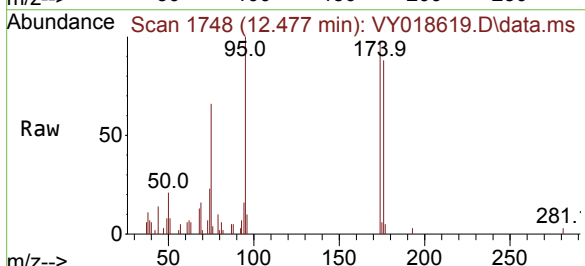
Acq: 17 Jun 2024 20:10

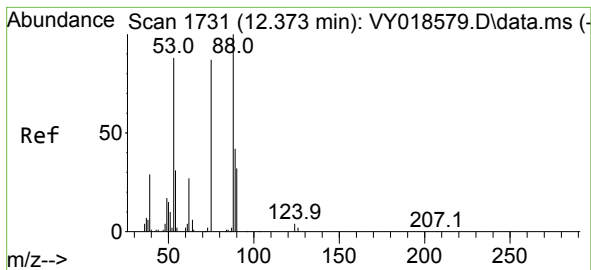
Tgt Ion: 75 Resp: 3521

Ion Ratio Lower Upper

75 100

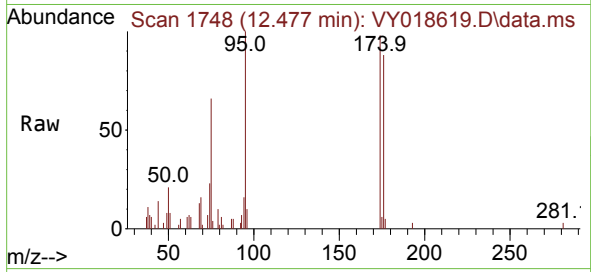
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 173.465 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY018619.D
 Acq: 17 Jun 2024 20:10

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 3521
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

