

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061924\
 Data File : VY018643.D
 Acq On : 19 Jun 2024 14:29
 Operator : SY/MD
 Sample : P2943-04
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 20 02:11:16 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	31103	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	55796	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	46381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	14689	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	16594	52.992	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.980%
35) Dibromofluoromethane	7.704	113	17074	50.164	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.320%
50) Toluene-d8	10.173	98	62846	48.013	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.020%
62) 4-Bromofluorobenzene	12.477	95	16493	39.904	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.800%

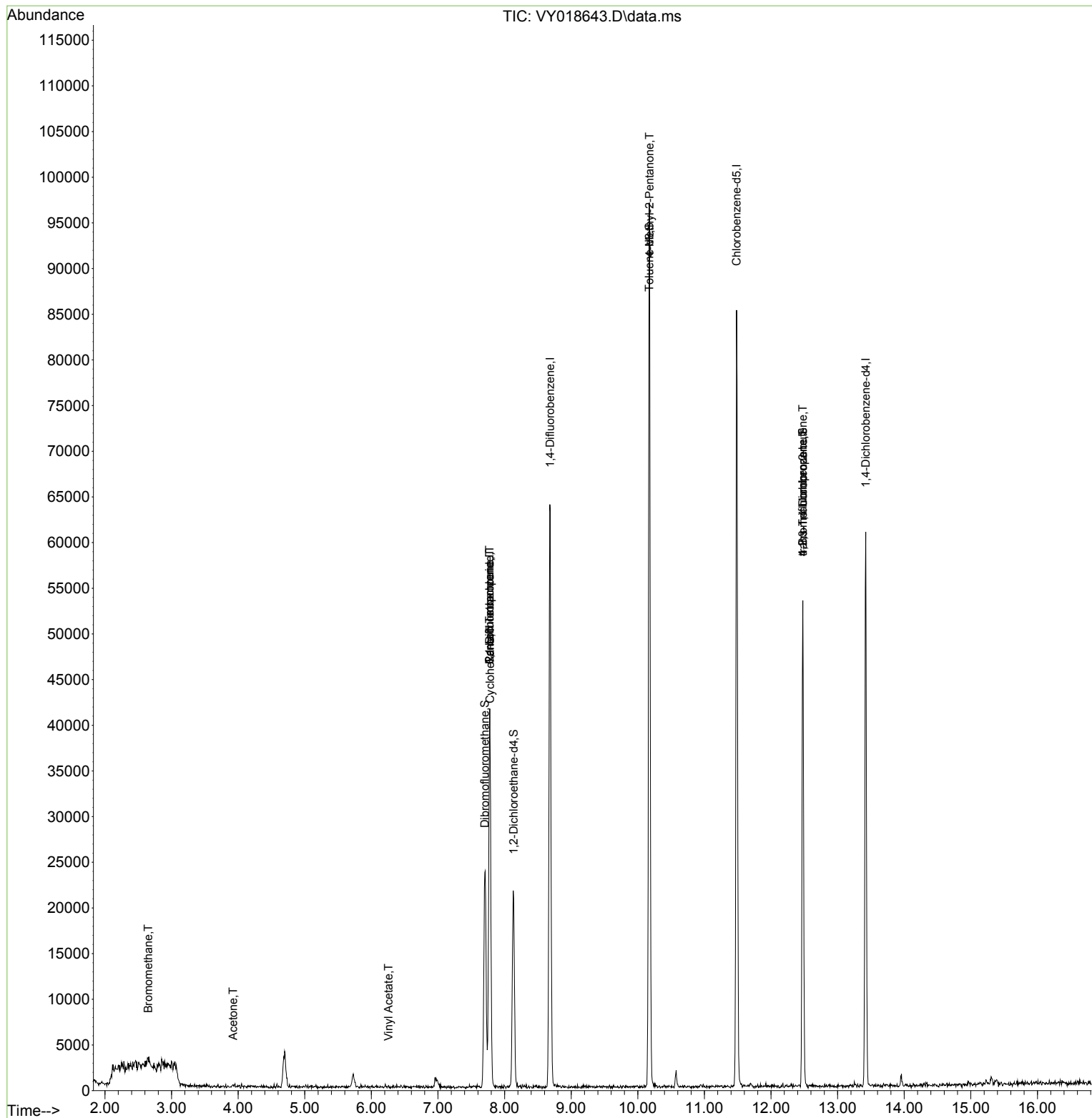
Target Compounds					Qvalue	
5) Bromomethane	2.650	94	599	1.542	ug/l #	19
16) Acetone	3.924	43	481	7.550	ug/l #	36
20) Methylene Chloride	4.704	84	2977	Below Cal	#	84
23) Vinyl Acetate	6.259	43	24	23.721	ug/l #	67
31) Cyclohexane	7.783	56	731	1.524	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	2620	5.592	ug/l #	44
38) Carbon Tetrachloride	7.777	117	3225	6.561	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	280	1.290	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	8824	64.040	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	8824	167.744	ug/l #	16

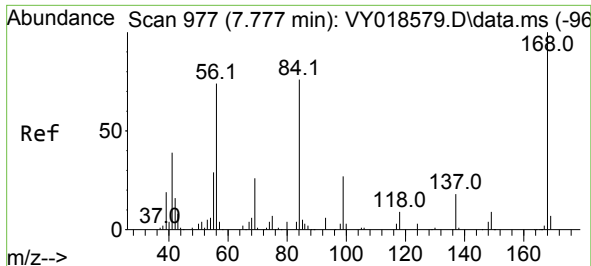
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061924\
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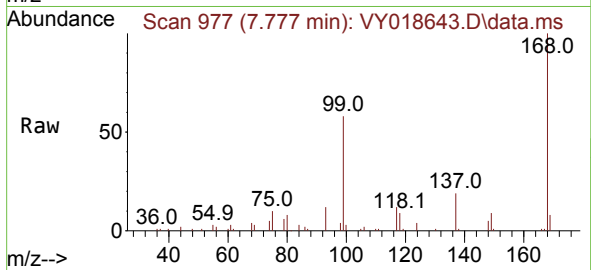
Quant Time: Jun 20 02:11:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 14 07:08:24 2024
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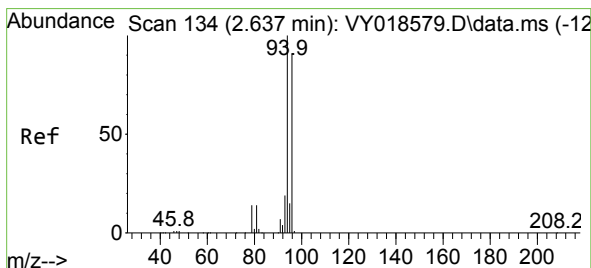
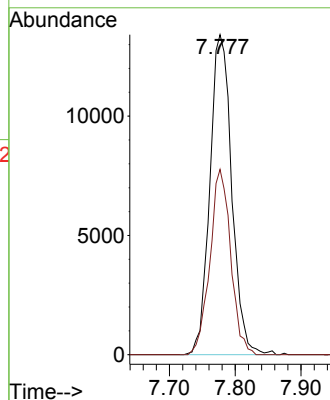
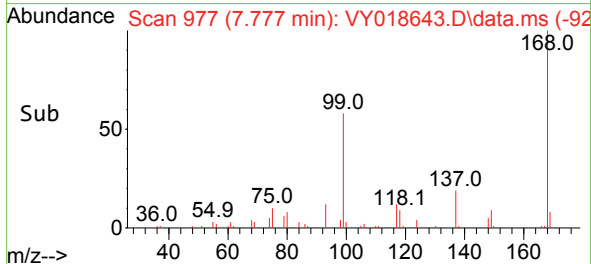


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018643.D
Acq: 19 Jun 2024 14:29

Instrument :
MSVOA_Y
ClientSampleId :

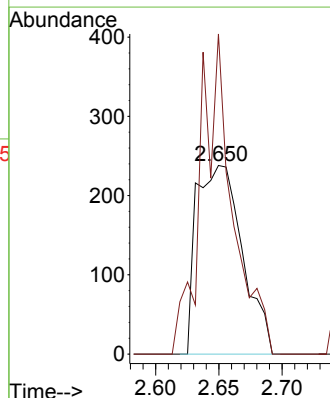
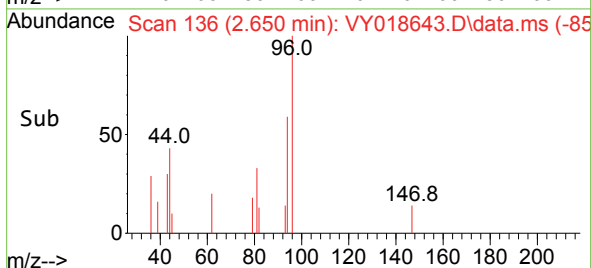
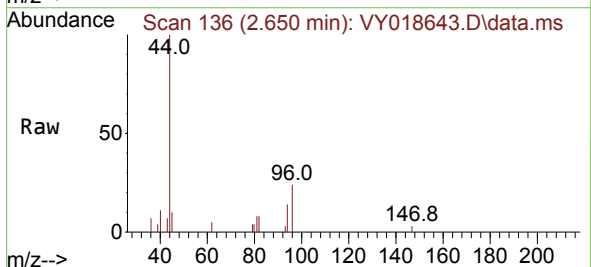


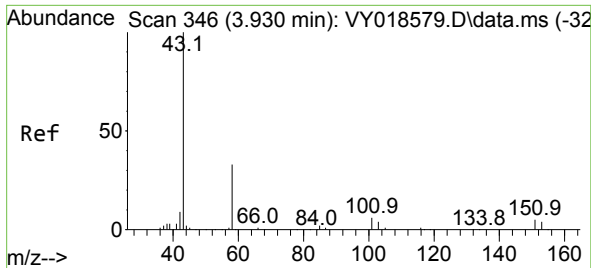
Tgt Ion:168 Resp: 31103
Ion Ratio Lower Upper
168 100
99 57.9 39.1 58.7



#5
Bromomethane
Concen: 1.542 ug/l
RT: 2.650 min Scan# 136
Delta R.T. 0.012 min
Lab File: VY018643.D
Acq: 19 Jun 2024 14:29

Tgt Ion: 94 Resp: 599
Ion Ratio Lower Upper
94 100
96 169.7 74.1 111.1#





#16

Acetone

Concen: 7.550 ug/l

RT: 3.924 min Scan# 346

Delta R.T. -0.006 min

Lab File: VY018643.D

Acq: 19 Jun 2024 14:29

Instrument :

MSVOA_Y

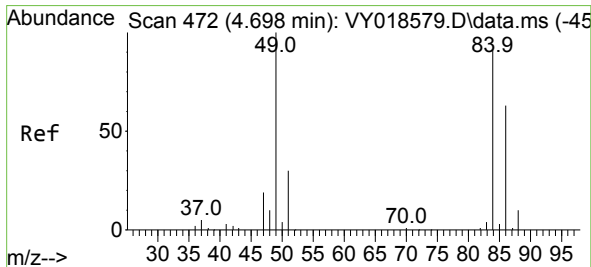
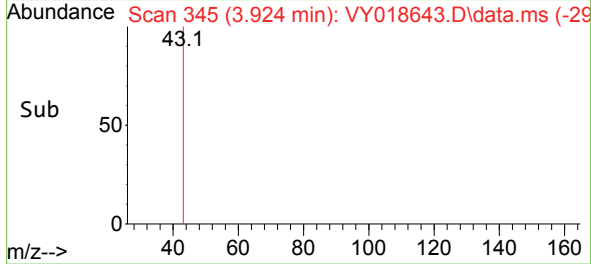
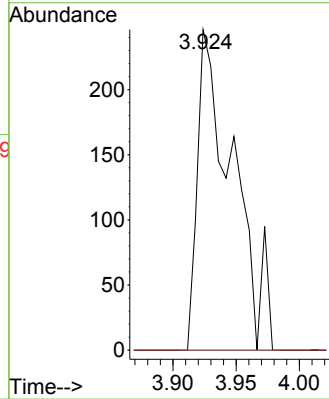
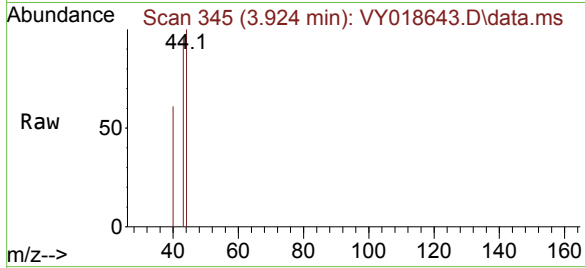
ClientSampleId :

Tgt Ion: 43 Resp: 481

Ion Ratio Lower Upper

43 100

58 0.0 31.7 47.5#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.704 min Scan# 473

Delta R.T. 0.006 min

Lab File: VY018643.D

Acq: 19 Jun 2024 14:29

Tgt Ion: 84 Resp: 2977

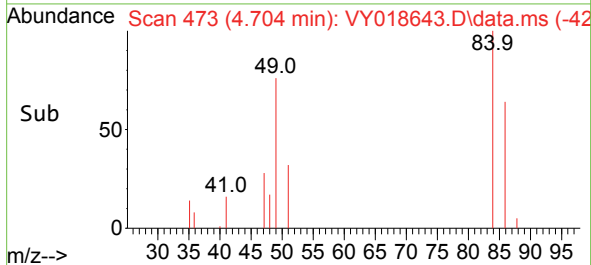
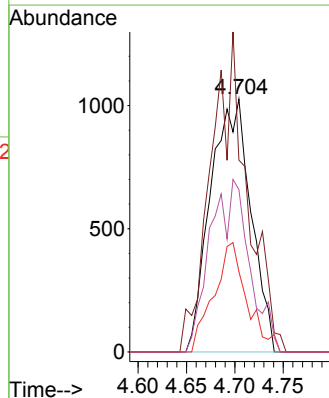
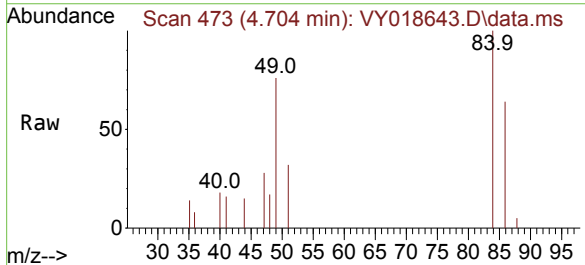
Ion Ratio Lower Upper

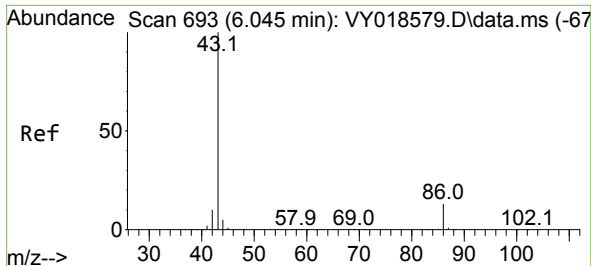
84 100

49 75.9 84.4 126.6#

51 31.7 26.0 39.0

86 64.2 49.5 74.3

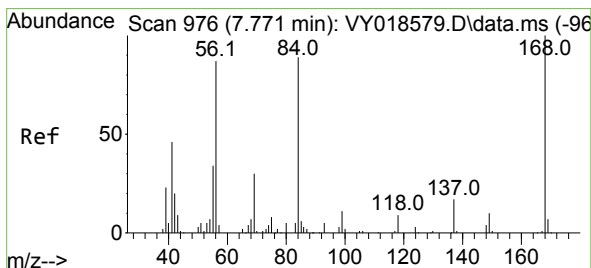
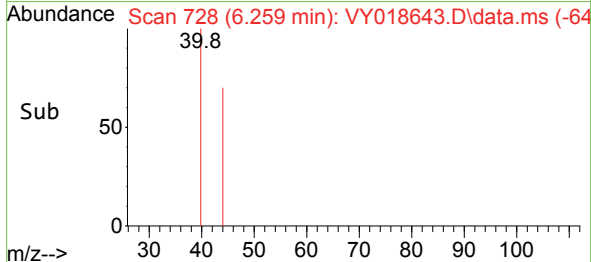
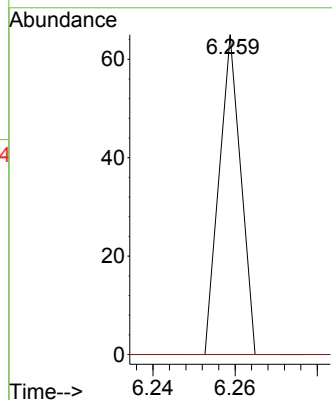
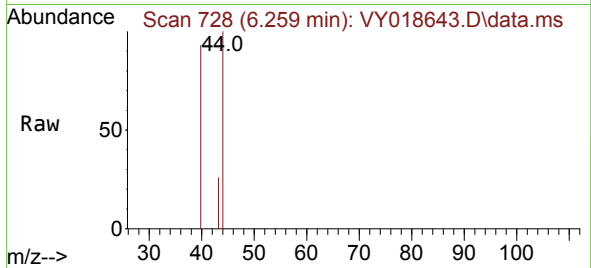




#23
 Vinyl Acetate
 Concen: 23.721 ug/l
 RT: 6.259 min Scan# 71
 Delta R.T. 0.214 min
 Lab File: VY018643.D
 Acq: 19 Jun 2024 14:29

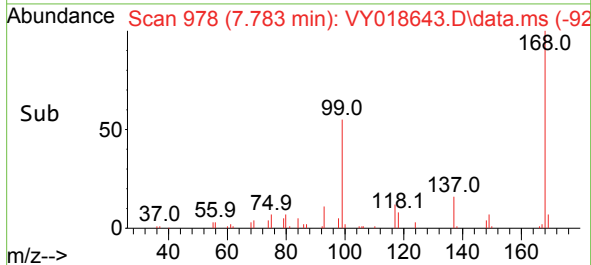
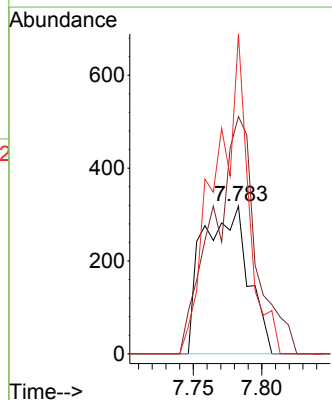
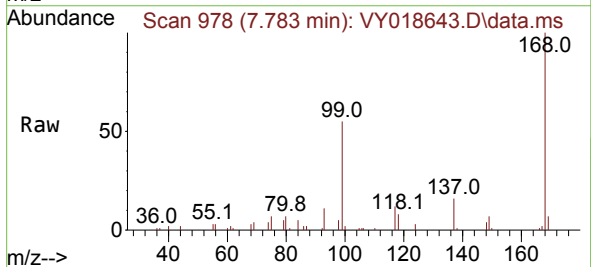
Instrument :
 MSVOA_Y
 ClientSampleId :

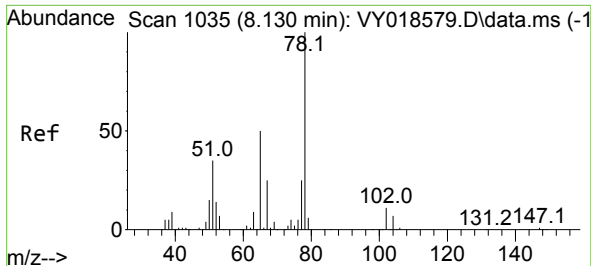
Tgt Ion: 43 Resp: 24
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.6 16.0#



#31
 Cyclohexane
 Concen: 1.524 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. 0.012 min
 Lab File: VY018643.D
 Acq: 19 Jun 2024 14:29

Tgt Ion: 56 Resp: 731
 Ion Ratio Lower Upper
 56 100
 69 160.7 28.7 43.1#
 84 216.7 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 52.992 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VY018643.D

Acq: 19 Jun 2024 14:29

Instrument :

MSVOA_Y

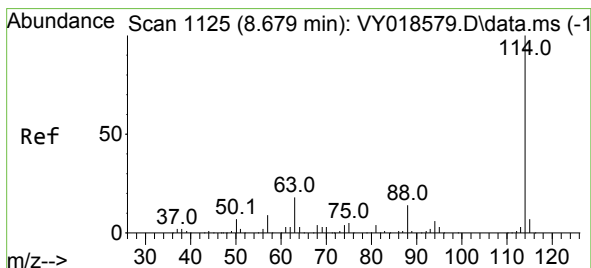
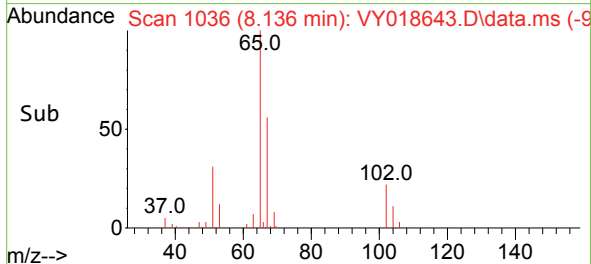
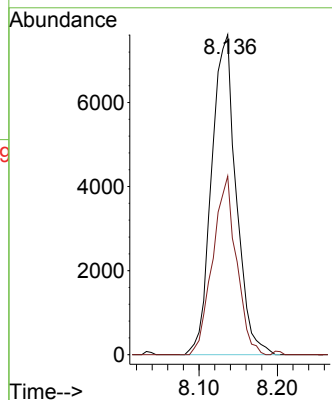
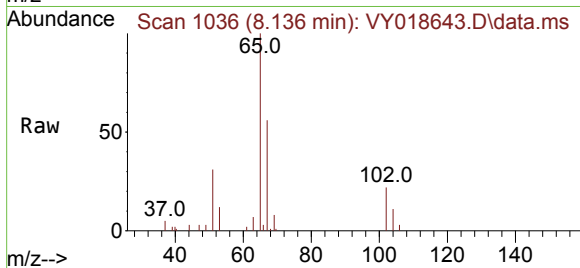
ClientSampleId :

Tgt Ion: 65 Resp: 16594

Ion Ratio Lower Upper

65 100

67 53.8 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: VY018643.D

Acq: 19 Jun 2024 14:29

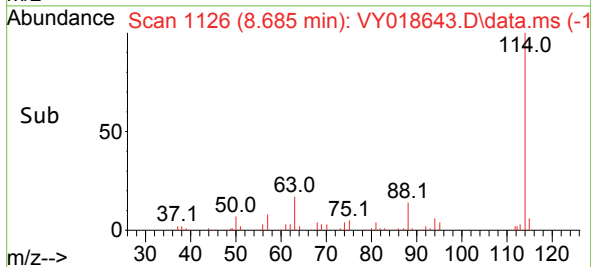
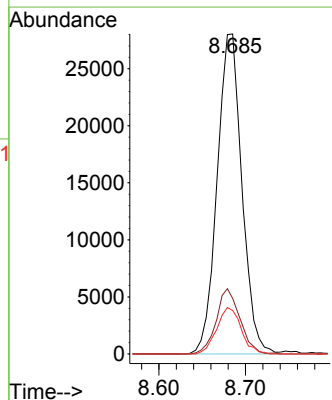
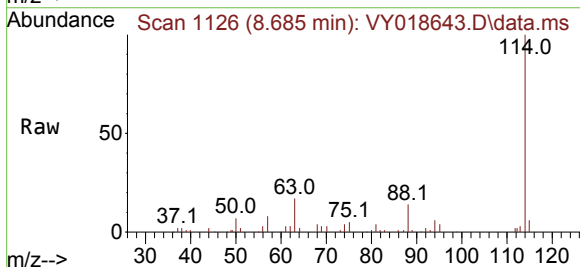
Tgt Ion: 114 Resp: 55796

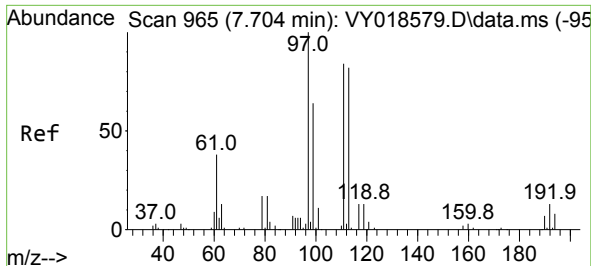
Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.0

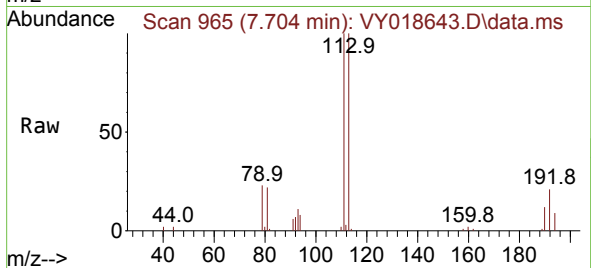
88 13.6 0.0 27.2



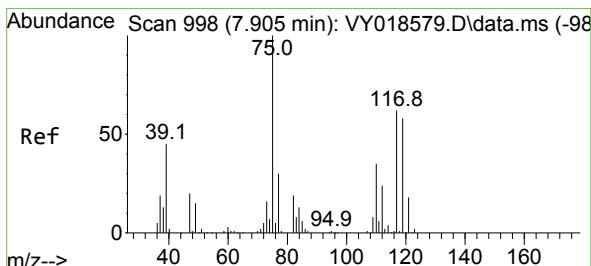
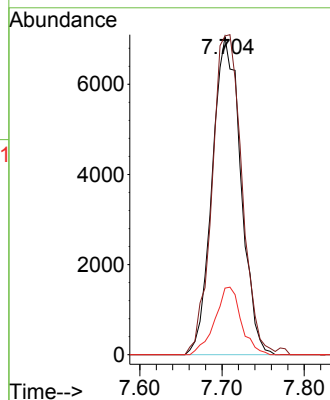
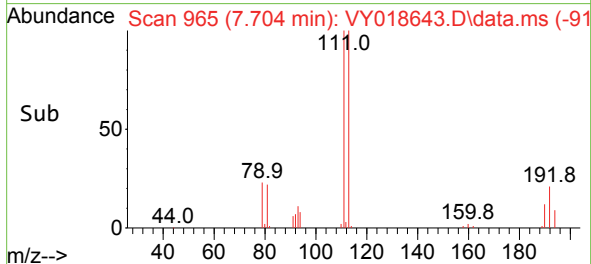


#35
Dibromofluoromethane
Concen: 50.164 ug/l
RT: 7.704 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY018643.D
Acq: 19 Jun 2024 14:29

Instrument :
MSVOA_Y
ClientSampleId :

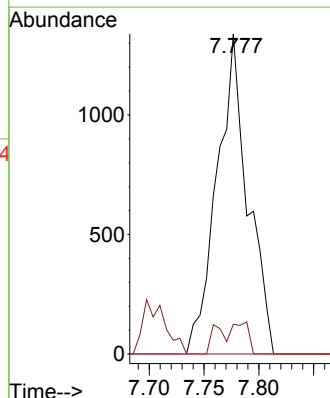
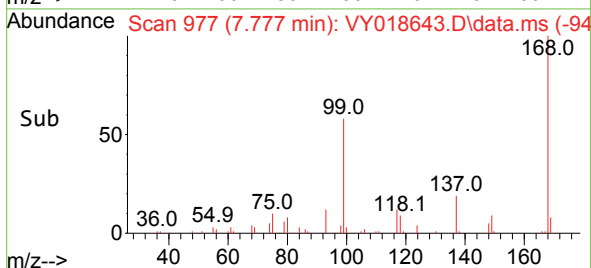
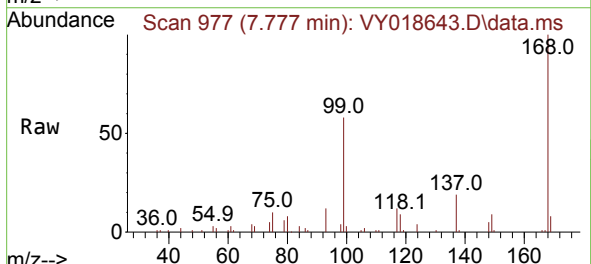


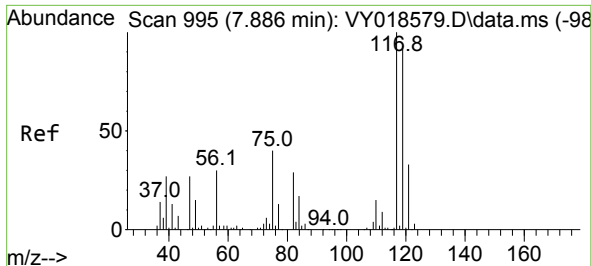
Tgt Ion:113 Resp: 17074
Ion Ratio Lower Upper
113 100
111 104.5 82.2 123.4
192 19.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.592 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.128 min
Lab File: VY018643.D
Acq: 19 Jun 2024 14:29

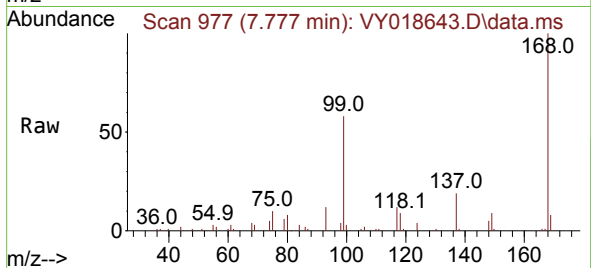
Tgt Ion: 75 Resp: 2620
Ion Ratio Lower Upper
75 100
110 5.3 19.0 57.0#
77 0.0 25.3 37.9#



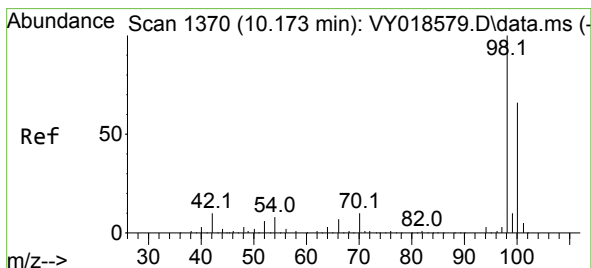
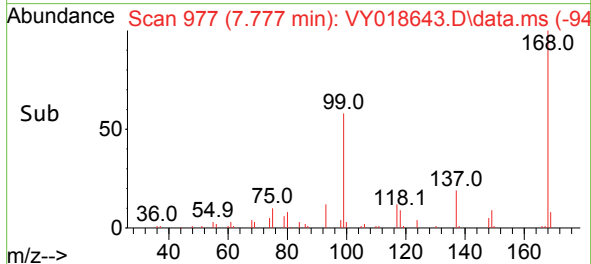
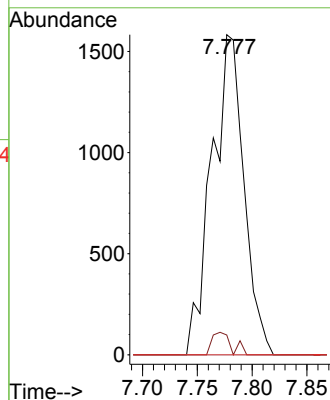


#38
Carbon Tetrachloride
Concen: 6.561 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY018643.D
Acq: 19 Jun 2024 14:29

Instrument :
MSVOA_Y
ClientSampleId :

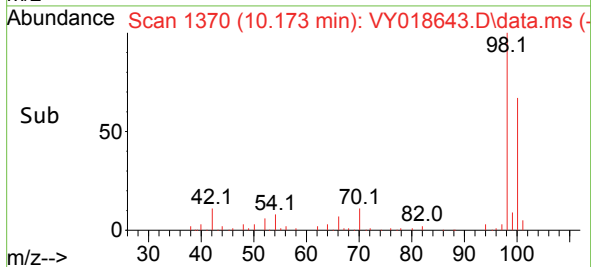
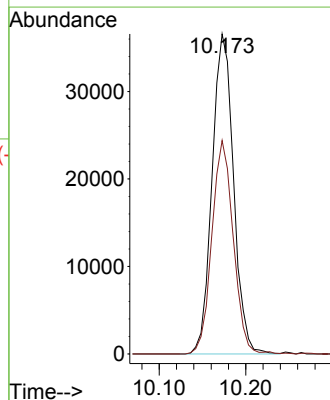
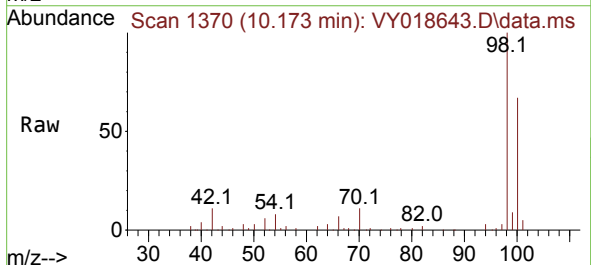


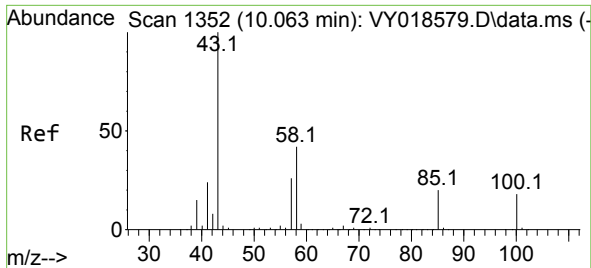
Tgt Ion:117 Resp: 3225
Ion Ratio Lower Upper
117 100
119 6.2 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 48.013 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018643.D
Acq: 19 Jun 2024 14:29

Tgt Ion: 98 Resp: 62846
Ion Ratio Lower Upper
98 100
100 66.7 52.0 78.0

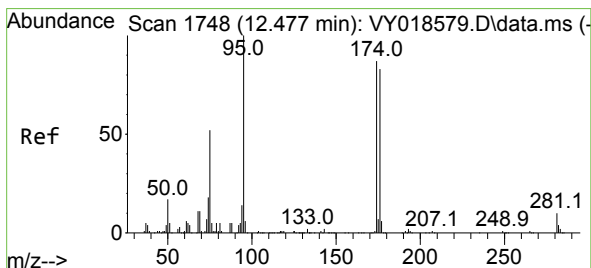
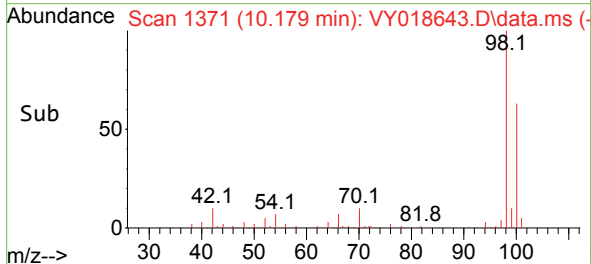
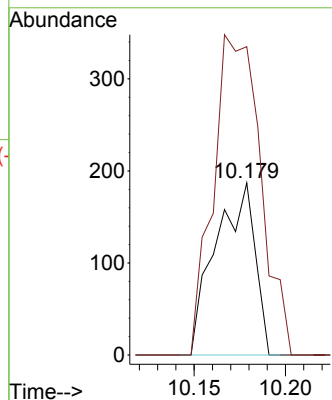
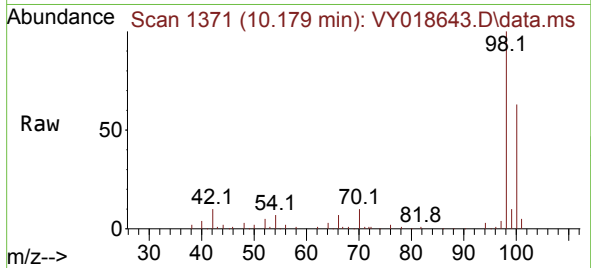




#51
4-Methyl-2-Pentanone
Concen: 1.290 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.116 min
Lab File: VY018643.D
Acq: 19 Jun 2024 14:29

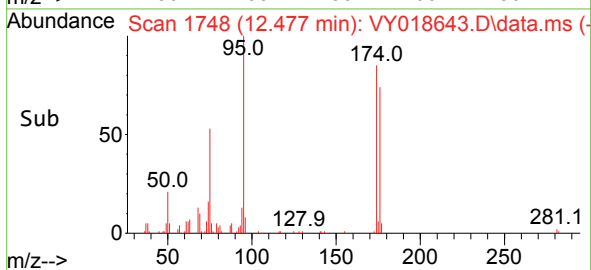
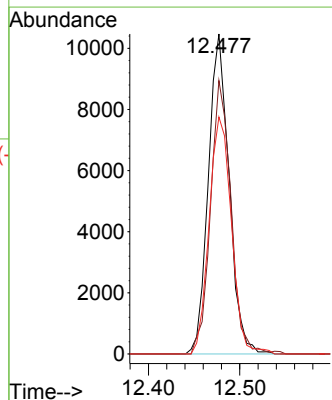
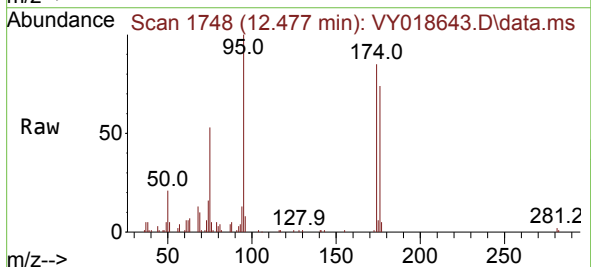
Instrument :
MSVOA_Y
ClientSampleId :

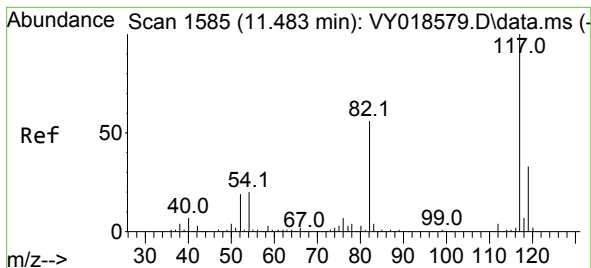
Tgt Ion: 43 Resp: 280
Ion Ratio Lower Upper
43 100
58 223.6 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 39.904 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018643.D
Acq: 19 Jun 2024 14:29

Tgt Ion: 95 Resp: 16493
Ion Ratio Lower Upper
95 100
174 84.5 0.0 175.6
176 79.7 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: VY018643.D

Acq: 19 Jun 2024 14:29

Instrument :

MSVOA_Y

ClientSampleId :

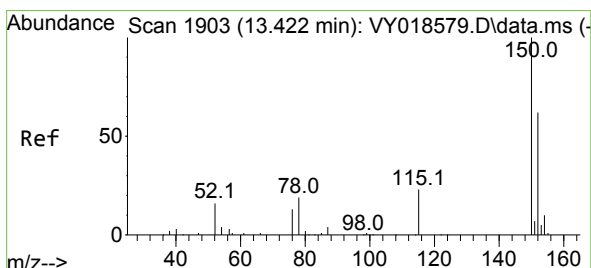
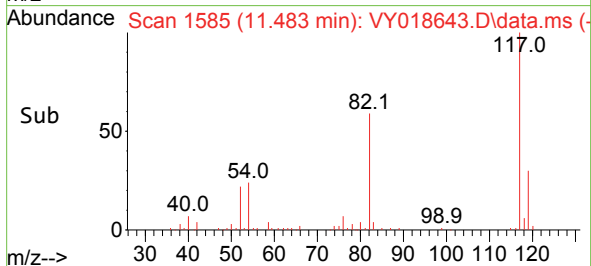
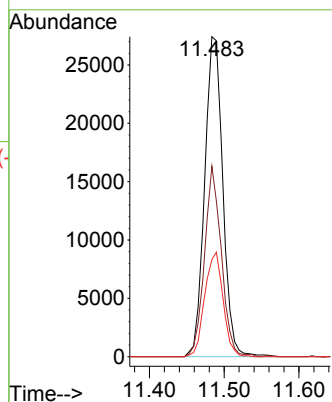
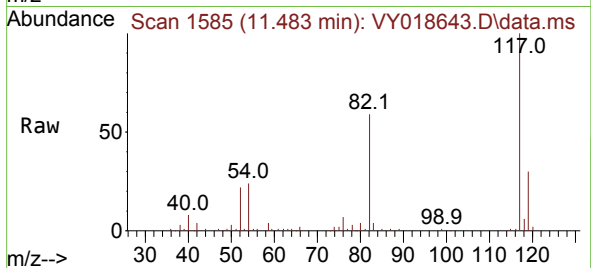
Tgt Ion:117 Resp: 46381

Ion Ratio Lower Upper

117 100

82 59.5 42.4 63.6

119 30.4 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: VY018643.D

Acq: 19 Jun 2024 14:29

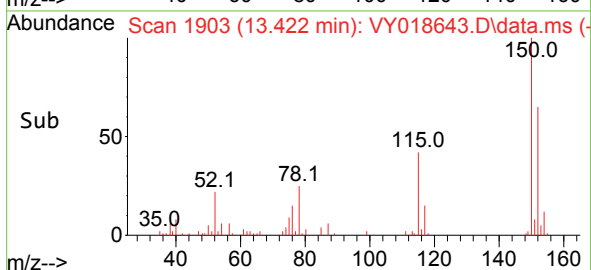
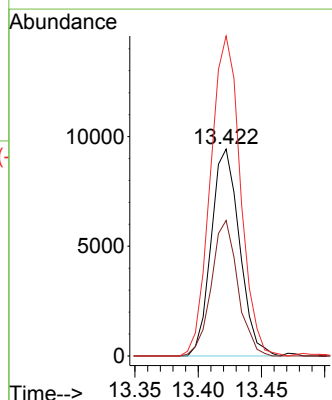
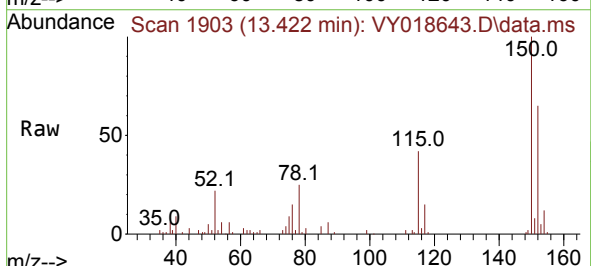
Tgt Ion:152 Resp: 14689

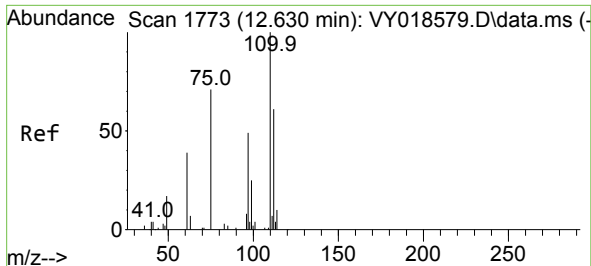
Ion Ratio Lower Upper

152 100

115 61.3 28.2 84.7

150 163.3 0.0 345.6

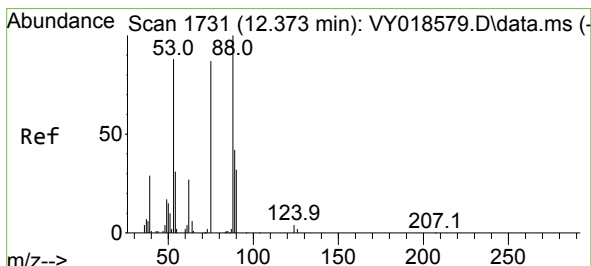
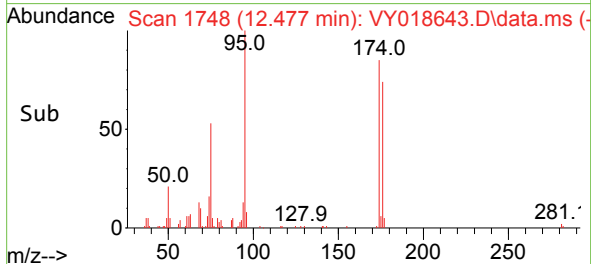
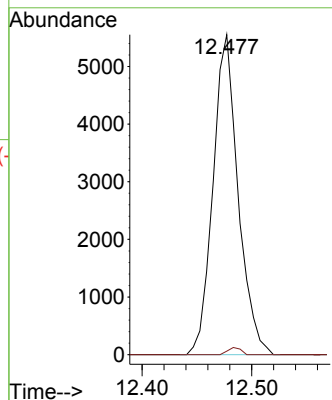
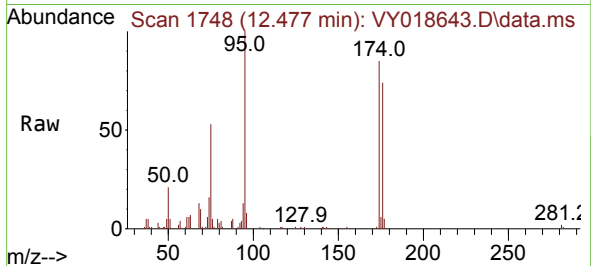




#76
1,2,3-Trichloropropane
Concen: 64.040 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.152 min
Lab File: VY018643.D
Acq: 19 Jun 2024 14:29

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 8824
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 167.744 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018643.D
Acq: 19 Jun 2024 14:29

Tgt Ion: 75 Resp: 8824
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

