

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061424\
 Data File : VY018598.D
 Acq On : 14 Jun 2024 16:34
 Operator : SY/MD
 Sample : P2864-03
 Misc : 5.29g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 14 23:24:50 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	89770	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	169974	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	157300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	58679	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	54711	60.535	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.060%
35) Dibromofluoromethane	7.710	113	53465	51.564	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.120%
50) Toluene-d8	10.173	98	202638	50.819	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.640%
62) 4-Bromofluorobenzene	12.477	95	57828	45.927	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.860%

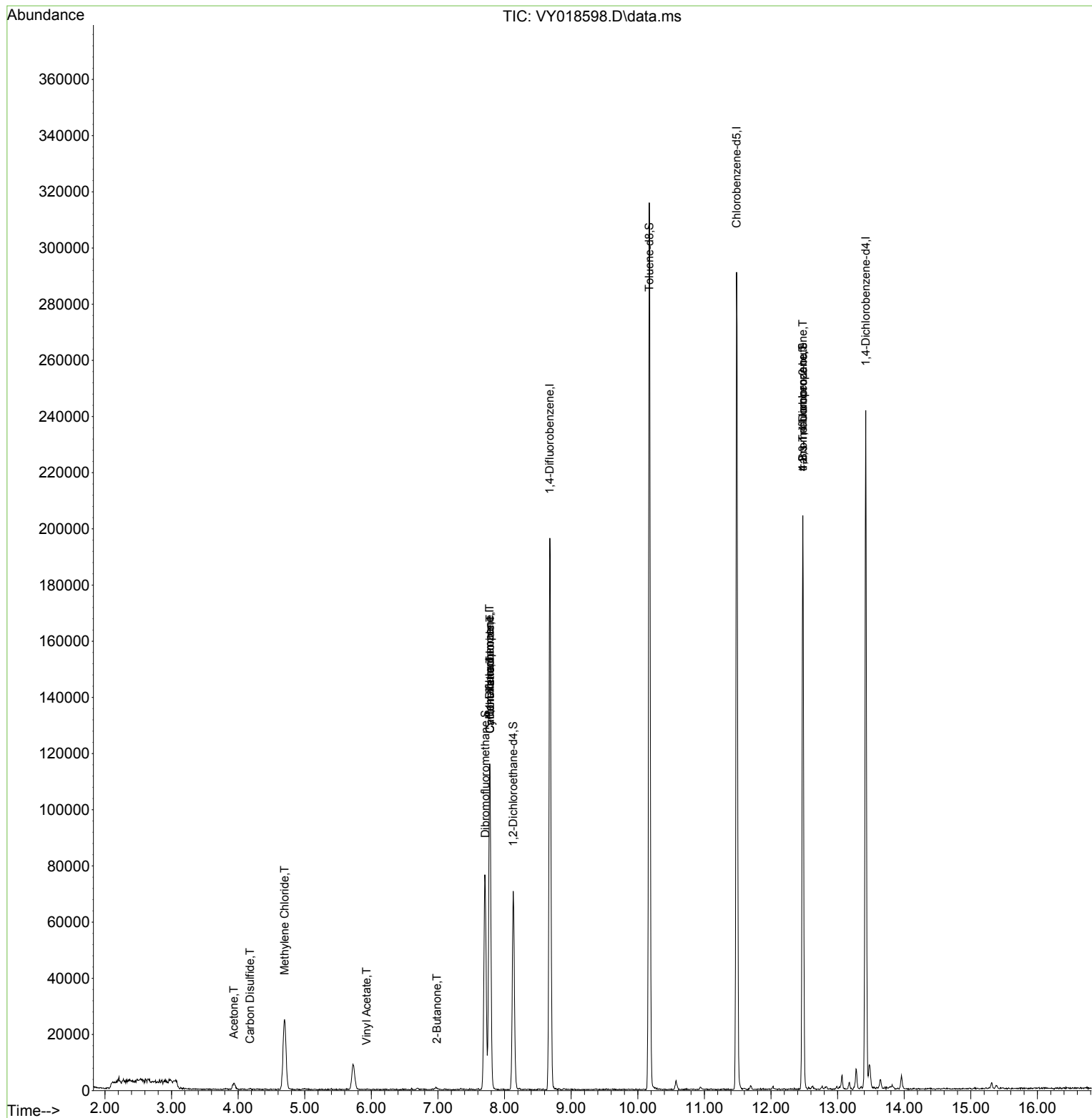
Target Compounds						Qvalue
16) Acetone	3.936	43	4089	22.237	ug/l #	82
17) Carbon Disulfide	4.180	76	125	2.265	ug/l #	76
20) Methylene Chloride	4.698	84	19846	10.421	ug/l	98
23) Vinyl Acetate	5.930	43	59	23.717	ug/l #	67
25) 2-Butanone	6.984	43	516	1.872	ug/l #	79
31) Cyclohexane	7.783	56	1905	1.376	ug/l #	56
36) 1,1-Dichloropropene	7.777	75	7823	5.481	ug/l #	48
38) Carbon Tetrachloride	7.783	117	8744	5.840	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	32413	58.886	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	32413	154.245	ug/l #	16

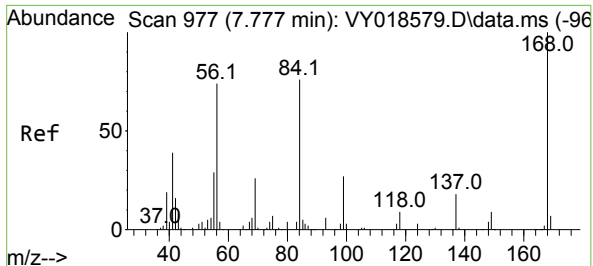
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061424\
Data File : VY018598.D
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Quant Time: Jun 14 23:24:50 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

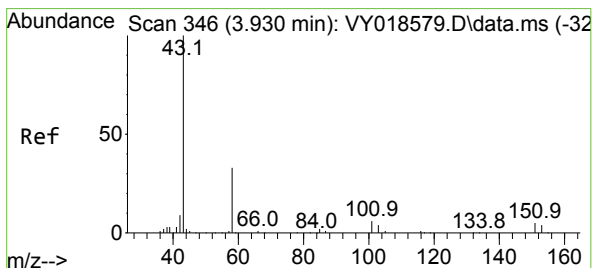
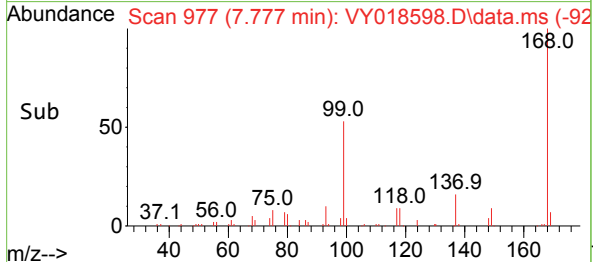
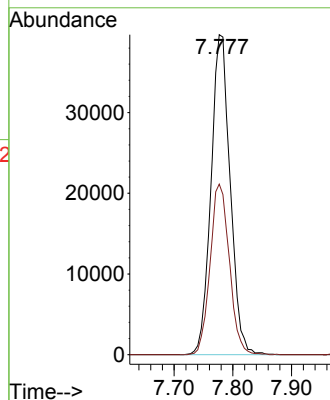
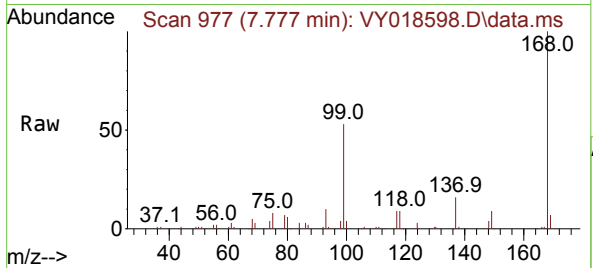




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018598.D
Acq: 14 Jun 2024 16:34

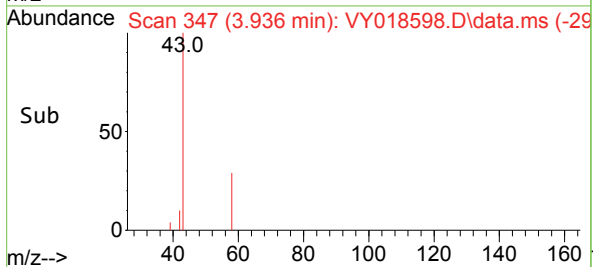
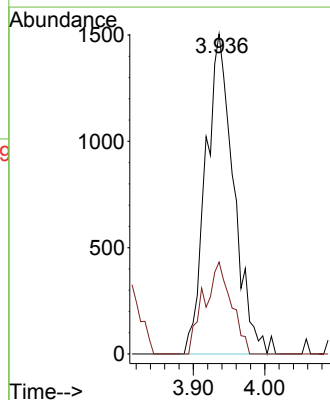
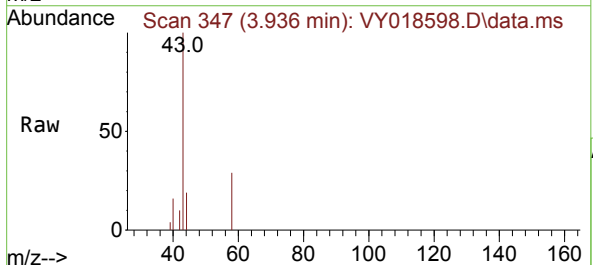
Instrument :
MSVOA_Y
ClientSampleId :

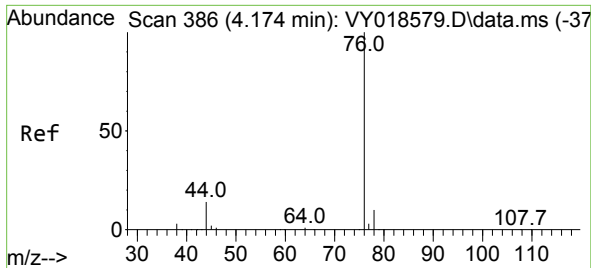
Tgt Ion:168 Resp: 89770
Ion Ratio Lower Upper
168 100
99 53.3 39.1 58.7



#16
Acetone
Concen: 22.237 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY018598.D
Acq: 14 Jun 2024 16:34

Tgt Ion: 43 Resp: 4089
Ion Ratio Lower Upper
43 100
58 28.7 31.7 47.5#

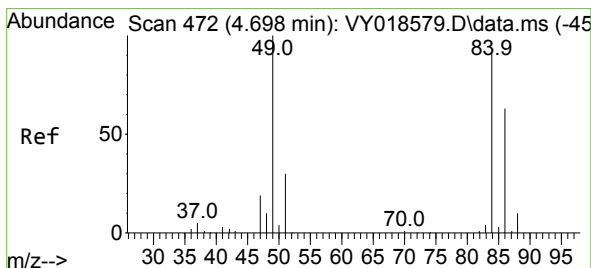
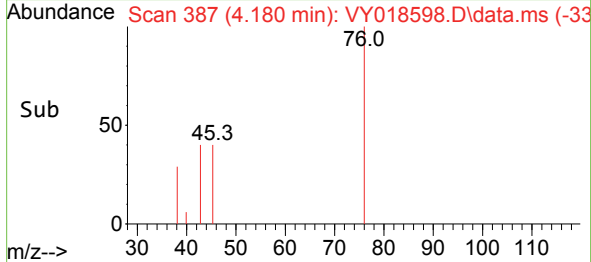
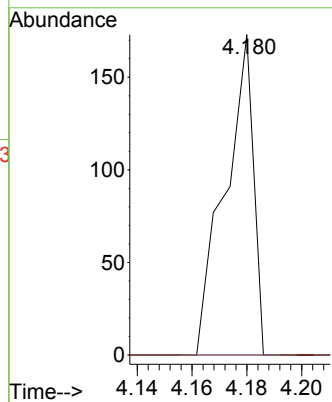
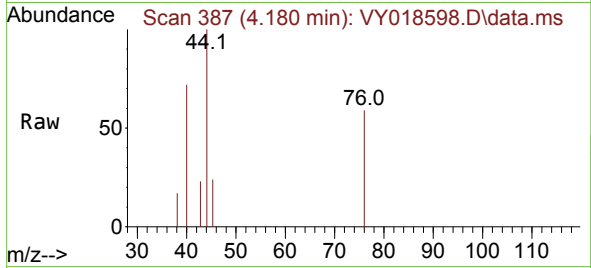




#17
Carbon Disulfide
Concen: 2.265 ug/l
RT: 4.180 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY018598.D
Acq: 14 Jun 2024 16:34

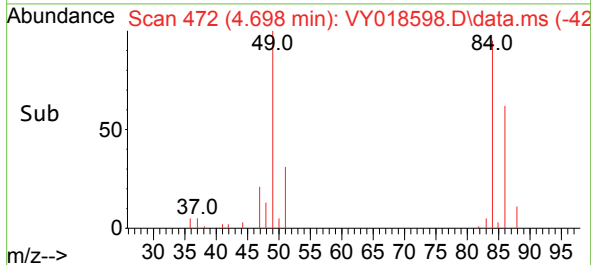
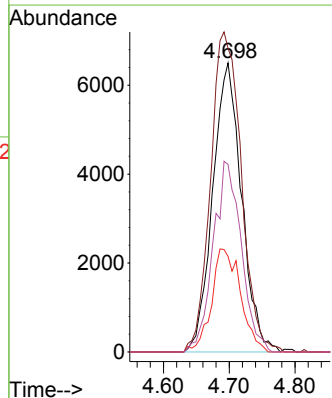
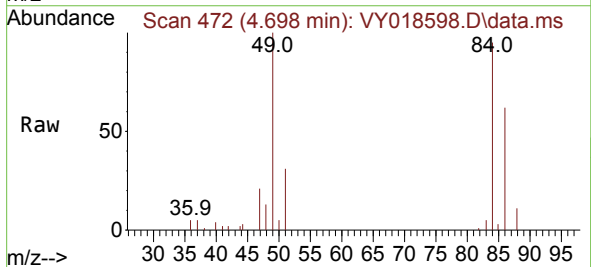
Instrument :
MSVOA_Y
ClientSampleId :

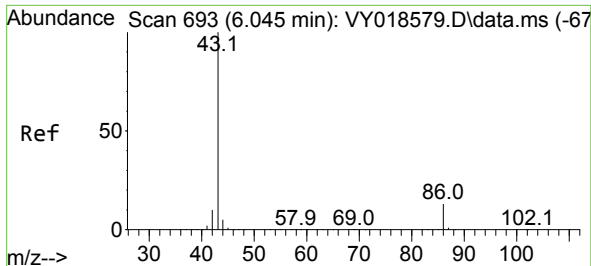
Tgt Ion: 76 Resp: 125
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#



#20
Methylene Chloride
Concen: 10.421 ug/l
RT: 4.698 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY018598.D
Acq: 14 Jun 2024 16:34

Tgt Ion: 84 Resp: 19846
Ion Ratio Lower Upper
84 100
49 105.0 84.4 126.6
51 33.1 26.0 39.0
86 64.9 49.5 74.3

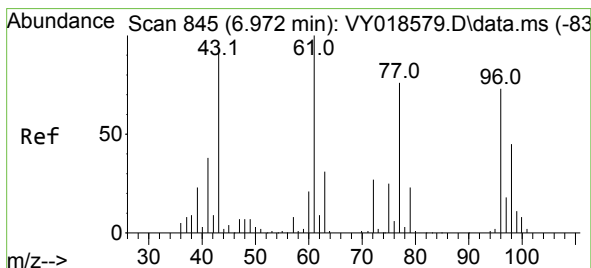
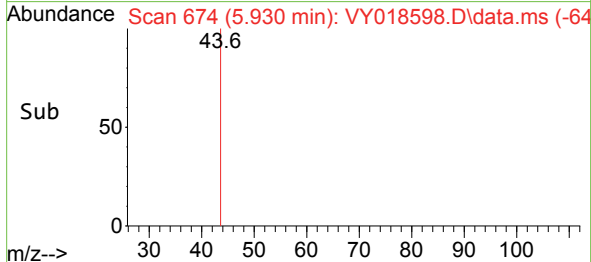
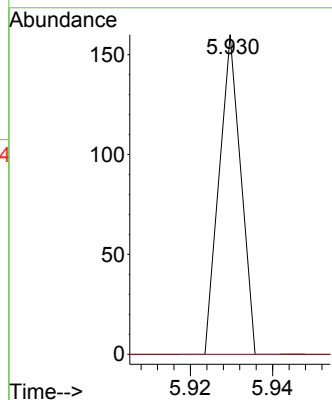
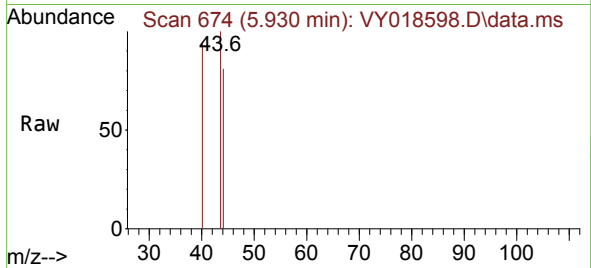




#23
 Vinyl Acetate
 Concen: 23.717 ug/l
 RT: 5.930 min Scan# 61
 Delta R.T. -0.115 min
 Lab File: VY018598.D
 Acq: 14 Jun 2024 16:34

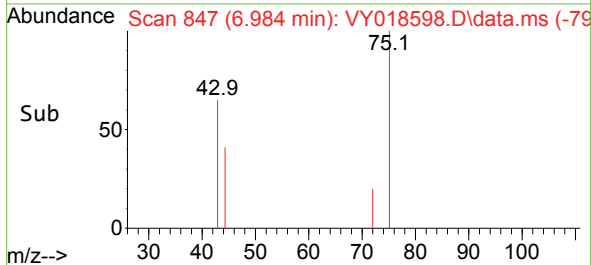
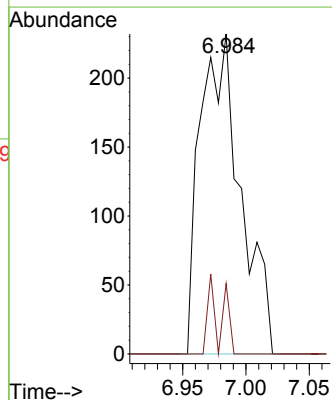
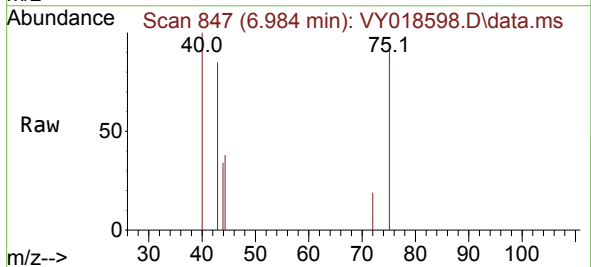
Instrument :
 MSVOA_Y
 ClientSampleId :

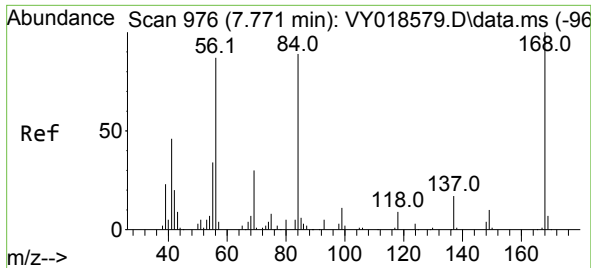
Tgt Ion: 43 Resp: 59
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.6 16.0#



#25
 2-Butanone
 Concen: 1.872 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.012 min
 Lab File: VY018598.D
 Acq: 14 Jun 2024 16:34

Tgt Ion: 43 Resp: 516
 Ion Ratio Lower Upper
 43 100
 72 22.0 27.3 40.9#

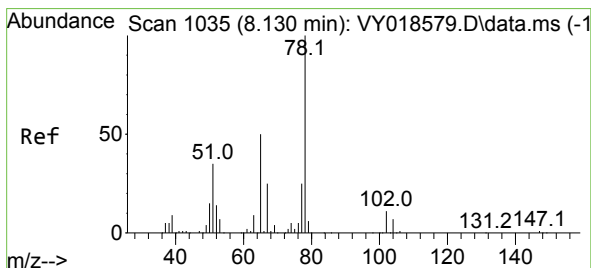
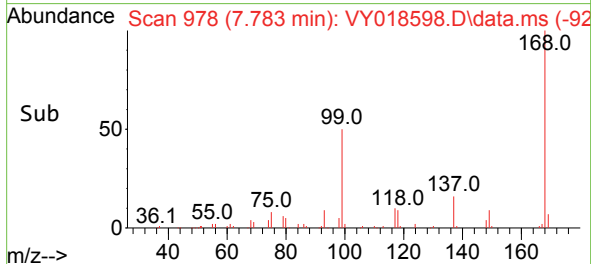
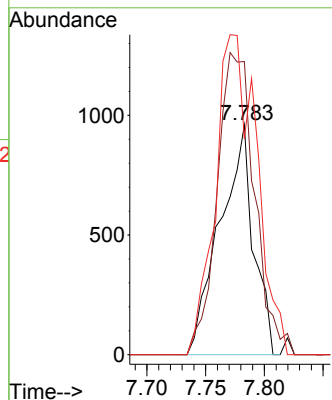
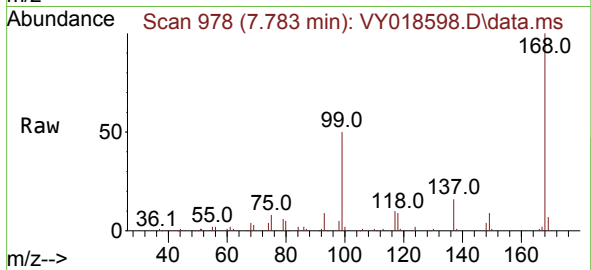




#31
Cyclohexane
Concen: 1.376 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY018598.D
Acq: 14 Jun 2024 16:34

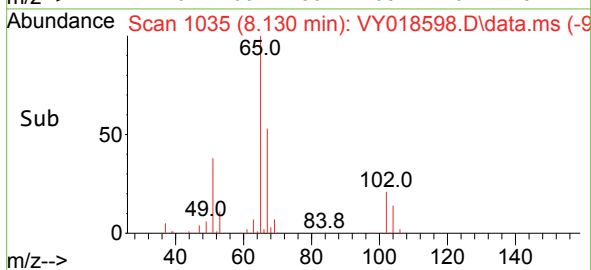
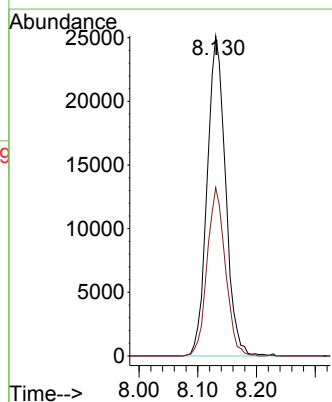
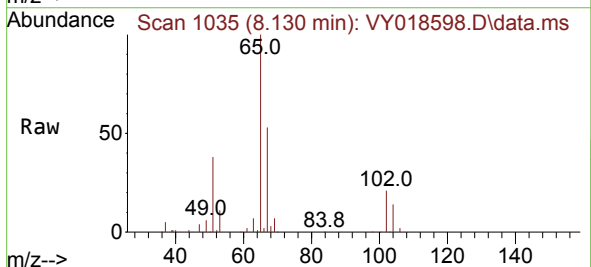
Instrument :
MSVOA_Y
ClientSampleId :

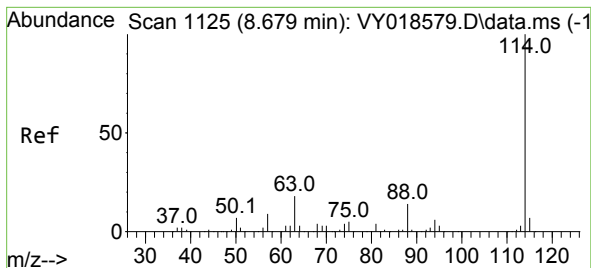
Tgt Ion: 56 Resp: 1905
Ion Ratio Lower Upper
56 100
69 127.6 28.7 43.1#
84 94.0 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 60.535 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018598.D
Acq: 14 Jun 2024 16:34

Tgt Ion: 65 Resp: 54711
Ion Ratio Lower Upper
65 100
67 52.2 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: VY018598.D

Acq: 14 Jun 2024 16:34

Instrument :

MSVOA_Y

ClientSampleId :

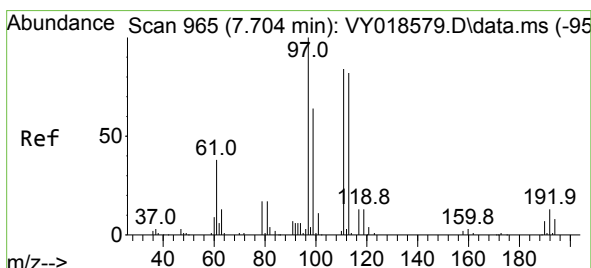
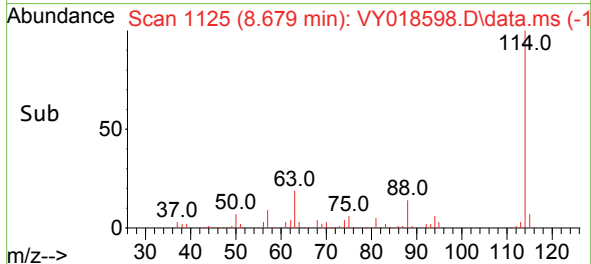
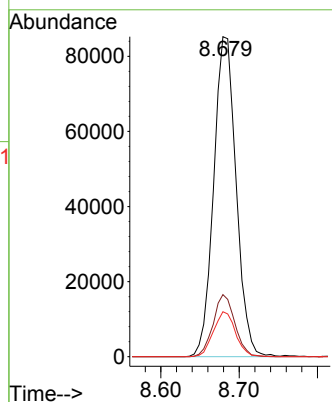
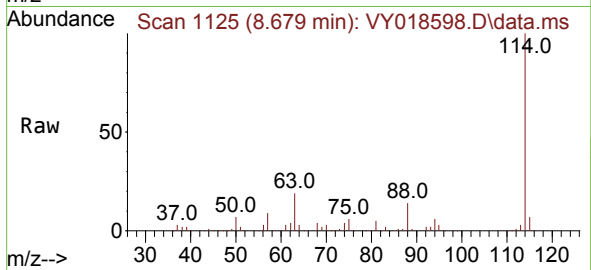
Tgt Ion:114 Resp: 169974

Ion Ratio Lower Upper

114 100

63 19.4 0.0 35.0

88 14.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.564 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018598.D

Acq: 14 Jun 2024 16:34

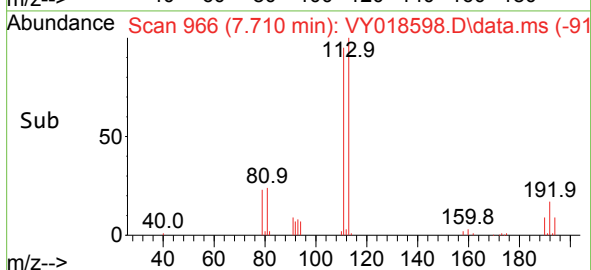
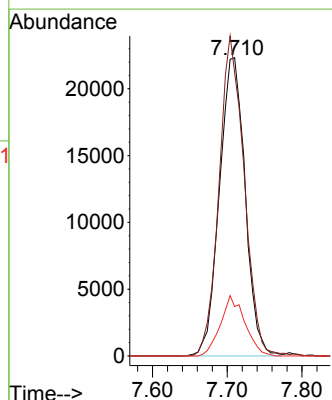
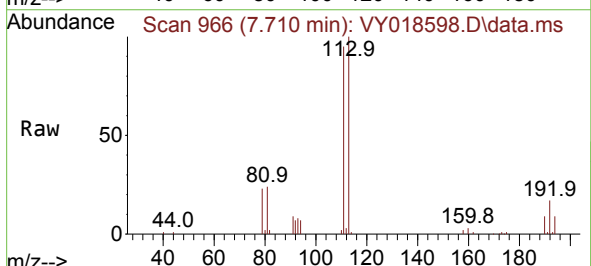
Tgt Ion:113 Resp: 53465

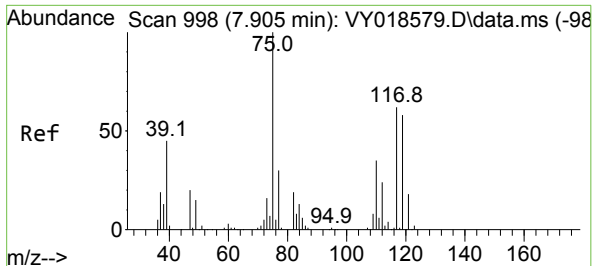
Ion Ratio Lower Upper

113 100

111 104.5 82.2 123.4

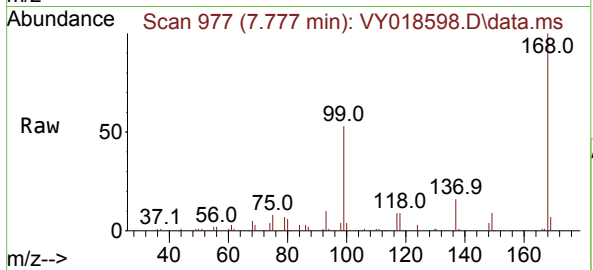
192 19.2 15.9 23.9



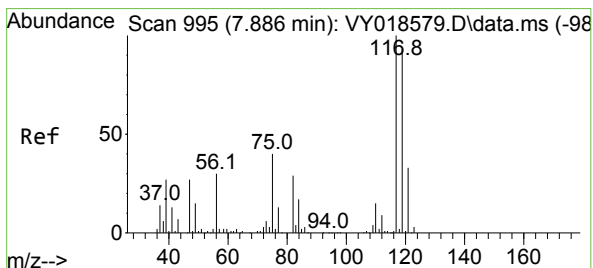
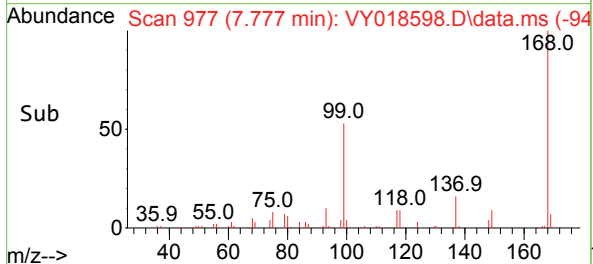
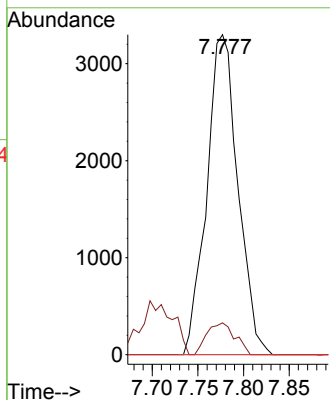


#36
1,1-Dichloropropene
Concen: 5.481 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY018598.D
Acq: 14 Jun 2024 16:34

Instrument :
MSVOA_Y
ClientSampleId :

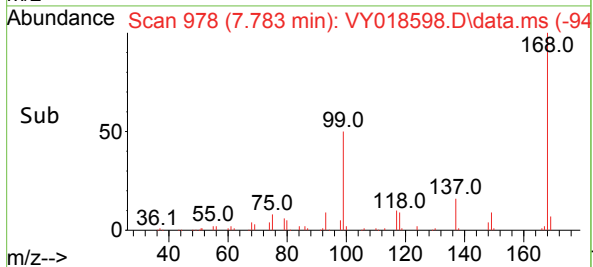
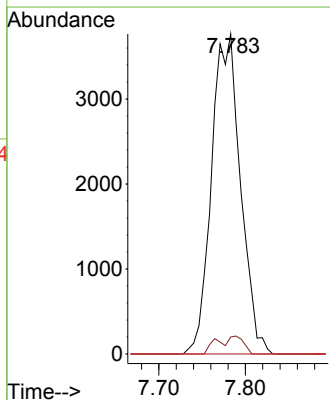
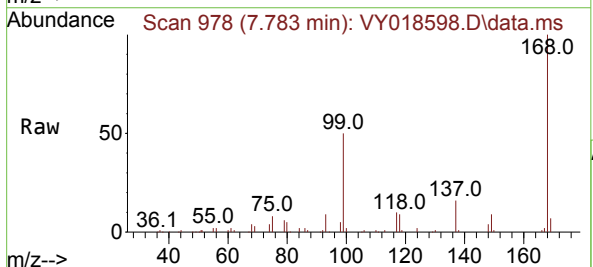


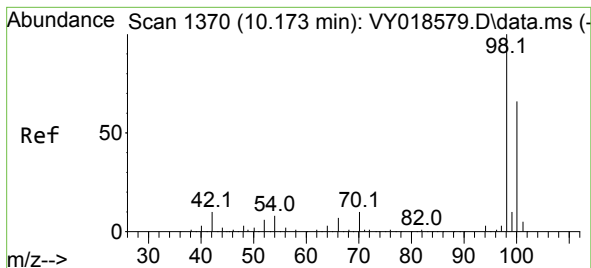
Tgt Ion: 75 Resp: 7823
Ion Ratio Lower Upper
75 100
110 9.0 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.840 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.104 min
Lab File: VY018598.D
Acq: 14 Jun 2024 16:34

Tgt Ion: 117 Resp: 8744
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.6#
121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 50.819 ug/l

RT: 10.173 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018598.D

Acq: 14 Jun 2024 16:34

Instrument :

MSVOA_Y

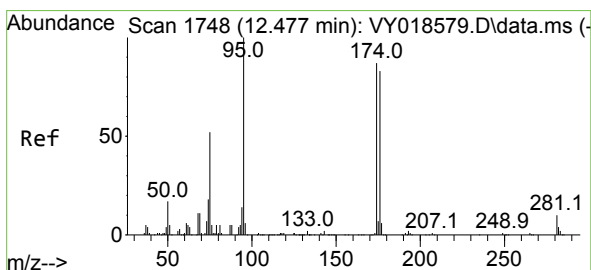
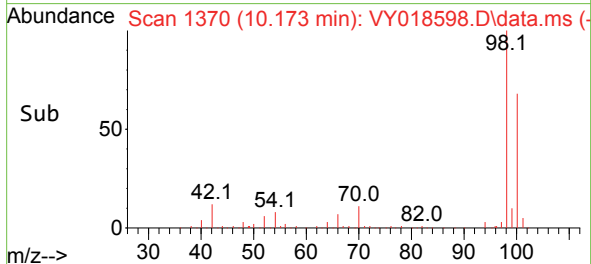
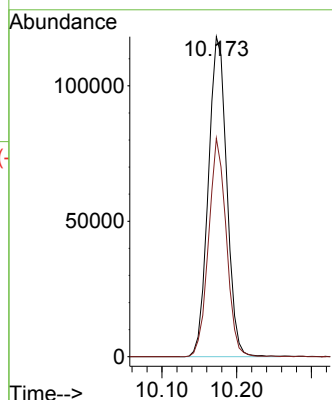
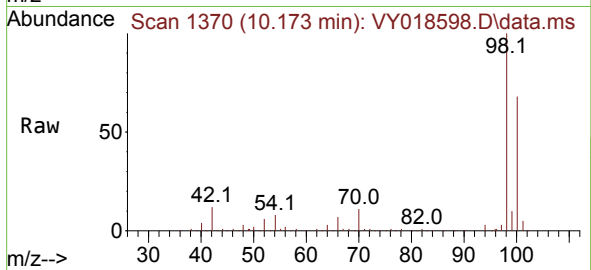
ClientSampleId :

Tgt Ion: 98 Resp: 202638

Ion Ratio Lower Upper

98 100

100 65.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 45.927 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018598.D

Acq: 14 Jun 2024 16:34

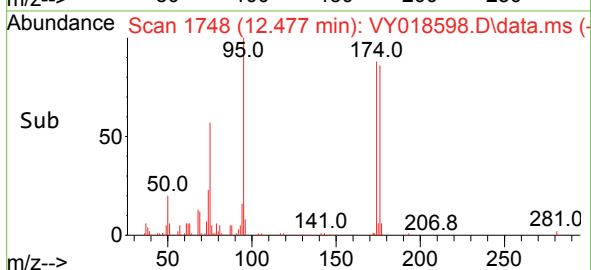
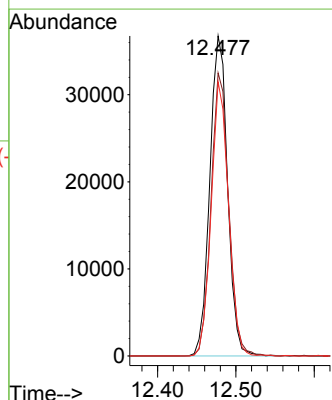
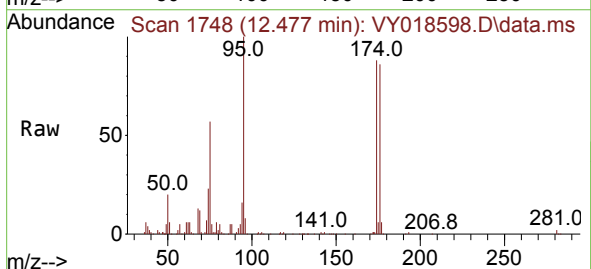
Tgt Ion: 95 Resp: 57828

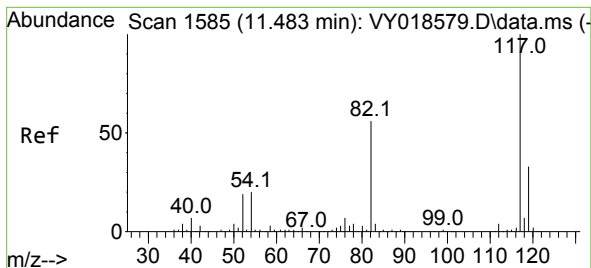
Ion Ratio Lower Upper

95 100

174 88.1 0.0 175.6

176 83.9 0.0 171.4

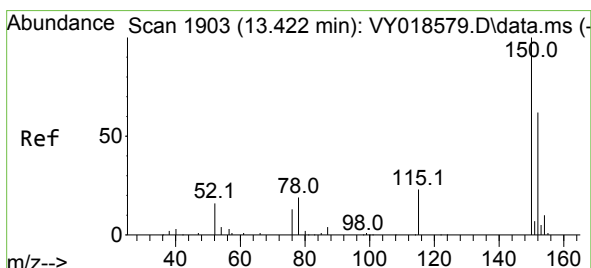
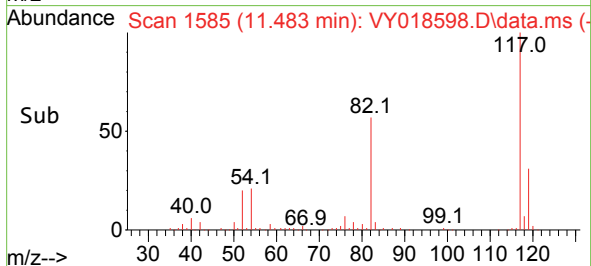
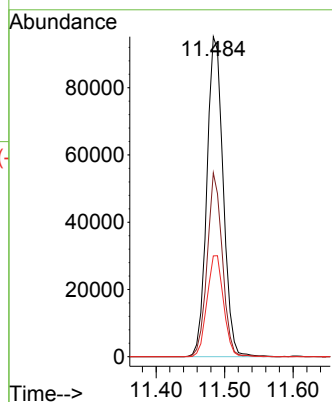
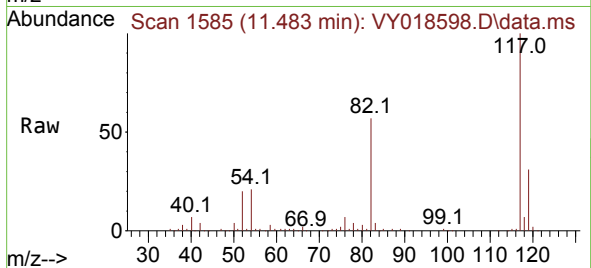




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY018598.D
Acq: 14 Jun 2024 16:34

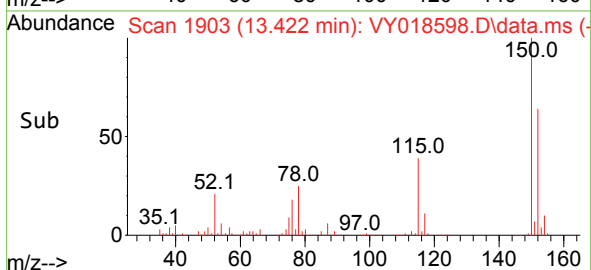
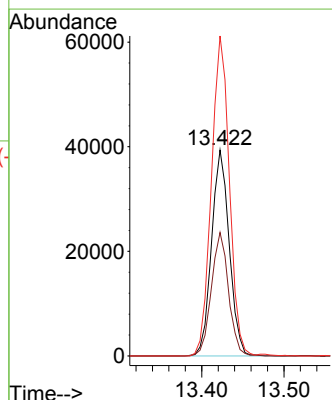
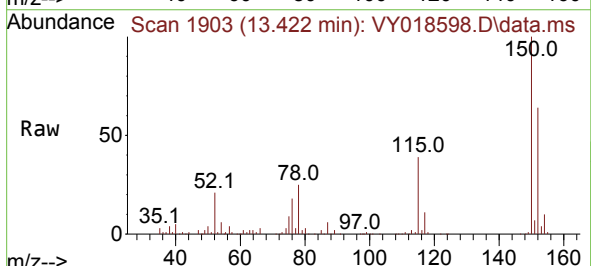
Instrument :
MSVOA_Y
ClientSampleId :

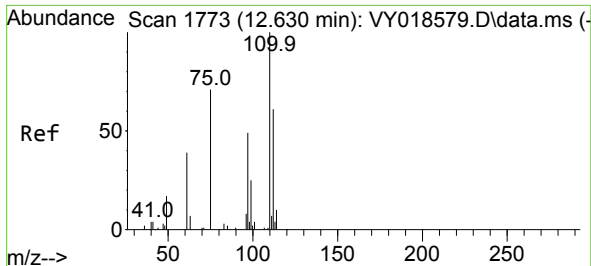
Tgt Ion:117 Resp: 157300
Ion Ratio Lower Upper
117 100
82 57.4 42.4 63.6
119 31.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY018598.D
Acq: 14 Jun 2024 16:34

Tgt Ion:152 Resp: 58679
Ion Ratio Lower Upper
152 100
115 58.3 28.2 84.7
150 158.3 0.0 345.6

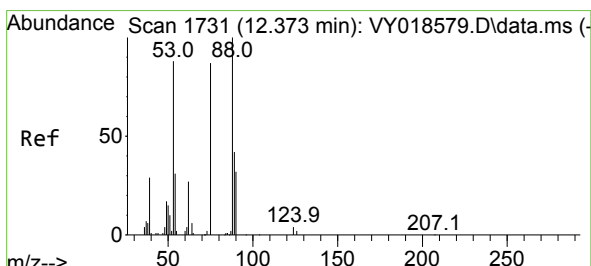
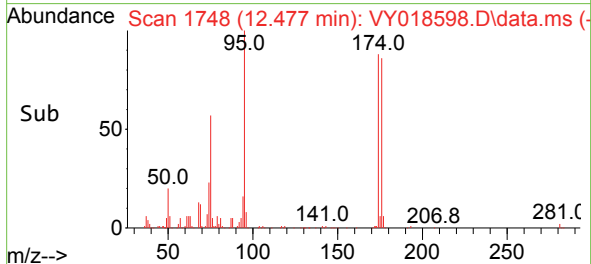
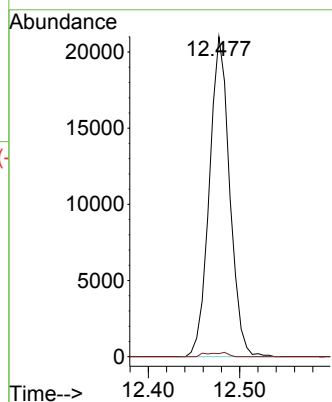
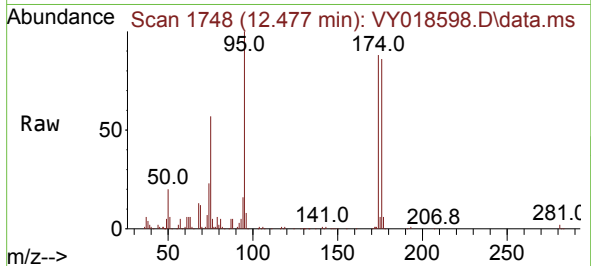




#76
1,2,3-Trichloropropane
Concen: 58.886 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY018598.D
Acq: 14 Jun 2024 16:34

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 32413
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 154.245 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018598.D
Acq: 14 Jun 2024 16:34

Tgt Ion: 75 Resp: 32413
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

