

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061424\
 Data File : VY018602.D
 Acq On : 14 Jun 2024 18:13
 Operator : SY/MD
 Sample : P2878-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 14 23:25:34 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)

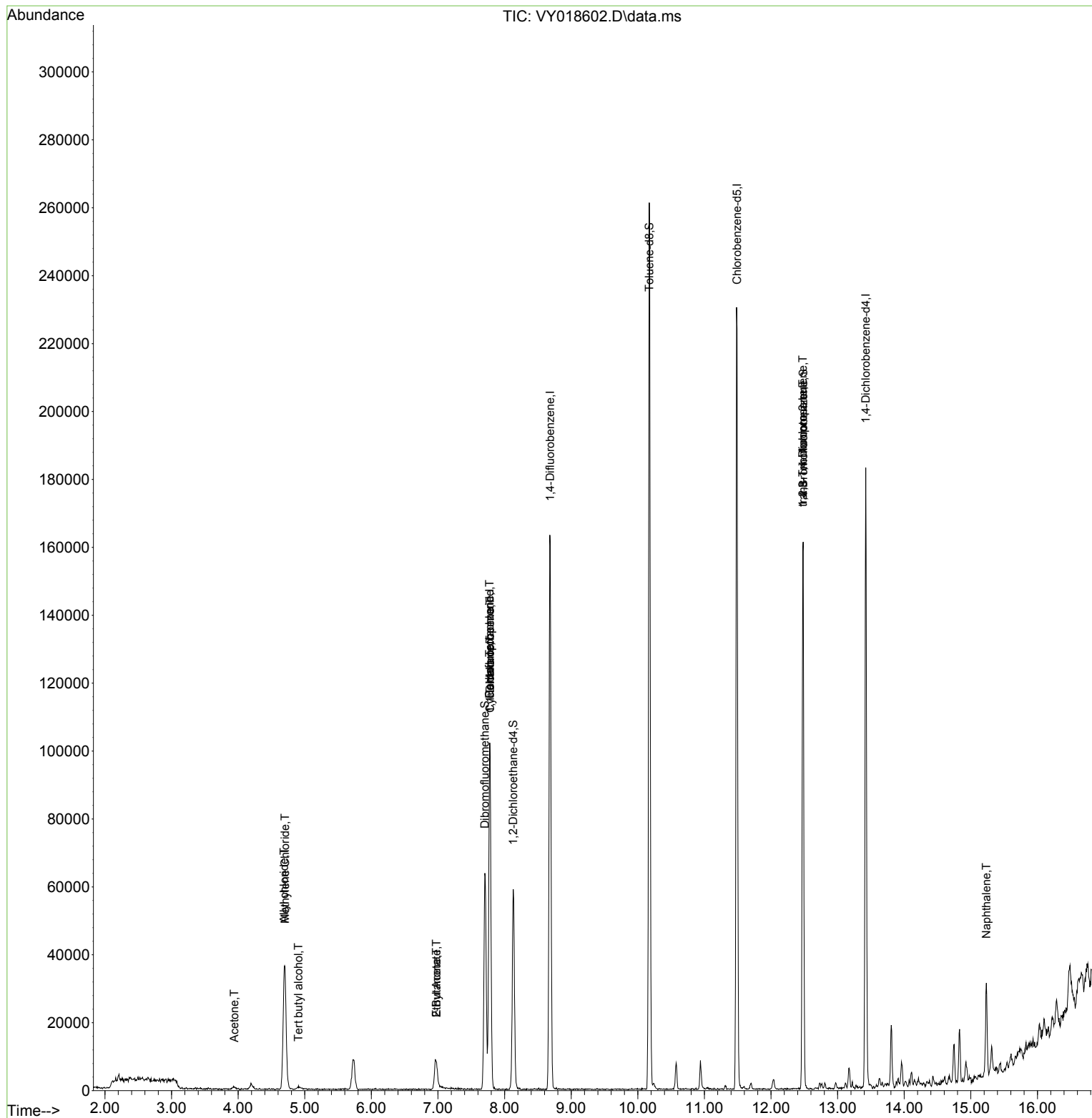
Internal Standards						
1) Pentafluorobenzene	7.776	168	77516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	144498	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	124862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	45964	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	44343	56.819	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.640%			
35) Dibromofluoromethane	7.703	113	44959	51.005	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.000%			
50) Toluene-d8	10.172	98	167022	49.272	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.540%			
62) 4-Bromofluorobenzene	12.483	95	46069	43.039	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 86.080%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.905	59	420	2.992	ug/l #	88
14) Allyl chloride	4.692	41	1152	1.161	ug/l #	21
16) Acetone	3.942	43	1539	9.693	ug/l #	87
20) Methylene Chloride	4.704	84	28512	24.583	ug/l	90
25) 2-Butanone	6.978	43	671	2.819	ug/l #	41
31) Cyclohexane	7.782	56	1810	1.514	ug/l #	26
36) 1,1-Dichloropropene	7.782	75	6640	5.473	ug/l #	47
37) Ethyl Acetate	6.978	43	671	1.173	ug/l #	24
38) Carbon Tetrachloride	7.776	117	7881	6.191	ug/l #	14
76) 1,2,3-Trichloropropane	12.477	75	25484	59.105	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	25484	154.819	ug/l #	16
95) Naphthalene	15.232	128	21884	15.716	ug/l	99

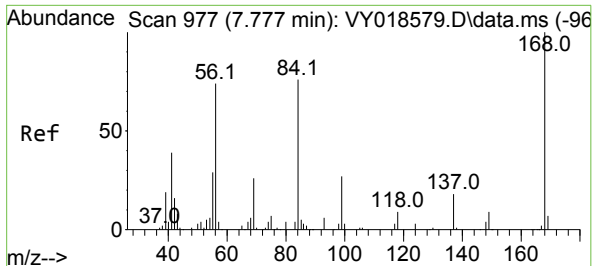
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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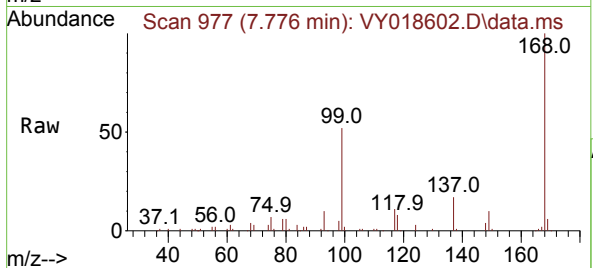
Quant Time: Jun 14 23:25:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 14 07:08:24 2024
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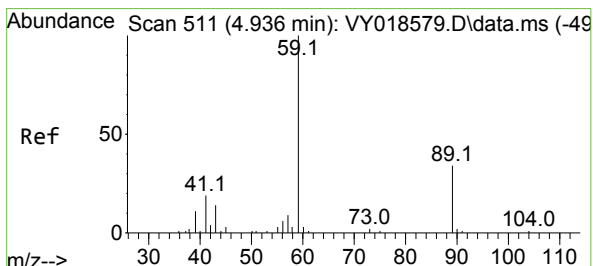
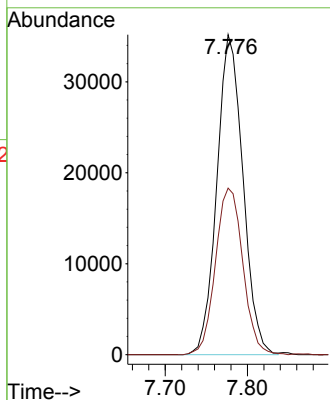
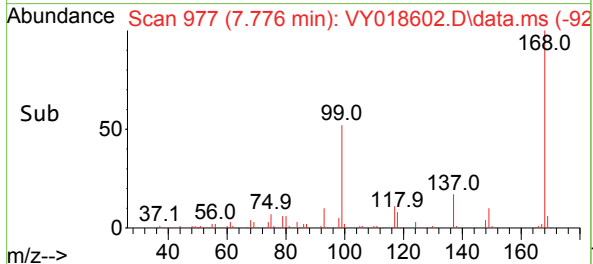


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.776 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY018602.D
Acq: 14 Jun 2024 18:13

Instrument :
MSVOA_Y
ClientSampleId :

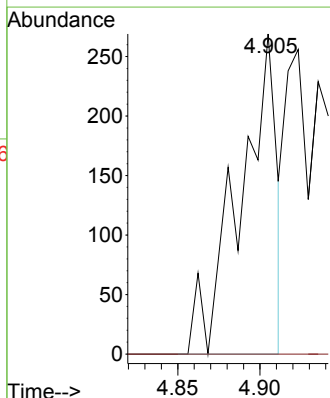
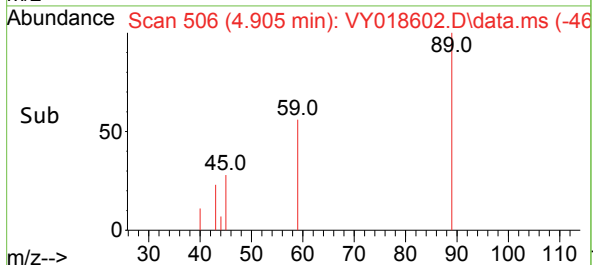
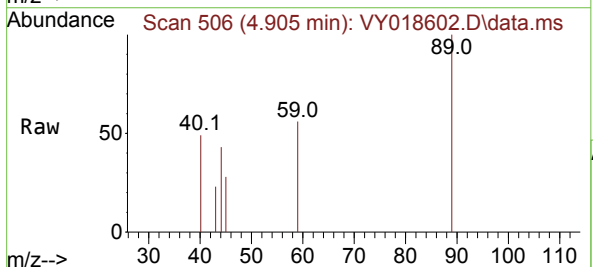


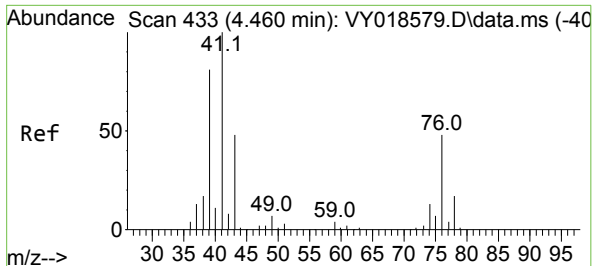
Tgt Ion:168 Resp: 77516
Ion Ratio Lower Upper
168 100
99 52.0 39.1 58.7



#11
Tert butyl alcohol
Concen: 2.992 ug/l
RT: 4.905 min Scan# 506
Delta R.T. -0.031 min
Lab File: VY018602.D
Acq: 14 Jun 2024 18:13

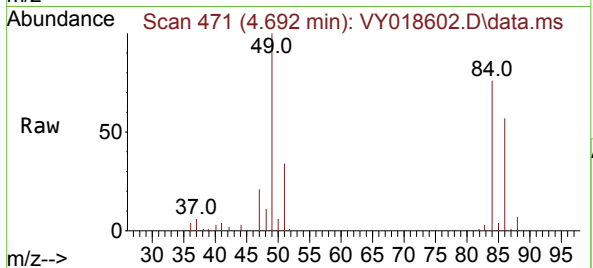
Tgt Ion: 59 Resp: 420
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



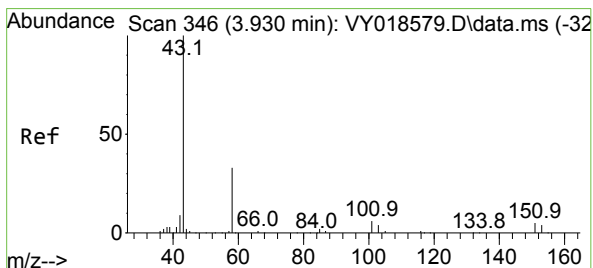
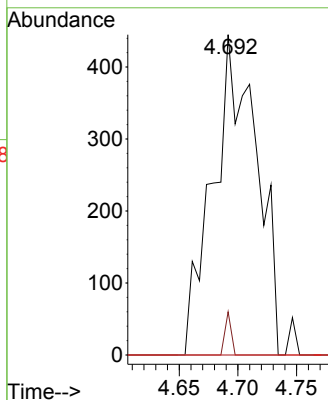
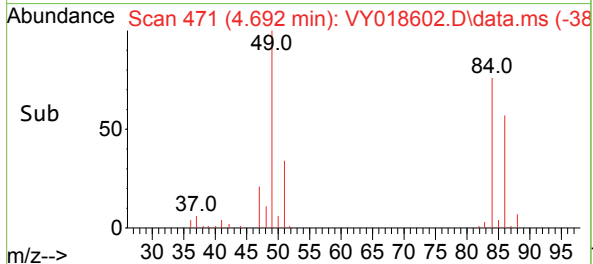


#14
 Allyl chloride
 Concen: 1.161 ug/l
 RT: 4.692 min Scan# 41
 Delta R.T. 0.231 min
 Lab File: VY018602.D
 Acq: 14 Jun 2024 18:13

Instrument :
 MSVOA_Y
 ClientSampleId :

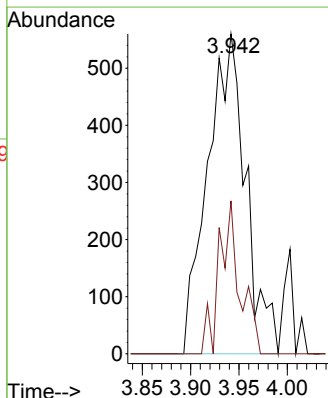
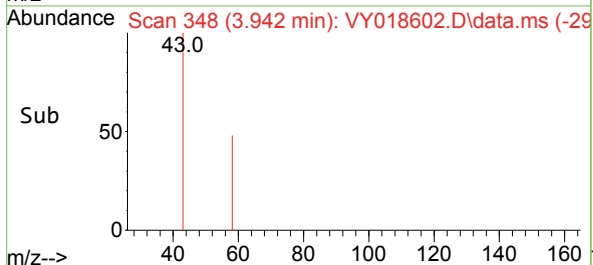
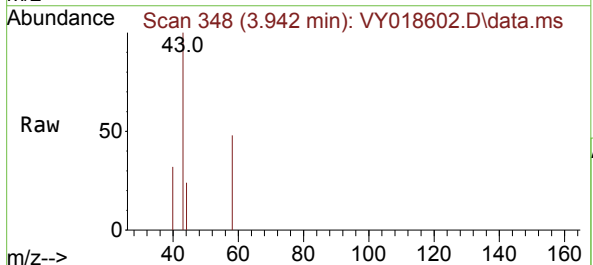


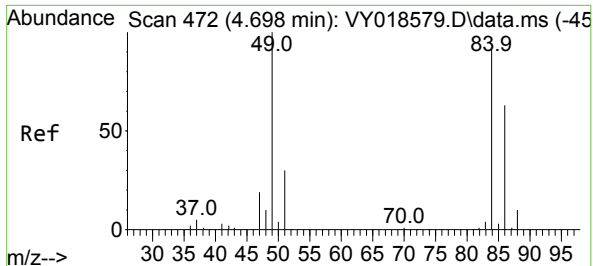
Tgt Ion: 41 Resp: 1152
 Ion Ratio Lower Upper
 41 100
 39 1.9 58.3 87.5#
 76 0.0 39.0 58.6#



#16
 Acetone
 Concen: 9.693 ug/l
 RT: 3.942 min Scan# 348
 Delta R.T. 0.012 min
 Lab File: VY018602.D
 Acq: 14 Jun 2024 18:13

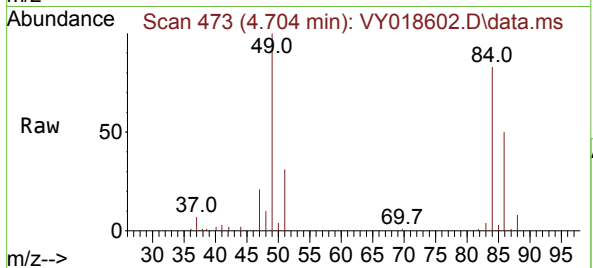
Tgt Ion: 43 Resp: 1539
 Ion Ratio Lower Upper
 43 100
 58 47.9 31.7 47.5#





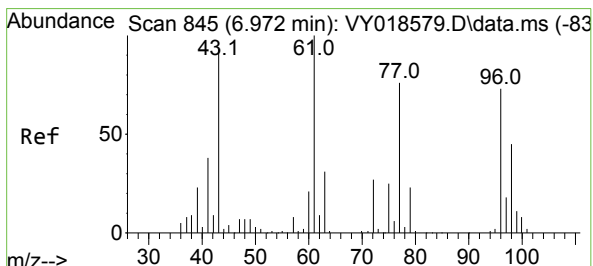
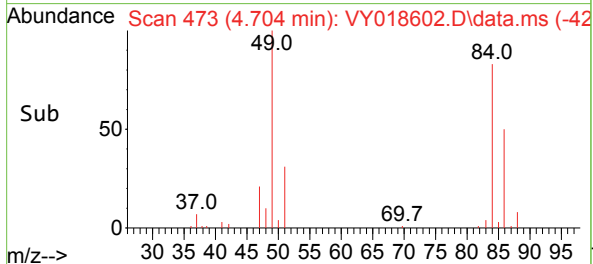
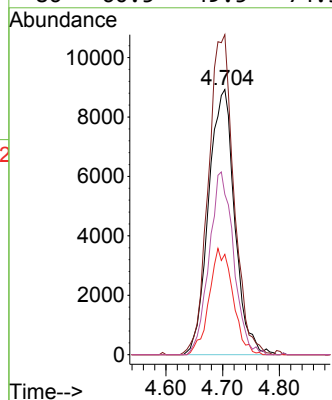
#20
Methylene Chloride
Concen: 24.583 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY018602.D
Acq: 14 Jun 2024 18:13

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 28512

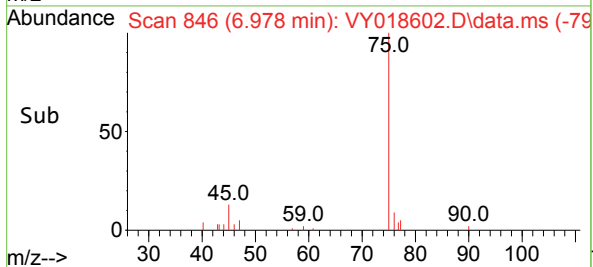
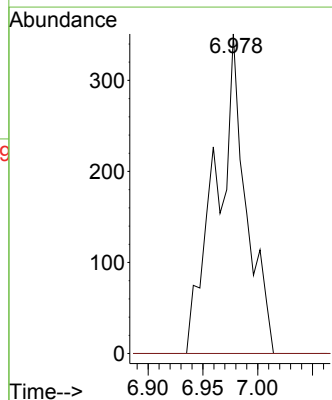
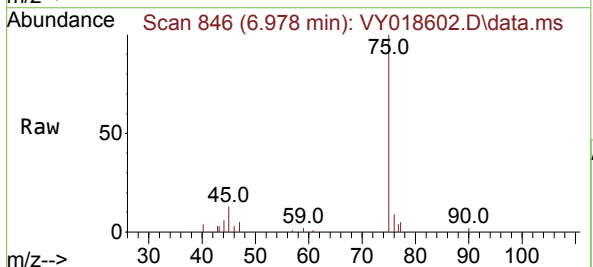
Ion	Ratio	Lower	Upper
84	100		
49	120.7	84.4	126.6
51	37.8	26.0	39.0
86	60.5	49.5	74.3

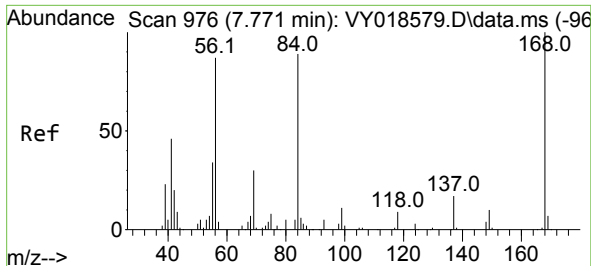


#25
2-Butanone
Concen: 2.819 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY018602.D
Acq: 14 Jun 2024 18:13

Tgt Ion: 43 Resp: 671

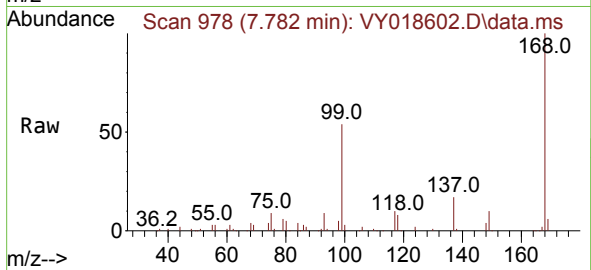
Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.3	40.9#



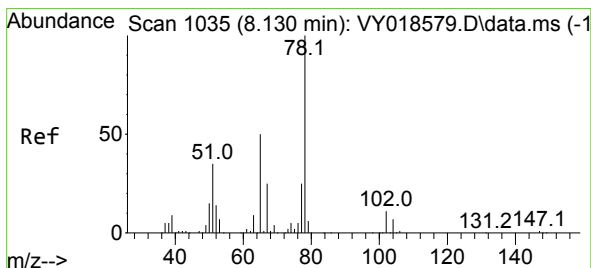
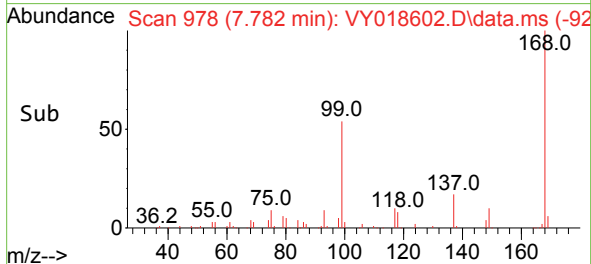
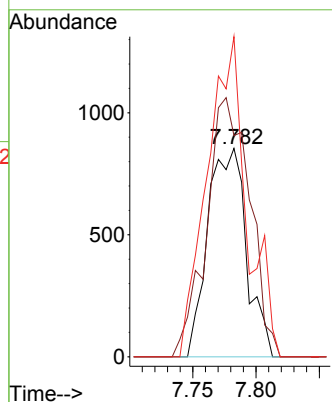


#31
Cyclohexane
Concen: 1.514 ug/l
RT: 7.782 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY018602.D
Acq: 14 Jun 2024 18:13

Instrument :
MSVOA_Y
ClientSampleId :

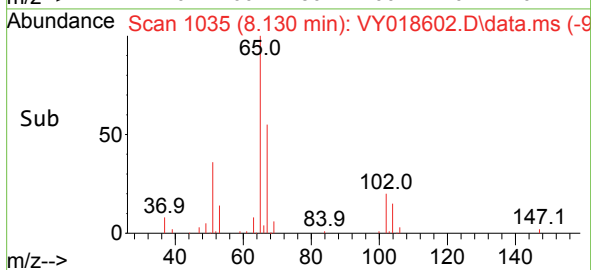
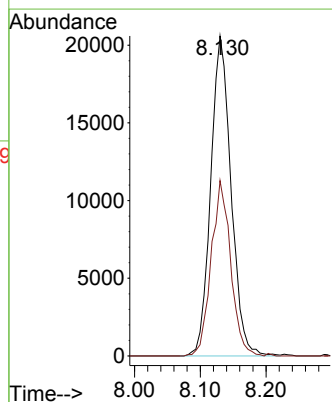
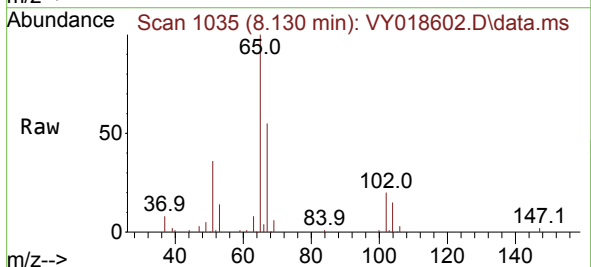


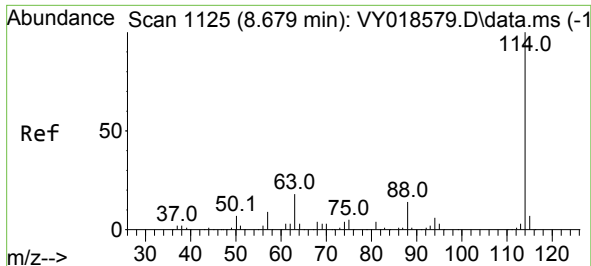
Tgt Ion: 56 Resp: 1810
Ion Ratio Lower Upper
56 100
69 106.2 28.7 43.1#
84 153.6 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 56.819 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VY018602.D
Acq: 14 Jun 2024 18:13

Tgt Ion: 65 Resp: 44343
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# 1125

Delta R.T. 0.006 min

Lab File: VY018602.D

Acq: 14 Jun 2024 18:13

Instrument :

MSVOA_Y

ClientSampleId :

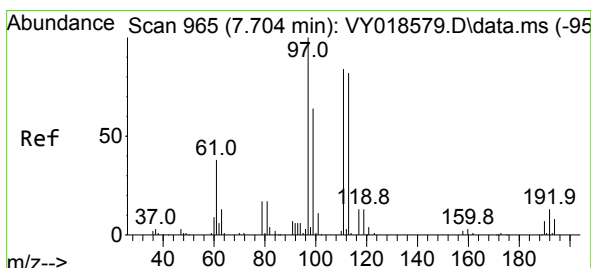
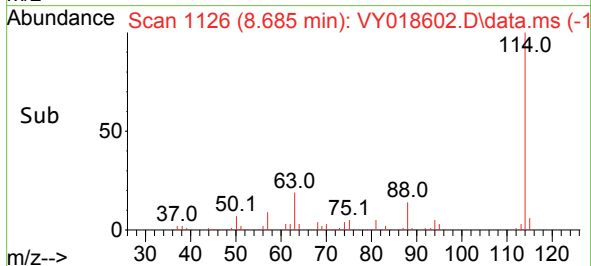
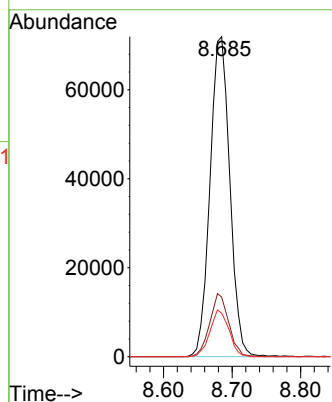
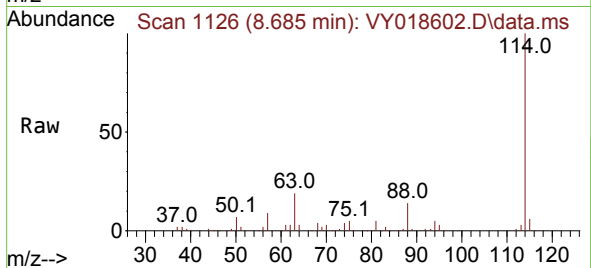
Tgt Ion:114 Resp: 144498

Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.0

88 13.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.005 ug/l

RT: 7.703 min Scan# 965

Delta R.T. -0.000 min

Lab File: VY018602.D

Acq: 14 Jun 2024 18:13

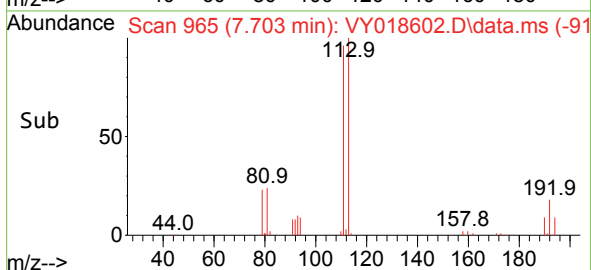
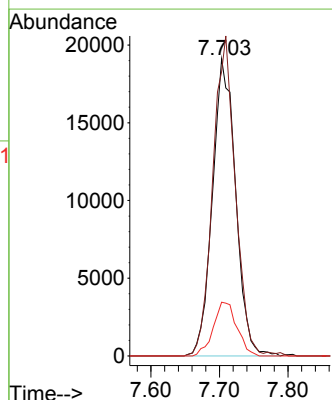
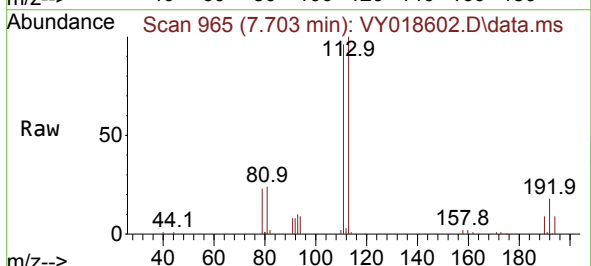
Tgt Ion:113 Resp: 44959

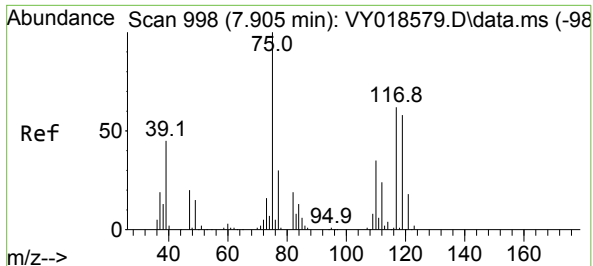
Ion Ratio Lower Upper

113 100

111 103.8 82.2 123.4

192 18.4 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.473 ug/l

RT: 7.782 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY018602.D

Acq: 14 Jun 2024 18:13

Instrument :

MSVOA_Y

ClientSampleId :

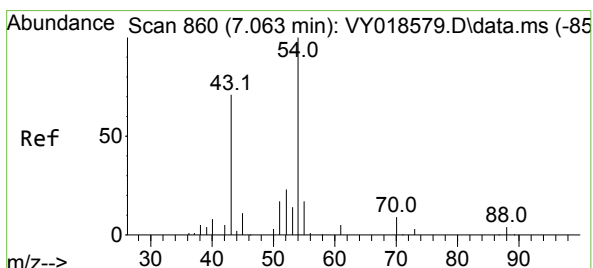
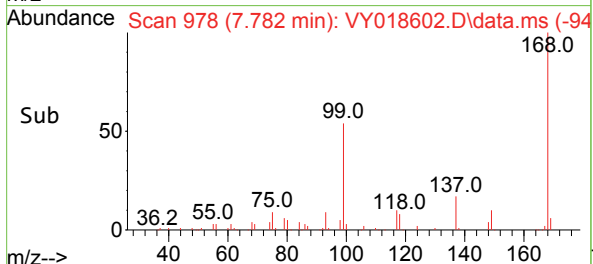
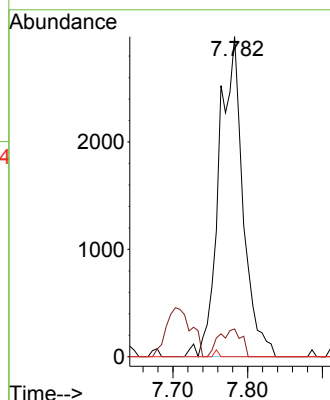
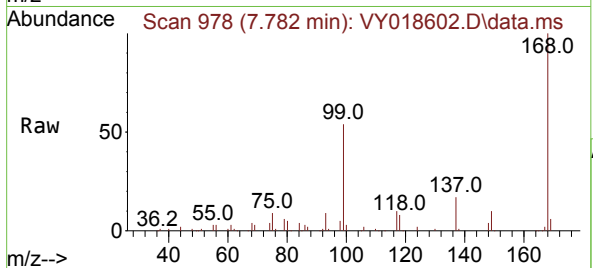
Tgt Ion: 75 Resp: 6640

Ion Ratio Lower Upper

75 100

110 8.2 19.0 57.0#

77 0.0 25.3 37.9#



#37

Ethyl Acetate

Concen: 1.173 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.086 min

Lab File: VY018602.D

Acq: 14 Jun 2024 18:13

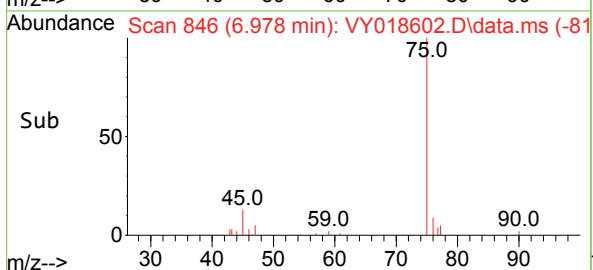
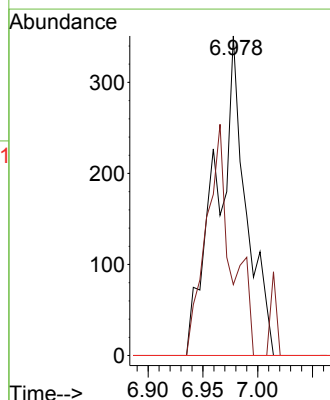
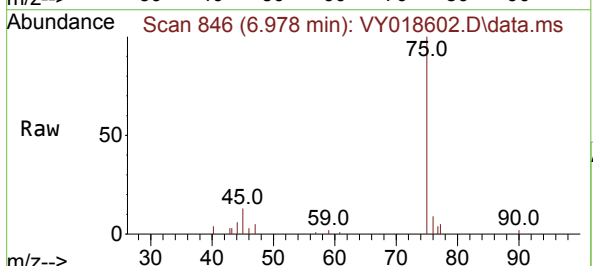
Tgt Ion: 43 Resp: 671

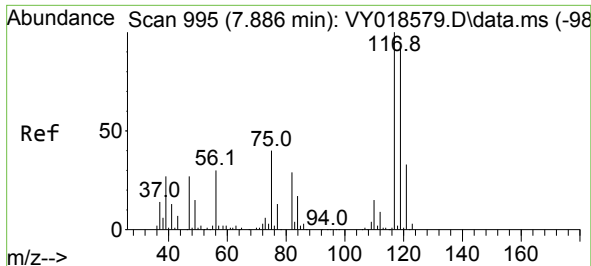
Ion Ratio Lower Upper

43 100

61 60.8 12.6 19.0#

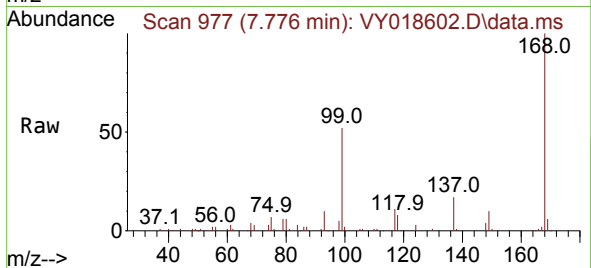
70 0.0 7.8 11.8#



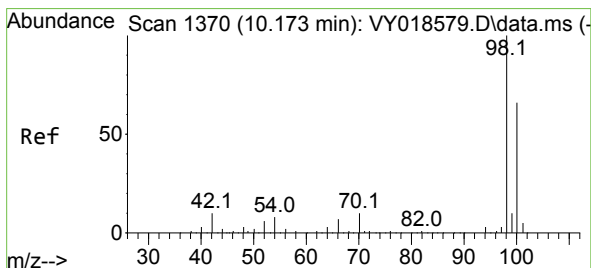
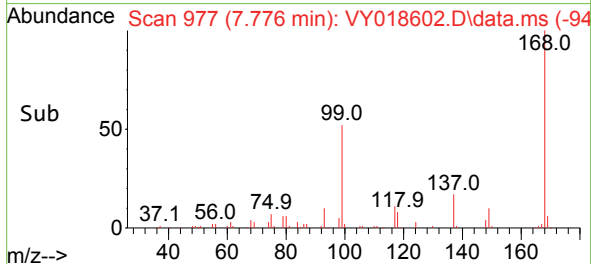
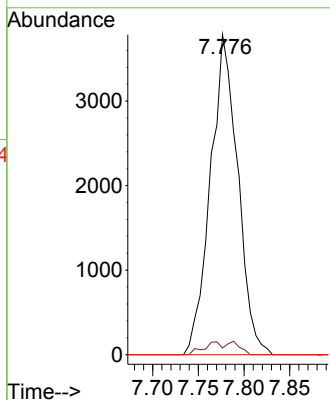


#38
Carbon Tetrachloride
Concen: 6.191 ug/l
RT: 7.776 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY018602.D
Acq: 14 Jun 2024 18:13

Instrument :
MSVOA_Y
ClientSampleId :

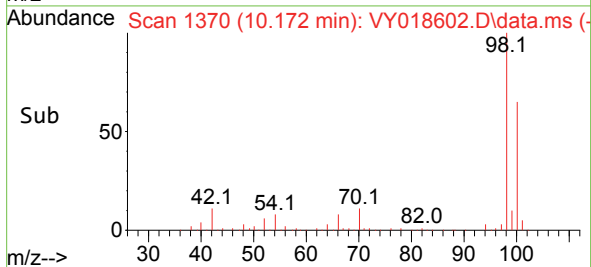
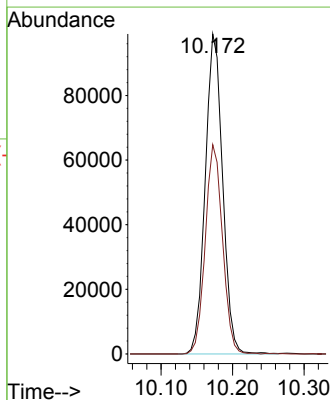
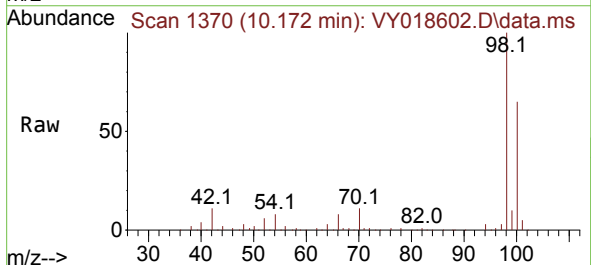


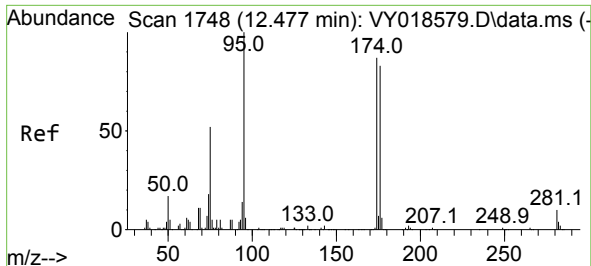
Tgt Ion:117 Resp: 7881
Ion Ratio Lower Upper
117 100
119 2.1 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 49.272 ug/l
RT: 10.172 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018602.D
Acq: 14 Jun 2024 18:13

Tgt Ion: 98 Resp: 167022
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0

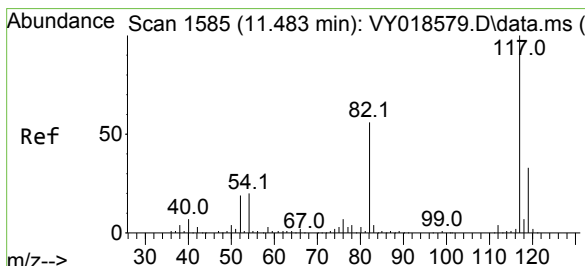
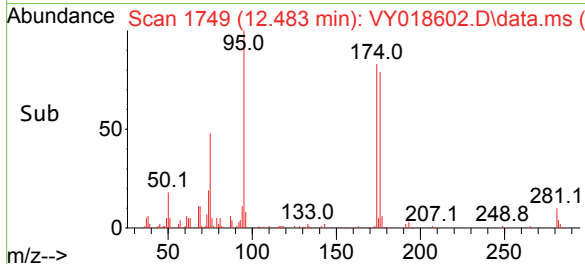
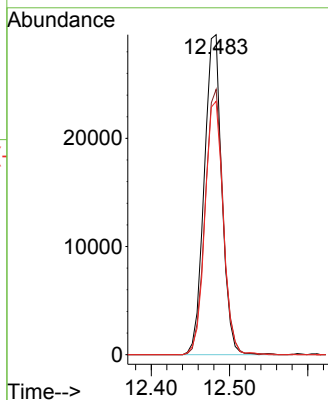
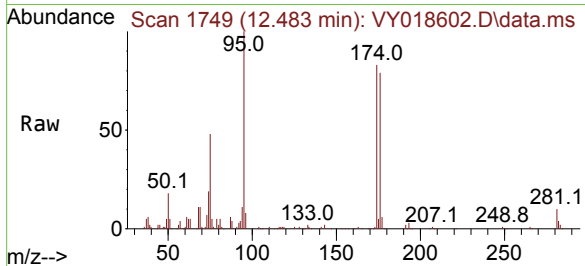




#62
4-Bromofluorobenzene
Concen: 43.039 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY018602.D
Acq: 14 Jun 2024 18:13

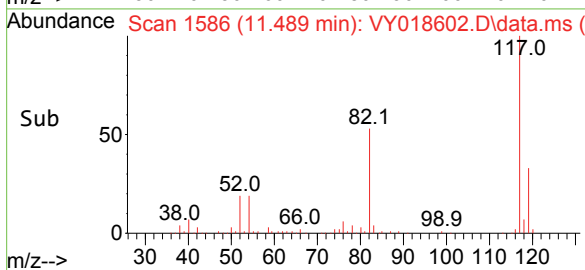
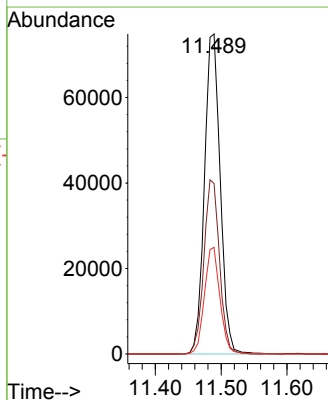
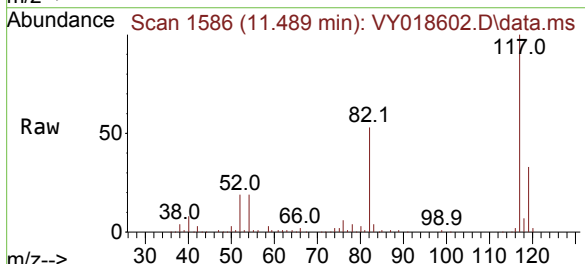
Instrument :
MSVOA_Y
ClientSampleId :

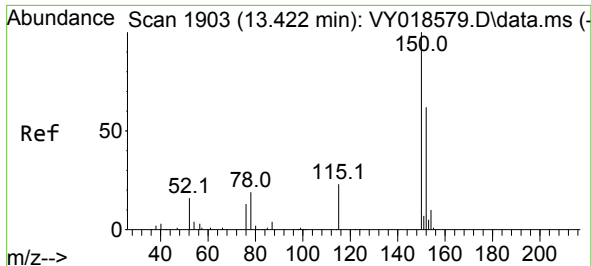
Tgt Ion: 95 Resp: 46069
Ion Ratio Lower Upper
95 100
174 84.9 0.0 175.6
176 82.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.006 min
Lab File: VY018602.D
Acq: 14 Jun 2024 18:13

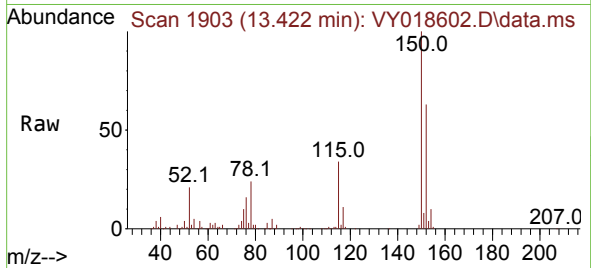
Tgt Ion: 117 Resp: 124862
Ion Ratio Lower Upper
117 100
82 53.3 42.4 63.6
119 33.3 25.9 38.9



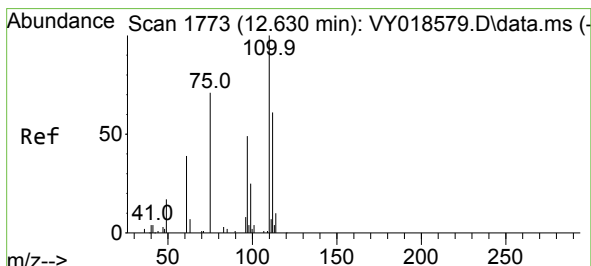
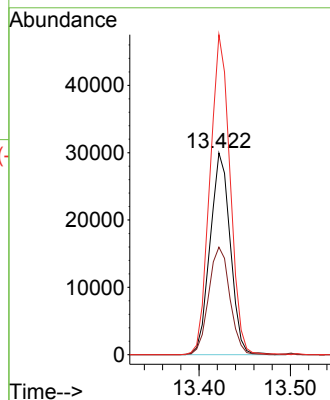
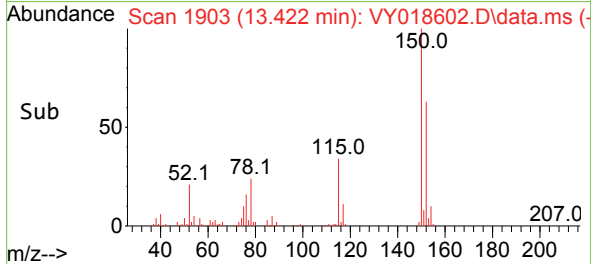


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY018602.D
 Acq: 14 Jun 2024 18:13

Instrument :
 MSVOA_Y
 ClientSampleId :

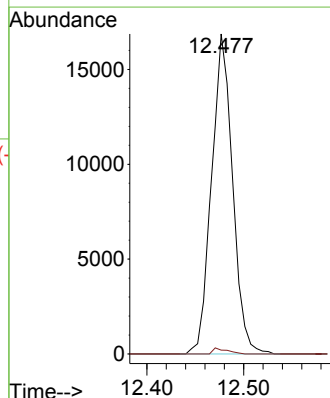
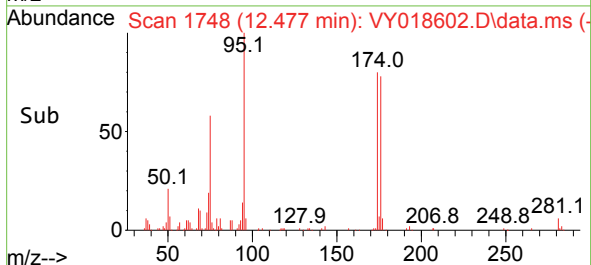
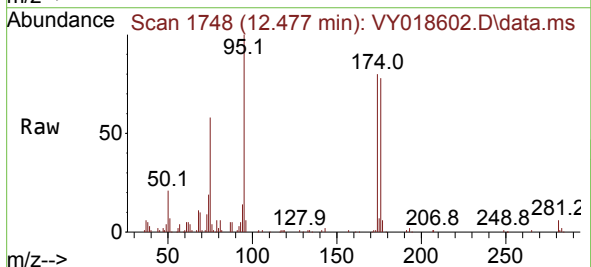


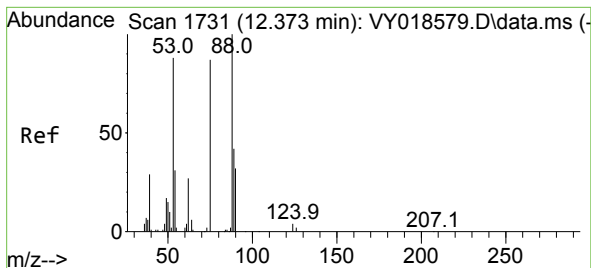
Tgt Ion:152 Resp: 45964
 Ion Ratio Lower Upper
 152 100
 115 55.8 28.2 84.7
 150 158.1 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 59.105 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY018602.D
 Acq: 14 Jun 2024 18:13

Tgt Ion: 75 Resp: 25484
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

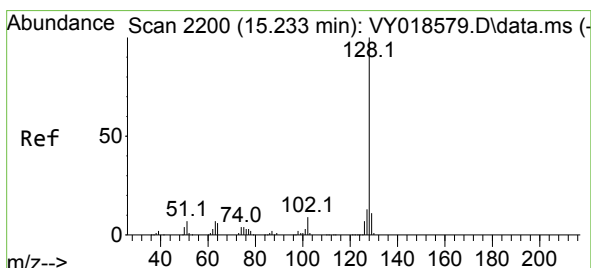
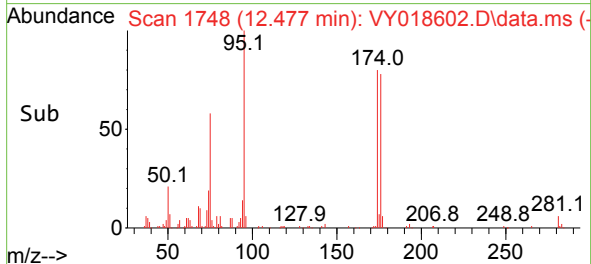
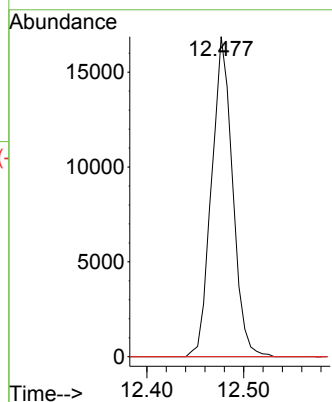
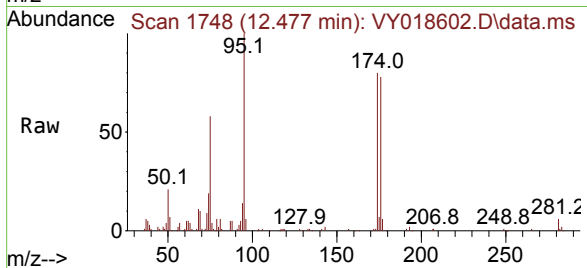




#81
trans-1,4-Dichloro-2-butene
Concen: 154.819 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY018602.D
Acq: 14 Jun 2024 18:13

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 25484
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 15.716 ug/l
RT: 15.232 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY018602.D
Acq: 14 Jun 2024 18:13

Tgt Ion: 128 Resp: 21884
Ion Ratio Lower Upper
128 100
127 13.6 10.6 16.0
129 11.0 8.6 13.0

