

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062524\
 Data File : VY018687.D
 Acq On : 25 Jun 2024 14:41
 Operator : SY/MD
 Sample : P3021-04
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 26 02:37:06 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)

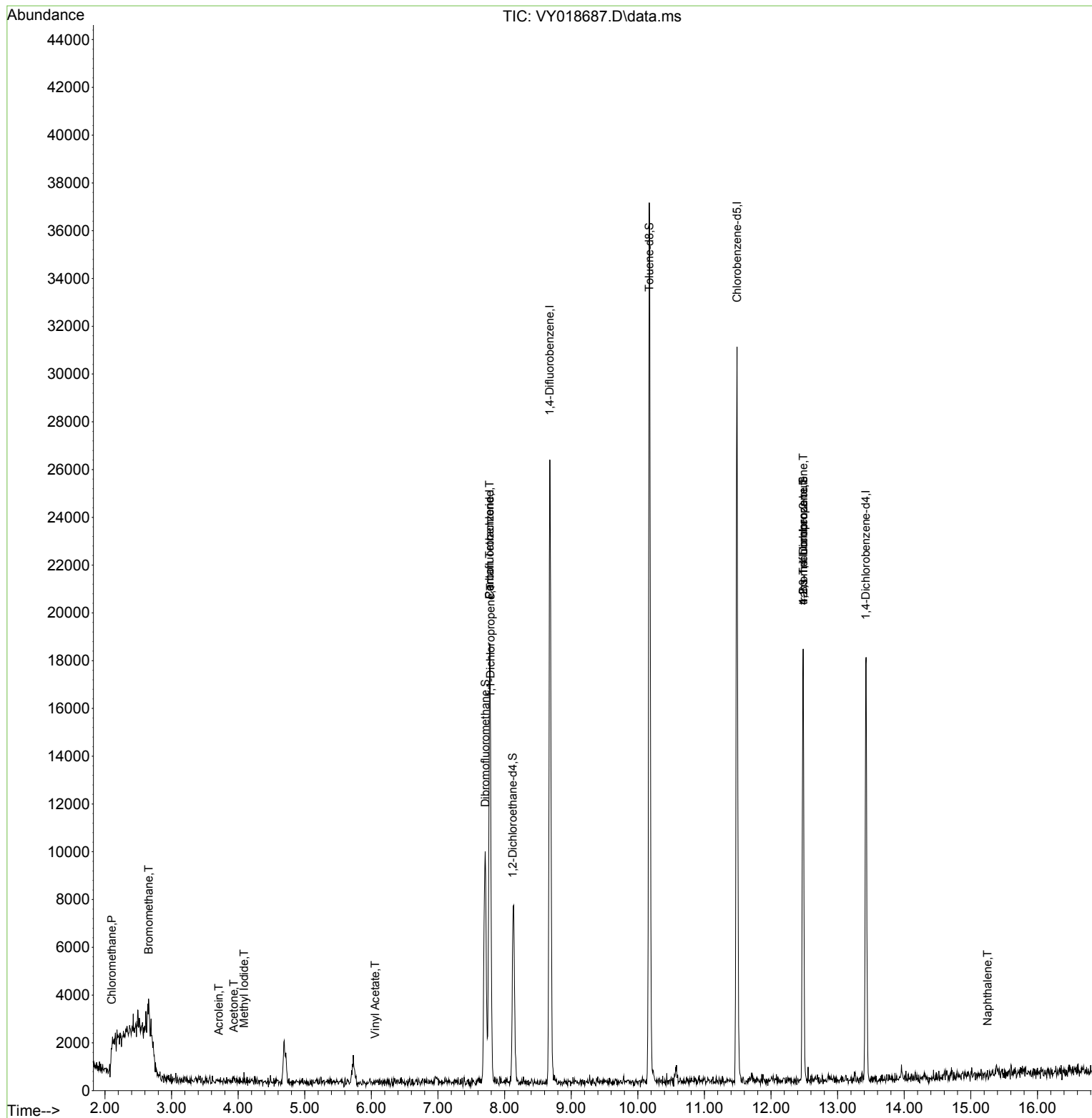
Internal Standards						
1) Pentafluorobenzene	7.777	168	14351	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	22810	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	17560	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	4885	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.124	65	6326	43.783	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	87.560%		
35) Dibromofluoromethane	7.710	113	7477	53.735	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	107.480%		
50) Toluene-d8	10.173	98	25559	47.765	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.520%		
62) 4-Bromofluorobenzene	12.483	95	5390	31.899	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	63.800%		
Target Compounds						Qvalue
3) Chloromethane	2.101	50	208	1.068	ug/l #	43
5) Bromomethane	2.656	94	842	4.699	ug/l #	71
10) Methyl Iodide	4.088	142	291	2.443	ug/l #	42
13) Acrolein	3.710	56	38	4.548	ug/l #	15
16) Acetone	3.936	43	203	6.906	ug/l #	70
20) Methylene Chloride	4.686	84	805	Below Cal	#	68
23) Vinyl Acetate	6.057	43	19	23.737	ug/l #	67
36) 1,1-Dichloropropene	7.789	75	1072	5.597	ug/l #	40
38) Carbon Tetrachloride	7.777	117	1552	7.724	ug/l #	13
76) 1,2,3-Trichloropropane	12.483	75	2992	65.294	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	2992	171.030	ug/l #	16
95) Naphthalene	15.251	128	181	1.223	ug/l #	69

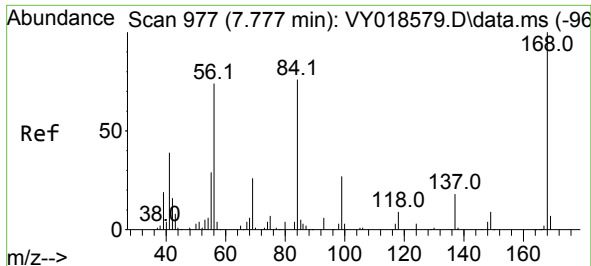
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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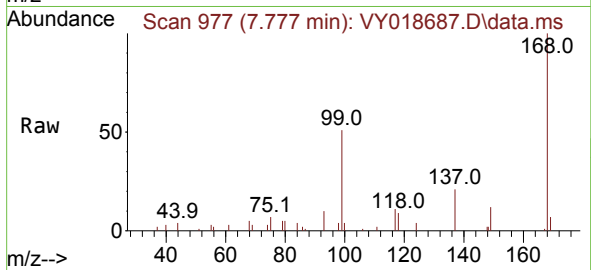
Quant Time: Jun 26 02:37:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 14 07:08:24 2024
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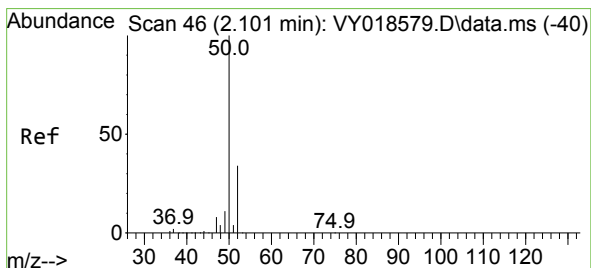
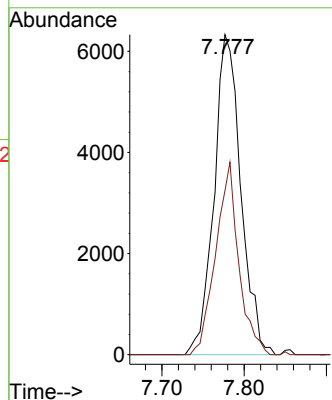
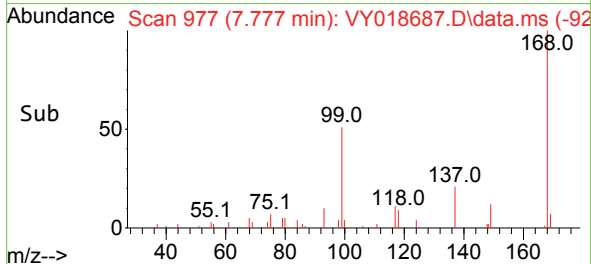


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018687.D
Acq: 25 Jun 2024 14:41

Instrument :
MSVOA_Y
ClientSampleId :

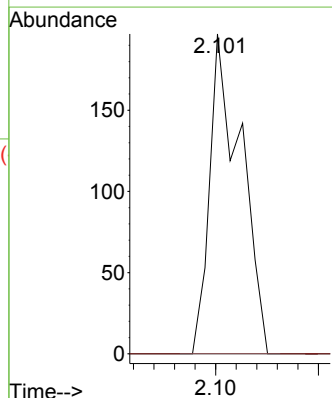
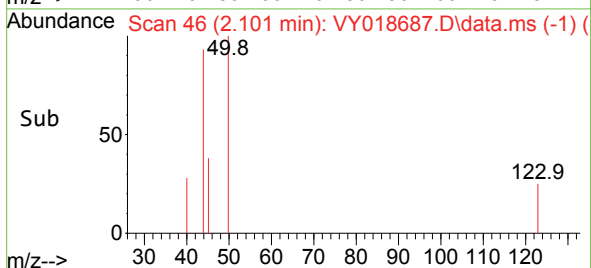
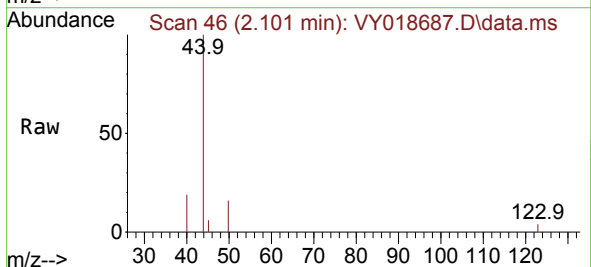


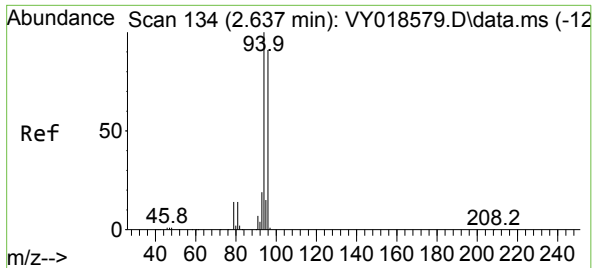
Tgt Ion:168 Resp: 14351
Ion Ratio Lower Upper
168 100
99 51.3 39.1 58.7



#3
Chloromethane
Concen: 1.068 ug/l
RT: 2.101 min Scan# 46
Delta R.T. -0.000 min
Lab File: VY018687.D
Acq: 25 Jun 2024 14:41

Tgt Ion: 50 Resp: 208
Ion Ratio Lower Upper
50 100
52 0.0 25.6 38.4#

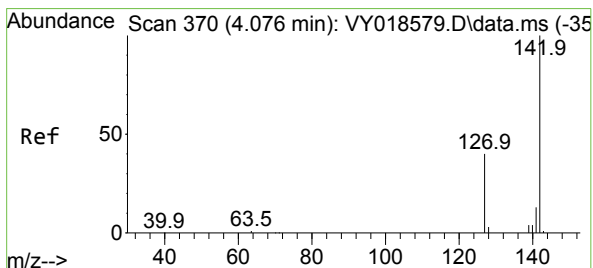
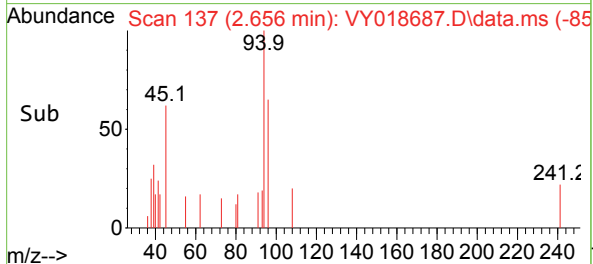
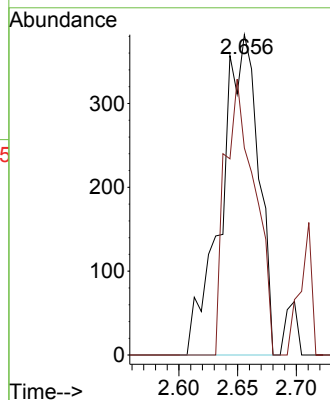
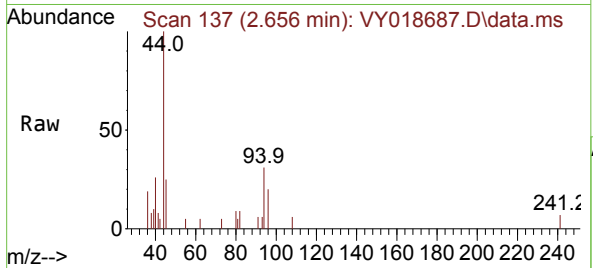




#5
Bromomethane
Concen: 4.699 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY018687.D
Acq: 25 Jun 2024 14:41

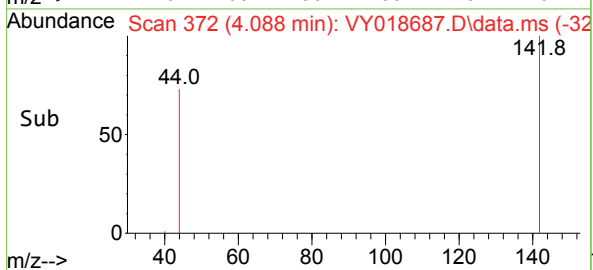
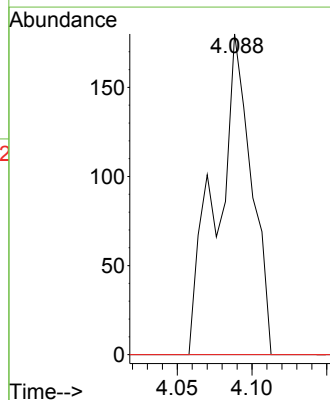
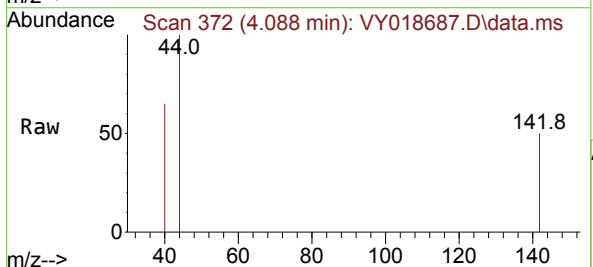
Instrument :
MSVOA_Y
ClientSampleId :

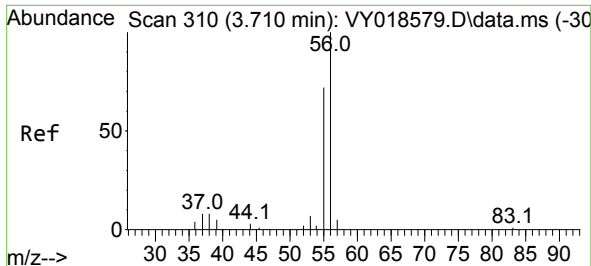
Tgt Ion: 94 Resp: 842
Ion Ratio Lower Upper
94 100
96 64.7 74.1 111.1#



#10
Methyl Iodide
Concen: 2.443 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.012 min
Lab File: VY018687.D
Acq: 25 Jun 2024 14:41

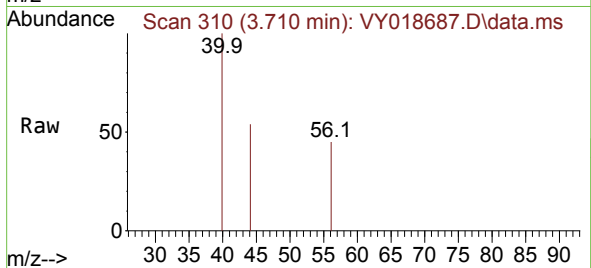
Tgt Ion:142 Resp: 291
Ion Ratio Lower Upper
142 100
127 0.0 32.8 49.2#
141 0.0 11.4 17.2#



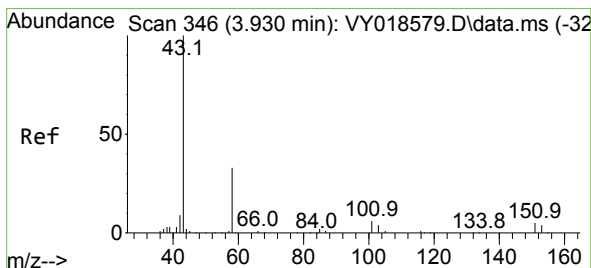
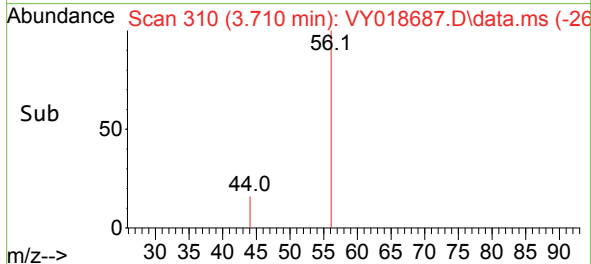
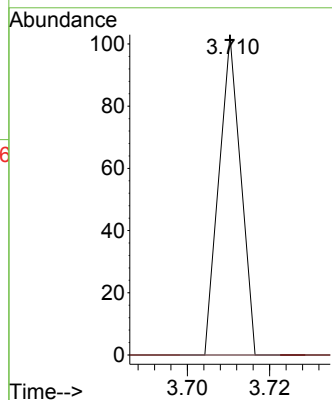


#13
Acrolein
Concen: 4.548 ug/l
RT: 3.710 min Scan# 310
Delta R.T. 0.000 min
Lab File: VY018687.D
Acq: 25 Jun 2024 14:41

Instrument :
MSVOA_Y
ClientSampleId :

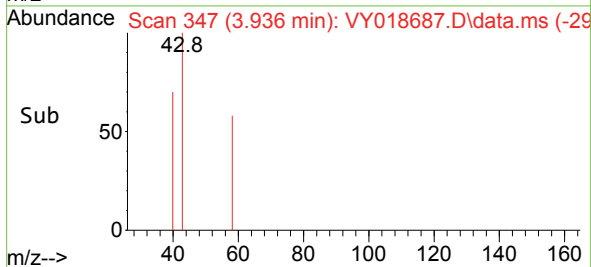
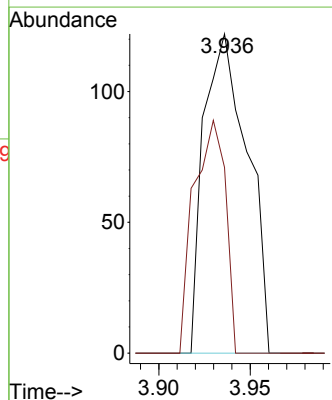
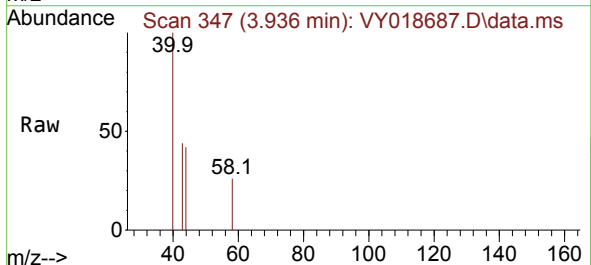


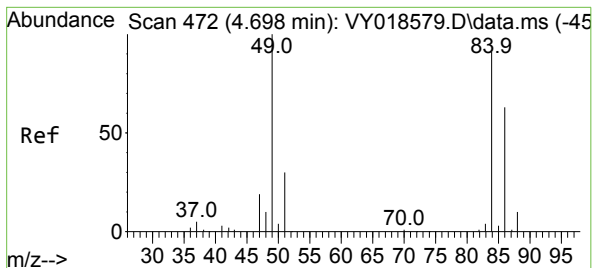
Tgt Ion: 56 Resp: 38
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#



#16
Acetone
Concen: 6.906 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY018687.D
Acq: 25 Jun 2024 14:41

Tgt Ion: 43 Resp: 203
Ion Ratio Lower Upper
43 100
58 58.2 31.7 47.5#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.686 min Scan# 41

Delta R.T. -0.012 min

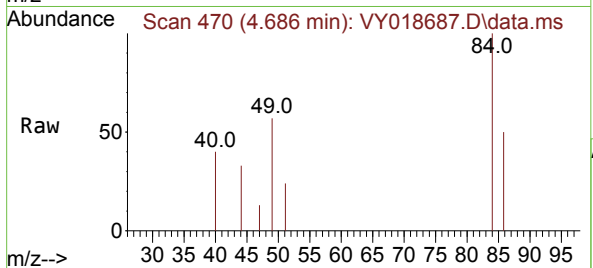
Lab File: VY018687.D

Acq: 25 Jun 2024 14:41

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 805

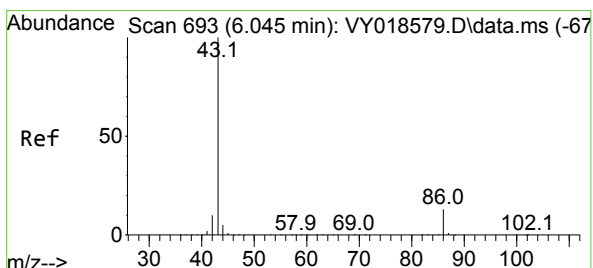
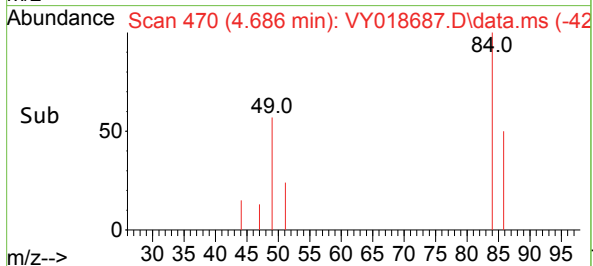
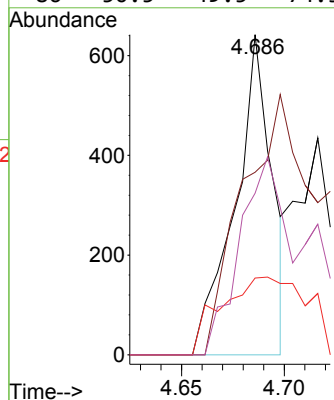
Ion Ratio Lower Upper

84 100

49 57.0 84.4 126.6#

51 24.0 26.0 39.0#

86 50.5 49.5 74.3



#23

Vinyl Acetate

Concen: 23.737 ug/l

RT: 6.057 min Scan# 695

Delta R.T. 0.012 min

Lab File: VY018687.D

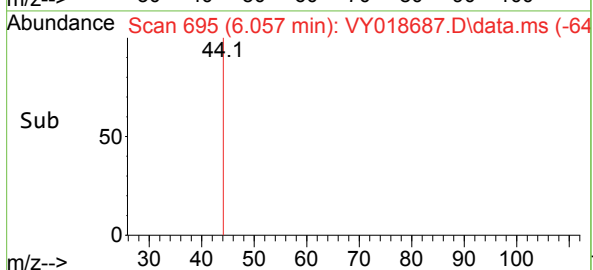
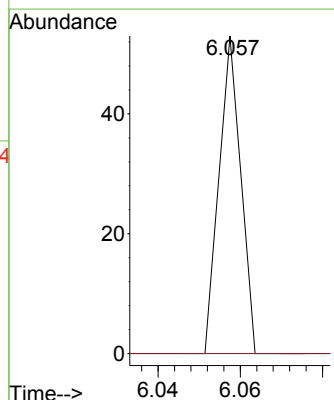
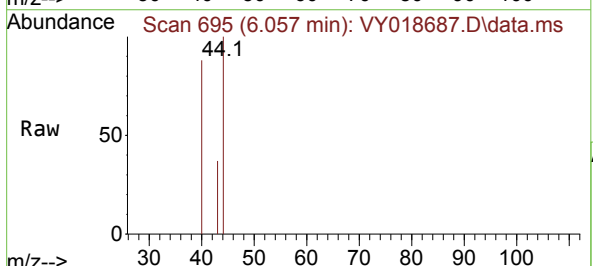
Acq: 25 Jun 2024 14:41

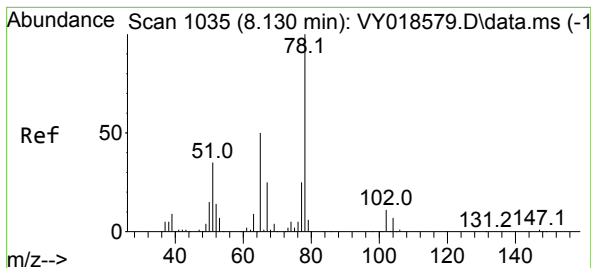
Tgt Ion: 43 Resp: 19

Ion Ratio Lower Upper

43 100

86 0.0 10.6 16.0#





#33

1,2-Dichloroethane-d4

Concen: 43.783 ug/l

RT: 8.124 min Scan# 1034

Delta R.T. -0.006 min

Lab File: VY018687.D

Acq: 25 Jun 2024 14:41

Instrument :

MSVOA_Y

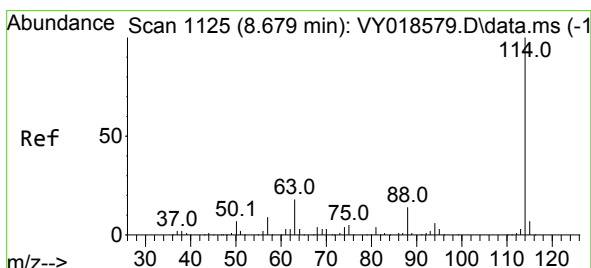
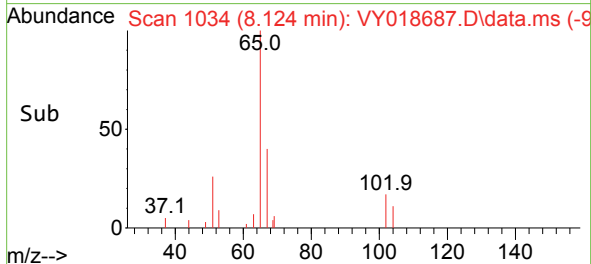
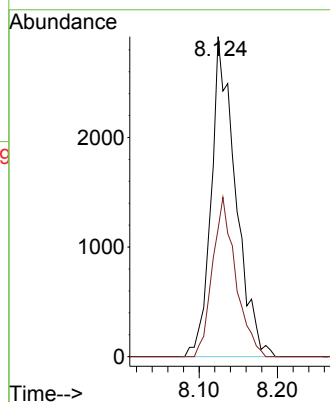
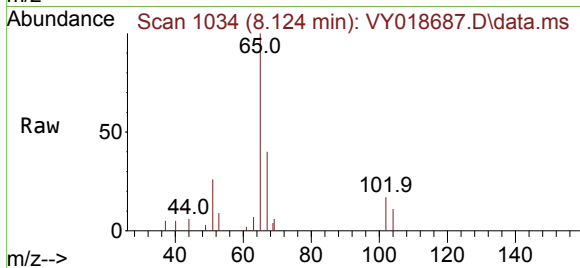
ClientSampleId :

Tgt Ion: 65 Resp: 6326

Ion Ratio Lower Upper

65 100

67 47.3 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: VY018687.D

Acq: 25 Jun 2024 14:41

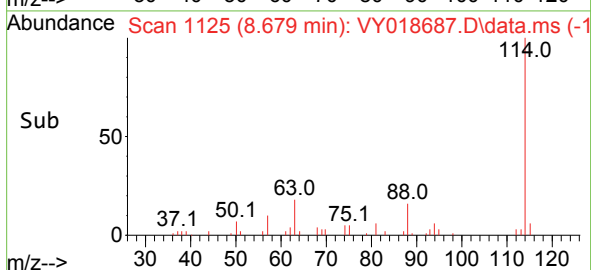
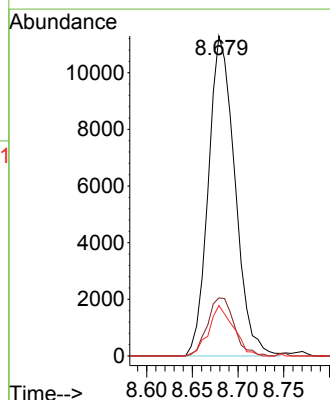
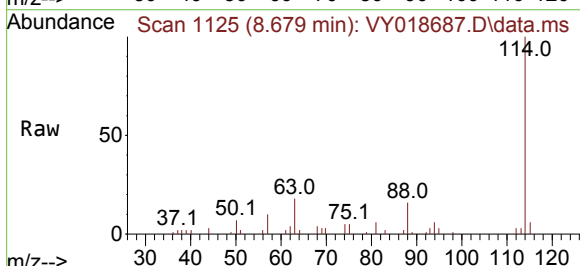
Tgt Ion: 114 Resp: 22810

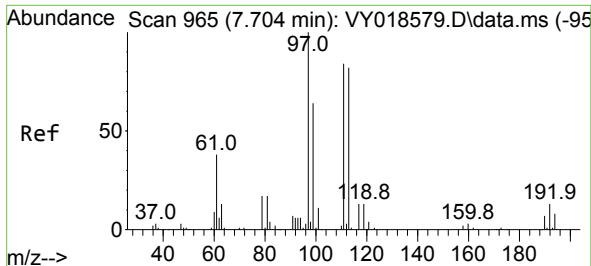
Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

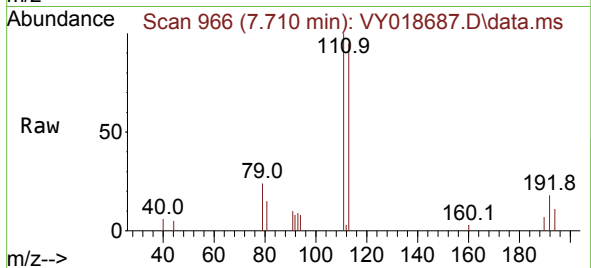
88 15.7 0.0 27.2



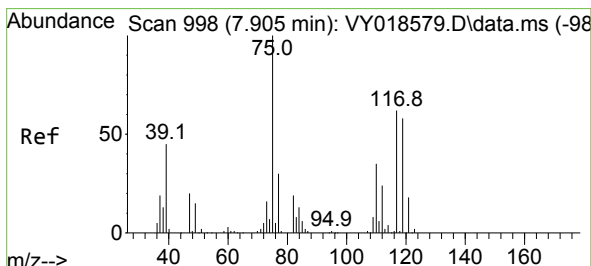
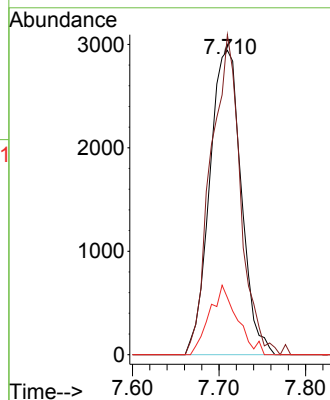
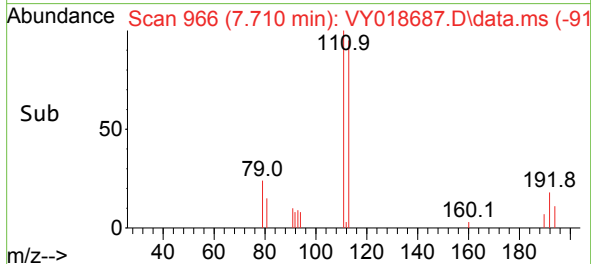


#35
Dibromofluoromethane
Concen: 53.735 ug/l
RT: 7.710 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY018687.D
Acq: 25 Jun 2024 14:41

Instrument :
MSVOA_Y
ClientSampleId :

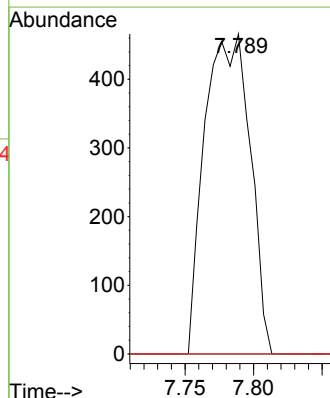
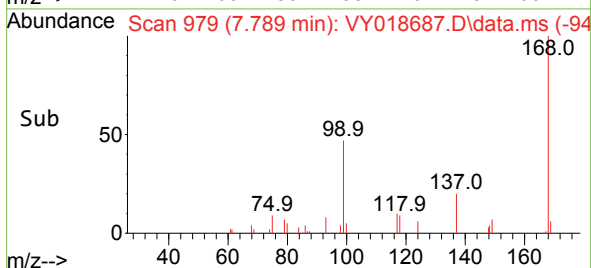
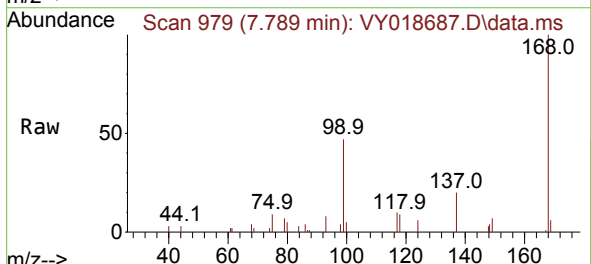


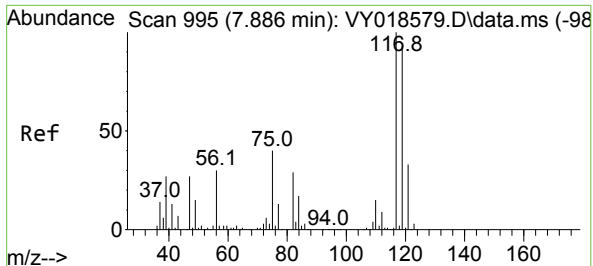
Tgt Ion:113 Resp: 7477
Ion Ratio Lower Upper
113 100
111 98.3 82.2 123.4
192 20.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.597 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY018687.D
Acq: 25 Jun 2024 14:41

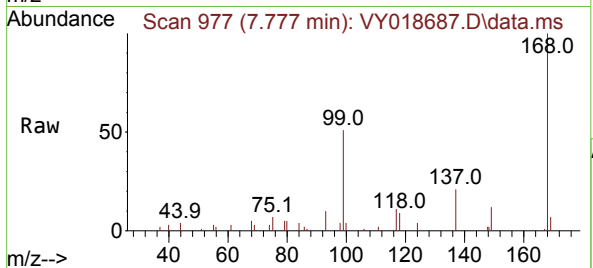
Tgt Ion: 75 Resp: 1072
Ion Ratio Lower Upper
75 100
110 0.0 19.0 57.0#
77 0.0 25.3 37.9#



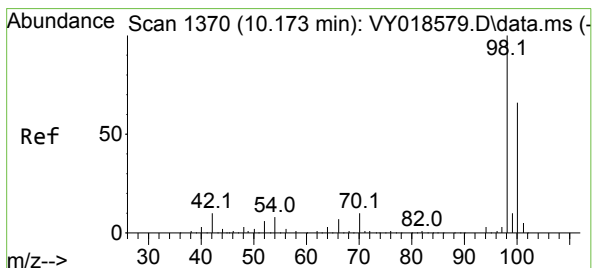
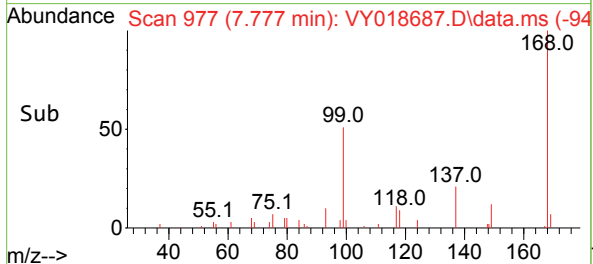
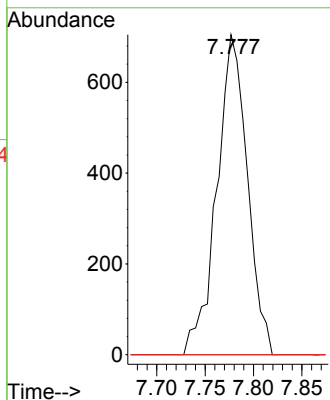


#38
Carbon Tetrachloride
Concen: 7.724 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY018687.D
Acq: 25 Jun 2024 14:41

Instrument :
MSVOA_Y
ClientSampleId :

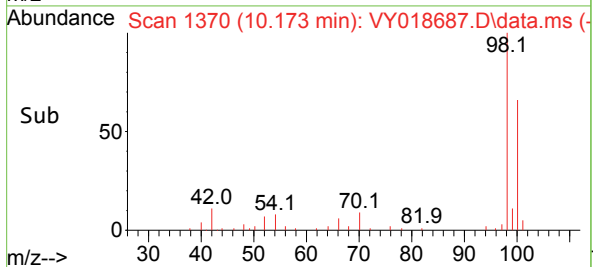
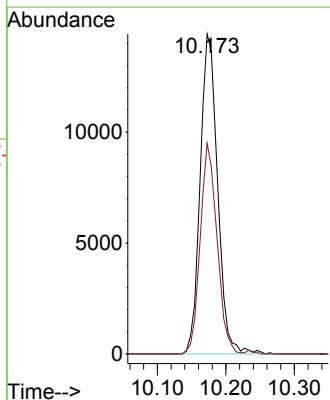
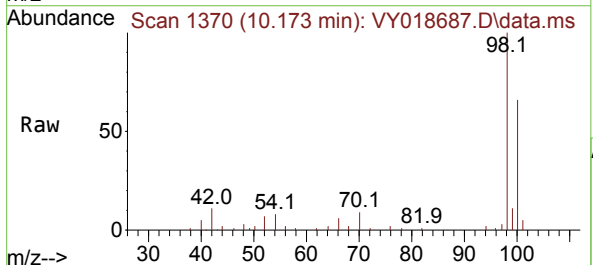


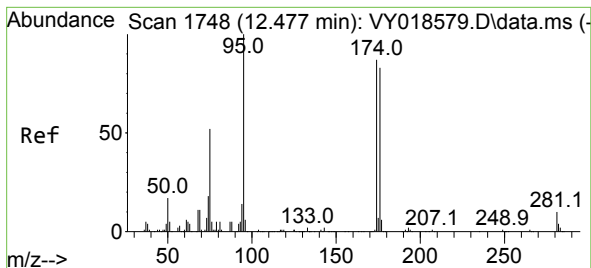
Tgt Ion:117 Resp: 1552
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.765 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018687.D
Acq: 25 Jun 2024 14:41

Tgt Ion: 98 Resp: 25559
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0

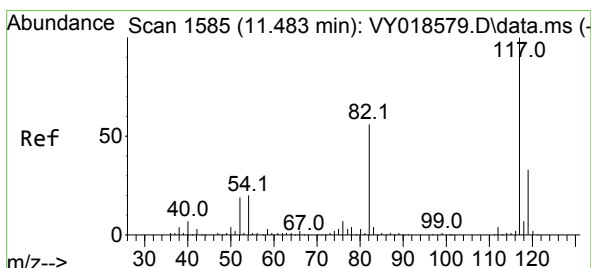
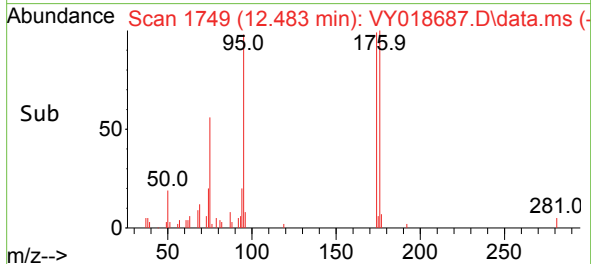
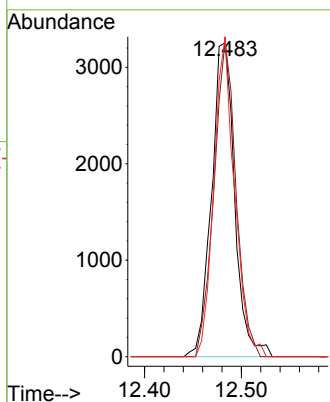
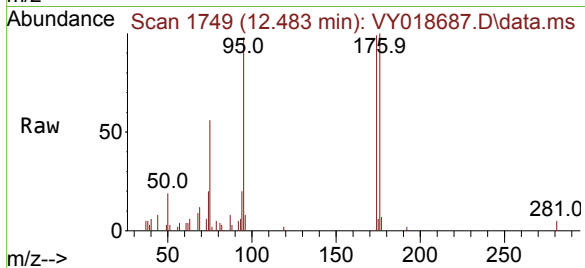




#62
4-Bromofluorobenzene
Concen: 31.899 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY018687.D
Acq: 25 Jun 2024 14:41

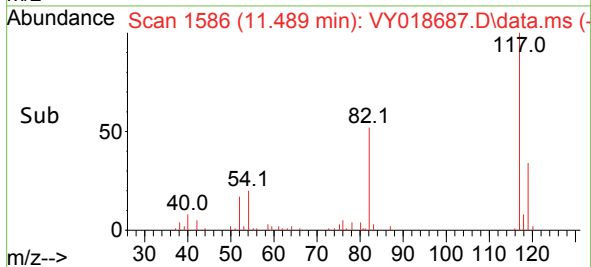
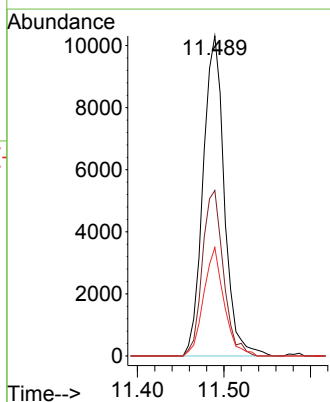
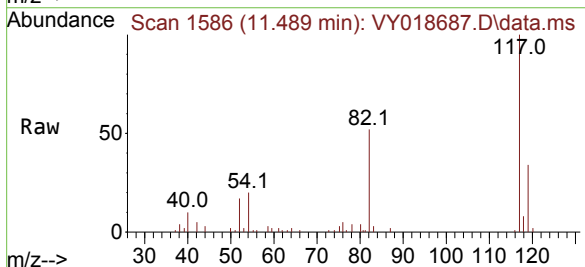
Instrument :
MSVOA_Y
ClientSampleId :

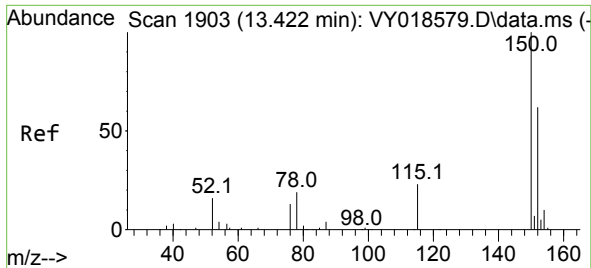
Tgt Ion:	95	Resp:	5390
Ion	Ratio	Lower	Upper
95	100		
174	96.1	0.0	175.6
176	91.5	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.006 min
Lab File: VY018687.D
Acq: 25 Jun 2024 14:41

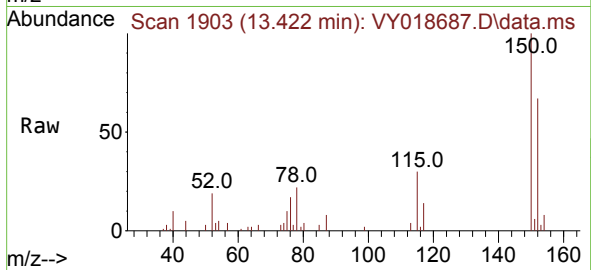
Tgt Ion:	117	Resp:	17560
Ion	Ratio	Lower	Upper
117	100		
82	51.7	42.4	63.6
119	33.9	25.9	38.9



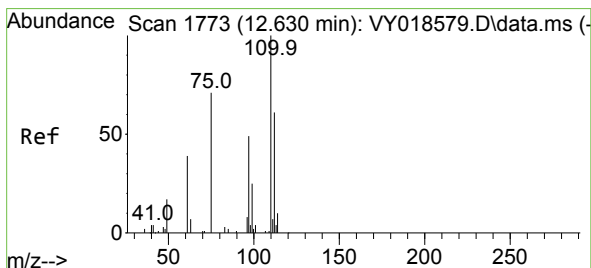
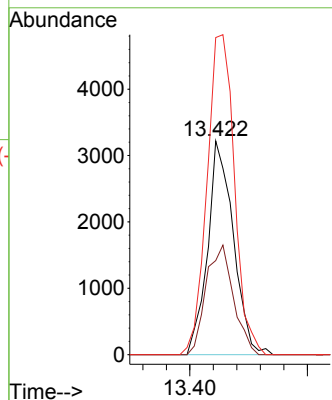
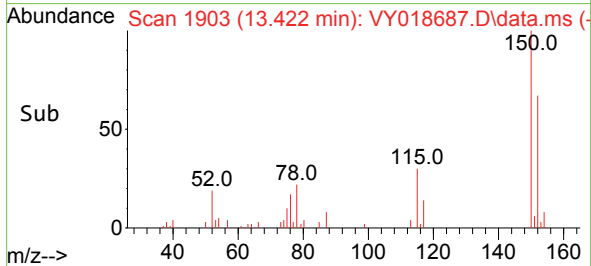


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY018687.D
 Acq: 25 Jun 2024 14:41

Instrument :
 MSVOA_Y
 ClientSampleId :

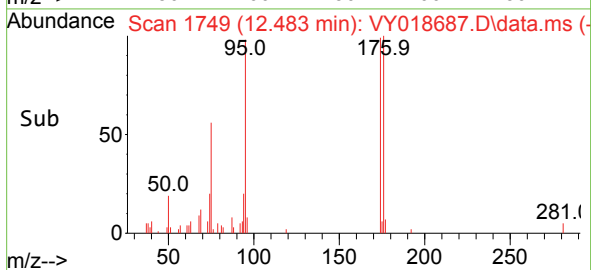
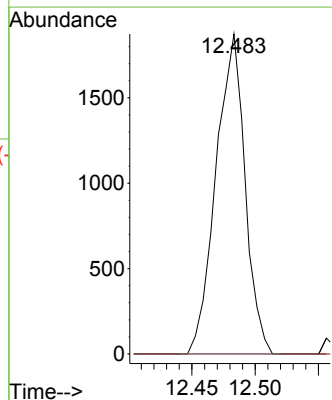
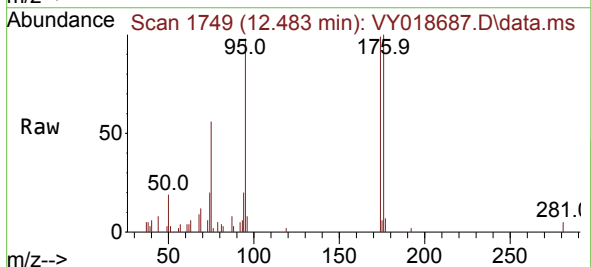


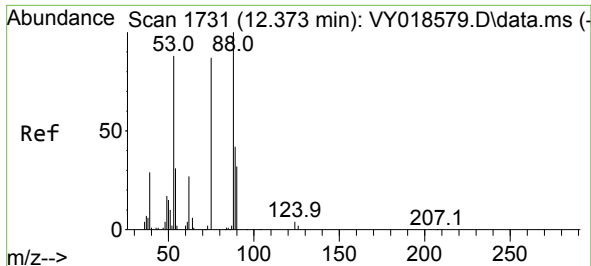
Tgt Ion:152 Resp: 4885
 Ion Ratio Lower Upper
 152 100
 115 54.6 28.2 84.7
 150 159.8 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 65.294 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY018687.D
 Acq: 25 Jun 2024 14:41

Tgt Ion: 75 Resp: 2992
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

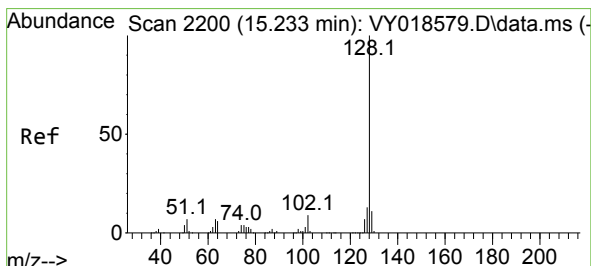
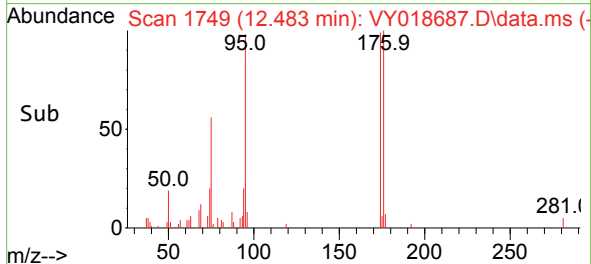
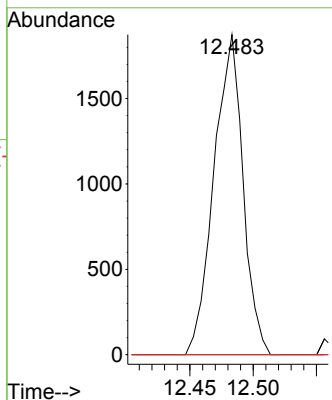
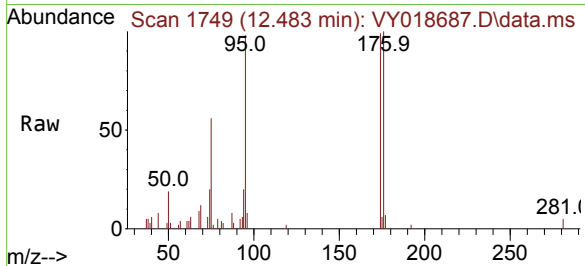




#81
trans-1,4-Dichloro-2-butene
Concen: 171.030 ug/l
RT: 12.483 min Scan# 1
Delta R.T. 0.110 min
Lab File: VY018687.D
Acq: 25 Jun 2024 14:41

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 2992
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 1.223 ug/l
RT: 15.251 min Scan# 2203
Delta R.T. 0.018 min
Lab File: VY018687.D
Acq: 25 Jun 2024 14:41

Tgt Ion:128 Resp: 181
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#

