

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072424\
 Data File : VY018909.D
 Acq On : 24 Jul 2024 14:23
 Operator : SY/MD
 Sample : P3339-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 25 01:30:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

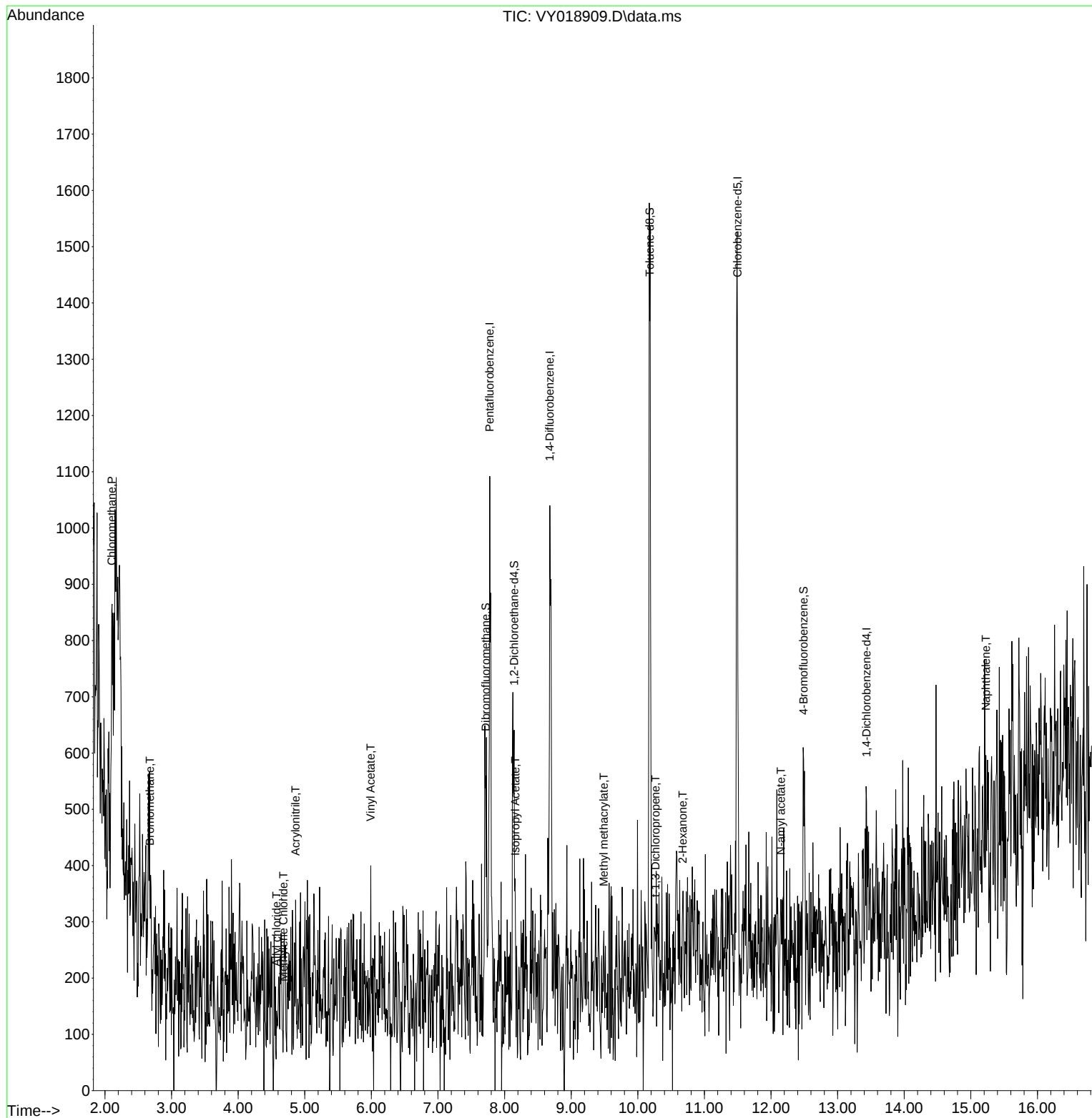
Internal Standards						
1) Pentafluorobenzene	7.777	168	911	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.679	114	852	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	978	50.000	ug/l	# 0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	82	50.000	ug/l	# 0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	419	46.740	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.480%
35) Dibromofluoromethane	7.716	113	285	53.408	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.820%
50) Toluene-d8	10.179	98	1232	60.939	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	121.880%
62) 4-Bromofluorobenzene	12.489	95	78	11.298	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	22.600%#
Target Compounds						
					Qvalue	
3) Chloromethane	2.101	50	75	6.465	ug/l #	43
5) Bromomethane	2.674	94	41	4.393	ug/l #	3
14) Allyl chloride	4.576	41	21	1.926	ug/l #	19
15) Acrylonitrile	4.863	53	31	18.182	ug/l #	18
20) Methylene Chloride	4.680	84	162	13.705	ug/l #	12
23) Vinyl Acetate	5.991	43	22	1.177	ug/l #	67
43) Isopropyl Acetate	8.161	43	25	4.105	ug/l #	47
48) Methyl methacrylate	9.490	41	19	6.863	ug/l #	7
53) t-1,3-Dichloropropene	10.264	75	19	2.921	ug/l #	45
59) 2-Hexanone	10.673	43	23	10.572	ug/l #	19
74) N-amyl acetate	12.148	43	28	22.814	ug/l #	37
95) Naphthalene	15.227	128	22	8.643	ug/l #	69

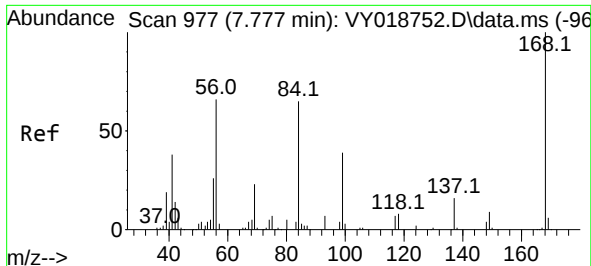
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072424\
Data File : VY018909.D
Acq On : 24 Jul 2024 14:23
Operator : SY/MD
Sample : P3339-01
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

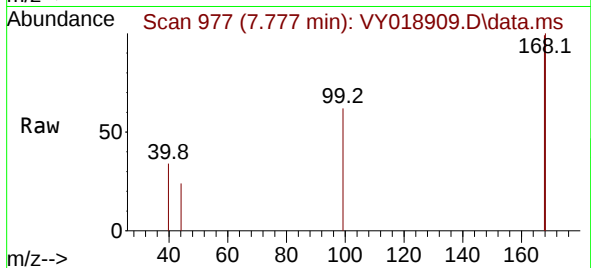
Quant Time: Jul 25 01:30:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 09 14:28:51 2024
Response via : Initial Calibration



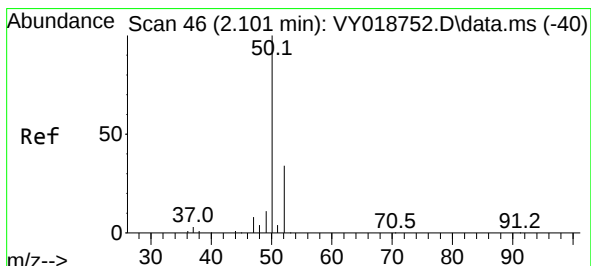
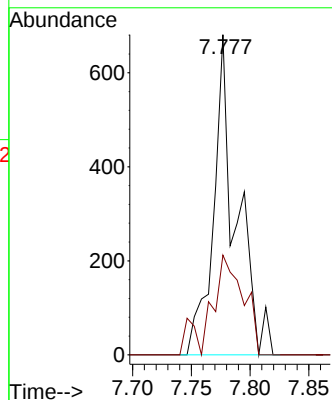
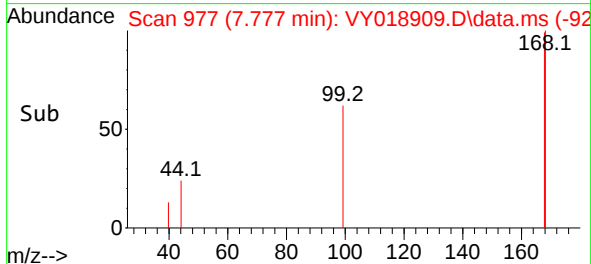


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018909.D
Acq: 24 Jul 2024 14:23

Instrument :
MSVOA_Y
ClientSampleId :

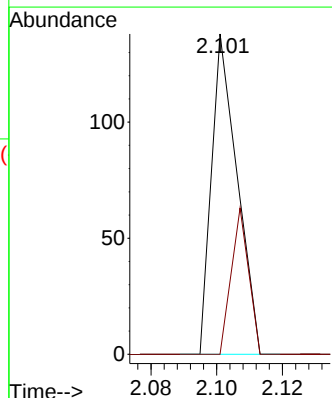
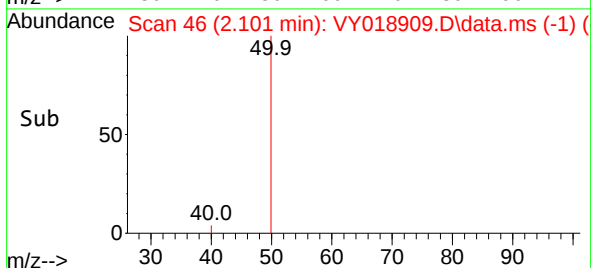
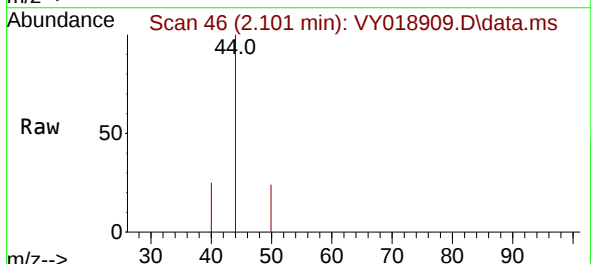


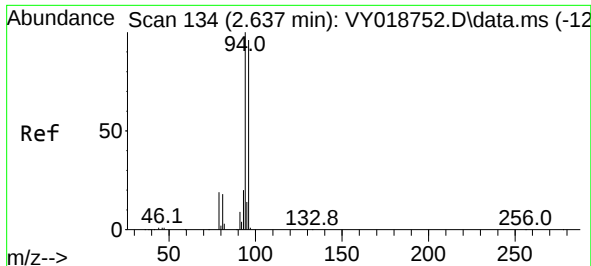
Tgt Ion:168 Resp: 911
Ion Ratio Lower Upper
168 100
99 31.1 39.1 58.7#



#3
Chloromethane
Concen: 6.465 ug/l
RT: 2.101 min Scan# 46
Delta R.T. 0.000 min
Lab File: VY018909.D
Acq: 24 Jul 2024 14:23

Tgt Ion: 50 Resp: 75
Ion Ratio Lower Upper
50 100
52 0.0 25.6 38.4#

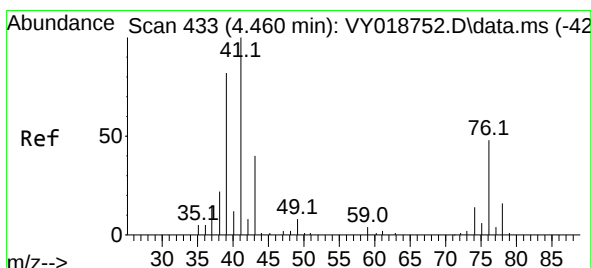
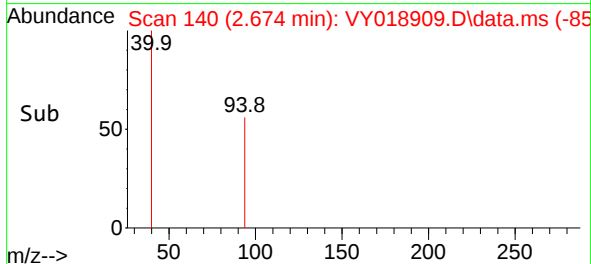
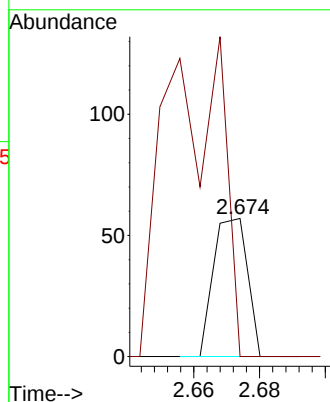
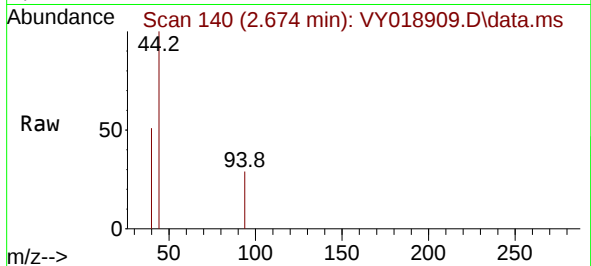




#5
Bromomethane
Concen: 4.393 ug/l
RT: 2.674 min Scan# 14
Delta R.T. 0.037 min
Lab File: VY018909.D
Acq: 24 Jul 2024 14:23

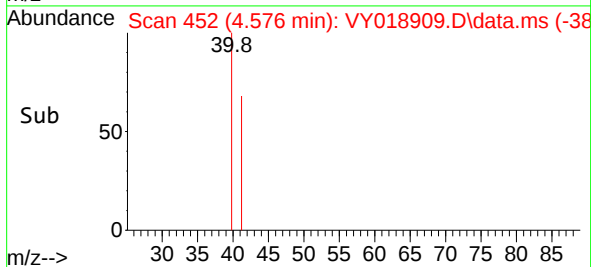
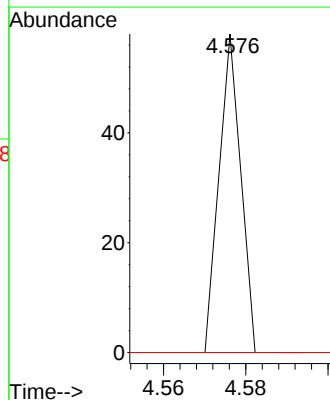
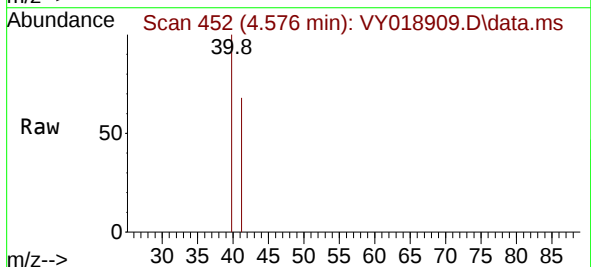
Instrument :
MSVOA_Y
ClientSampleId :

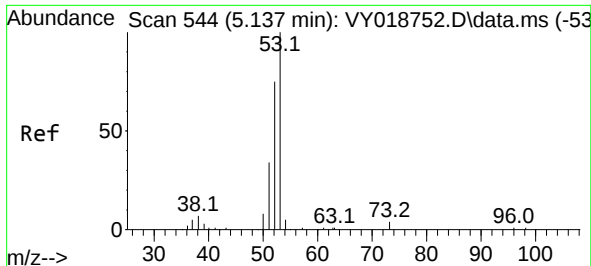
Tgt Ion: 94 Resp: 41
Ion Ratio Lower Upper
94 100
96 0.0 74.1 111.1#



#14
Allyl chloride
Concen: 1.926 ug/l
RT: 4.576 min Scan# 452
Delta R.T. 0.116 min
Lab File: VY018909.D
Acq: 24 Jul 2024 14:23

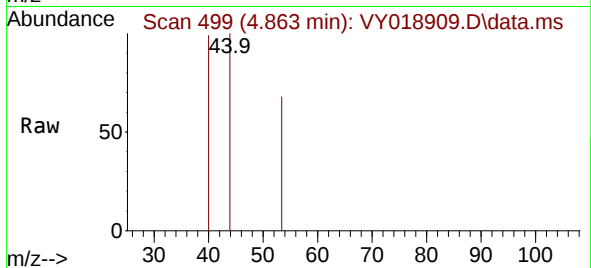
Tgt Ion: 41 Resp: 21
Ion Ratio Lower Upper
41 100
39 0.0 58.3 87.5#
76 0.0 39.0 58.6#



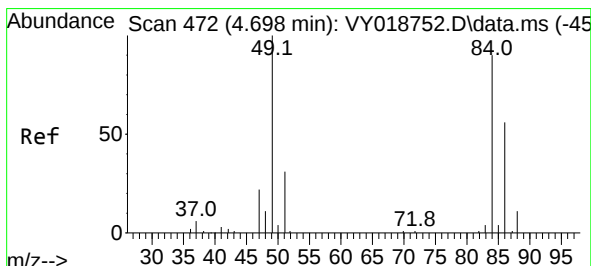
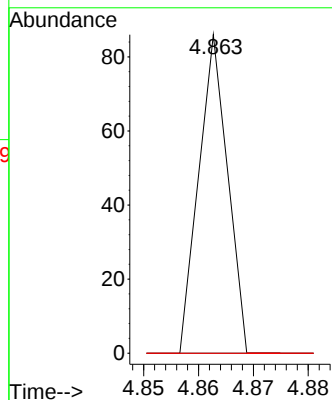
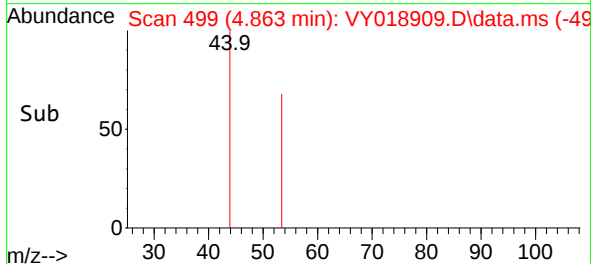


#15
Acrylonitrile
Concen: 18.182 ug/l
RT: 4.863 min Scan# 499
Delta R.T. -0.274 min
Lab File: VY018909.D
Acq: 24 Jul 2024 14:23

Instrument :
MSVOA_Y
ClientSampleId :

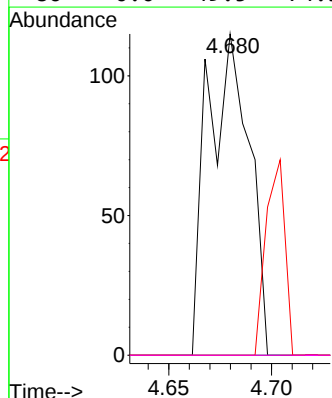
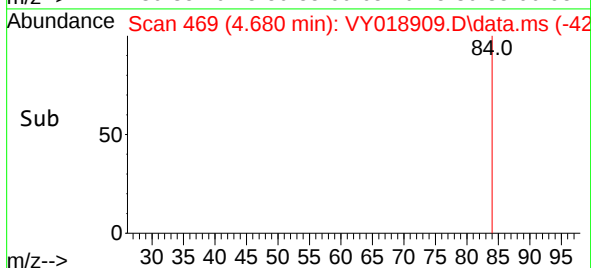
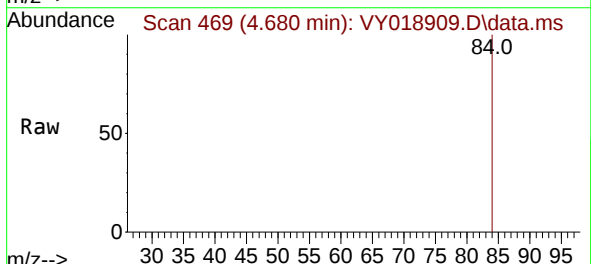


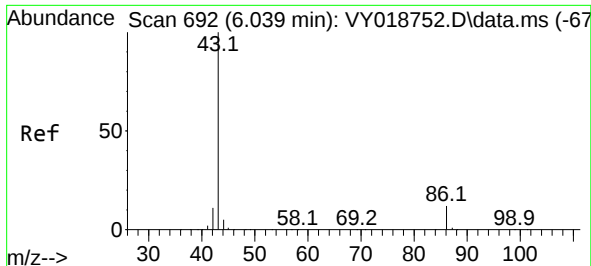
Tgt Ion:	53	Resp:	31
Ion	Ratio	Lower	Upper
53	100		
52	0.0	64.7	97.1#
51	0.0	28.4	42.6#



#20
Methylene Chloride
Concen: 13.705 ug/l
RT: 4.680 min Scan# 469
Delta R.T. -0.018 min
Lab File: VY018909.D
Acq: 24 Jul 2024 14:23

Tgt Ion:	84	Resp:	162
Ion	Ratio	Lower	Upper
84	100		
49	0.0	84.4	126.6#
51	0.0	26.0	39.0#
86	0.0	49.5	74.3#





#23

Vinyl Acetate

Concen: 1.177 ug/l

RT: 5.991 min Scan# 61

Delta R.T. -0.049 min

Lab File: VY018909.D

Acq: 24 Jul 2024 14:23

Instrument :

MSVOA_Y

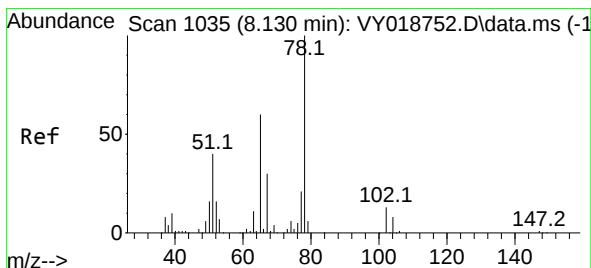
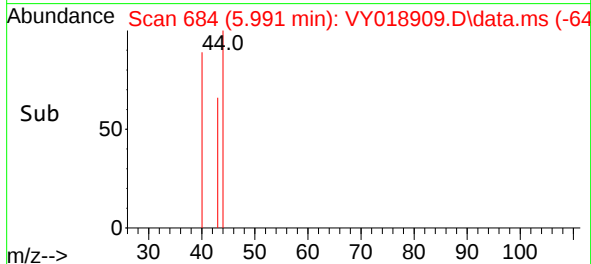
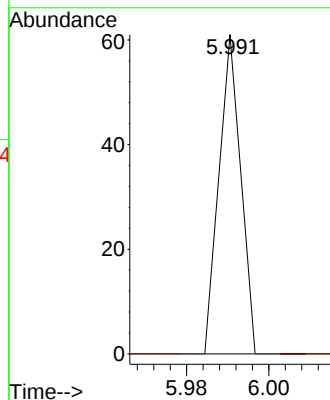
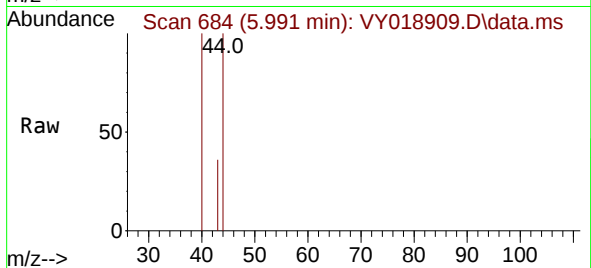
ClientSampleId :

Tgt Ion: 43 Resp: 22

Ion Ratio Lower Upper

43 100

86 0.0 10.6 16.0#



#33

1,2-Dichloroethane-d4

Concen: 46.740 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.012 min

Lab File: VY018909.D

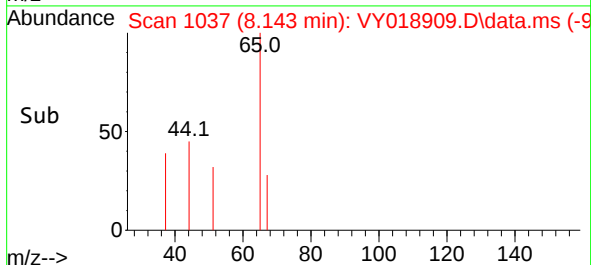
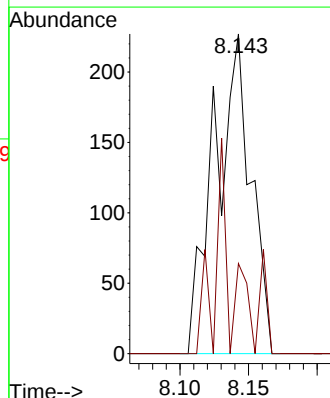
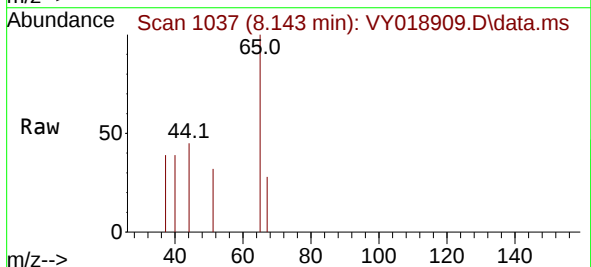
Acq: 24 Jul 2024 14:23

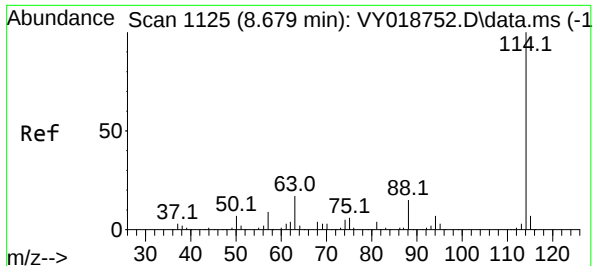
Tgt Ion: 65 Resp: 419

Ion Ratio Lower Upper

65 100

67 29.8 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: VY018909.D

Acq: 24 Jul 2024 14:23

Instrument :

MSVOA_Y

ClientSampleId :

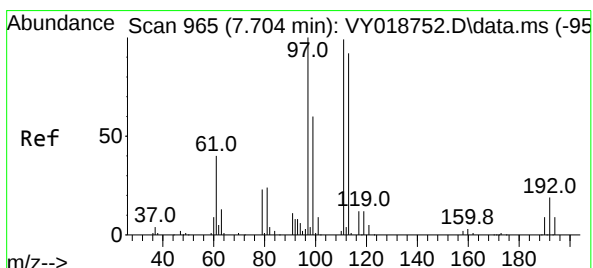
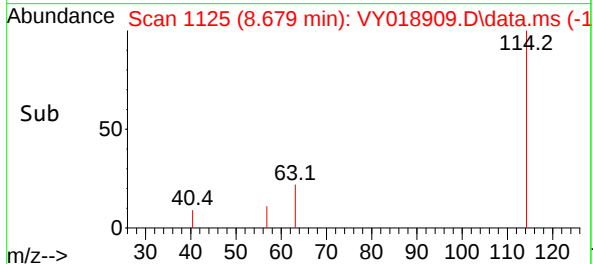
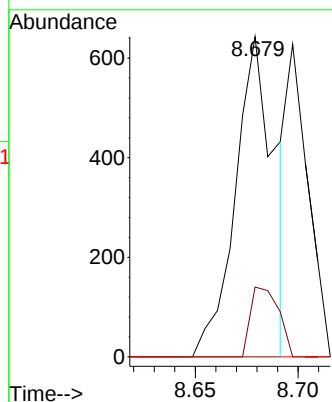
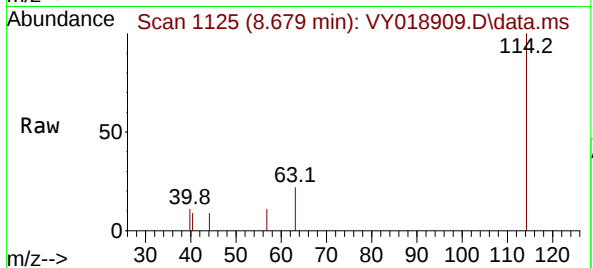
Tgt Ion:114 Resp: 852

Ion Ratio Lower Upper

114 100

63 21.8 0.0 35.0

88 0.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 53.408 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.012 min

Lab File: VY018909.D

Acq: 24 Jul 2024 14:23

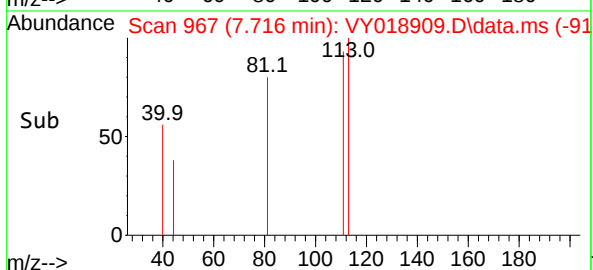
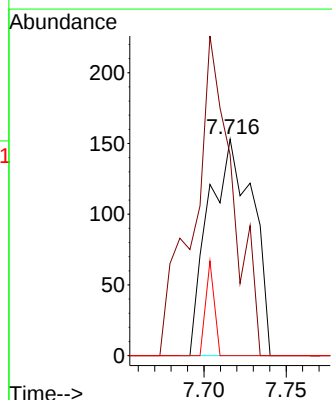
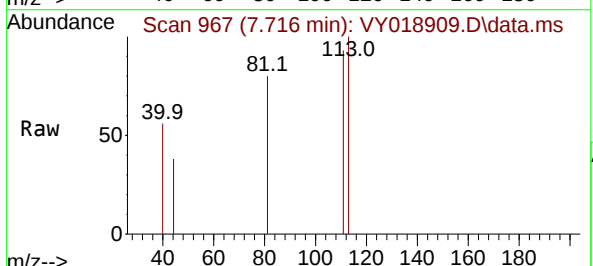
Tgt Ion:113 Resp: 285

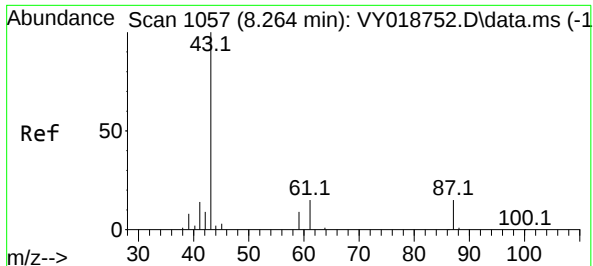
Ion Ratio Lower Upper

113 100

111 130.2 82.2 123.4#

192 8.8 15.9 23.9#





#43

Isopropyl Acetate

Concen: 4.105 ug/l

RT: 8.161 min Scan# 1

Delta R.T. -0.104 min

Lab File: VY018909.D

Acq: 24 Jul 2024 14:23

Instrument :

MSVOA_Y

ClientSampleId :

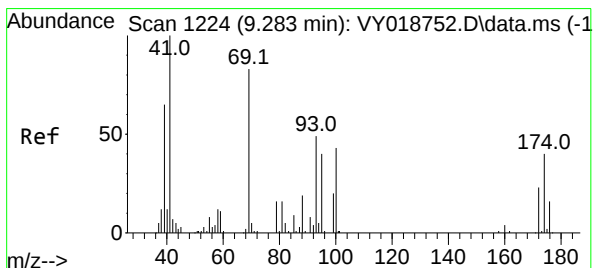
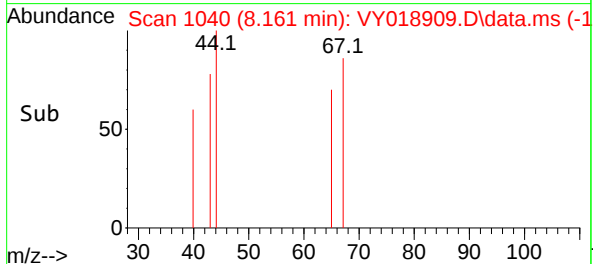
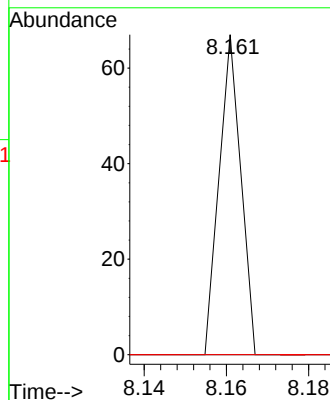
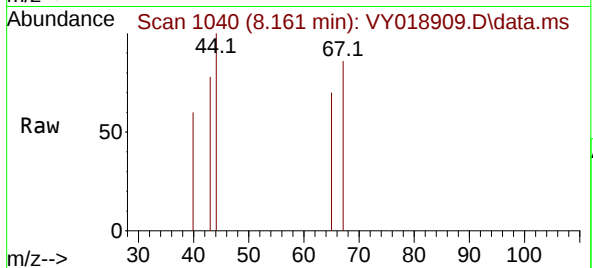
Tgt Ion: 43 Resp: 25

Ion Ratio Lower Upper

43 100

61 0.0 27.9 41.9#

87 0.0 13.1 19.7#



#48

Methyl methacrylate

Concen: 6.863 ug/l

RT: 9.490 min Scan# 1258

Delta R.T. 0.207 min

Lab File: VY018909.D

Acq: 24 Jul 2024 14:23

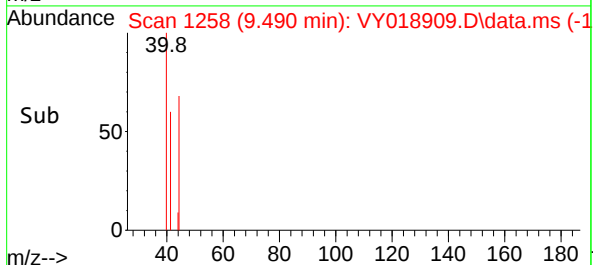
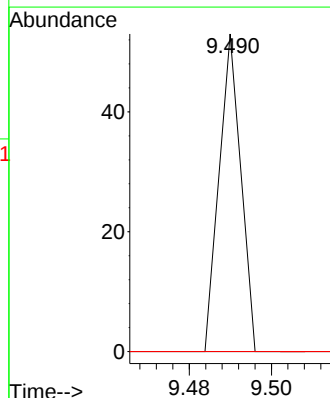
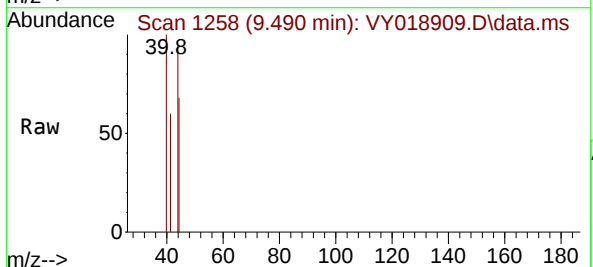
Tgt Ion: 41 Resp: 19

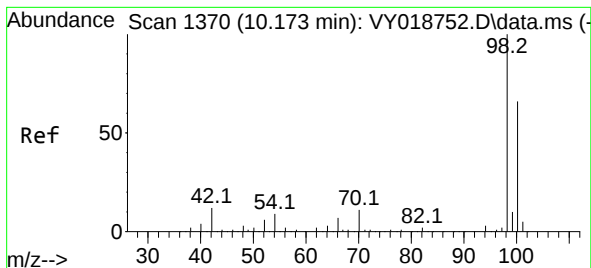
Ion Ratio Lower Upper

41 100

69 0.0 84.1 126.1#

39 0.0 43.6 65.4#





#50

Toluene-d8

Concen: 60.939 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018909.D

Acq: 24 Jul 2024 14:23

Instrument :

MSVOA_Y

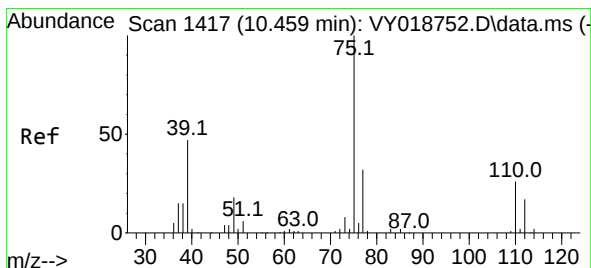
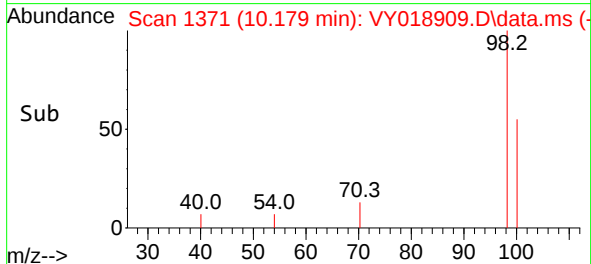
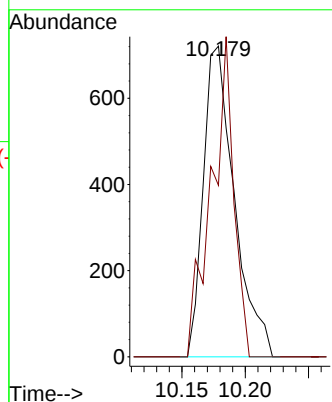
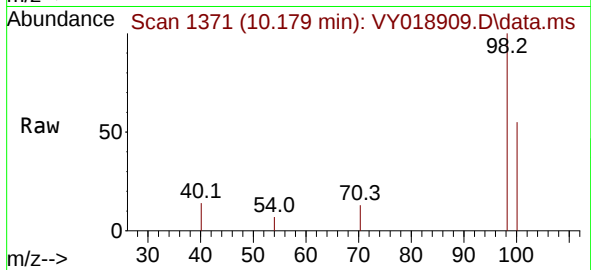
ClientSampleId :

Tgt Ion: 98 Resp: 1232

Ion Ratio Lower Upper

98 100

100 74.2 52.0 78.0



#53

t-1,3-Dichloropropene

Concen: 2.921 ug/l

RT: 10.264 min Scan# 1385

Delta R.T. -0.195 min

Lab File: VY018909.D

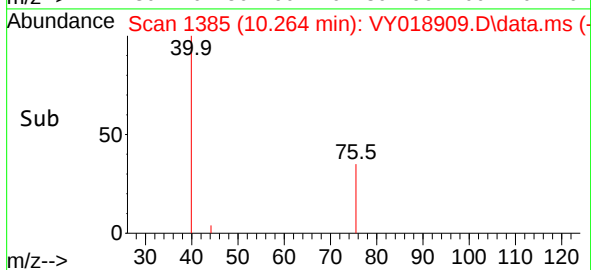
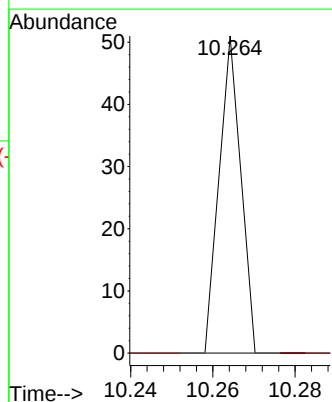
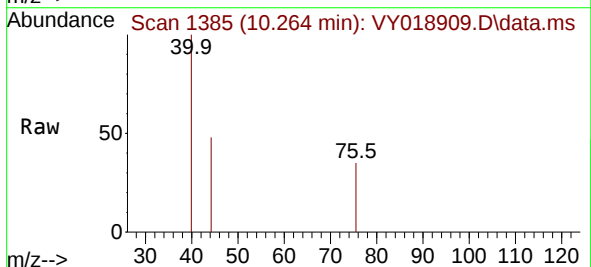
Acq: 24 Jul 2024 14:23

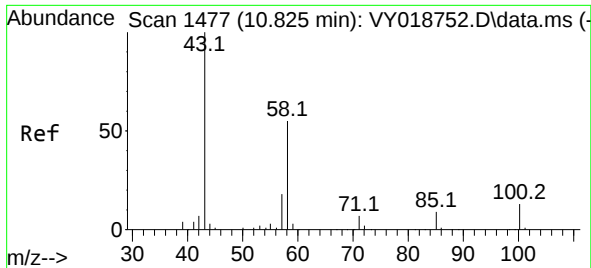
Tgt Ion: 75 Resp: 19

Ion Ratio Lower Upper

75 100

77 0.0 24.1 36.1#

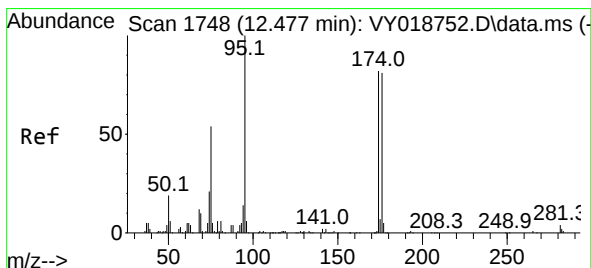
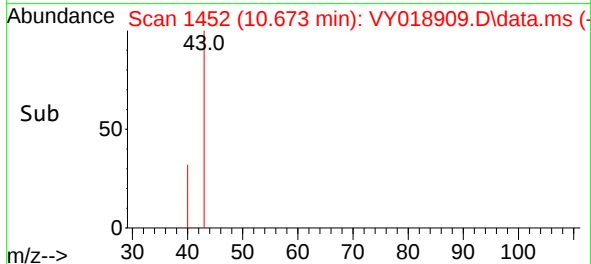
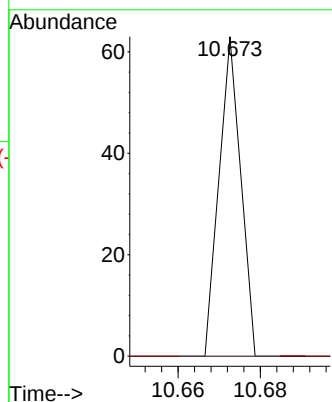
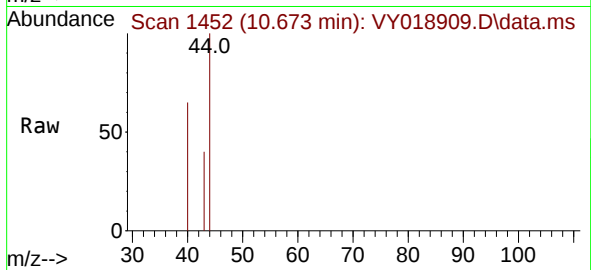




#59
2-Hexanone
Concen: 10.572 ug/l
RT: 10.673 min Scan# 14
Delta R.T. -0.152 min
Lab File: VY018909.D
Acq: 24 Jul 2024 14:23

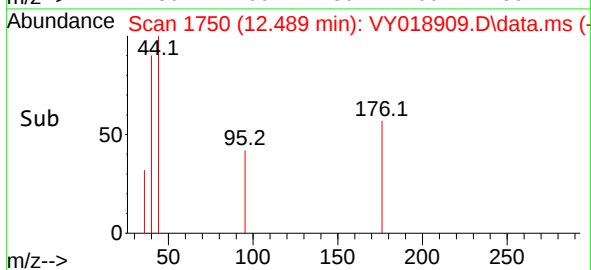
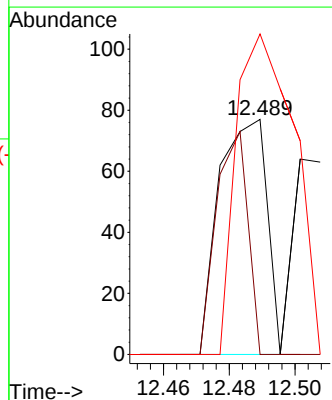
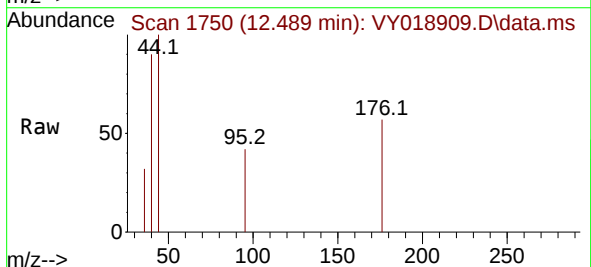
Instrument :
MSVOA_Y
ClientSampleId :

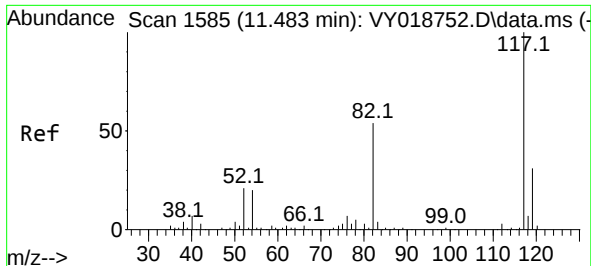
Tgt Ion: 43 Resp: 23
Ion Ratio Lower Upper
43 100
58 0.0 31.4 94.0#



#62
4-Bromofluorobenzene
Concen: 11.298 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.012 min
Lab File: VY018909.D
Acq: 24 Jul 2024 14:23

Tgt Ion: 95 Resp: 78
Ion Ratio Lower Upper
95 100
174 61.5 0.0 175.6
176 165.4 0.0 171.4

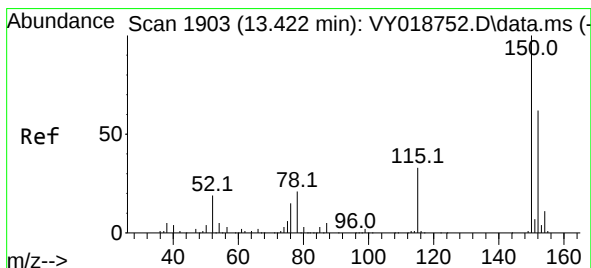
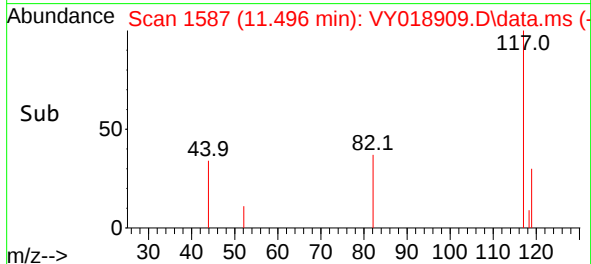
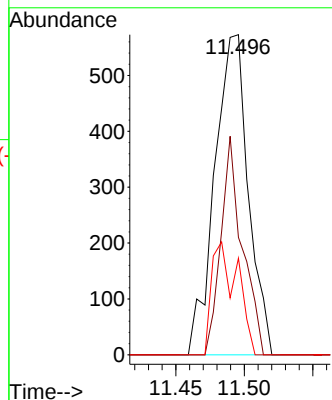
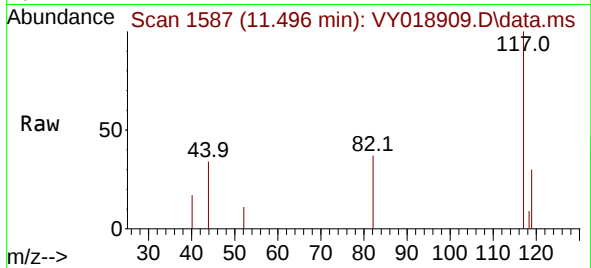




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY018909.D
Acq: 24 Jul 2024 14:23

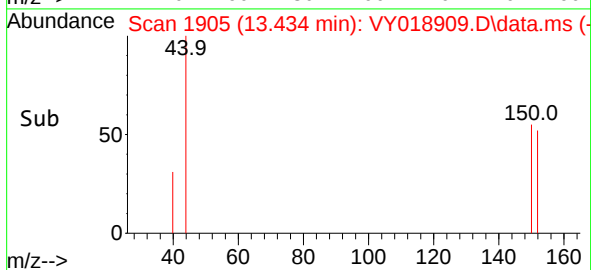
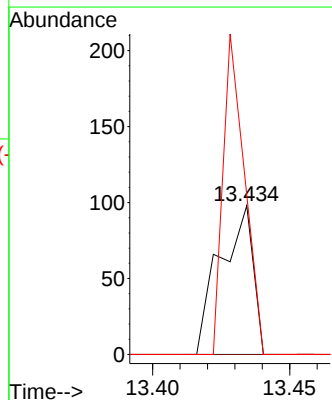
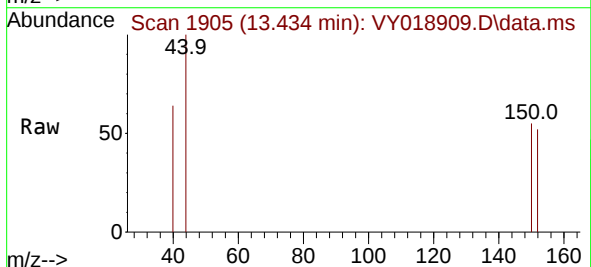
Instrument :
MSVOA_Y
ClientSampleId :

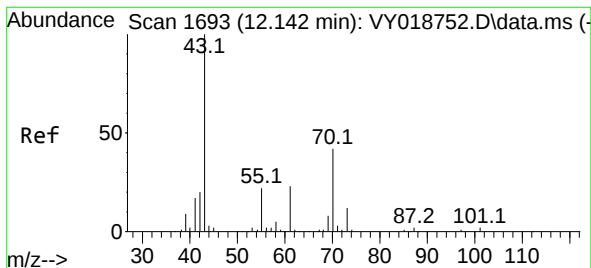
Tgt Ion:117 Resp: 978
Ion Ratio Lower Upper
117 100
82 36.6 42.4 63.6#
119 30.2 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.012 min
Lab File: VY018909.D
Acq: 24 Jul 2024 14:23

Tgt Ion:152 Resp: 82
Ion Ratio Lower Upper
152 100
115 0.0 28.2 84.7#
150 141.5 0.0 345.6





#74

N-amy1 acetate

Concen: 22.814 ug/l

RT: 12.148 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018909.D

Acq: 24 Jul 2024 14:23

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43 Resp: 28

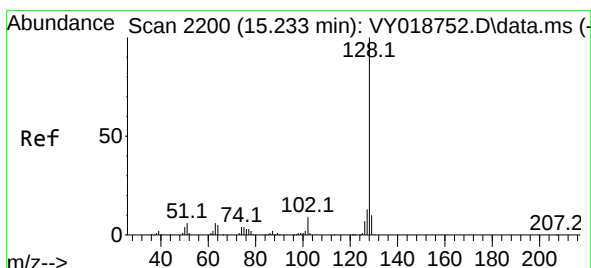
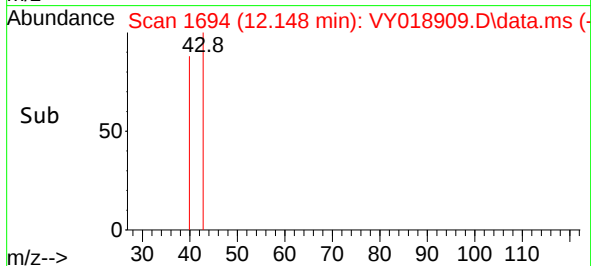
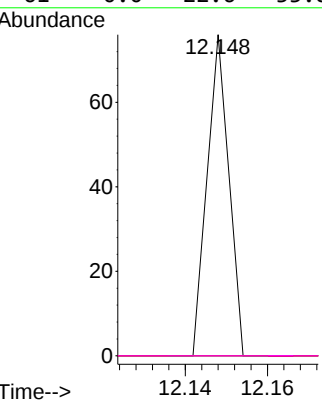
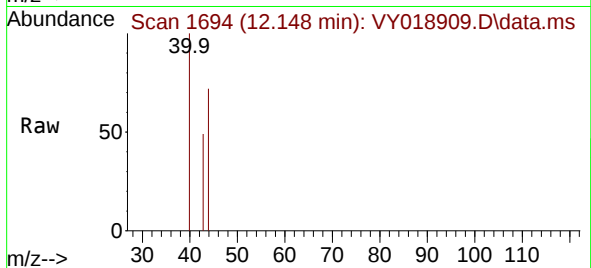
Ion Ratio Lower Upper

43 100

70 0.0 41.4 62.2#

55 0.0 23.3 34.9#

61 0.0 22.6 33.8#



#95

Naphthalene

Concen: 8.643 ug/l

RT: 15.227 min Scan# 2199

Delta R.T. -0.006 min

Lab File: VY018909.D

Acq: 24 Jul 2024 14:23

Tgt Ion:128 Resp: 22

Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

129 0.0 8.6 13.0#

