

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071024\
 Data File : VY018766.D
 Acq On : 10 Jul 2024 14:21
 Operator : SY/MD
 Sample : P3170-03
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 11 02:24:12 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)

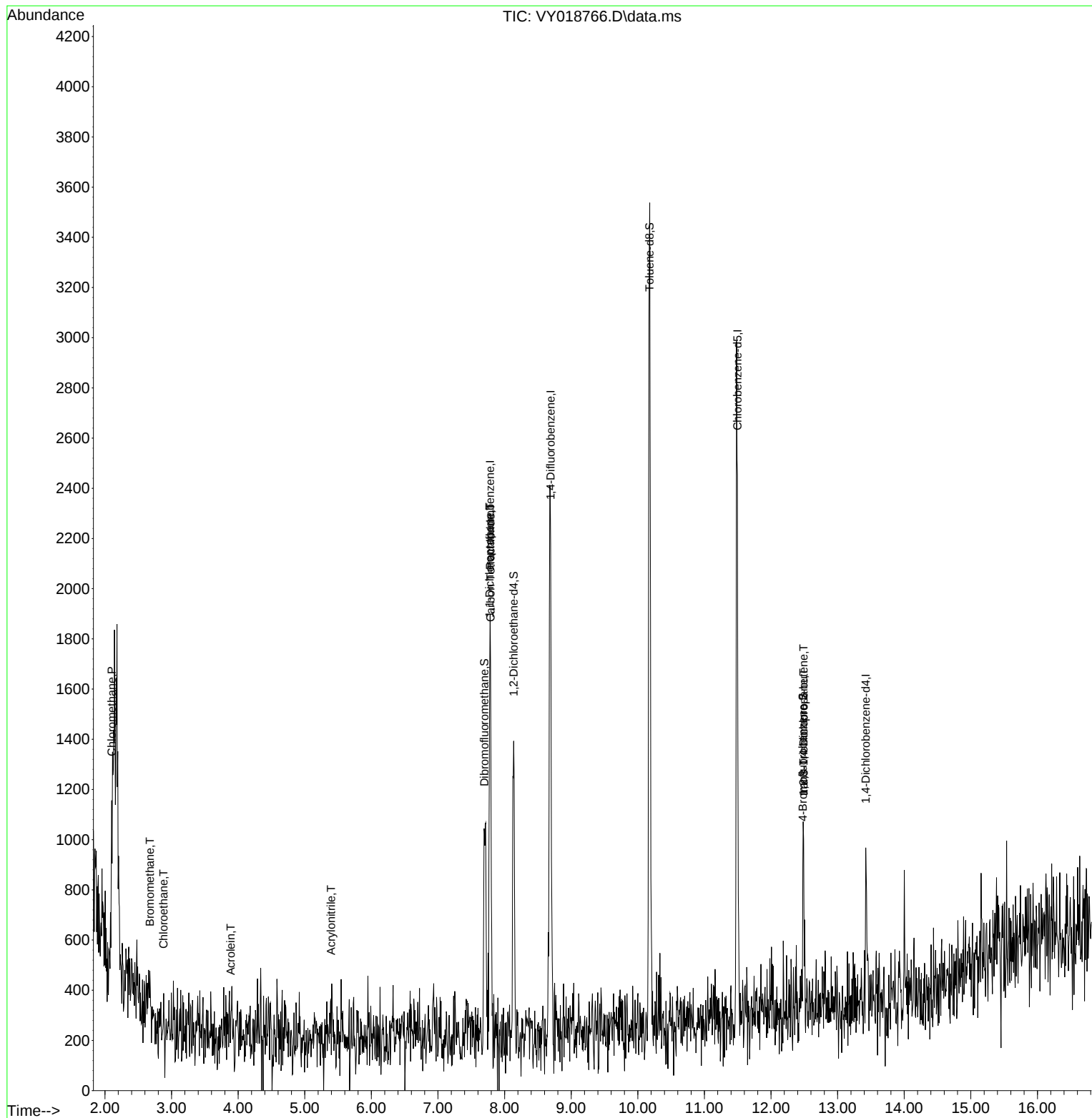
Internal Standards						
1) Pentafluorobenzene	7.783	168	1644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	2717	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.495	117	1813	50.000	ug/l	# 0.01
72) 1,4-Dichlorobenzene-d4	13.422	152	222	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	837	51.739	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.480%	
35) Dibromofluoromethane	7.697	113	412	24.211	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 48.420%#	
50) Toluene-d8	10.178	98	2763	42.856	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 85.720%	
62) 4-Bromofluorobenzene	12.477	95	403	18.304	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 36.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.101	50	71	3.392	ug/l #	43
5) Bromomethane	2.674	94	34	2.018	ug/l #	3
6) Chloroethane	2.881	64	37	2.326	ug/l #	42
13) Acrolein	3.887	56	20	15.233	ug/l #	15
15) Acrylonitrile	5.393	53	21	6.825	ug/l #	18
36) 1,1-Dichloropropene	7.776	75	31	1.320	ug/l #	40
38) Carbon Tetrachloride	7.789	117	97	3.429	ug/l #	13
76) 1,2,3-Trichloropropane	12.489	75	48	27.606	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	48	61.784	ug/l #	16

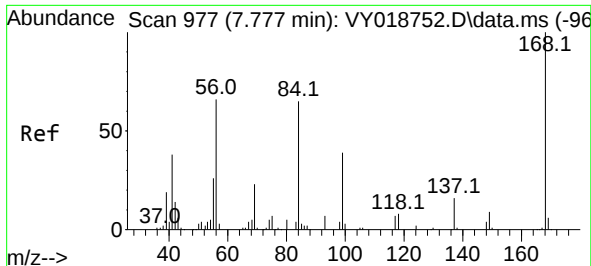
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071024\
Data File : VY018766.D
Acq On : 10 Jul 2024 14:21
Operator : SY/MD
Sample : P3170-03
Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

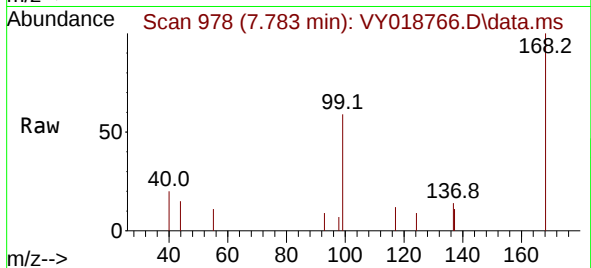
Quant Time: Jul 11 02:24:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 09 14:28:51 2024
Response via : Initial Calibration



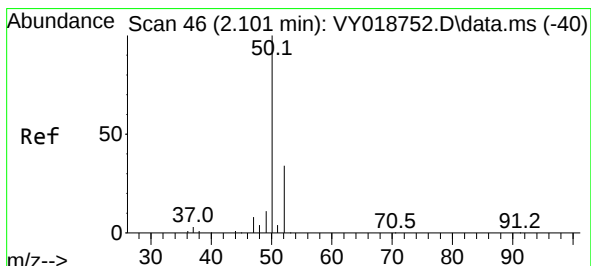
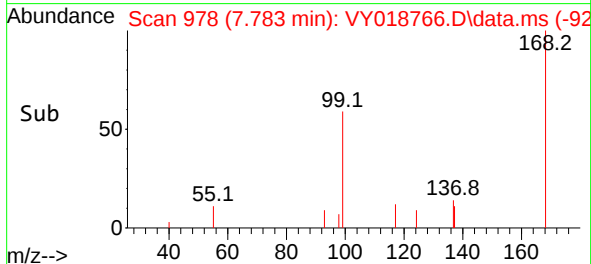
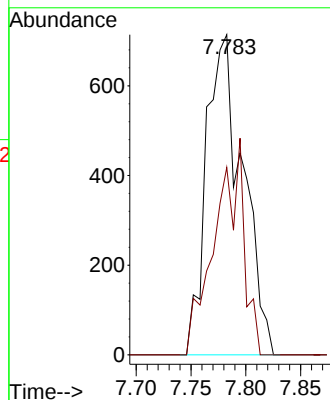


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018766.D
Acq: 10 Jul 2024 14:21

Instrument :
MSVOA_Y
ClientSampleId :

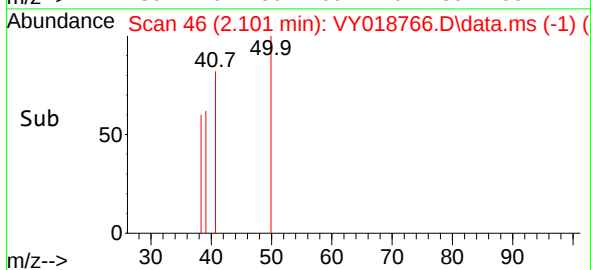
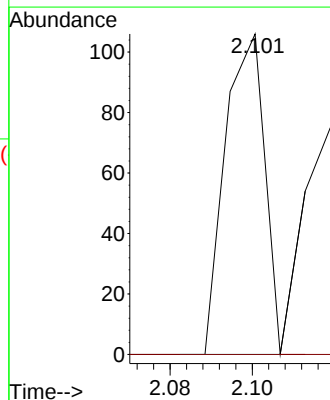
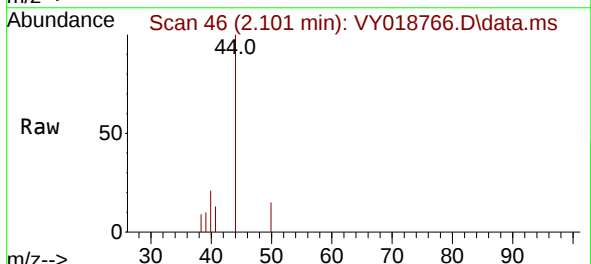


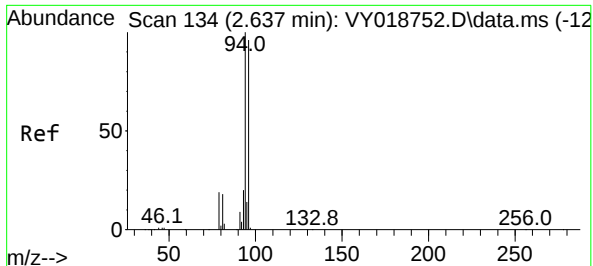
Tgt Ion:168 Resp: 1644
Ion Ratio Lower Upper
168 100
99 58.5 39.1 58.7



#3
Chloromethane
Concen: 3.392 ug/l
RT: 2.101 min Scan# 46
Delta R.T. -0.000 min
Lab File: VY018766.D
Acq: 10 Jul 2024 14:21

Tgt Ion: 50 Resp: 71
Ion Ratio Lower Upper
50 100
52 0.0 25.6 38.4#

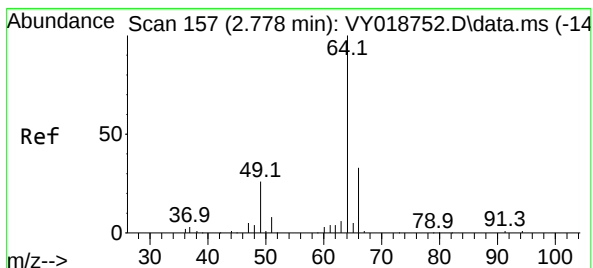
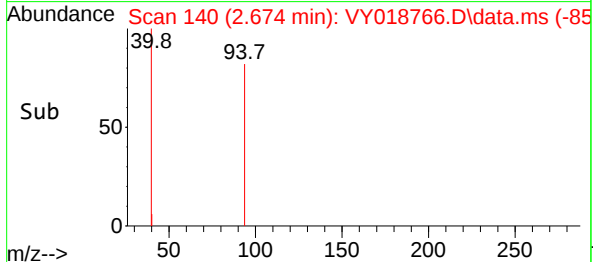
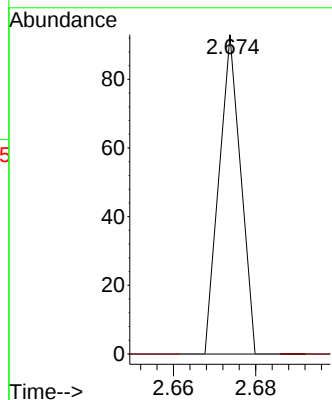
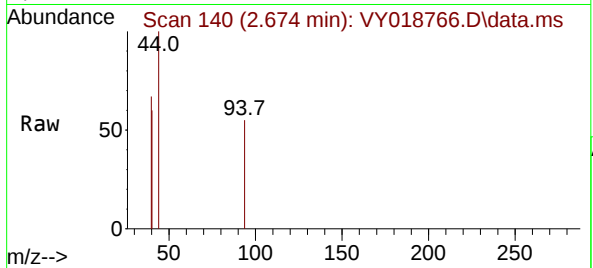




#5
Bromomethane
Concen: 2.018 ug/l
RT: 2.674 min Scan# 14
Delta R.T. 0.036 min
Lab File: VY018766.D
Acq: 10 Jul 2024 14:21

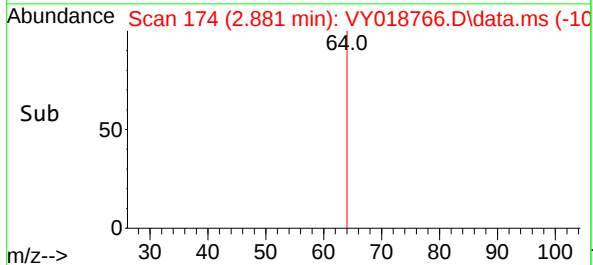
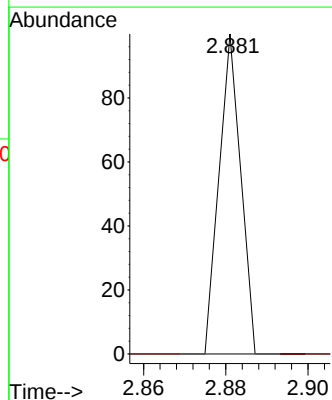
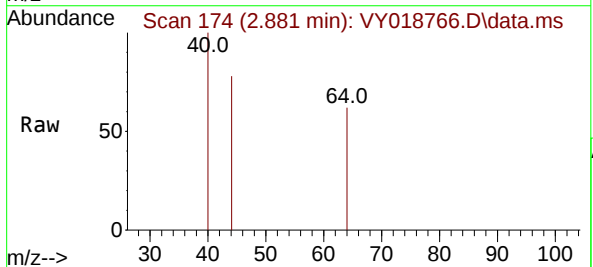
Instrument :
MSVOA_Y
ClientSampleId :

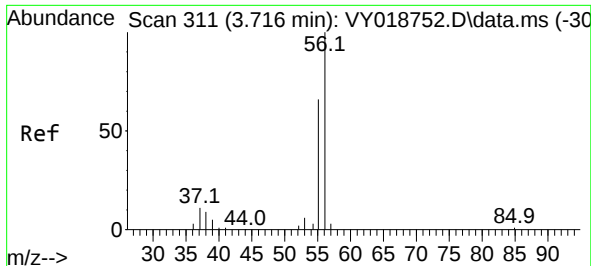
Tgt Ion: 94 Resp: 34
Ion Ratio Lower Upper
94 100
96 0.0 74.1 111.1#



#6
Chloroethane
Concen: 2.326 ug/l
RT: 2.881 min Scan# 174
Delta R.T. 0.103 min
Lab File: VY018766.D
Acq: 10 Jul 2024 14:21

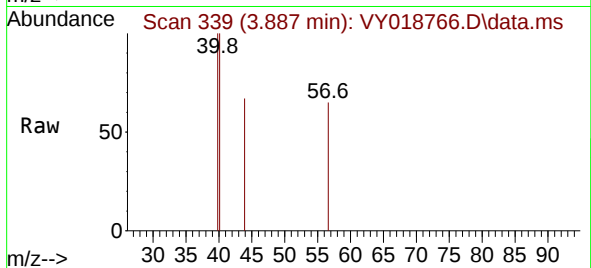
Tgt Ion: 64 Resp: 37
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#



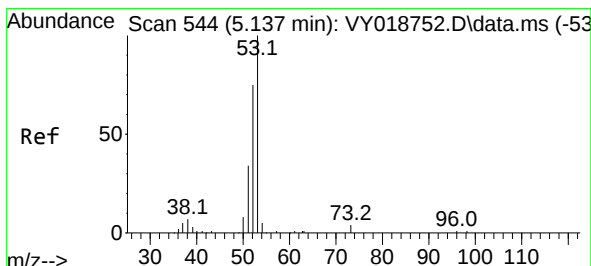
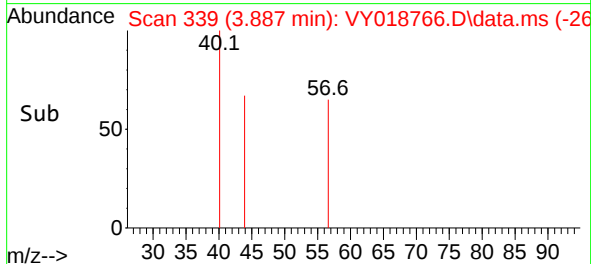
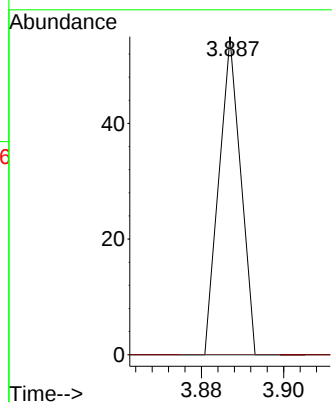


#13
Acrolein
Concen: 15.233 ug/l
RT: 3.887 min Scan# 311
Delta R.T. 0.170 min
Lab File: VY018766.D
Acq: 10 Jul 2024 14:21

Instrument :
MSVOA_Y
ClientSampleId :

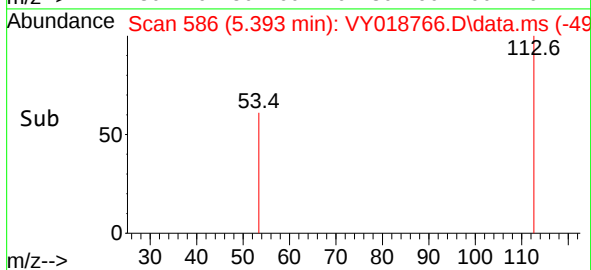
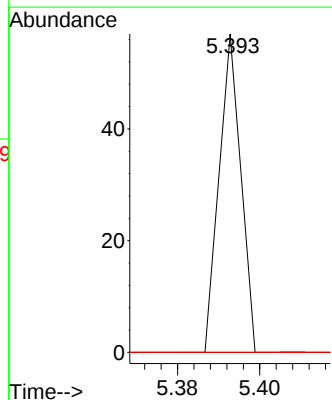
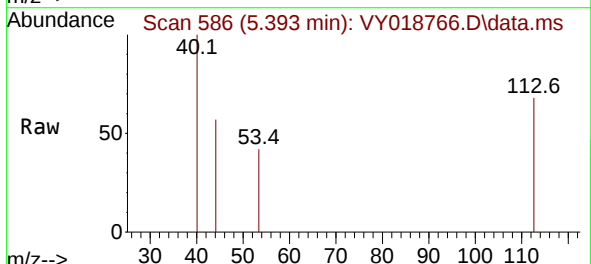


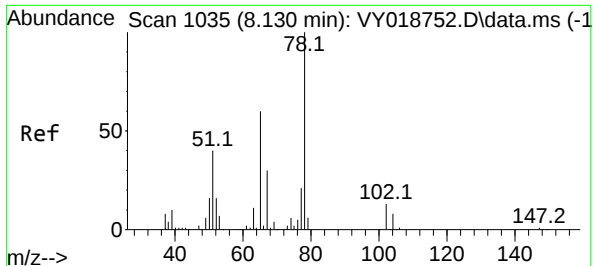
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#



#15
Acrylonitrile
Concen: 6.825 ug/l
RT: 5.393 min Scan# 586
Delta R.T. 0.256 min
Lab File: VY018766.D
Acq: 10 Jul 2024 14:21

Tgt Ion: 53 Resp: 21
Ion Ratio Lower Upper
53 100
52 0.0 64.7 97.1#
51 0.0 28.4 42.6#





#33

1,2-Dichloroethane-d4

Concen: 51.739 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VY018766.D

Acq: 10 Jul 2024 14:21

Instrument :

MSVOA_Y

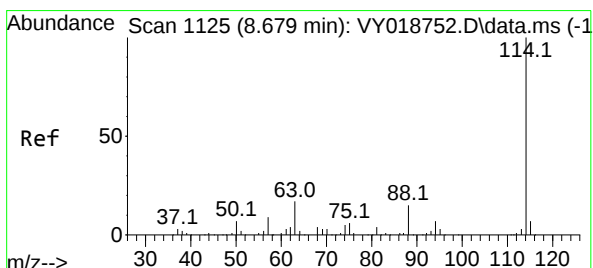
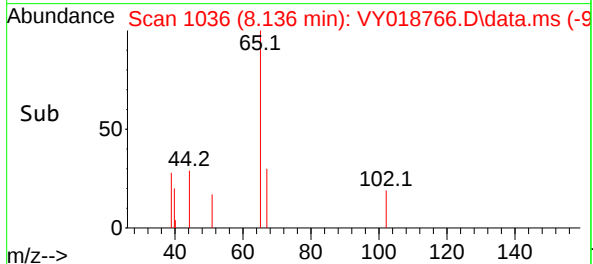
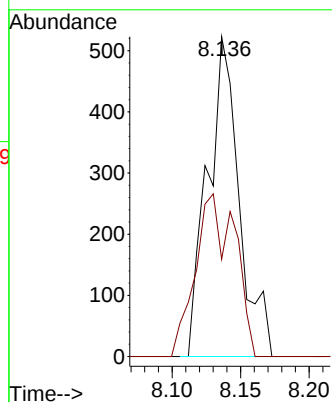
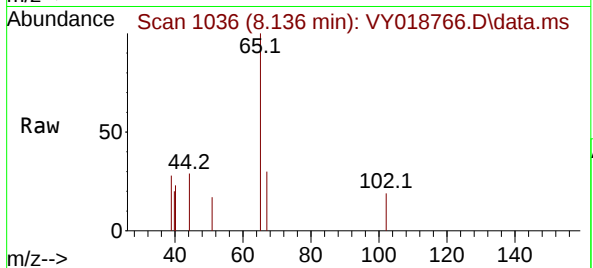
ClientSampleId :

Tgt Ion: 65 Resp: 837

Ion Ratio Lower Upper

65 100

67 63.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.012 min

Lab File: VY018766.D

Acq: 10 Jul 2024 14:21

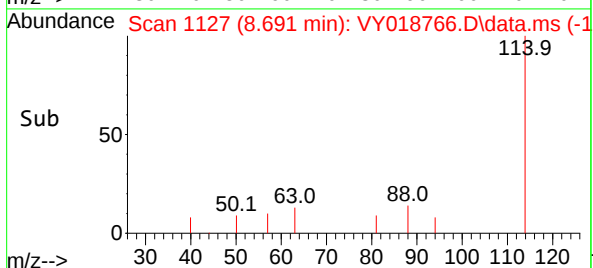
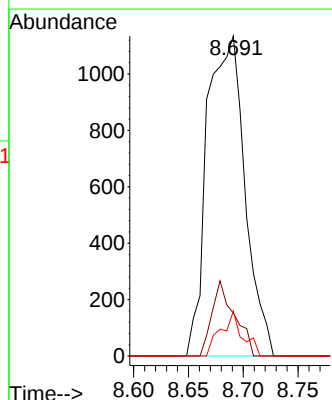
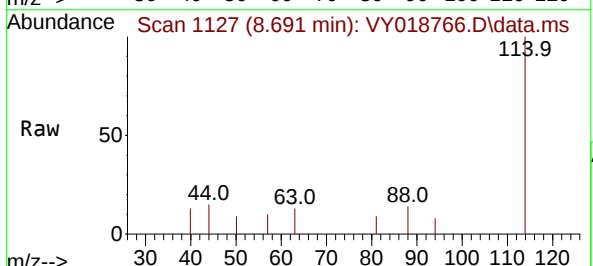
Tgt Ion: 114 Resp: 2717

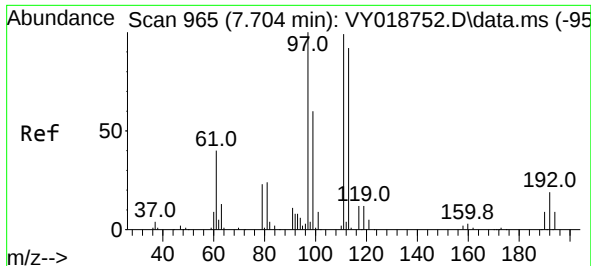
Ion Ratio Lower Upper

114 100

63 13.5 0.0 35.0

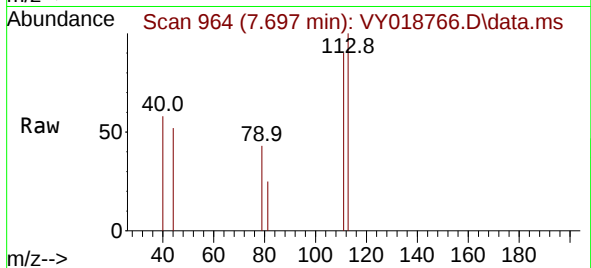
88 14.0 0.0 27.2



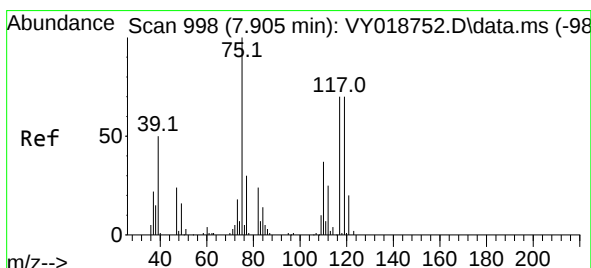
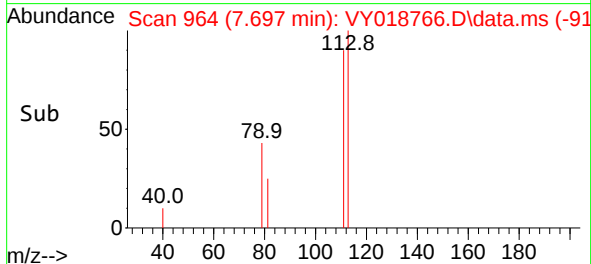
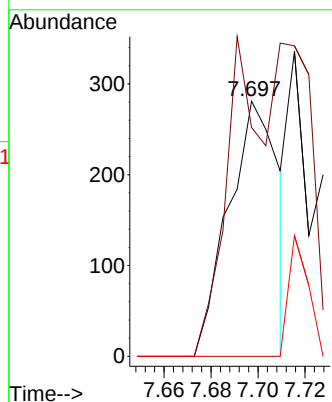


#35
Dibromofluoromethane
Concen: 24.211 ug/l
RT: 7.697 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY018766.D
Acq: 10 Jul 2024 14:21

Instrument :
MSVOA_Y
ClientSampleId :

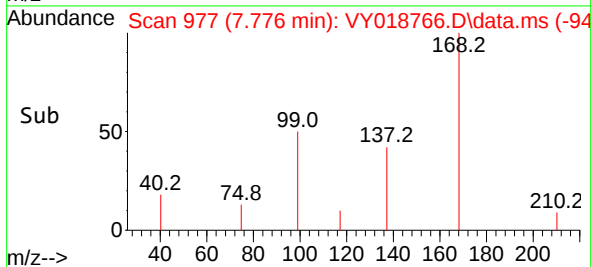
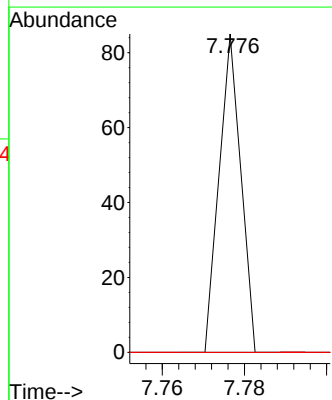
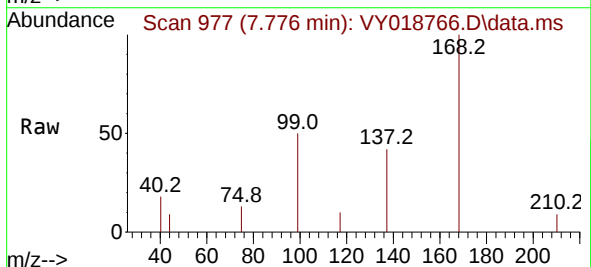


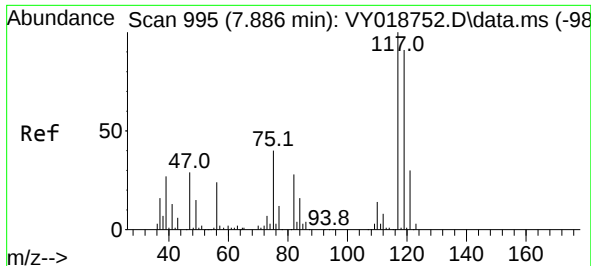
Tgt Ion:113 Resp: 412
Ion Ratio Lower Upper
113 100
111 184.7 82.2 123.4#
192 0.0 15.9 23.9#



#36
1,1-Dichloropropene
Concen: 1.320 ug/l
RT: 7.776 min Scan# 977
Delta R.T. -0.128 min
Lab File: VY018766.D
Acq: 10 Jul 2024 14:21

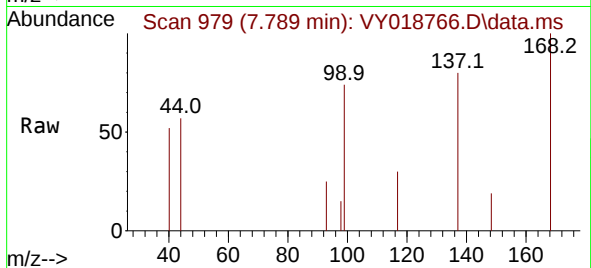
Tgt Ion: 75 Resp: 31
Ion Ratio Lower Upper
75 100
110 0.0 19.0 57.0#
77 0.0 25.3 37.9#



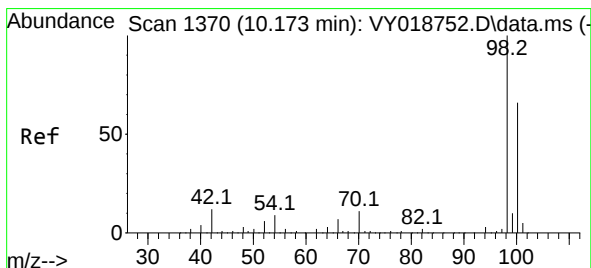
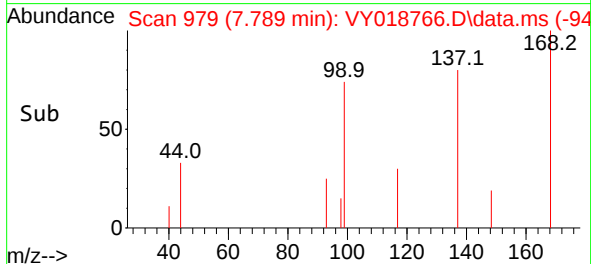
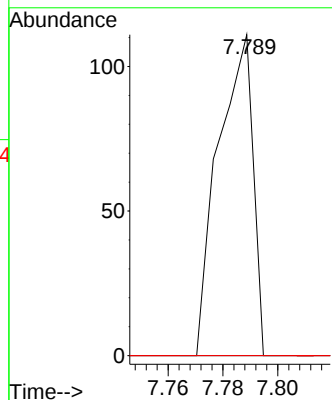


#38
Carbon Tetrachloride
Concen: 3.429 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.098 min
Lab File: VY018766.D
Acq: 10 Jul 2024 14:21

Instrument :
MSVOA_Y
ClientSampleId :

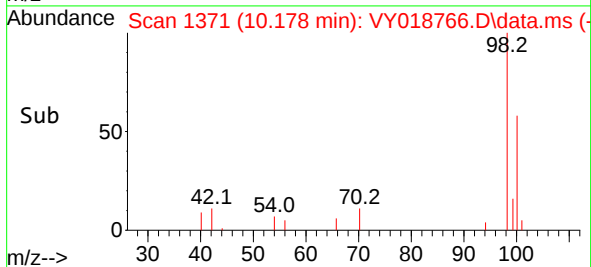
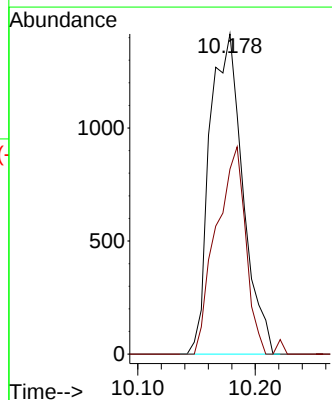
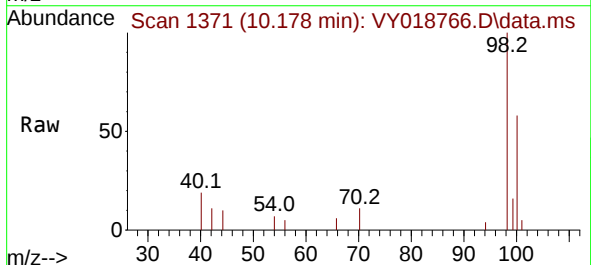


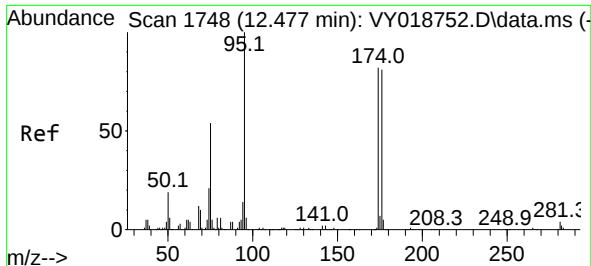
Tgt Ion:117 Resp: 97
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 42.856 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY018766.D
Acq: 10 Jul 2024 14:21

Tgt Ion: 98 Resp: 2763
Ion Ratio Lower Upper
98 100
100 57.7 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 18.304 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018766.D

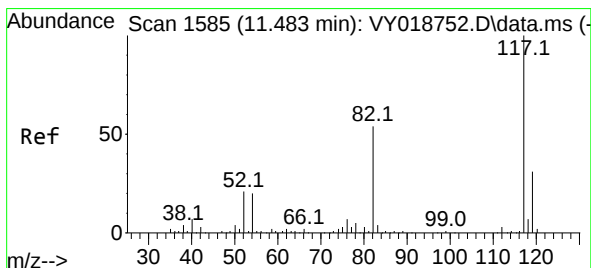
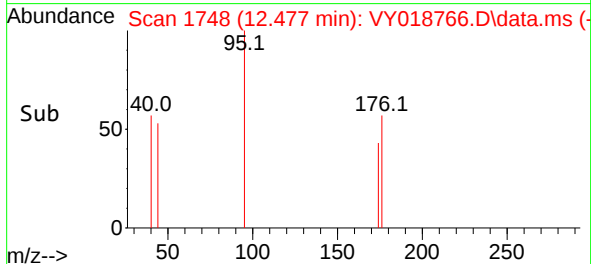
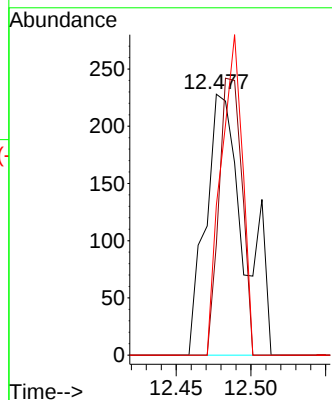
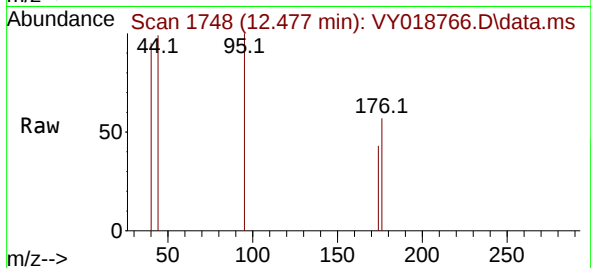
Acq: 10 Jul 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 95	Resp:	403
Ion Ratio	Lower	Upper
95	100	
174	64.5	0.0 175.6
176	69.7	0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

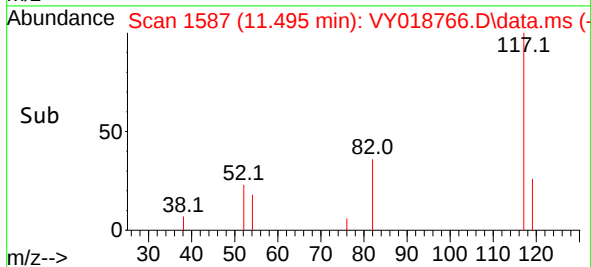
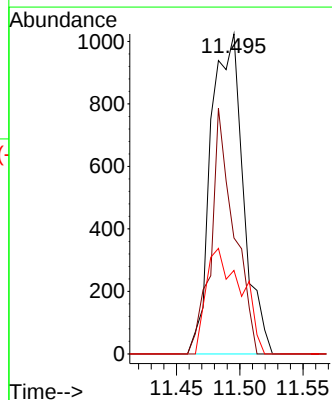
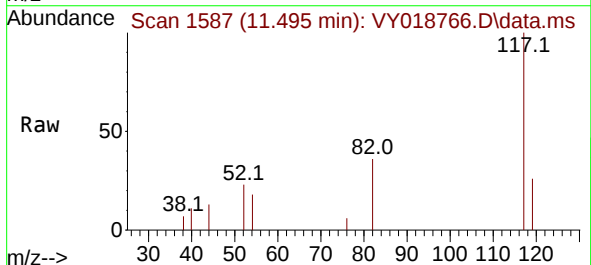
RT: 11.495 min Scan# 1587

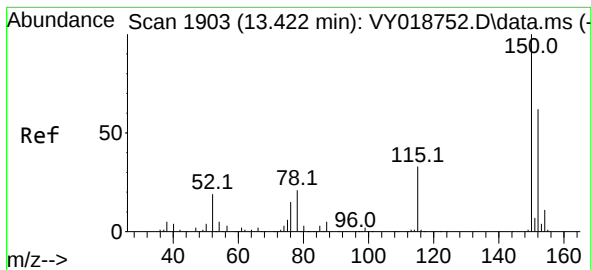
Delta R.T. 0.012 min

Lab File: VY018766.D

Acq: 10 Jul 2024 14:21

Tgt Ion: 117	Resp:	1813
Ion Ratio	Lower	Upper
117	100	
82	36.2	42.4 63.6#
119	26.1	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: VY018766.D

Acq: 10 Jul 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

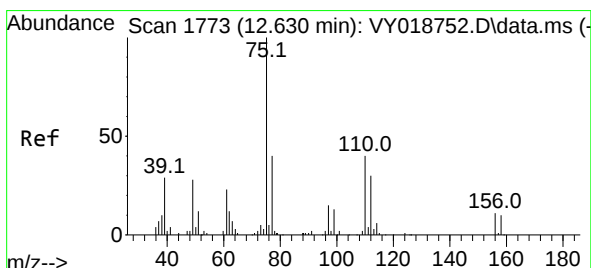
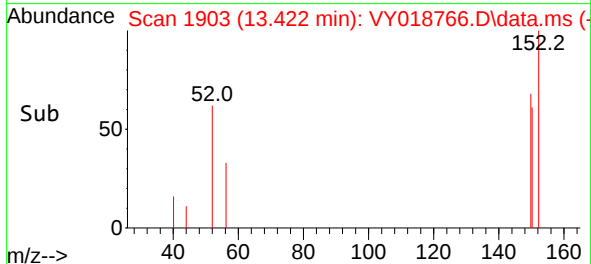
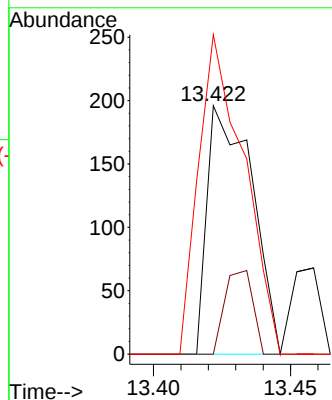
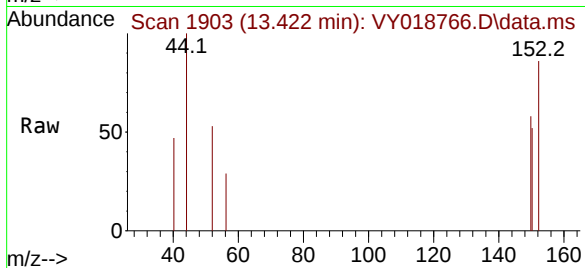
Tgt Ion:152 Resp: 222

Ion Ratio Lower Upper

152 100

115 21.2 28.2 84.7#

150 130.6 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 27.606 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.141 min

Lab File: VY018766.D

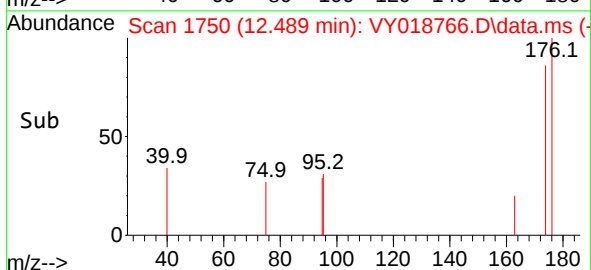
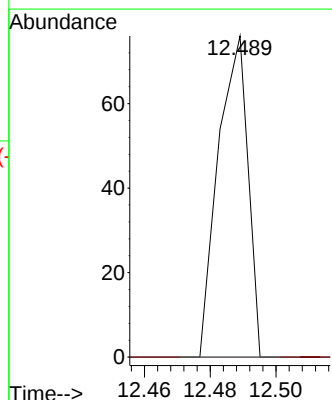
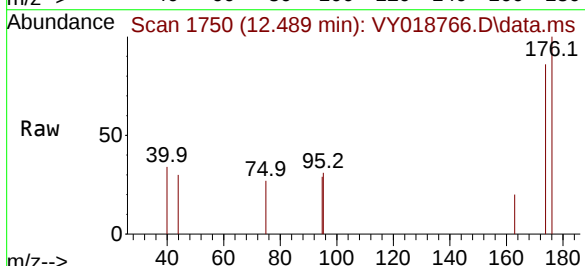
Acq: 10 Jul 2024 14:21

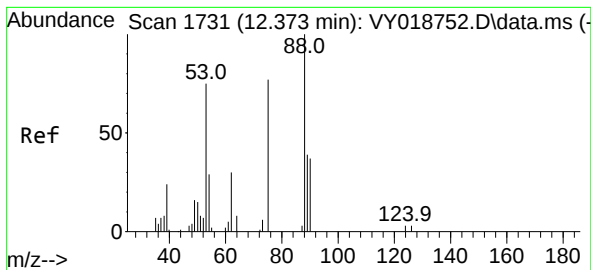
Tgt Ion: 75 Resp: 48

Ion Ratio Lower Upper

75 100

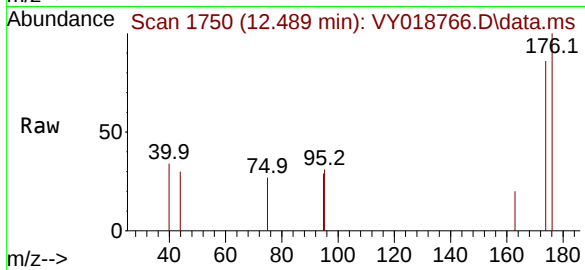
77 0.0 0.0 0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 61.784 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.116 min
Lab File: VY018766.D
Acq: 10 Jul 2024 14:21

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 48
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

