

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071824\
 Data File : VY018865.D
 Acq On : 18 Jul 2024 15:19
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 19 01:40:29 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)

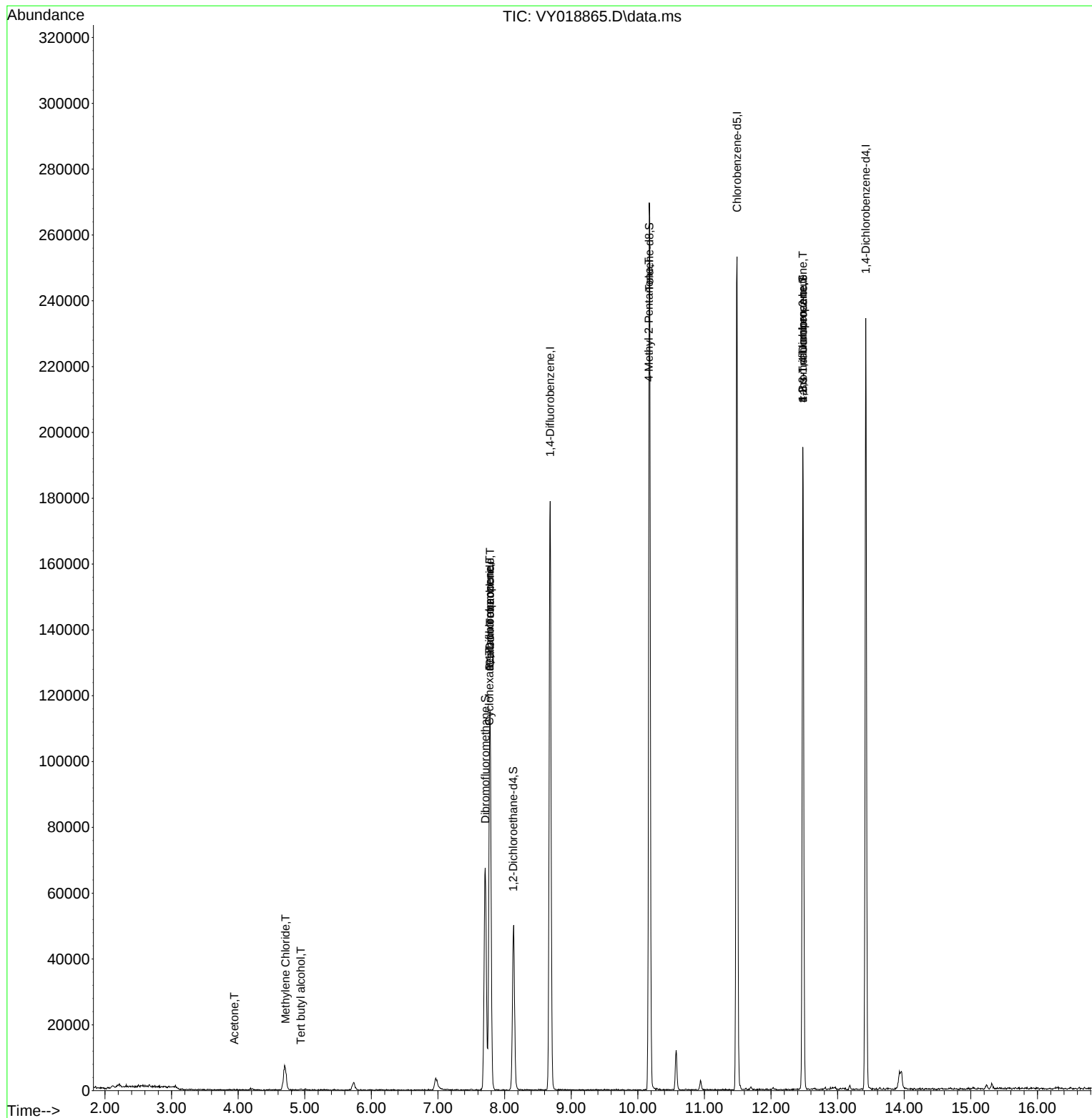
Internal Standards						
1) Pentafluorobenzene	7.777	168	92207	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	157605	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	142497	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	58761	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	39034	43.020	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.040%
35) Dibromofluoromethane	7.710	113	47084	47.699	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.400%
50) Toluene-d8	10.173	98	176537	47.205	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.420%
62) 4-Bromofluorobenzene	12.477	95	56814	44.485	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.980%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	199	2.165	ug/l #	88
16) Acetone	3.942	43	214	1.279	ug/l #	36
20) Methylene Chloride	4.710	84	5944	1.455	ug/l #	91
31) Cyclohexane	7.771	56	1930	1.385	ug/l #	57
36) 1,1-Dichloropropene	7.777	75	6627	4.865	ug/l #	50
38) Carbon Tetrachloride	7.783	117	9232	5.627	ug/l #	16
51) 4-Methyl-2-Pentanone	10.166	43	680	1.182	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	30830	66.989	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	30830	149.924	ug/l #	16

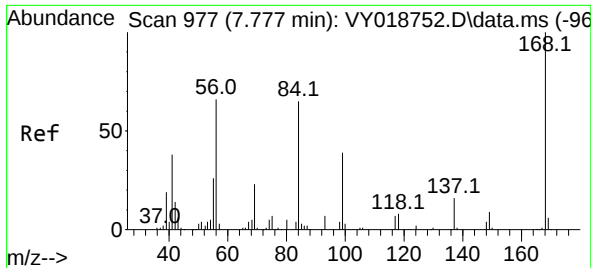
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071824\
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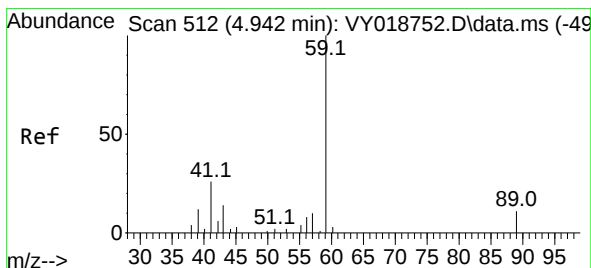
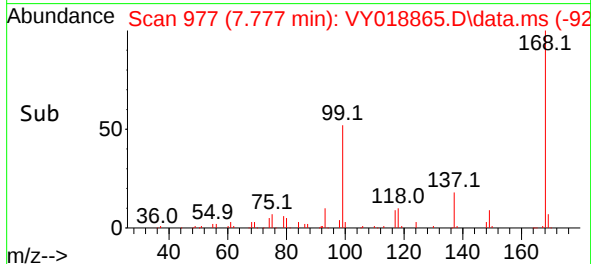
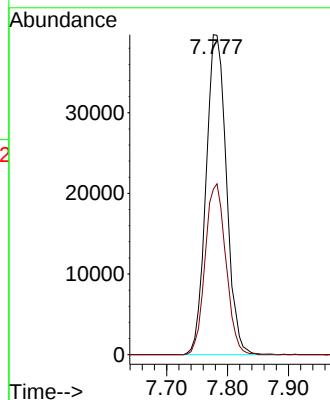
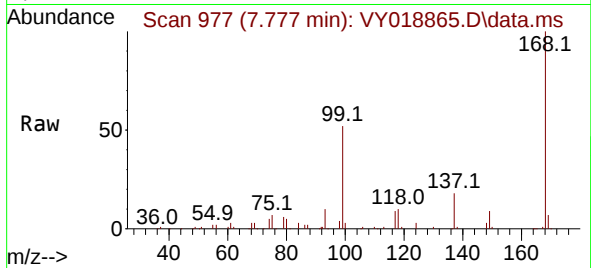




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018865.D
Acq: 18 Jul 2024 15:19

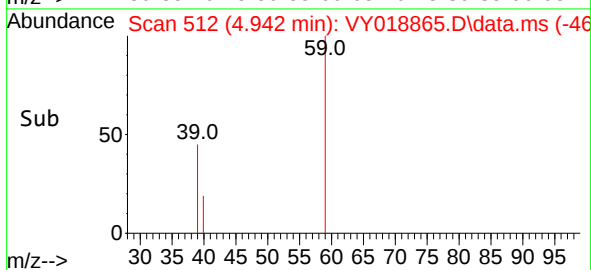
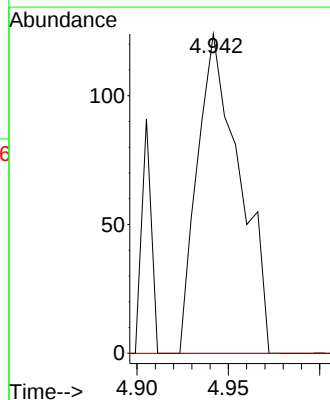
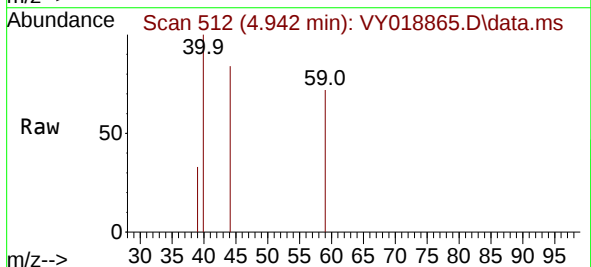
Instrument :
MSVOA_Y
ClientSampleId :

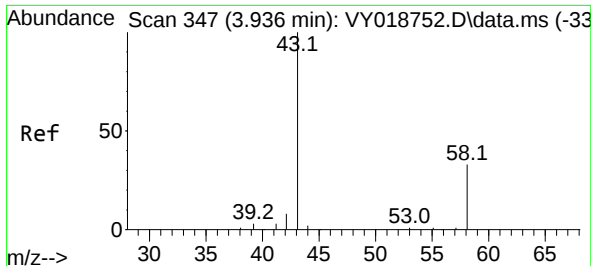
Tgt Ion:168 Resp: 92207
Ion Ratio Lower Upper
168 100
99 51.7 39.1 58.7



#11
Tert butyl alcohol
Concen: 2.165 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.000 min
Lab File: VY018865.D
Acq: 18 Jul 2024 15:19

Tgt Ion: 59 Resp: 199
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 1.279 ug/l

RT: 3.942 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY018865.D

Acq: 18 Jul 2024 15:19

Instrument :

MSVOA_Y

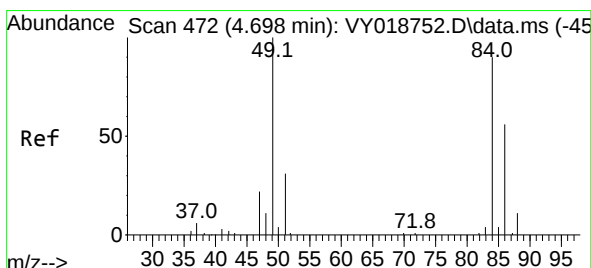
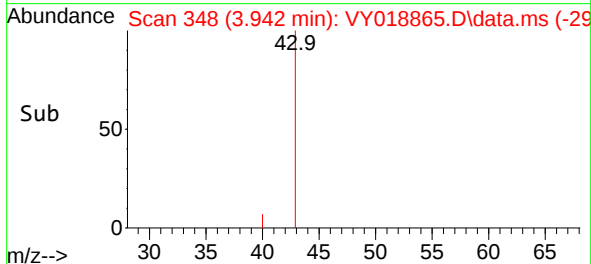
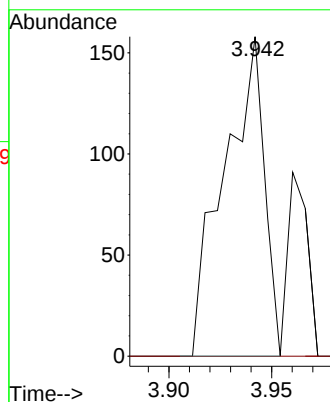
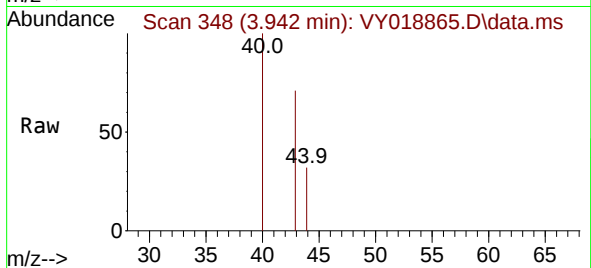
ClientSampleId :

Tgt Ion: 43 Resp: 214

Ion Ratio Lower Upper

43 100

58 0.0 31.7 47.5#



#20

Methylene Chloride

Concen: 1.455 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.012 min

Lab File: VY018865.D

Acq: 18 Jul 2024 15:19

Tgt Ion: 84 Resp: 5944

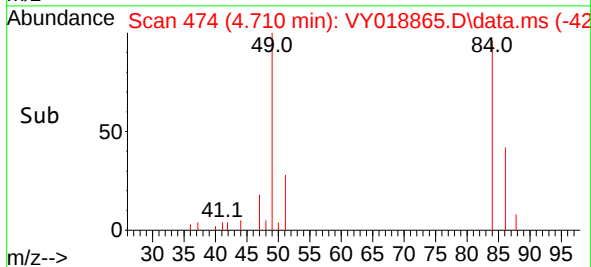
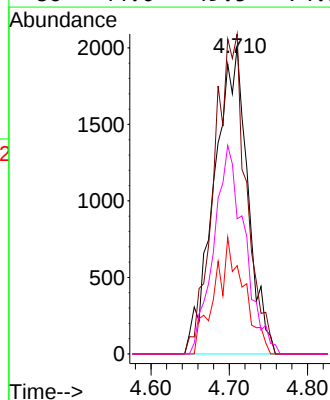
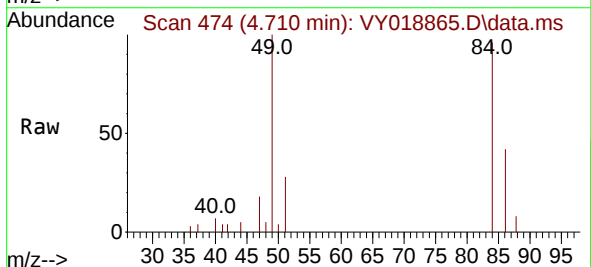
Ion Ratio Lower Upper

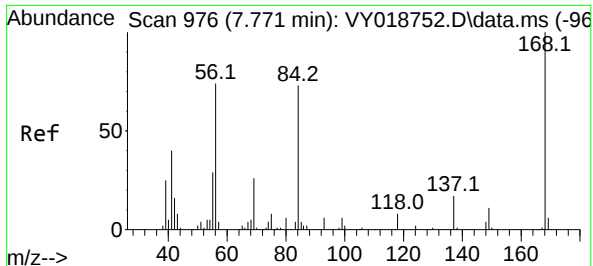
84 100

49 104.2 84.4 126.6

51 28.7 26.0 39.0

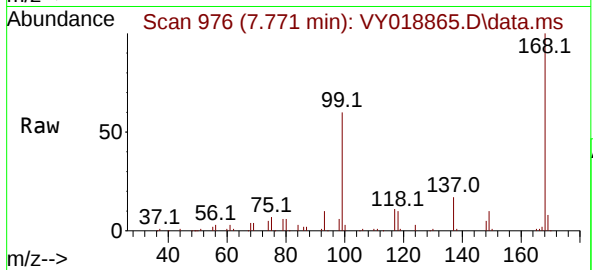
86 44.0 49.5 74.3#



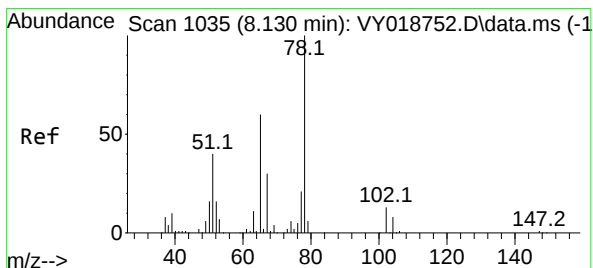
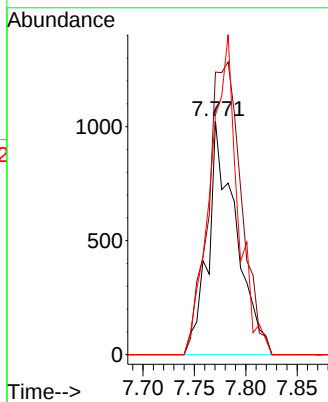
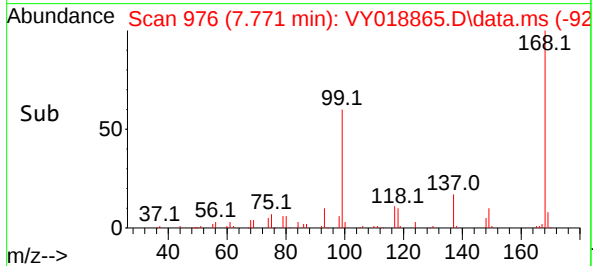


#31
Cyclohexane
Concen: 1.385 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018865.D
Acq: 18 Jul 2024 15:19

Instrument :
MSVOA_Y
ClientSampleId :

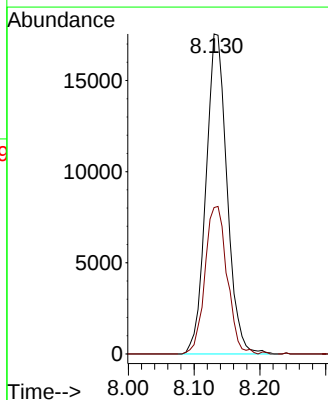
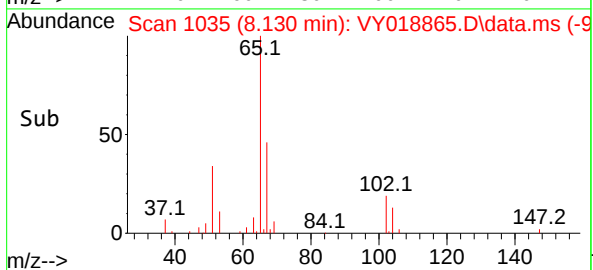
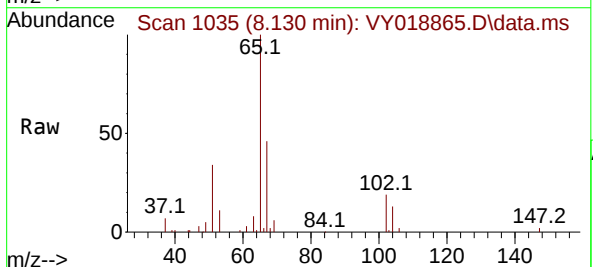


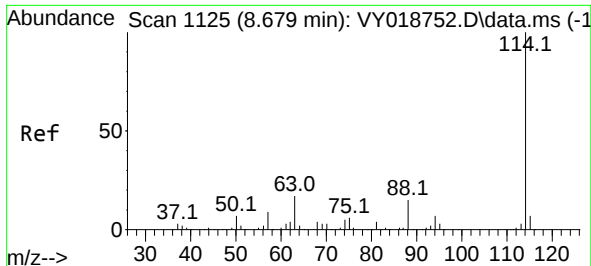
Tgt Ion: 56 Resp: 1930
Ion Ratio Lower Upper
56 100
69 121.1 28.7 43.1#
84 102.8 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 43.020 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VY018865.D
Acq: 18 Jul 2024 15:19

Tgt Ion: 65 Resp: 39034
Ion Ratio Lower Upper
65 100
67 48.6 0.0 109.6

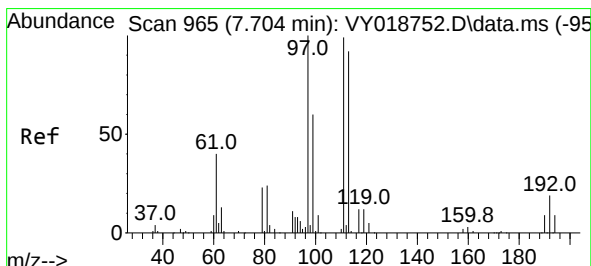
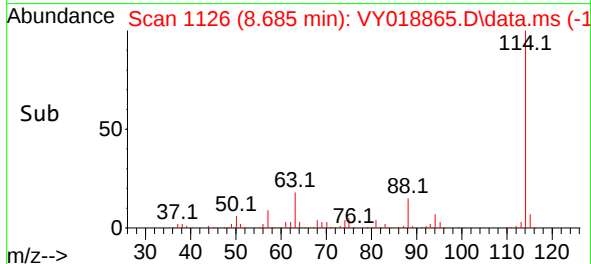
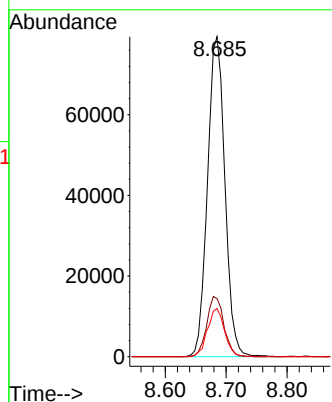
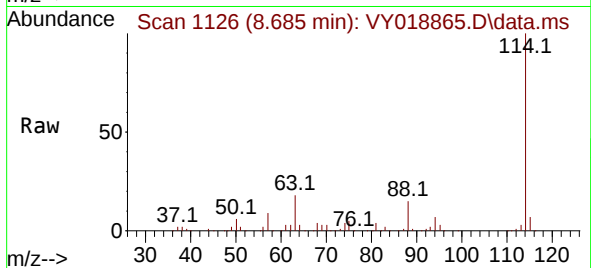




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY018865.D
Acq: 18 Jul 2024 15:19

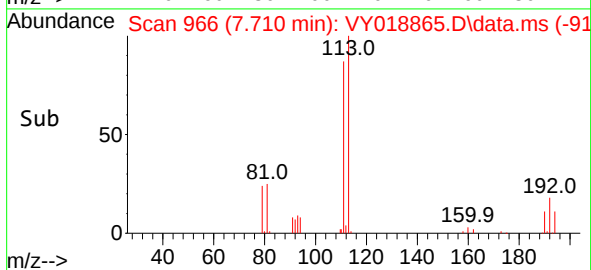
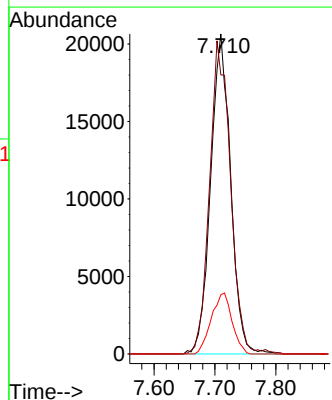
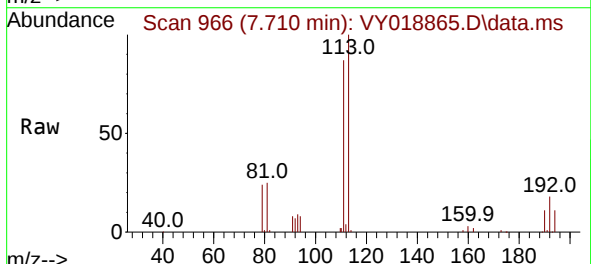
Instrument :
MSVOA_Y
ClientSampleId :

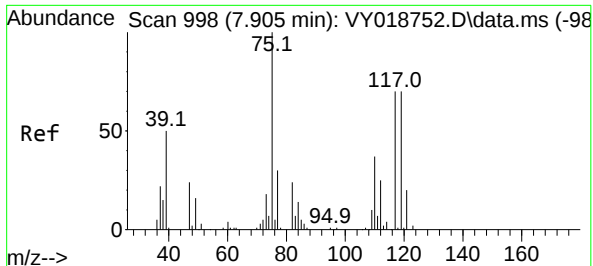
Tgt Ion:114 Resp: 157605
Ion Ratio Lower Upper
114 100
63 18.2 0.0 35.0
88 15.1 0.0 27.2



#35
Dibromofluoromethane
Concen: 47.699 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY018865.D
Acq: 18 Jul 2024 15:19

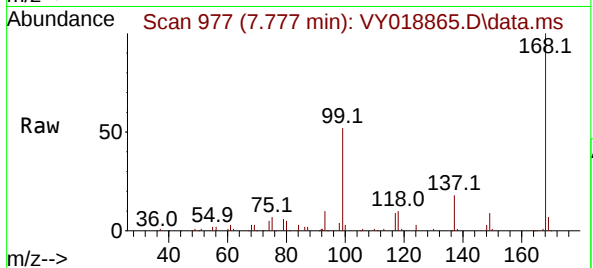
Tgt Ion:113 Resp: 47084
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 19.8 15.9 23.9



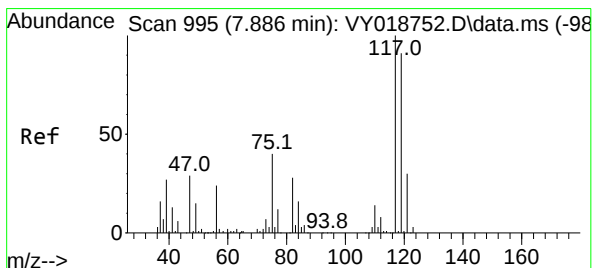
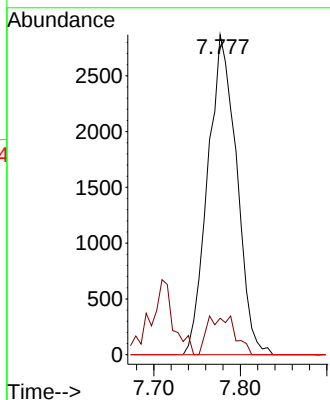
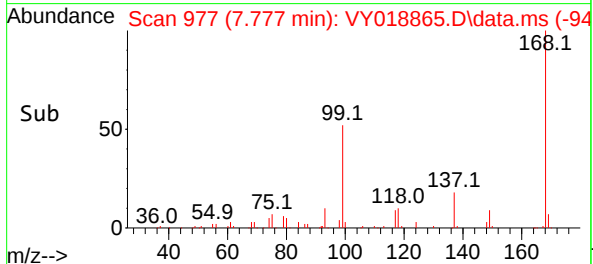


#36
1,1-Dichloropropene
Concen: 4.865 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY018865.D
Acq: 18 Jul 2024 15:19

Instrument :
MSVOA_Y
ClientSampleId :

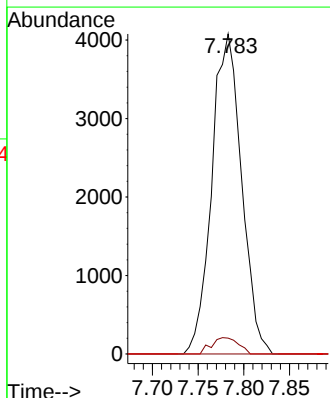
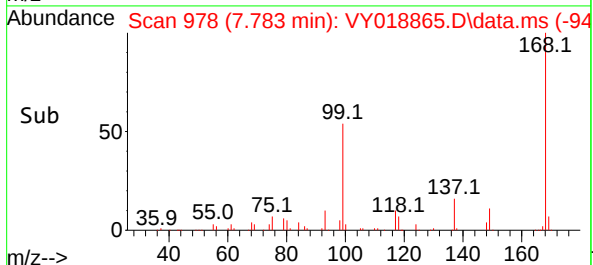
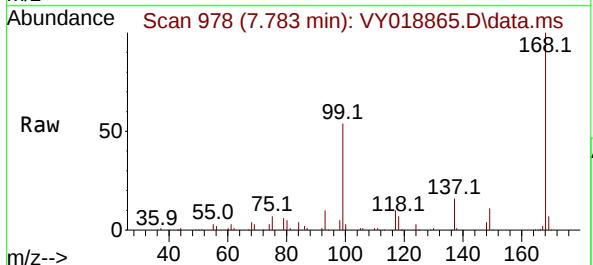


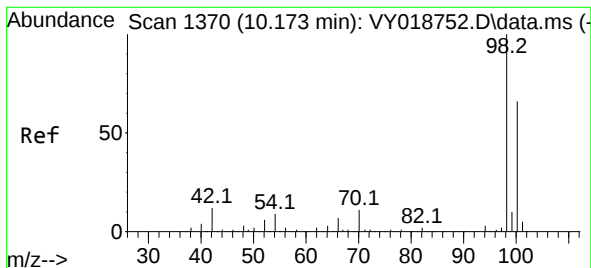
Tgt Ion: 75 Resp: 6627
Ion Ratio Lower Upper
75 100
110 11.6 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.627 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.104 min
Lab File: VY018865.D
Acq: 18 Jul 2024 15:19

Tgt Ion: 117 Resp: 9232
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.6#
121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 47.205 ug/l

RT: 10.173 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018865.D

Acq: 18 Jul 2024 15:19

Instrument :

MSVOA_Y

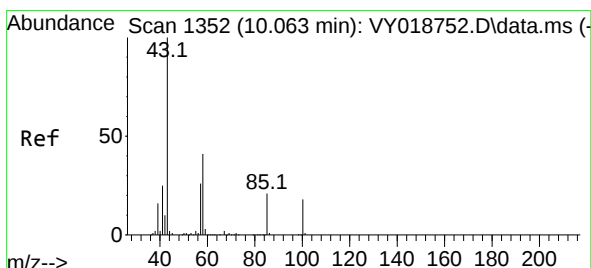
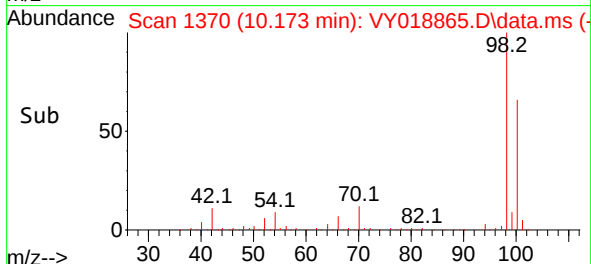
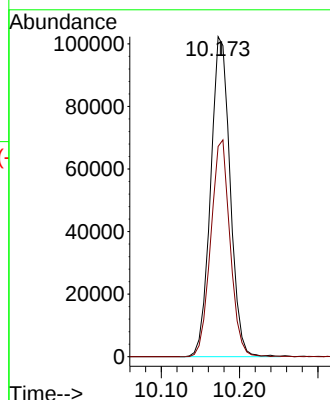
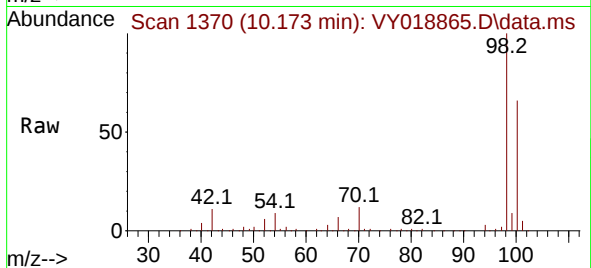
ClientSampleId :

Tgt Ion: 98 Resp: 176537

Ion Ratio Lower Upper

98 100

100 67.1 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 1.182 ug/l

RT: 10.166 min Scan# 1369

Delta R.T. 0.103 min

Lab File: VY018865.D

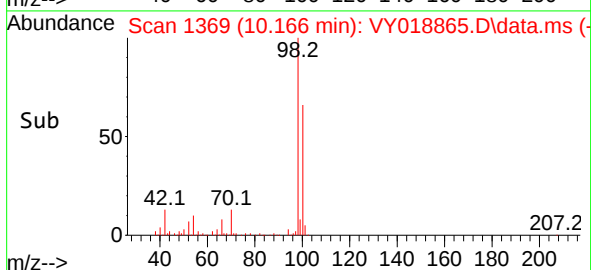
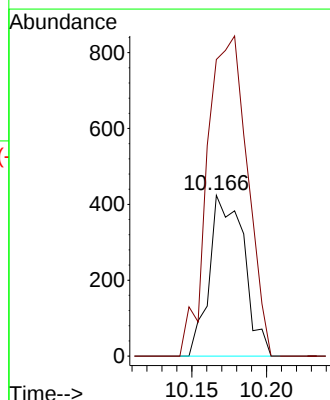
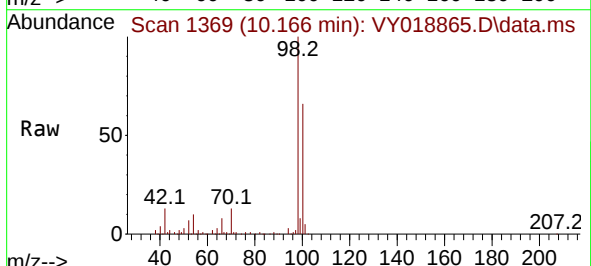
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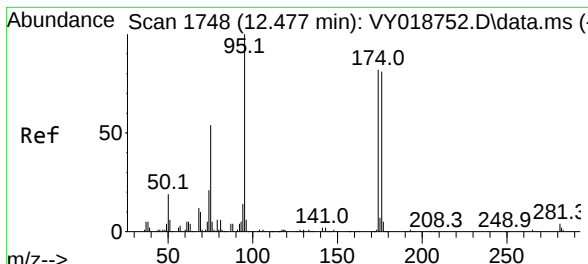
Tgt Ion: 43 Resp: 680

Ion Ratio Lower Upper

43 100

58 230.9 35.7 53.5#

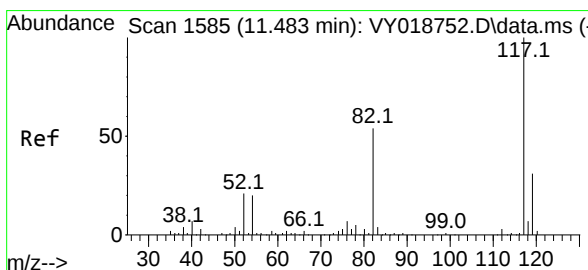
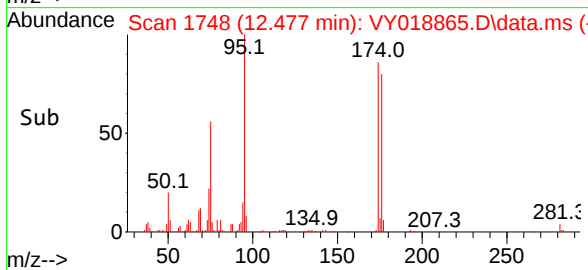
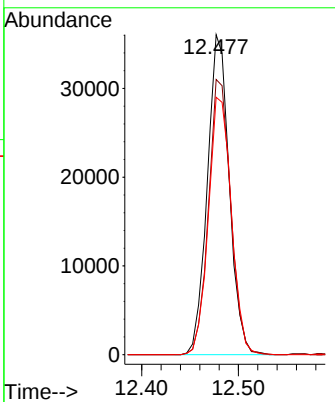
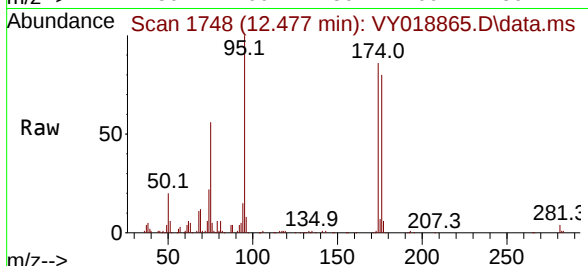




#62
4-Bromofluorobenzene
Concen: 44.485 ug/l
RT: 12.477 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY018865.D
Acq: 18 Jul 2024 15:19

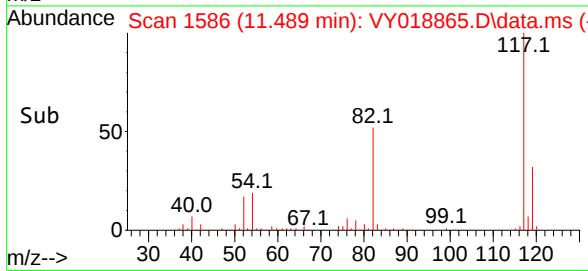
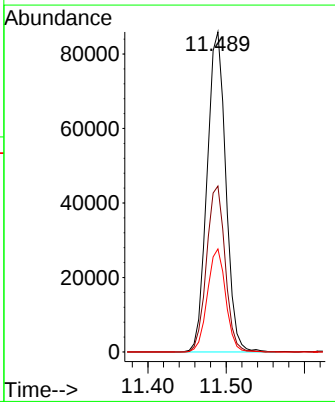
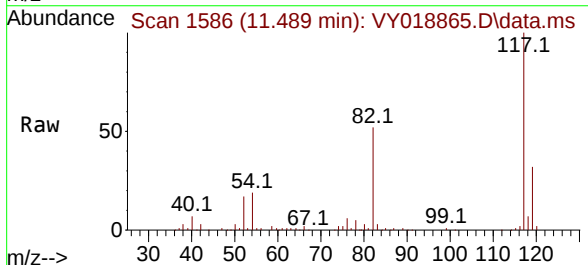
Instrument :
MSVOA_Y
ClientSampleId :

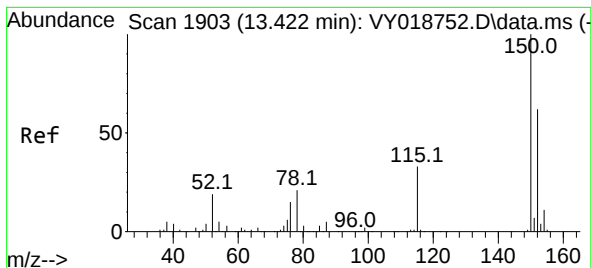
Tgt Ion:	95	Resp:	56814
Ion Ratio	Lower	Upper	
95	100		
174	87.0	0.0	175.6
176	84.0	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.006 min
Lab File: VY018865.D
Acq: 18 Jul 2024 15:19

Tgt Ion:	117	Resp:	142497
Ion Ratio	Lower	Upper	
117	100		
82	51.8	42.4	63.6
119	32.2	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: VY018865.D

Acq: 18 Jul 2024 15:19

Instrument :

MSVOA_Y

ClientSampleId :

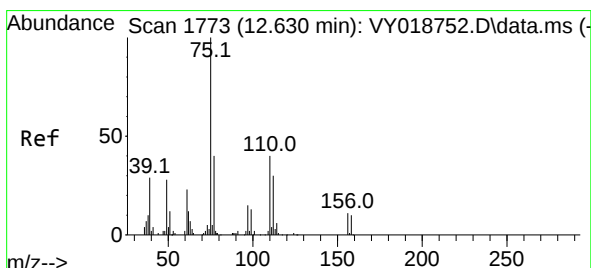
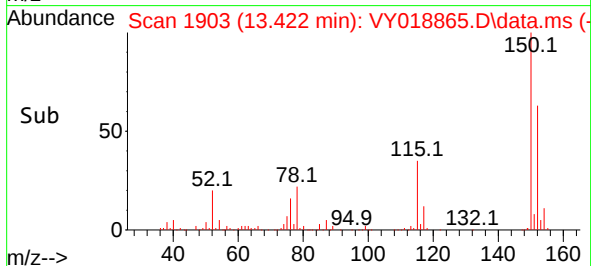
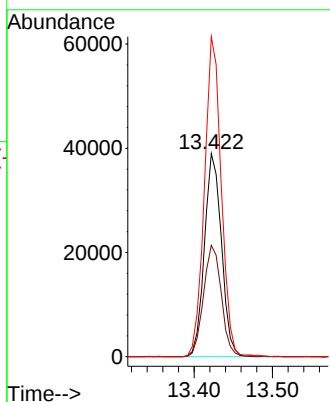
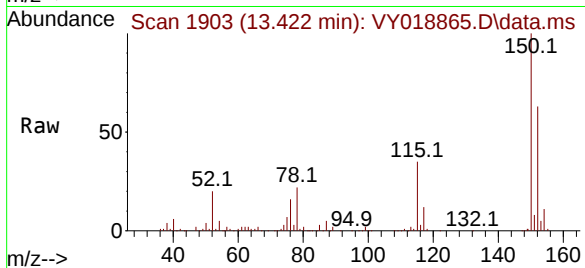
Tgt Ion:152 Resp: 58761

Ion Ratio Lower Upper

152 100

115 57.2 28.2 84.7

150 155.6 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 66.989 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY018865.D

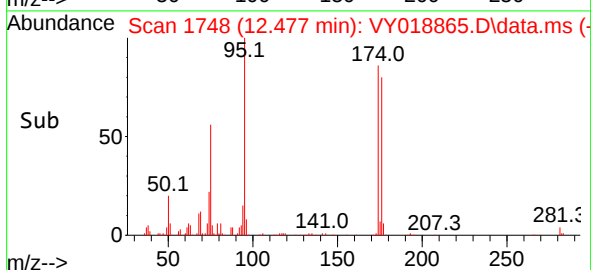
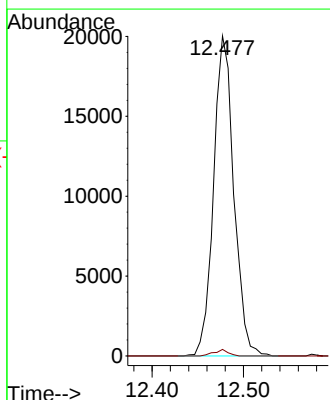
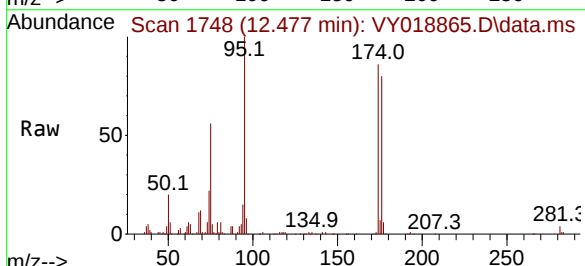
Acq: 18 Jul 2024 15:19

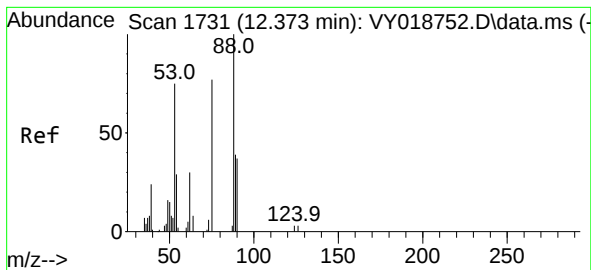
Tgt Ion: 75 Resp: 30830

Ion Ratio Lower Upper

75 100

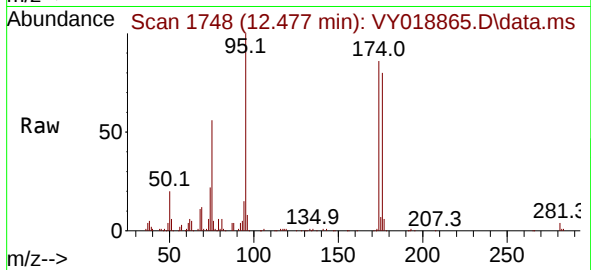
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 149.924 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018865.D
 Acq: 18 Jul 2024 15:19

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.1	35.8	53.6#

