

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061622\
 Data File : VY009211.D
 Acq On : 16 Jun 2022 18:50
 Operator : KP/MD
 Sample : N3301-03
 Misc : 7.88g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 17 02:28:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 16 02:54:06 2022
 Response via : Initial Calibration

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

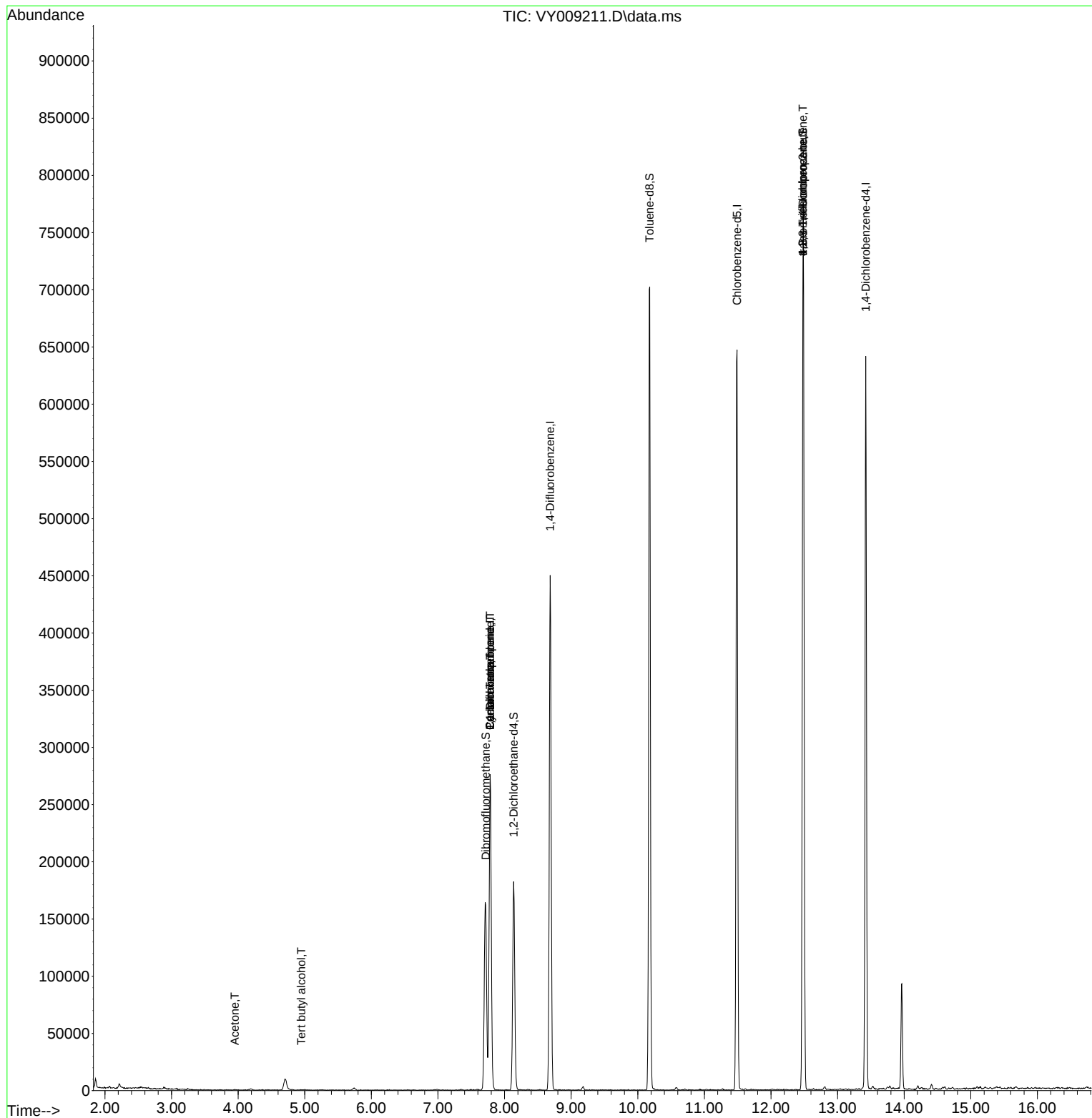
Internal Standards						
1) Pentafluorobenzene	7.783	168	216651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	387506	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	361093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	161844	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	134538	59.448	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.900%			
35) Dibromofluoromethane	7.716	113	119702	49.270	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.540%			
50) Toluene-d8	10.179	98	461058	49.853	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.700%			
62) 4-Bromofluorobenzene	12.477	95	161450	49.126	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.260%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.948	59	676	1.883	ug/l	99
13) Acrolein	3.692	56	26	Below Cal	#	14
16) Acetone	3.948	43	647	1.135	ug/l	# 47
18) Methyl Acetate	4.466	43	98	Below Cal	#	56
20) Methylene Chloride	4.704	84	6927	Below Cal	#	81
31) Cyclohexane	7.783	56	4380	1.080	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	15637	4.184	ug/l	# 50
38) Carbon Tetrachloride	7.783	117	20761	5.372	ug/l	# 15
76) 1,2,3-Trichloropropane	12.477	75	84859	47.486	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	84859	94.634	ug/l	# 8

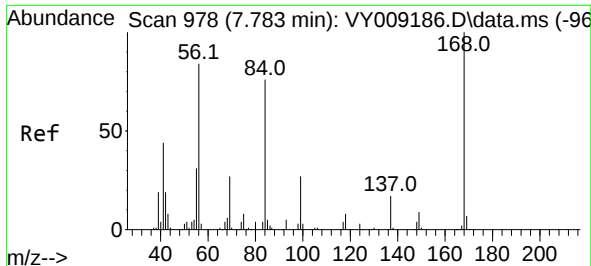
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061622\
Data File : VY009211.D
Acq On : 16 Jun 2022 18:50
Operator : KP/MD
Sample : N3301-03
Misc : 7.88g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jun 17 02:28:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 16 02:54:06 2022
Response via : Initial Calibration

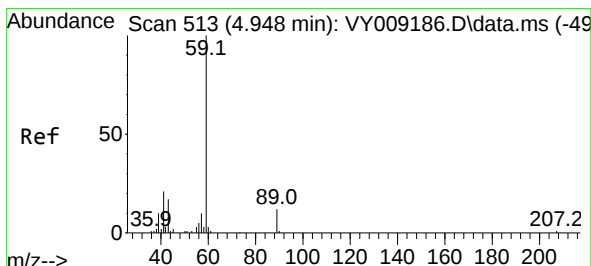
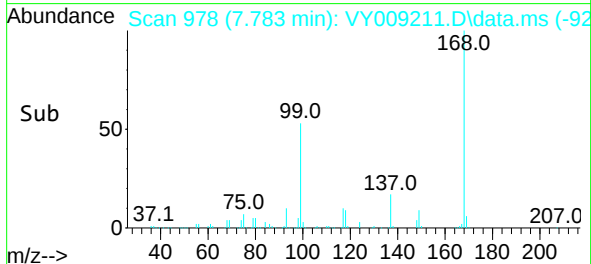
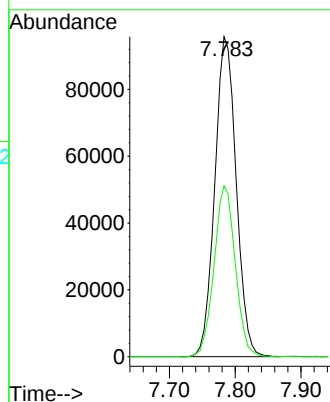
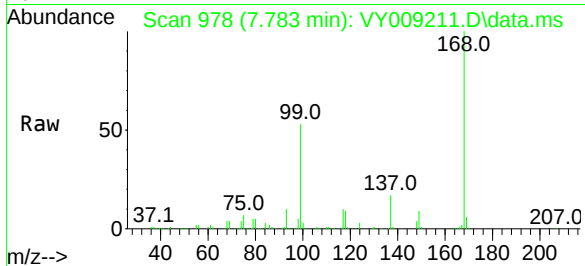




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009211.D
Acq: 16 Jun 2022 18:50

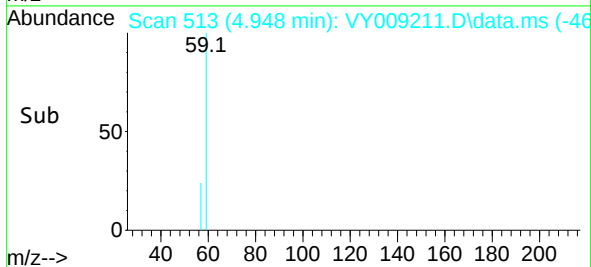
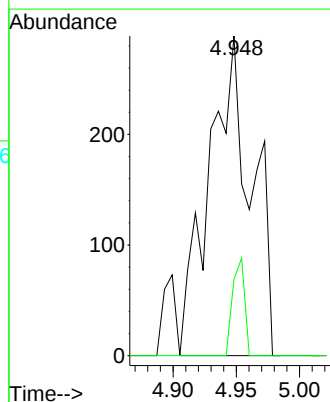
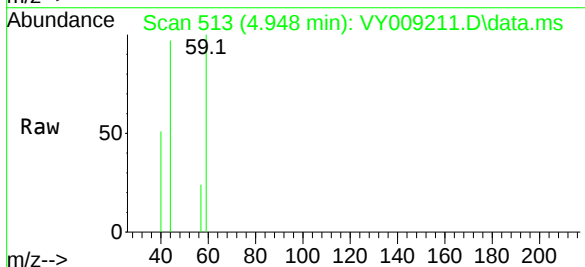
Instrument :
MSVOA_Y
ClientSampleId :

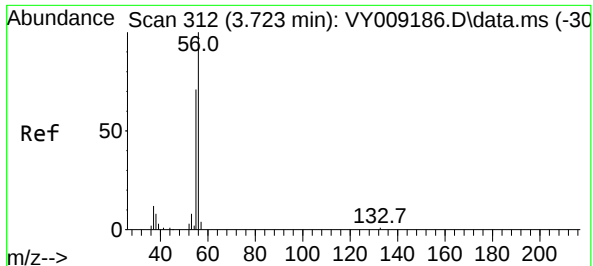
Tgt Ion:168 Resp: 216651
Ion Ratio Lower Upper
168 100
99 53.4 46.9 70.3



#11
Tert butyl alcohol
Concen: 1.883 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY009211.D
Acq: 16 Jun 2022 18:50

Tgt Ion: 59 Resp: 676
Ion Ratio Lower Upper
59 100
57 8.4 6.4 9.6





#13

Acrolein

Concen: Below Cal

RT: 3.692 min Scan# 307

Delta R.T. -0.031 min

Lab File: VY009211.D

Acq: 16 Jun 2022 18:50

Instrument :

MSVOA_Y

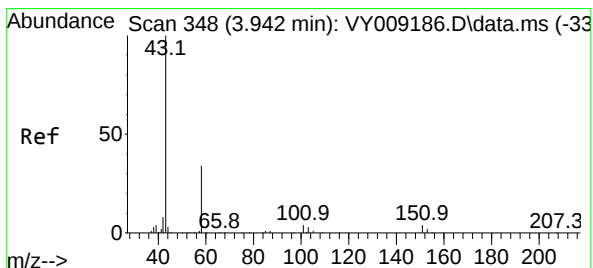
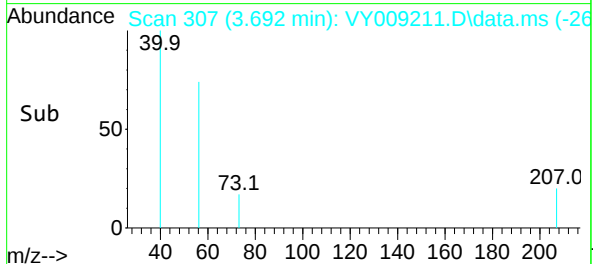
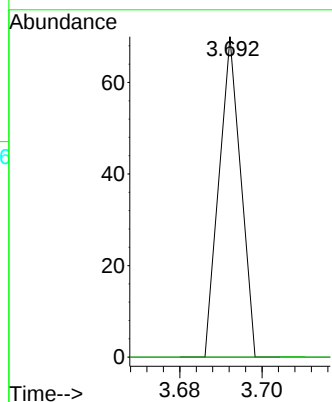
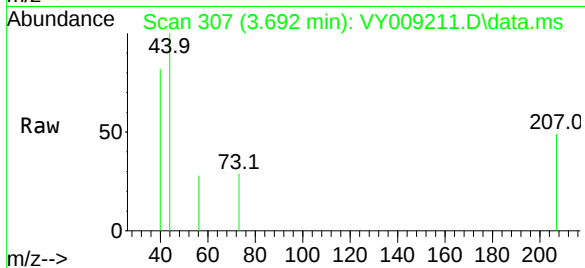
ClientSampleId :

Tgt Ion: 56 Resp: 26

Ion Ratio Lower Upper

56 100

55 0.0 57.6 86.4#



#16

Acetone

Concen: 1.135 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.006 min

Lab File: VY009211.D

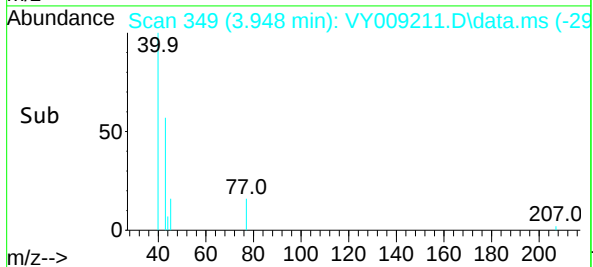
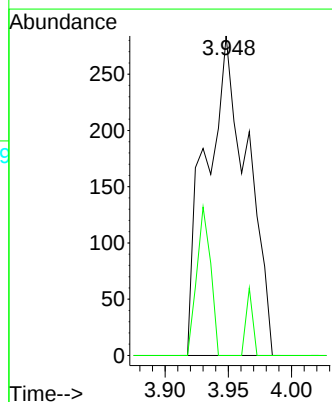
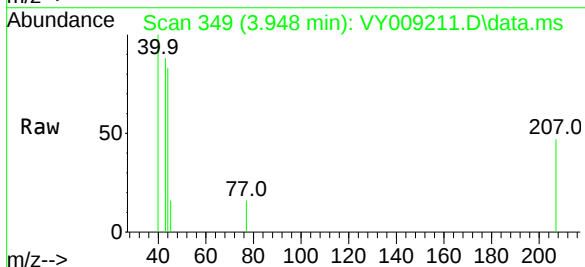
Acq: 16 Jun 2022 18:50

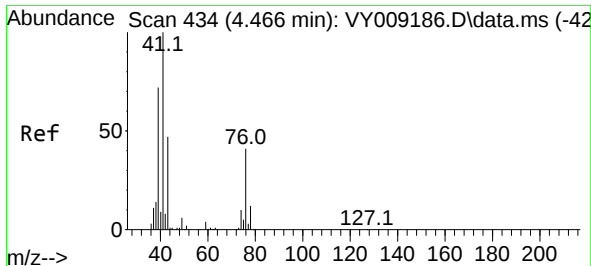
Tgt Ion: 43 Resp: 647

Ion Ratio Lower Upper

43 100

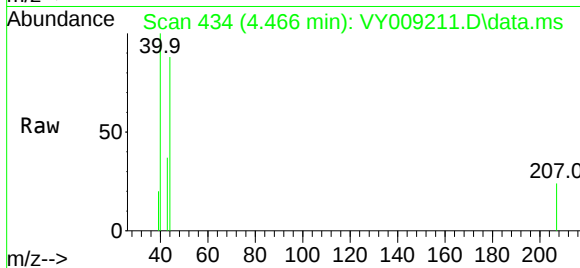
58 0.0 22.0 33.0#



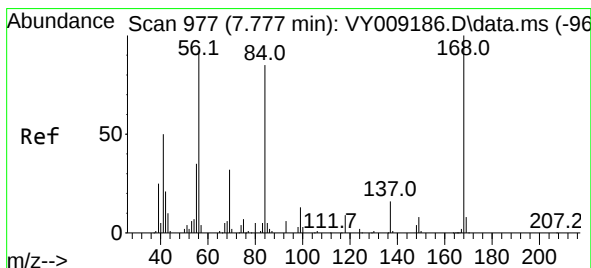
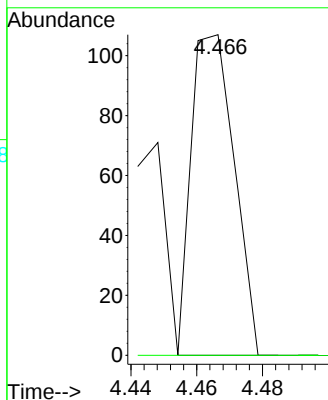
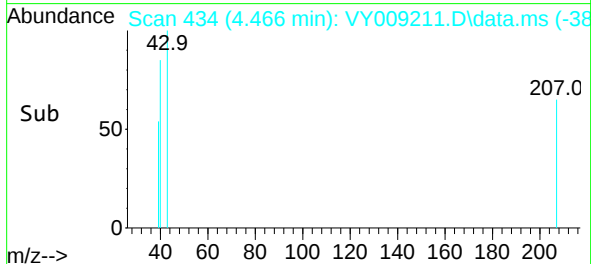


#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009211.D
Acq: 16 Jun 2022 18:50

Instrument :
MSVOA_Y
ClientSampleId :

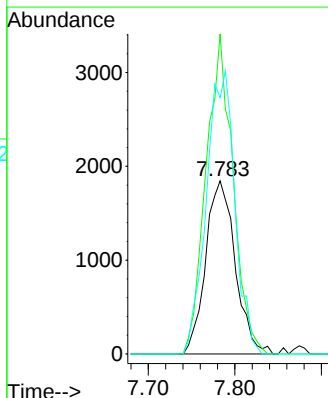
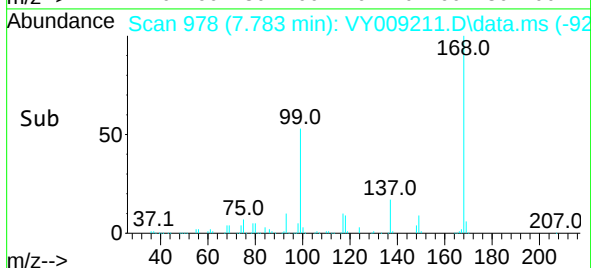
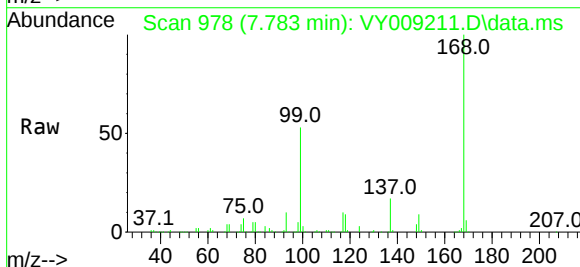


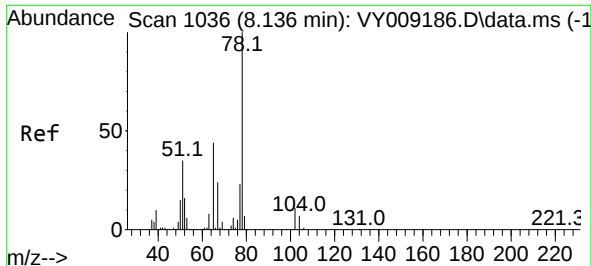
Tgt Ion: 43 Resp: 98
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#31
Cyclohexane
Concen: 1.080 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY009211.D
Acq: 16 Jun 2022 18:50

Tgt Ion: 56 Resp: 4380
Ion Ratio Lower Upper
56 100
69 184.8 26.7 40.1#
84 148.0 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 59.448 ug/l

RT: 8.137 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009211.D

Acq: 16 Jun 2022 18:50

Instrument :

MSVOA_Y

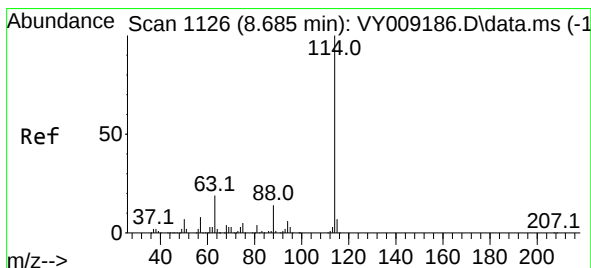
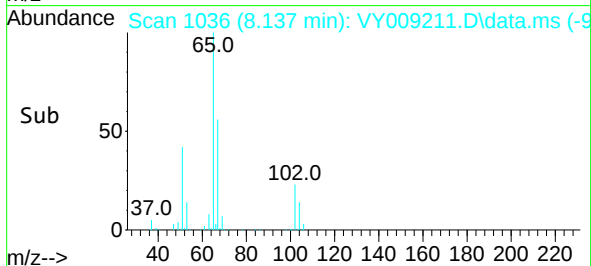
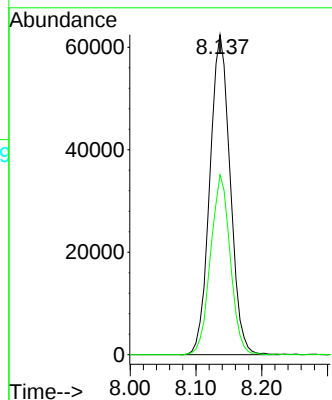
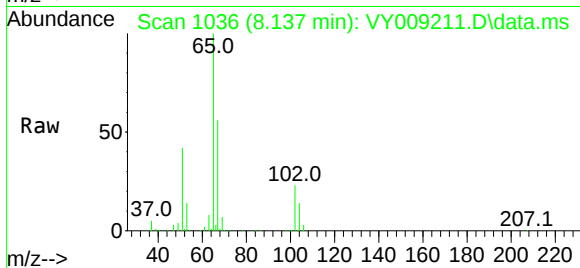
ClientSampleId :

Tgt Ion: 65 Resp: 134538

Ion Ratio Lower Upper

65 100

67 54.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009211.D

Acq: 16 Jun 2022 18:50

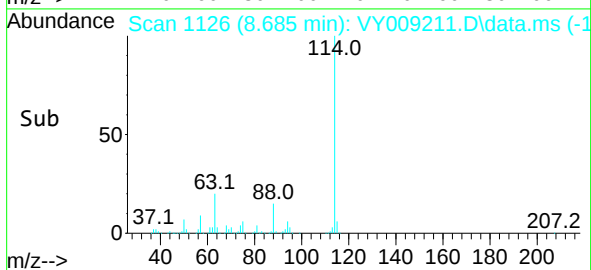
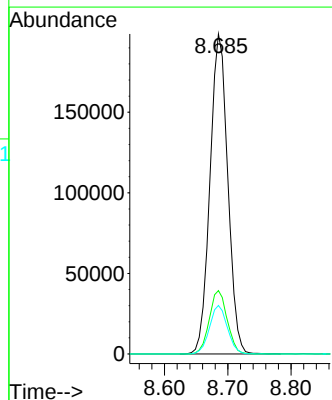
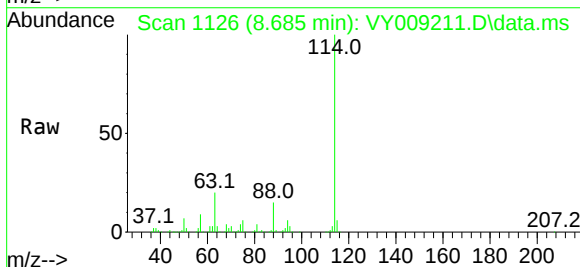
Tgt Ion: 114 Resp: 387506

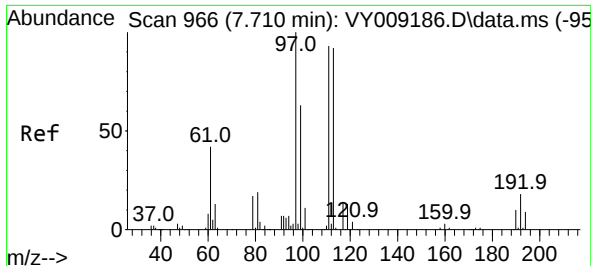
Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

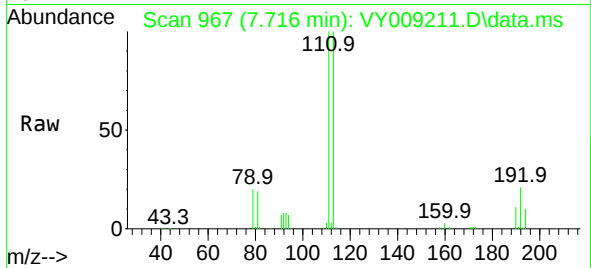
88 15.2 0.0 31.8



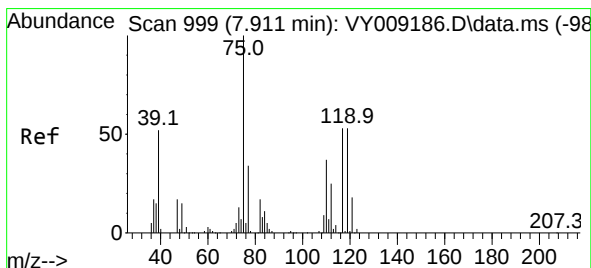
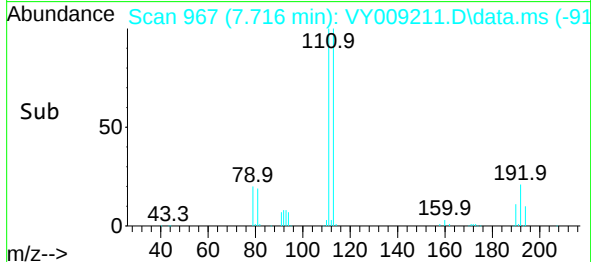
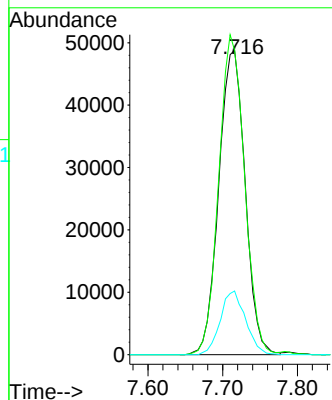


#35
Dibromofluoromethane
Concen: 49.270 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY009211.D
Acq: 16 Jun 2022 18:50

Instrument :
MSVOA_Y
ClientSampleId :

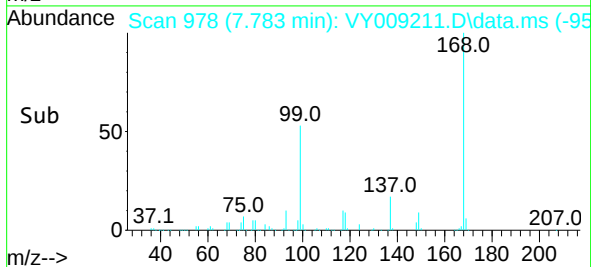
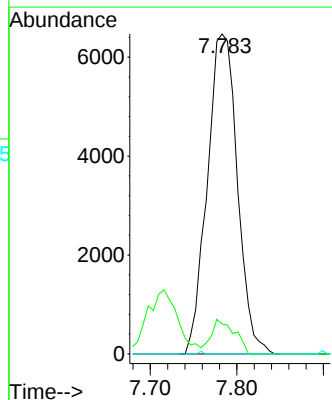
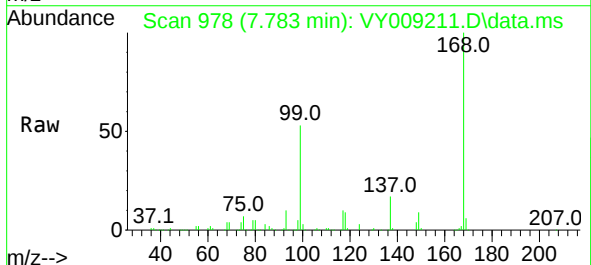


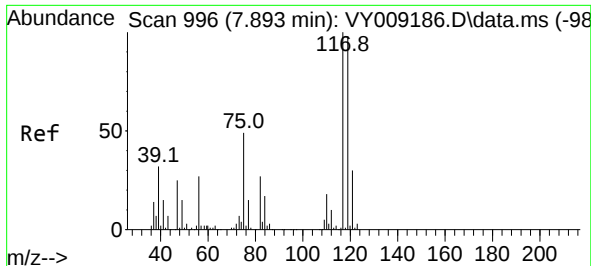
Tgt Ion:113 Resp: 119702
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 20.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.184 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009211.D
Acq: 16 Jun 2022 18:50

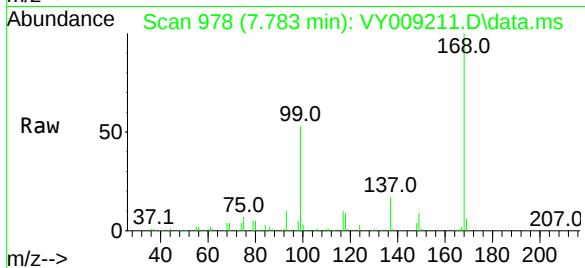
Tgt Ion: 75 Resp: 15637
Ion Ratio Lower Upper
75 100
110 8.4 17.1 51.2#
77 0.0 24.4 36.6#



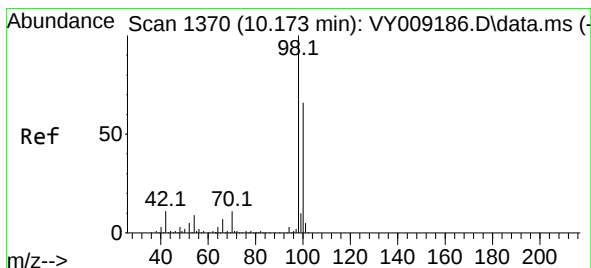
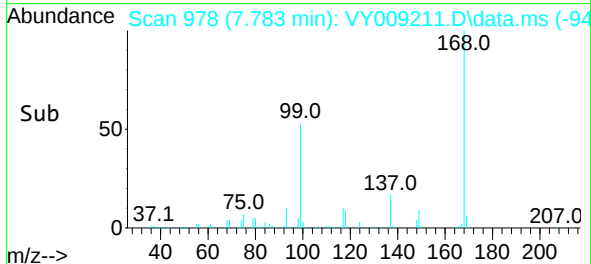
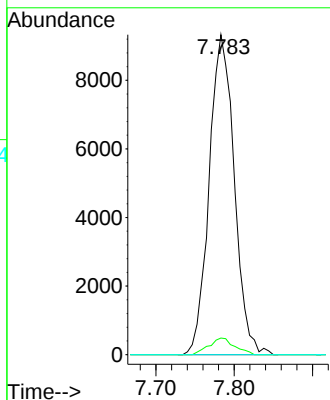


#38
Carbon Tetrachloride
Concen: 5.372 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009211.D
Acq: 16 Jun 2022 18:50

Instrument :
MSVOA_Y
ClientSampleId :

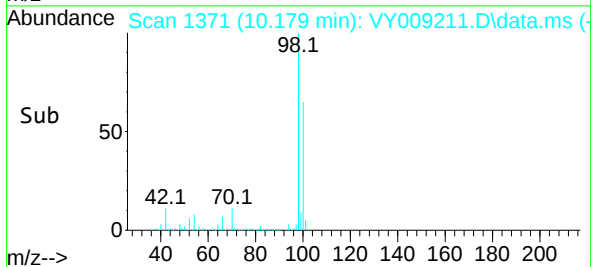
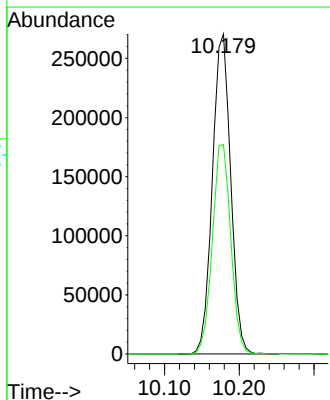
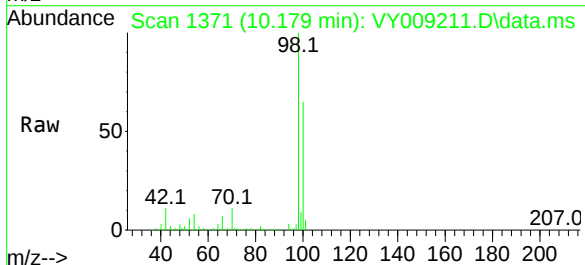


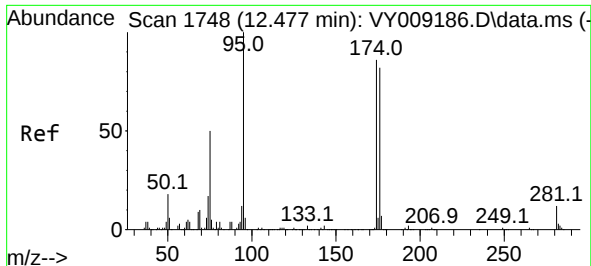
Tgt Ion:117 Resp: 20761
Ion Ratio Lower Upper
117 100
119 5.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.853 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY009211.D
Acq: 16 Jun 2022 18:50

Tgt Ion: 98 Resp: 461058
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2

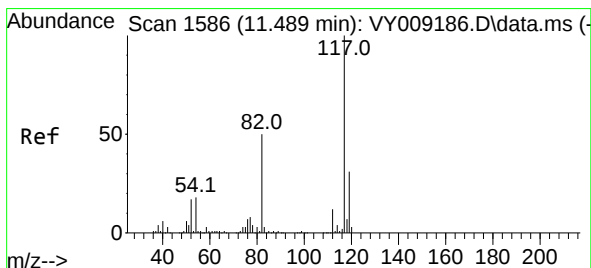
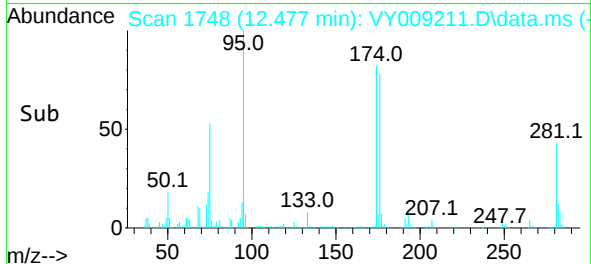
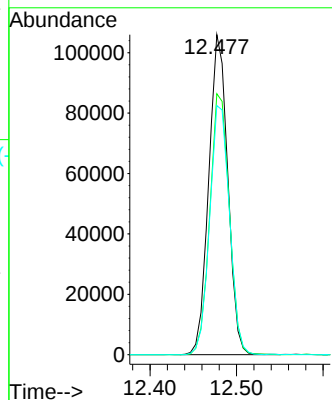
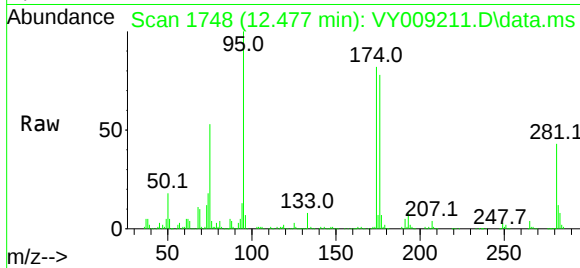




#62
4-Bromofluorobenzene
Concen: 49.126 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009211.D
Acq: 16 Jun 2022 18:50

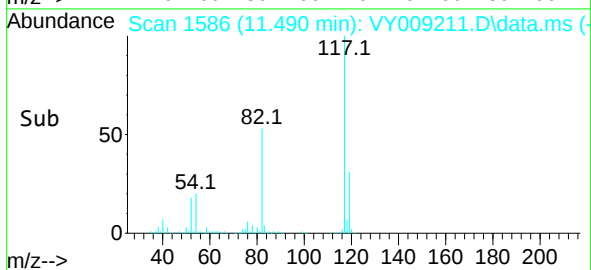
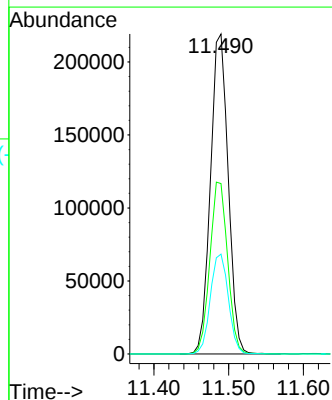
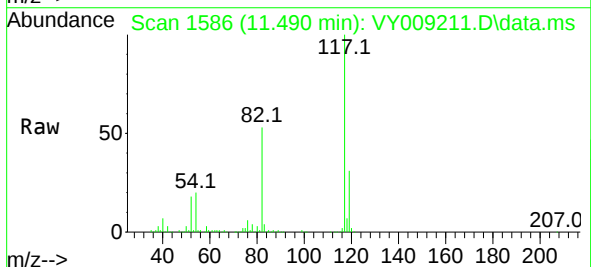
Instrument :
MSVOA_Y
ClientSampleId :

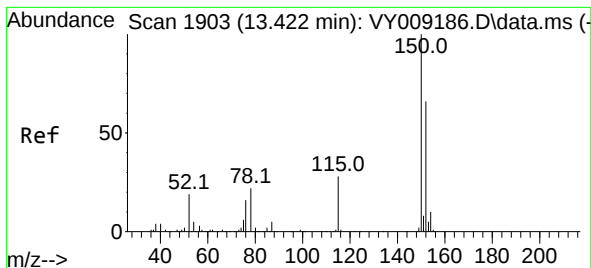
Tgt Ion: 95 Resp: 161450
Ion Ratio Lower Upper
95 100
174 83.4 0.0 177.0
176 81.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009211.D
Acq: 16 Jun 2022 18:50

Tgt Ion: 117 Resp: 361093
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.4
119 31.2 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

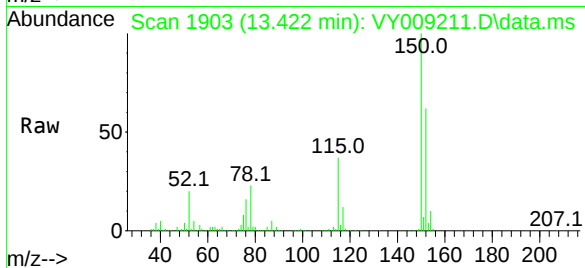
Lab File: VY009211.D

Acq: 16 Jun 2022 18:50

Instrument :

MSVOA_Y

ClientSampleId :



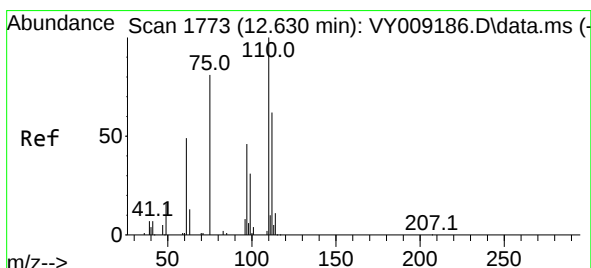
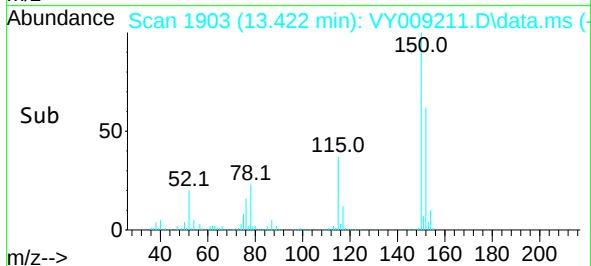
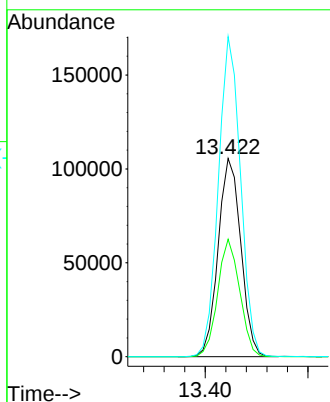
Tgt Ion:152 Resp: 161844

Ion Ratio Lower Upper

152 100

115 57.4 28.2 84.7

150 157.6 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 47.486 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY009211.D

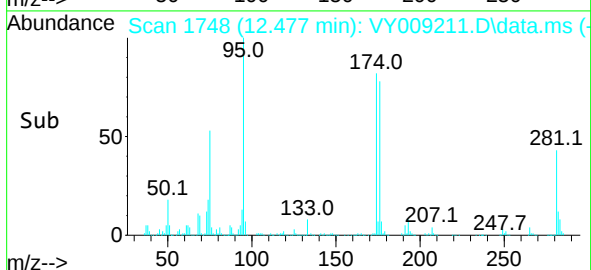
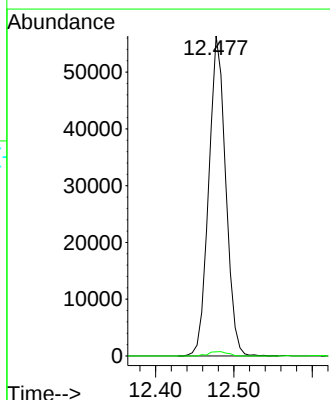
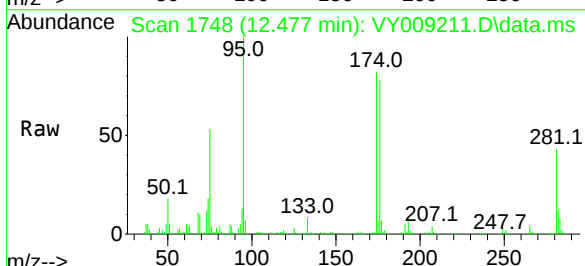
Acq: 16 Jun 2022 18:50

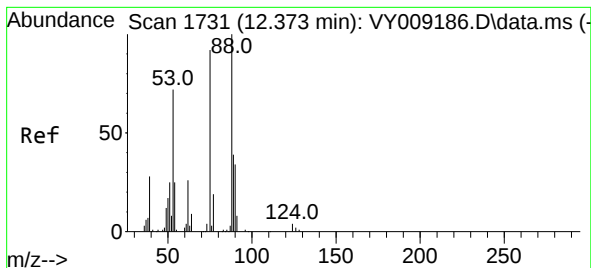
Tgt Ion: 75 Resp: 84859

Ion Ratio Lower Upper

75 100

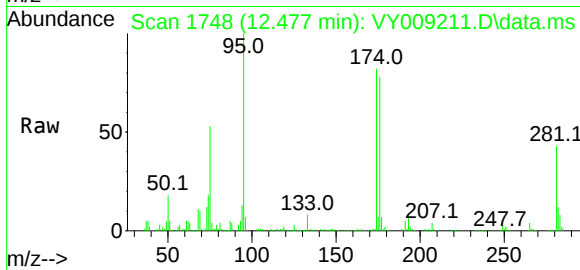
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.634 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009211.D
 Acq: 16 Jun 2022 18:50

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 84859
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 1.5 37.0 55.4#

