

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
 Data File : VY009653.D
 Acq On : 22 Jul 2022 12:37
 Operator : KP/MD
 Sample : N3773-11
 Misc : 4.56g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DL-1(7-7.5)

Quant Time: Jul 23 00:52:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

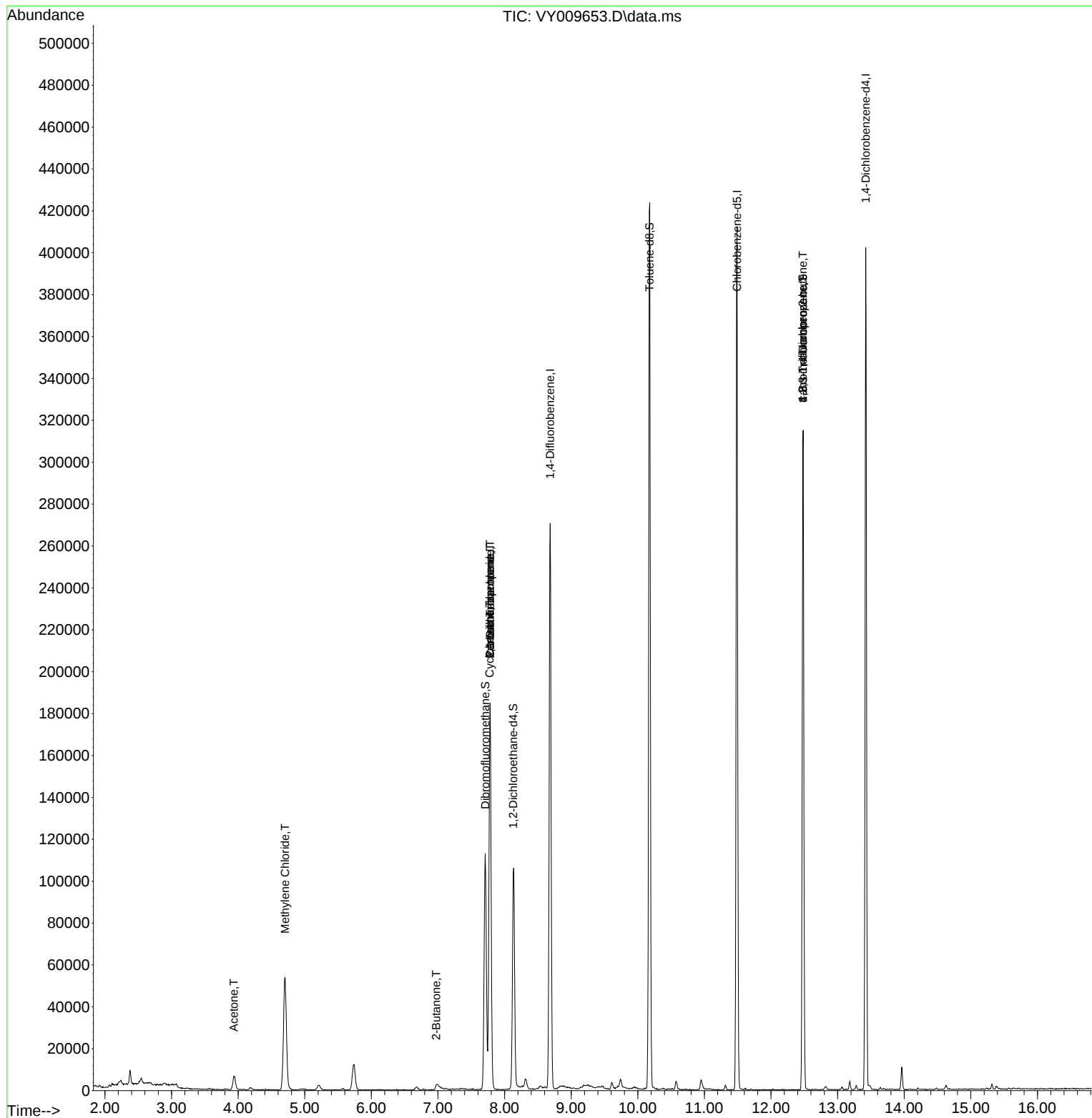
Internal Standards						
1) Pentafluorobenzene	7.783	168	152420	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	245025	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	231910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	107529	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	80755	56.021	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	112.040%	
35) Dibromofluoromethane	7.710	113	78923	51.128	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	102.260%	
50) Toluene-d8	10.179	98	286579	48.292	ug/l	0.00
Spiked Amount	50.000	Range 78 - 125	Recovery	=	96.580%	
62) 4-Bromofluorobenzene	12.477	95	87844	45.684	ug/l	0.00
Spiked Amount	50.000	Range 50 - 146	Recovery	=	91.360%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	538	Below Cal	#	89
16) Acetone	3.936	43	11303	30.996	ug/l	99
20) Methylene Chloride	4.704	84	41455	15.950	ug/l #	82
25) 2-Butanone	6.972	43	2154	4.049	ug/l #	76
31) Cyclohexane	7.777	56	2642	1.039	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	10239	4.489	ug/l #	50
38) Carbon Tetrachloride	7.783	117	13700	5.737	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	44420	43.365	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	44420	85.506	ug/l #	7

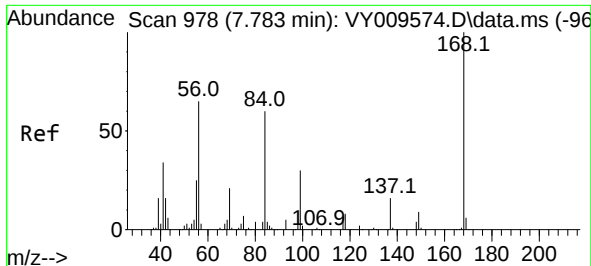
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009653.D
Acq On : 22 Jul 2022 12:37
Operator : KP/MD
Sample : N3773-11
Misc : 4.56g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-1(7-7.5)

Quant Time: Jul 23 00:52:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 19 04:22:09 2022
Response via : Initial Calibration

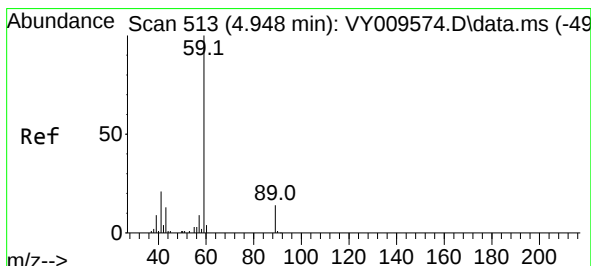
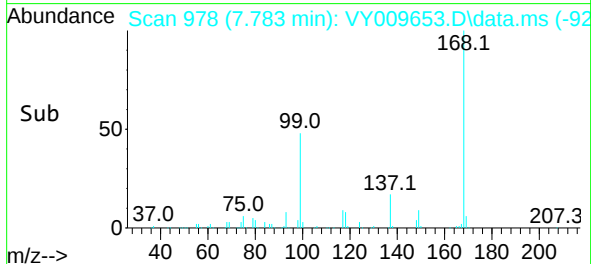
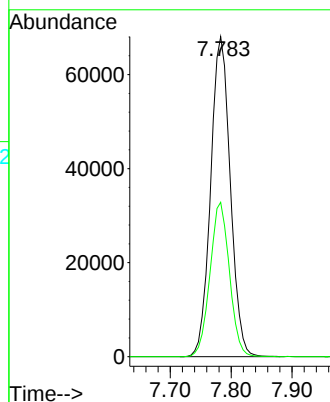
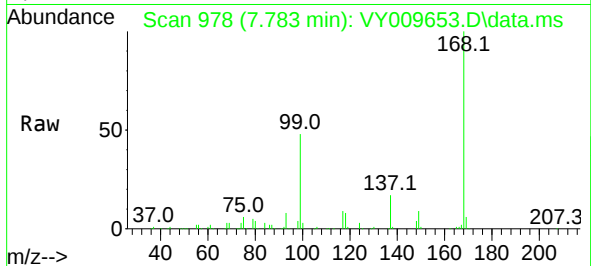




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009653.D
Acq: 22 Jul 2022 12:37

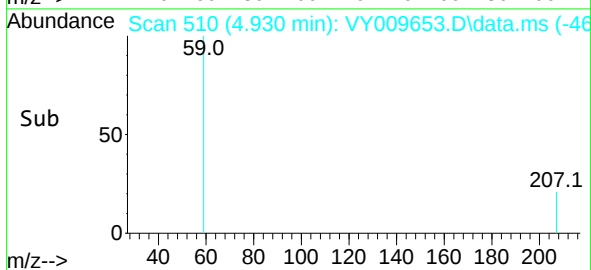
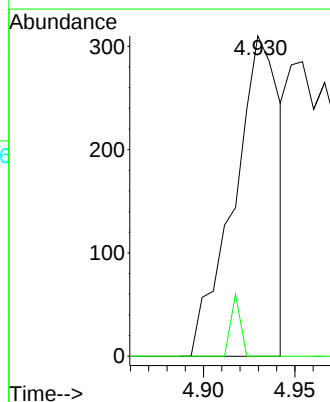
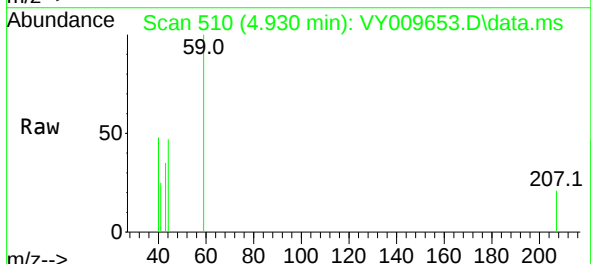
Instrument :
MSVOA_Y
ClientSampleId :
DL-1(7-7.5)

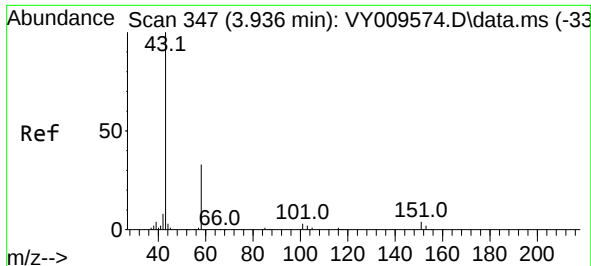
Tgt Ion:168 Resp: 152420
Ion Ratio Lower Upper
168 100
99 48.2 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY009653.D
Acq: 22 Jul 2022 12:37

Tgt Ion: 59 Resp: 538
Ion Ratio Lower Upper
59 100
57 4.1 6.4 9.6#





#16

Acetone

Concen: 30.996 ug/l

RT: 3.936 min Scan# 34

Delta R.T. -0.000 min

Lab File: VY009653.D

Acq: 22 Jul 2022 12:37

Instrument :

MSVOA_Y

ClientSampleId :

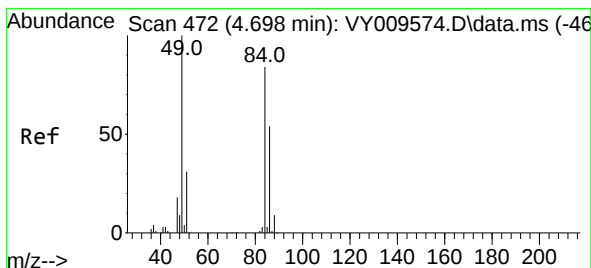
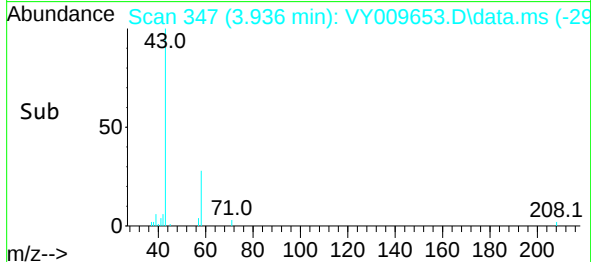
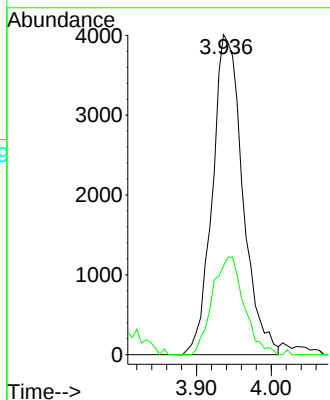
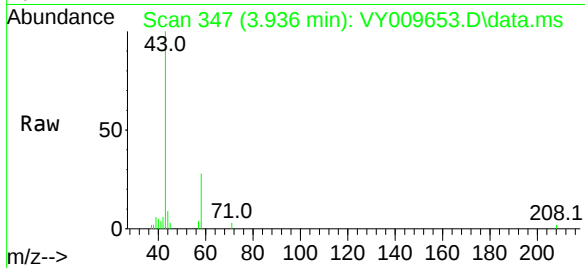
DL-1(7-7.5)

Tgt Ion: 43 Resp: 11303

Ion Ratio Lower Upper

43 100

58 27.8 22.0 33.0



#20

Methylene Chloride

Concen: 15.950 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.006 min

Lab File: VY009653.D

Acq: 22 Jul 2022 12:37

Tgt Ion: 84 Resp: 41455

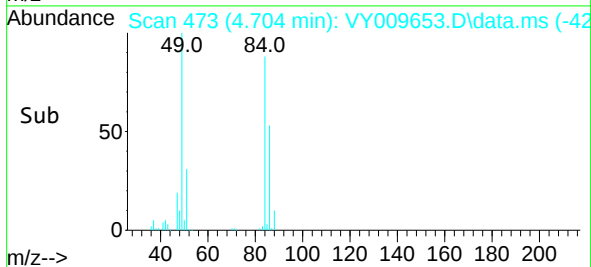
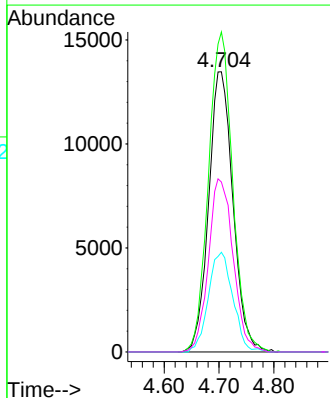
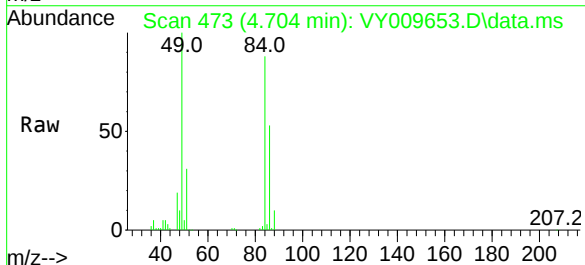
Ion Ratio Lower Upper

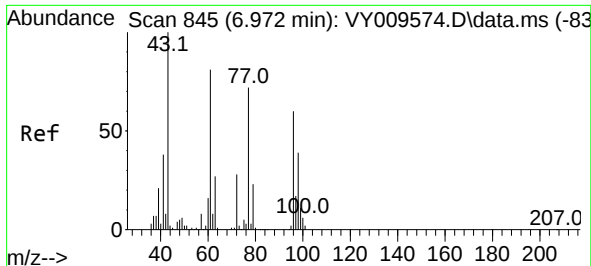
84 100

49 114.2 114.4 171.6#

51 35.6 35.3 52.9

86 60.7 53.7 80.5

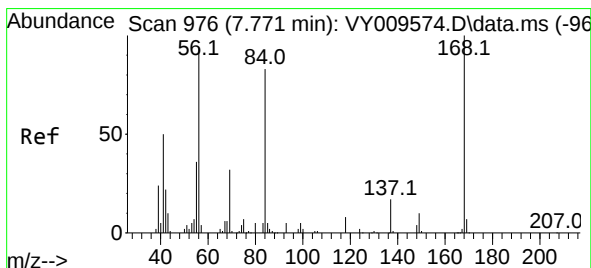
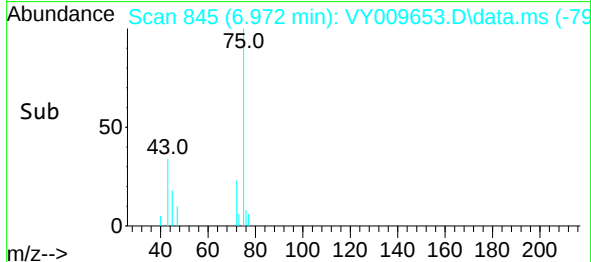
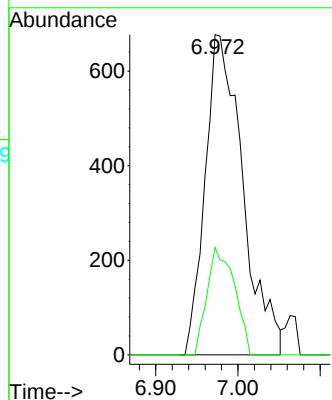
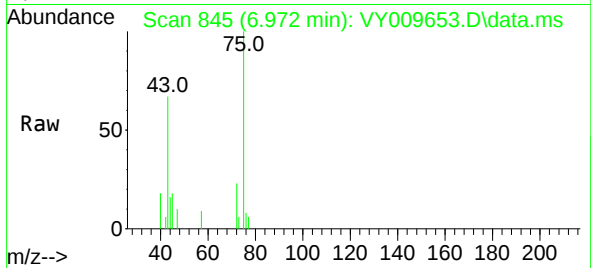




#25
2-Butanone
Concen: 4.049 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY009653.D
Acq: 22 Jul 2022 12:37

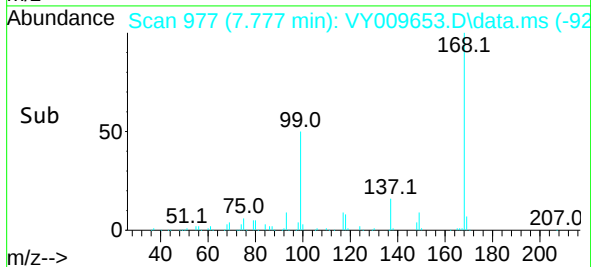
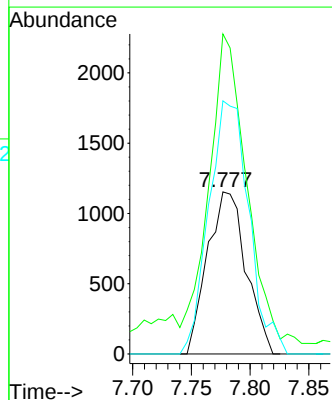
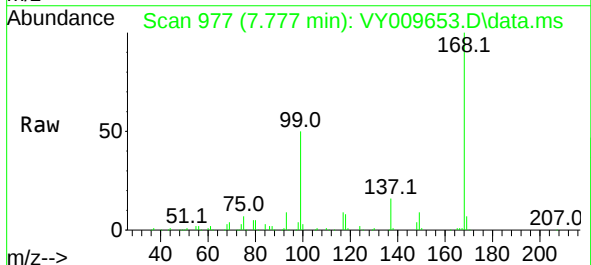
Instrument :
MSVOA_Y
ClientSampleId :
DL-1(7-7.5)

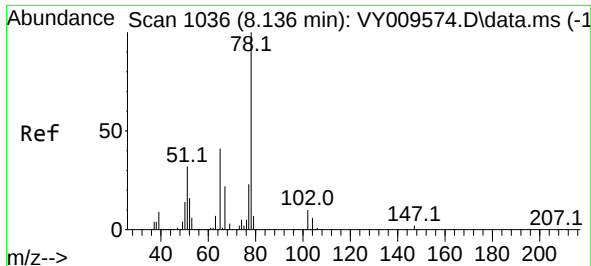
Tgt Ion: 43 Resp: 2154
Ion Ratio Lower Upper
43 100
72 33.5 17.7 26.5#



#31
Cyclohexane
Concen: 1.039 ug/l
RT: 7.777 min Scan# 977
Delta R.T. 0.006 min
Lab File: VY009653.D
Acq: 22 Jul 2022 12:37

Tgt Ion: 56 Resp: 2642
Ion Ratio Lower Upper
56 100
69 188.1 26.7 40.1#
84 156.1 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 56.021 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY009653.D

Acq: 22 Jul 2022 12:37

Instrument :

MSVOA_Y

ClientSampleId :

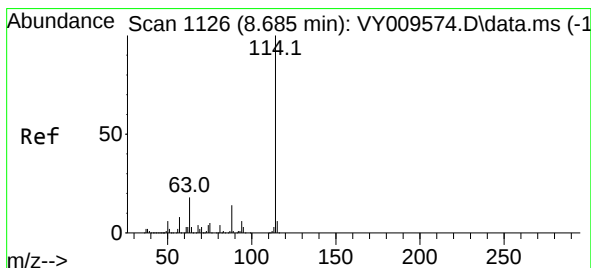
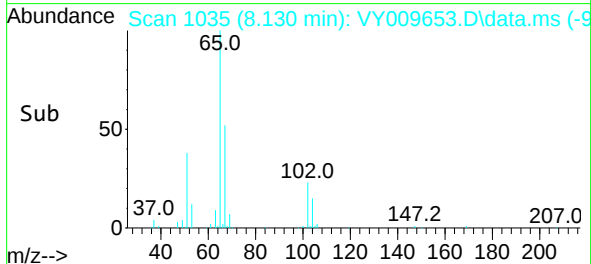
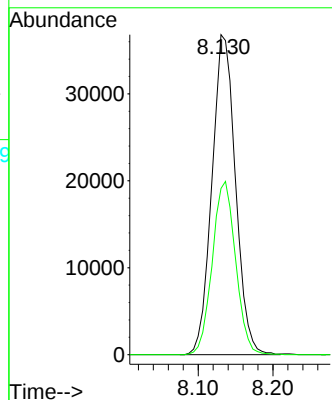
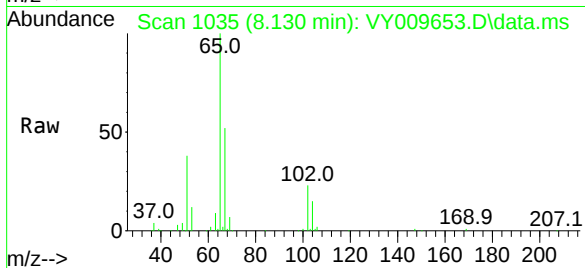
DL-1(7-7.5)

Tgt Ion: 65 Resp: 80755

Ion Ratio Lower Upper

65 100

67 53.6 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: VY009653.D

Acq: 22 Jul 2022 12:37

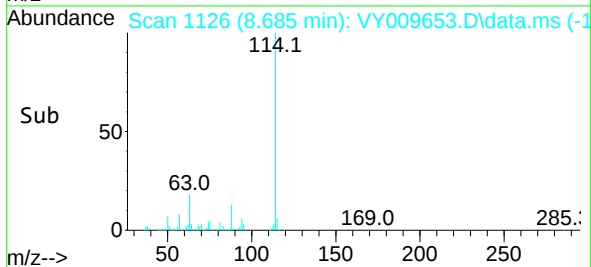
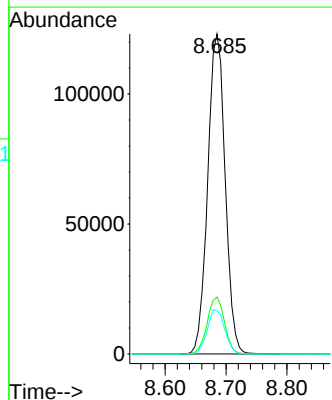
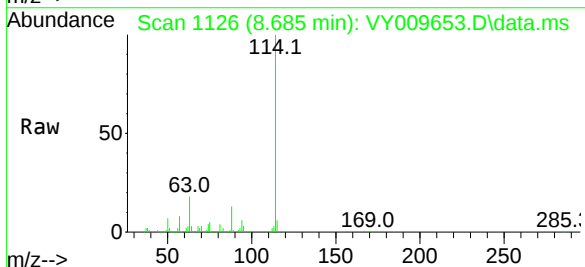
Tgt Ion: 114 Resp: 245025

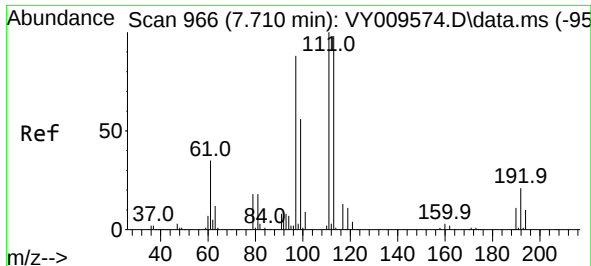
Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 13.5 0.0 31.8

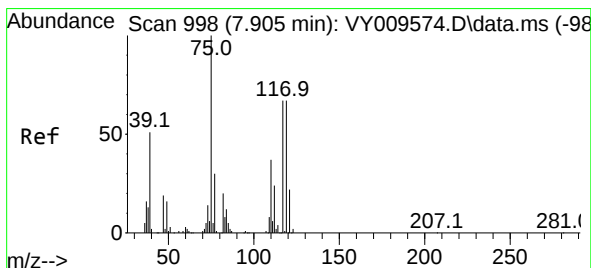
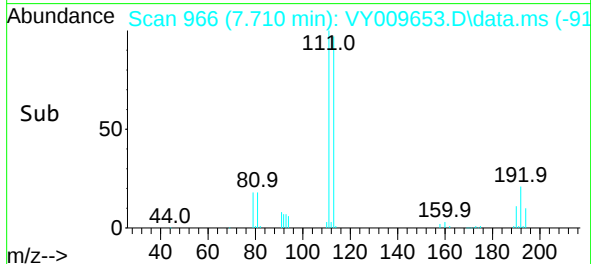
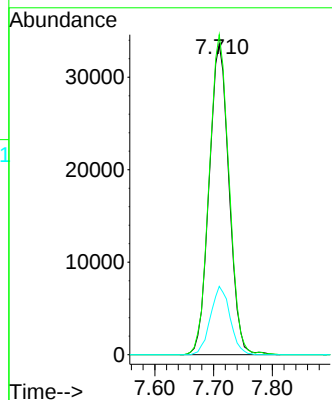
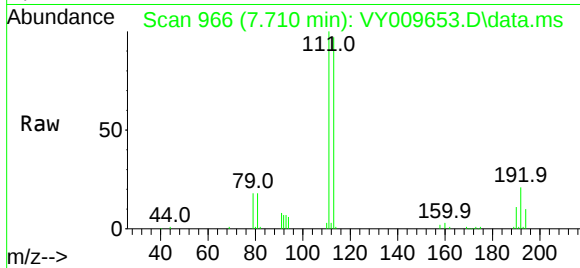




#35
Dibromofluoromethane
Concen: 51.128 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009653.D
Acq: 22 Jul 2022 12:37

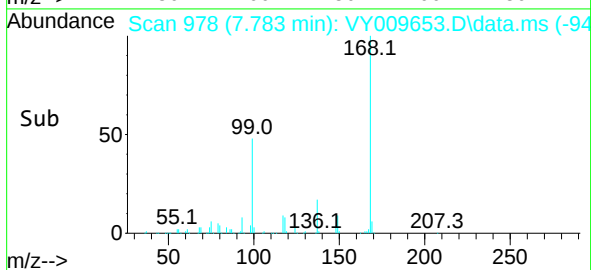
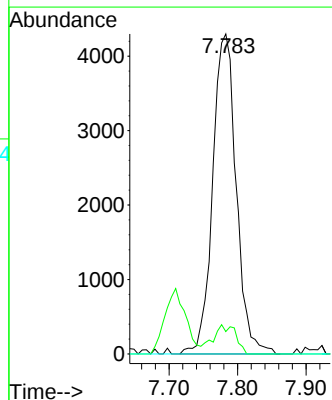
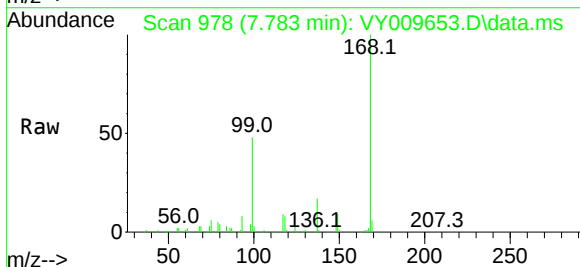
Instrument :
MSVOA_Y
ClientSampleId :
DL-1(7-7.5)

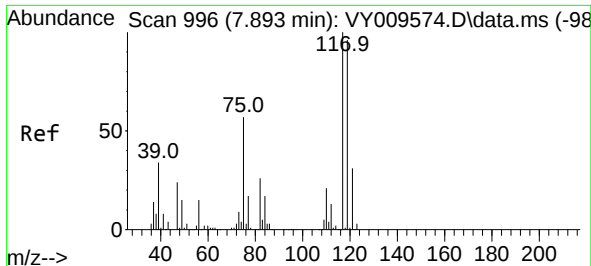
Tgt Ion:113 Resp: 78923
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 21.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.489 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY009653.D
Acq: 22 Jul 2022 12:37

Tgt Ion: 75 Resp: 10239
Ion Ratio Lower Upper
75 100
110 8.8 17.1 51.2#
77 0.0 24.4 36.6#

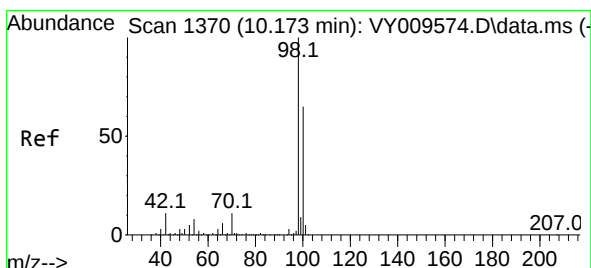
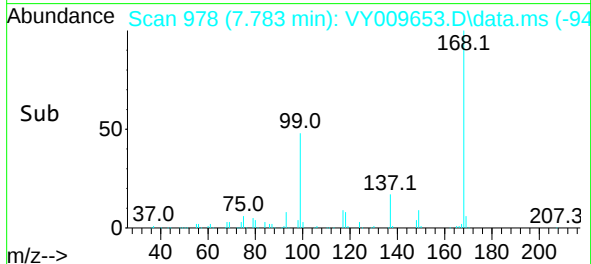
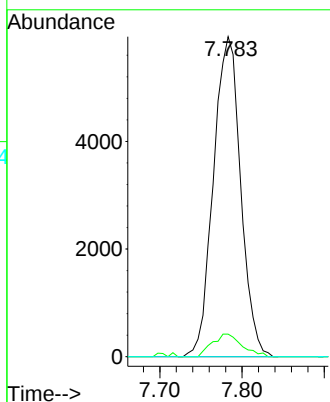
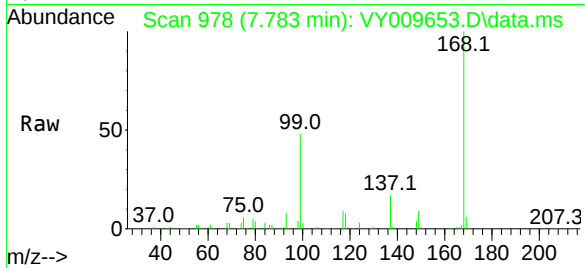




#38
Carbon Tetrachloride
Concen: 5.737 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009653.D
Acq: 22 Jul 2022 12:37

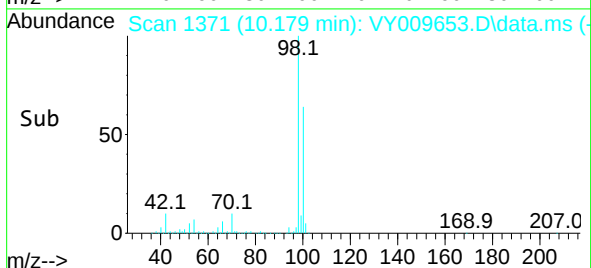
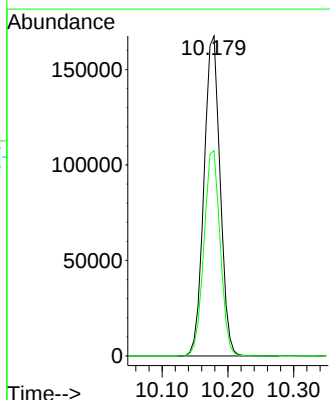
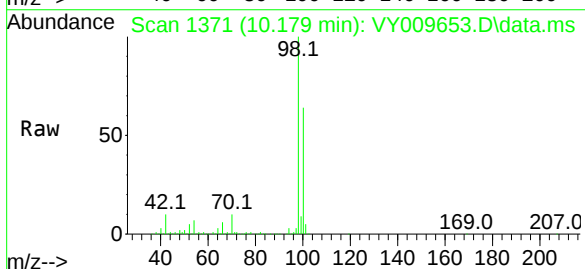
Instrument :
MSVOA_Y
ClientSampleId :
DL-1(7-7.5)

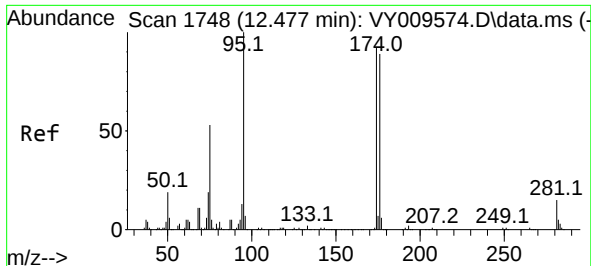
Tgt Ion:117 Resp: 13700
Ion Ratio Lower Upper
117 100
119 7.1 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.292 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY009653.D
Acq: 22 Jul 2022 12:37

Tgt Ion: 98 Resp: 286579
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

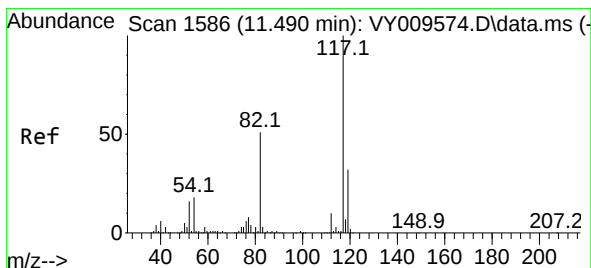
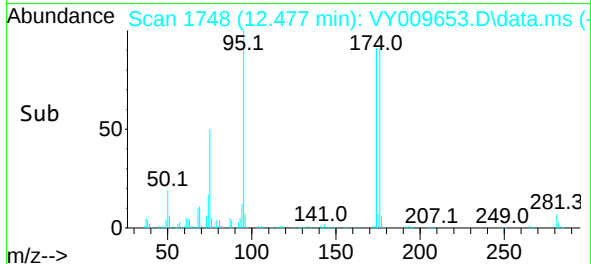
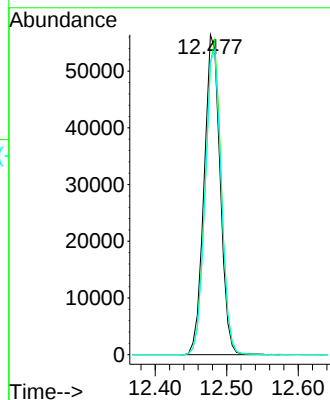
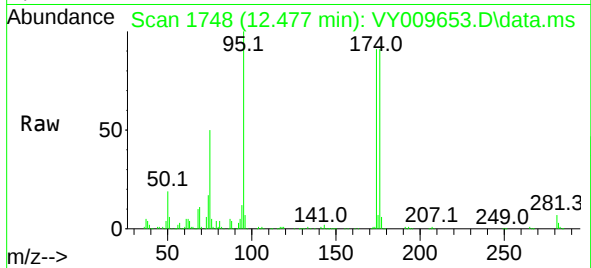




#62
4-Bromofluorobenzene
Concen: 45.684 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009653.D
Acq: 22 Jul 2022 12:37

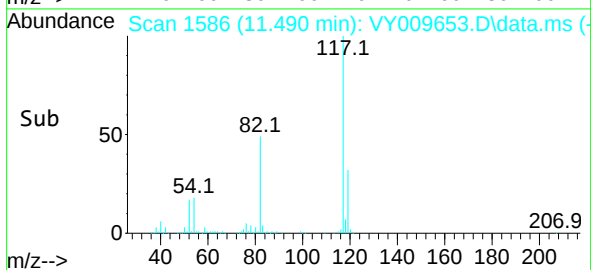
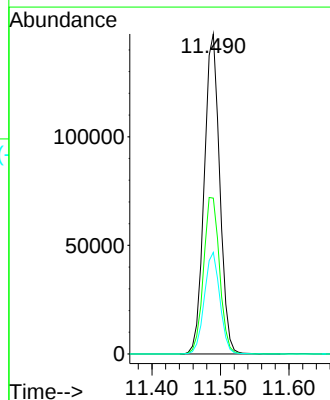
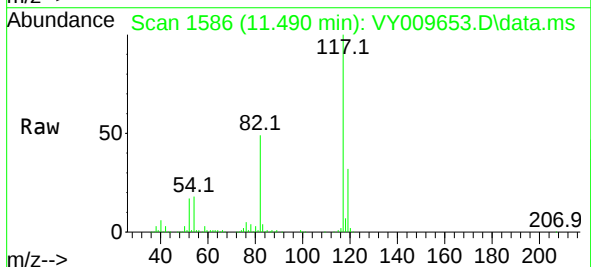
Instrument :
MSVOA_Y
ClientSampleId :
DL-1(7-7.5)

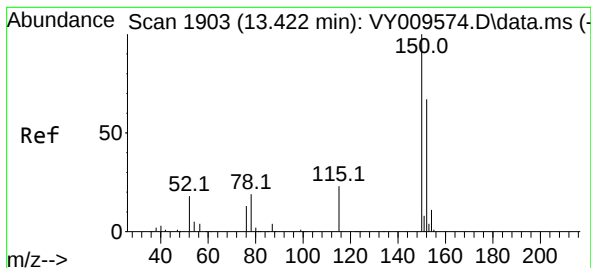
Tgt Ion: 95 Resp: 87844
Ion Ratio Lower Upper
95 100
174 97.7 0.0 177.0
176 95.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009653.D
Acq: 22 Jul 2022 12:37

Tgt Ion: 117 Resp: 231910
Ion Ratio Lower Upper
117 100
82 48.7 43.0 64.4
119 31.7 25.4 38.0

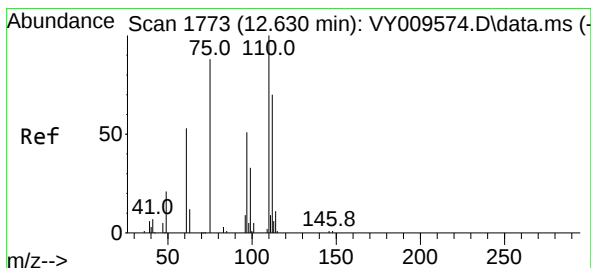
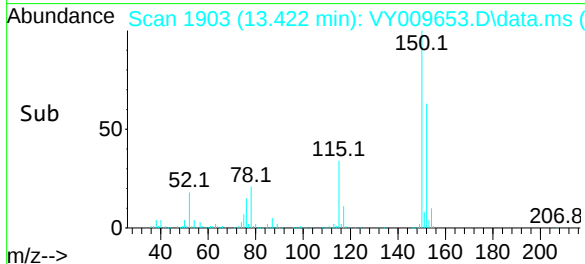
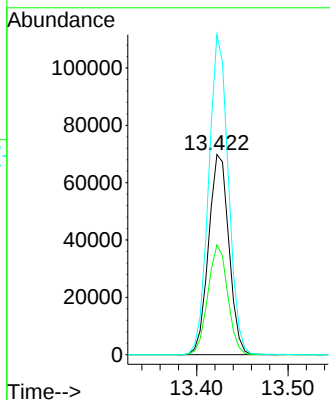
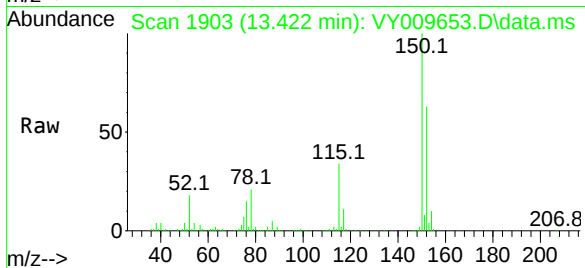




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY009653.D
 Acq: 22 Jul 2022 12:37

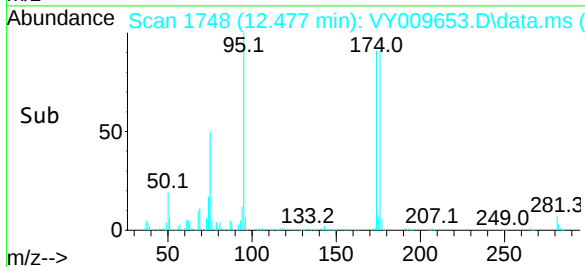
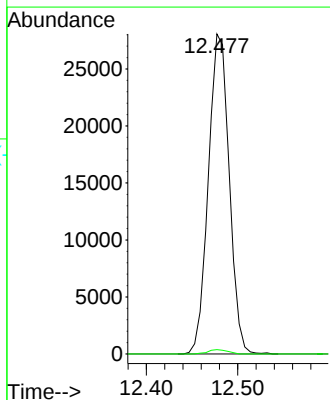
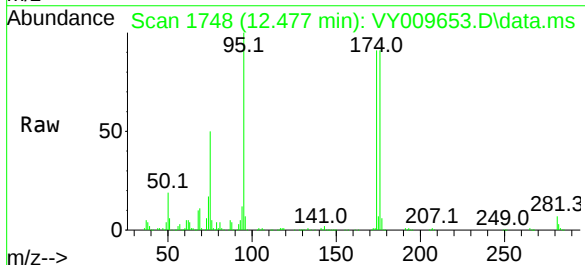
Instrument :
 MSVOA_Y
 ClientSampleId :
 DL-1(7-7.5)

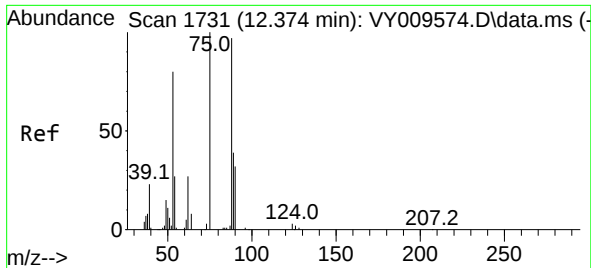
Tgt Ion:152 Resp: 107529
 Ion Ratio Lower Upper
 152 100
 115 53.4 28.2 84.7
 150 155.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 43.365 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY009653.D
 Acq: 22 Jul 2022 12:37

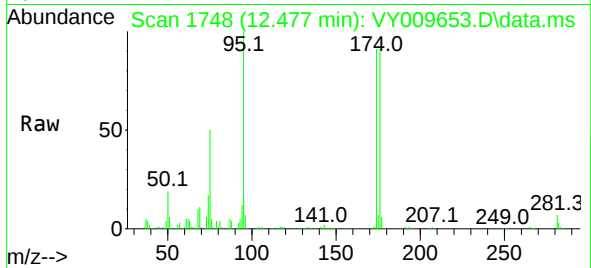
Tgt Ion: 75 Resp: 44420
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.506 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009653.D
 Acq: 22 Jul 2022 12:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 DL-1(7-7.5)



Tgt Ion: 75 Resp: 44420
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.2 37.0 55.4#

