

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083122\
 Data File : VY010250.D
 Acq On : 31 Aug 2022 17:04
 Operator : KP/MD
 Sample : N4375-03
 Misc : 5.62g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-3

Quant Time: Aug 31 23:41:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 02:23:17 2022
 Response via : Initial Calibration

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

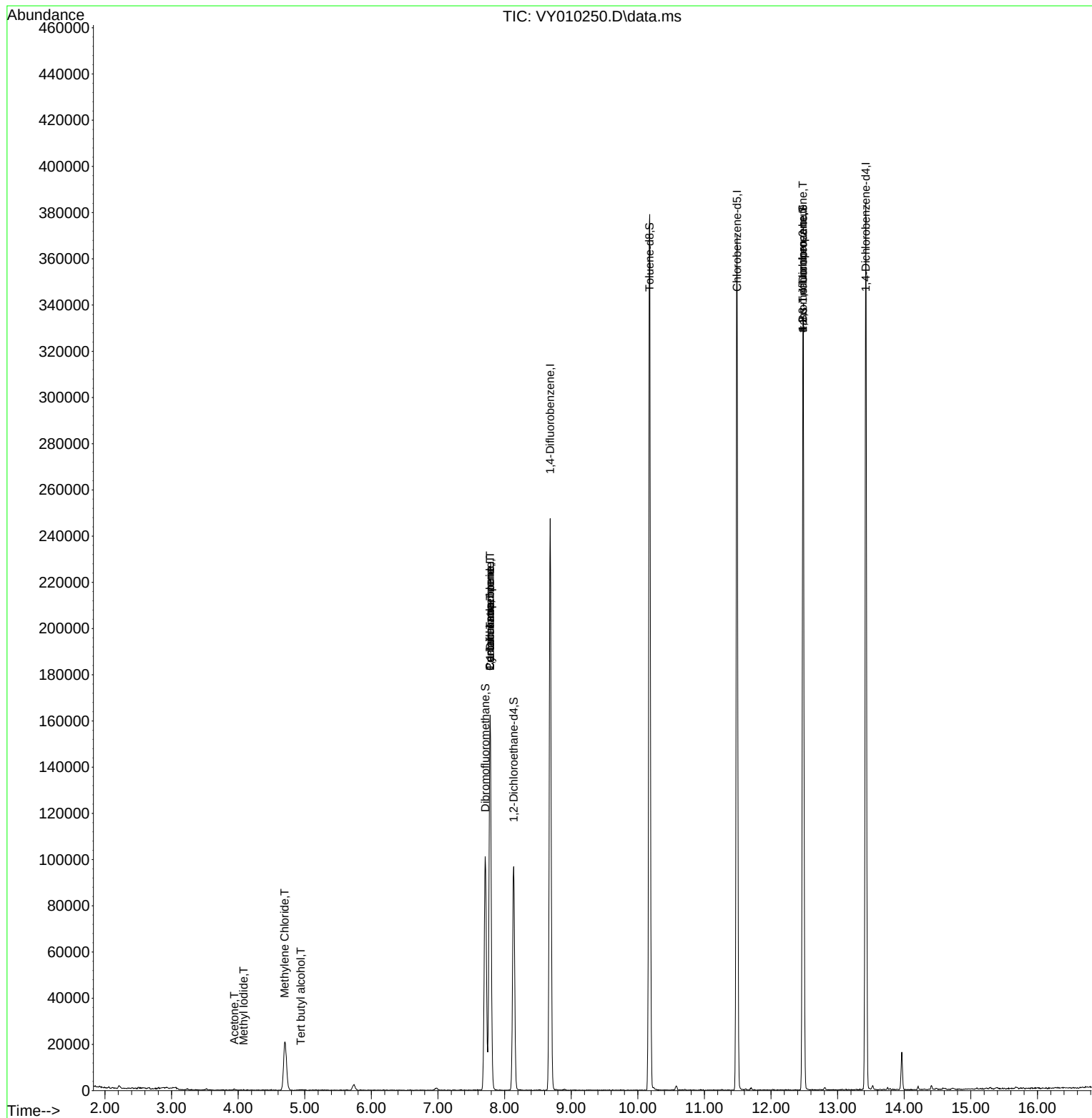
Internal Standards						
1) Pentafluorobenzene	7.783	168	136685	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	223331	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	214402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	106387	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	78034	67.422	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.840%	
35) Dibromofluoromethane	7.710	113	71746	55.784	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.560%	
50) Toluene-d8	10.179	98	259831	54.408	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.820%	
62) 4-Bromofluorobenzene	12.477	95	88297	49.624	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.240%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.082	142	140	1.527	ug/l #	35
11) Tert butyl alcohol	4.942	59	257	2.232	ug/l #	77
16) Acetone	3.942	43	593	2.451	ug/l	93
20) Methylene Chloride	4.698	84	17108	12.007	ug/l #	76
31) Cyclohexane	7.783	56	2191	1.066	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	8547	4.388	ug/l #	51
38) Carbon Tetrachloride	7.783	117	12204	5.461	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	43001	41.106	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	43001	85.760	ug/l #	7

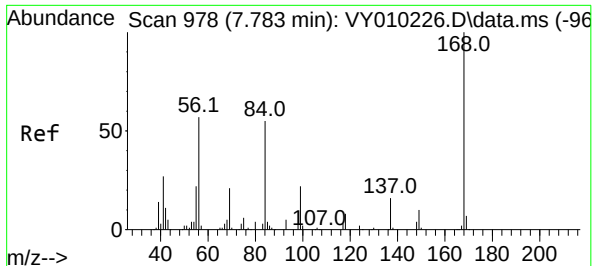
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083122\
Data File : VY010250.D
Acq On : 31 Aug 2022 17:04
Operator : KP/MD
Sample : N4375-03
Misc : 5.62g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-3

Quant Time: Aug 31 23:41:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083022S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 31 02:23:17 2022
Response via : Initial Calibration

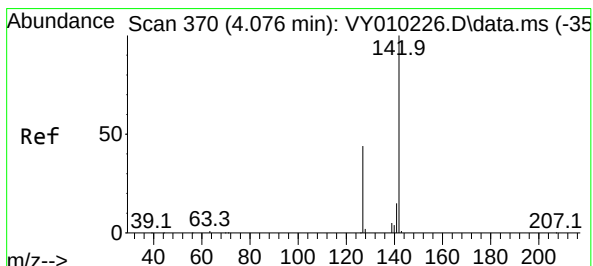
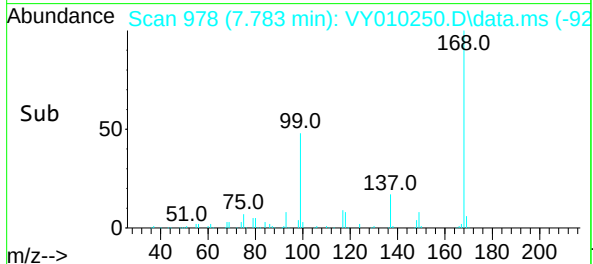
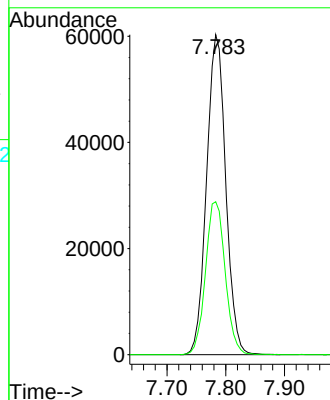
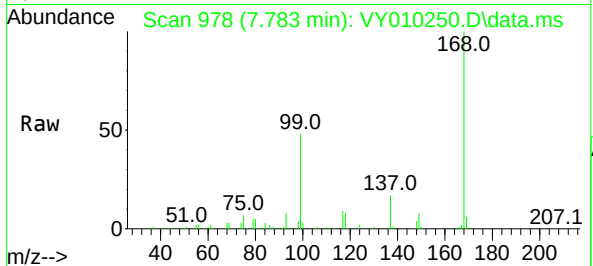




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010250.D
Acq: 31 Aug 2022 17:04

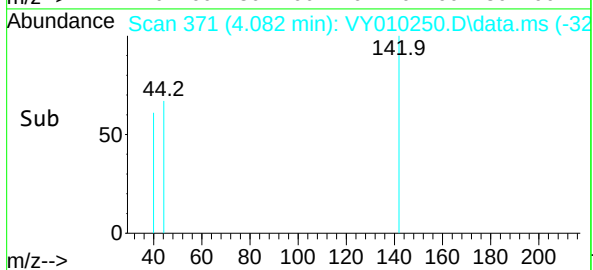
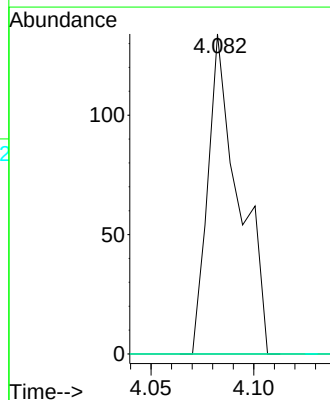
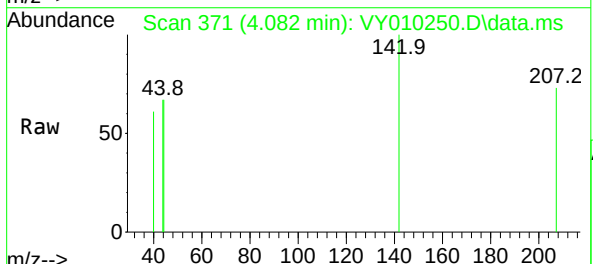
Instrument :
MSVOA_Y
ClientSampleId :
WC-3

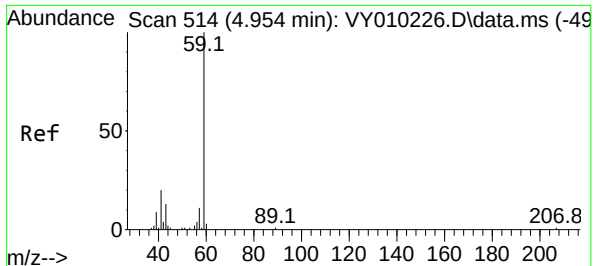
Tgt Ion:168 Resp: 136685
Ion Ratio Lower Upper
168 100
99 47.8 46.9 70.3



#10
Methyl Iodide
Concen: 1.527 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.006 min
Lab File: VY010250.D
Acq: 31 Aug 2022 17:04

Tgt Ion:142 Resp: 140
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#





#11

Tert butyl alcohol

Concen: 2.232 ug/l

RT: 4.942 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY010250.D

Acq: 31 Aug 2022 17:04

Instrument :

MSVOA_Y

ClientSampleId :

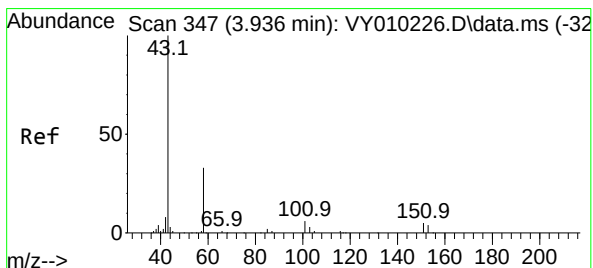
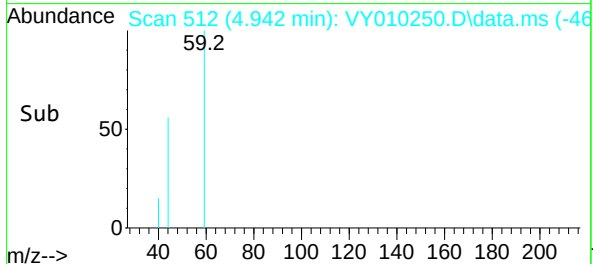
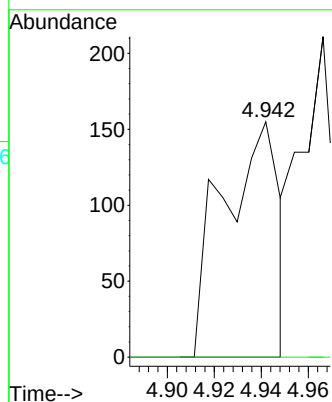
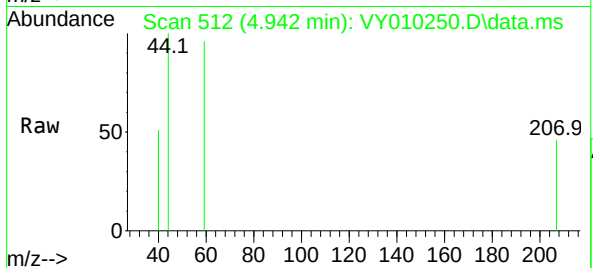
WC-3

Tgt Ion: 59 Resp: 257

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 2.451 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.006 min

Lab File: VY010250.D

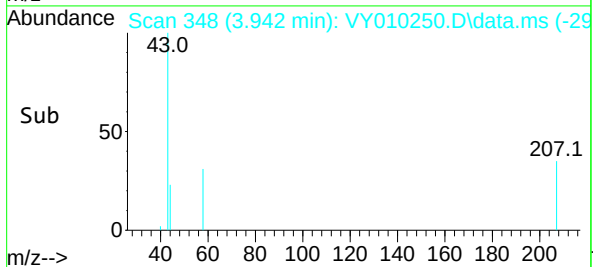
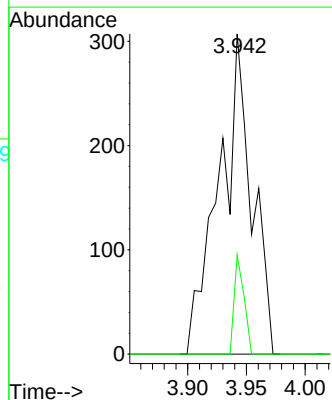
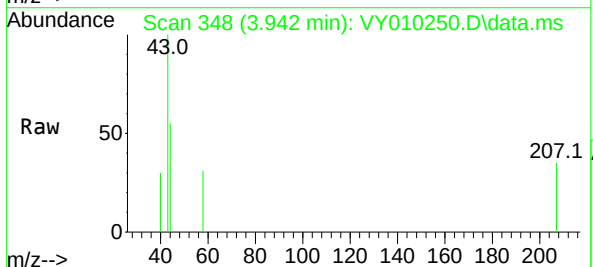
Acq: 31 Aug 2022 17:04

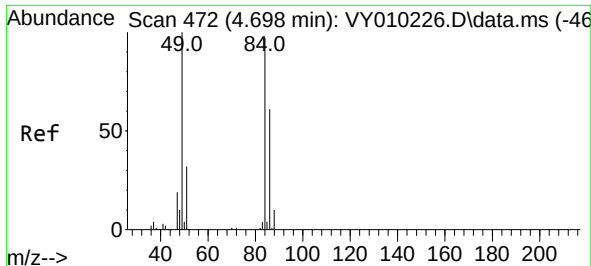
Tgt Ion: 43 Resp: 593

Ion Ratio Lower Upper

43 100

58 30.9 22.0 33.0

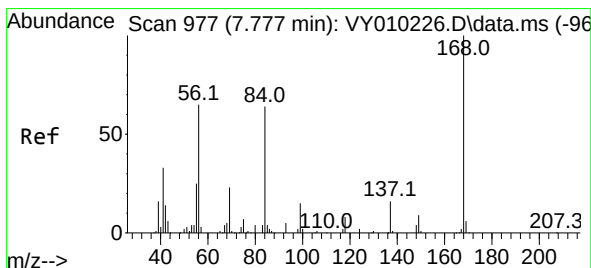
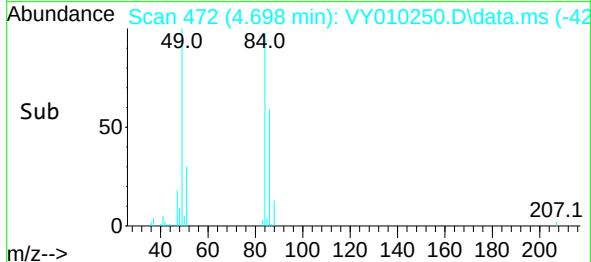
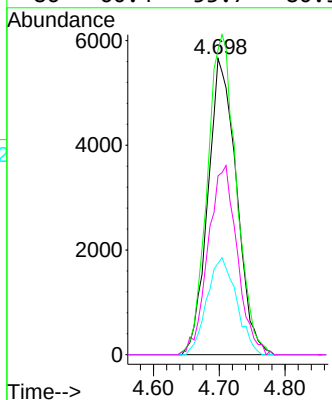
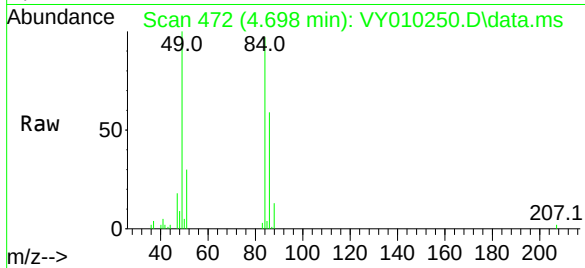




#20
Methylene Chloride
Concen: 12.007 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY010250.D
Acq: 31 Aug 2022 17:04

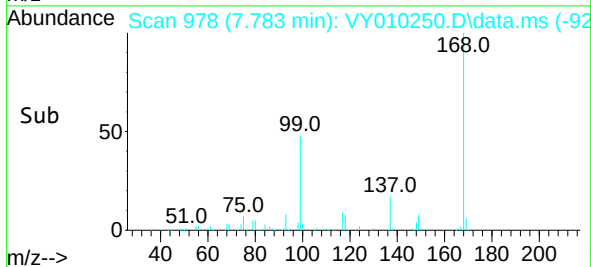
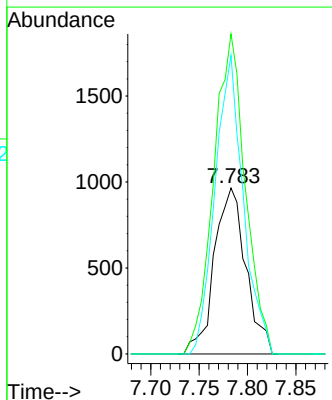
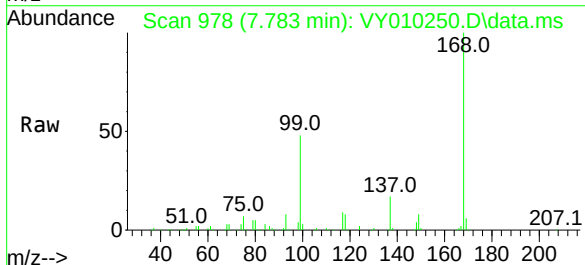
Instrument :
MSVOA_Y
ClientSampleId :
WC-3

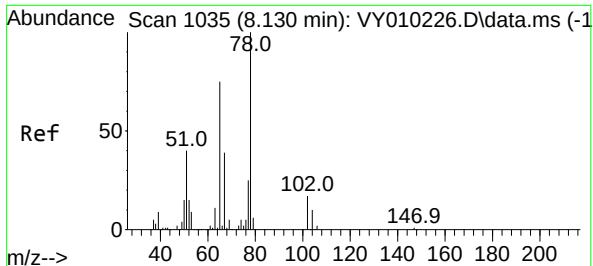
Tgt Ion:	84	Resp:	17108
Ion	Ratio	Lower	Upper
84	100		
49	103.0	114.4	171.6#
51	30.9	35.3	52.9#
86	60.4	53.7	80.5



#31
Cyclohexane
Concen: 1.066 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY010250.D
Acq: 31 Aug 2022 17:04

Tgt Ion:	56	Resp:	2191
Ion	Ratio	Lower	Upper
56	100		
69	192.8	26.7	40.1#
84	179.9	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 67.422 ug/l

RT: 8.136 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY010250.D

Acq: 31 Aug 2022 17:04

Instrument :

MSVOA_Y

ClientSampleId :

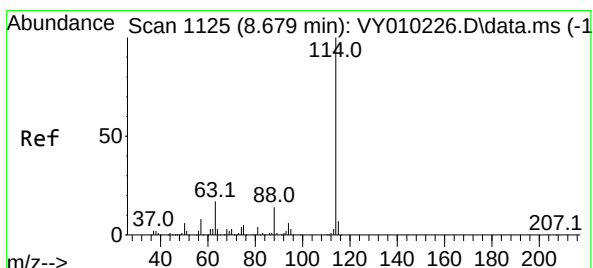
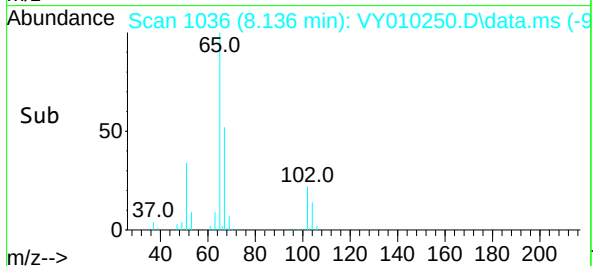
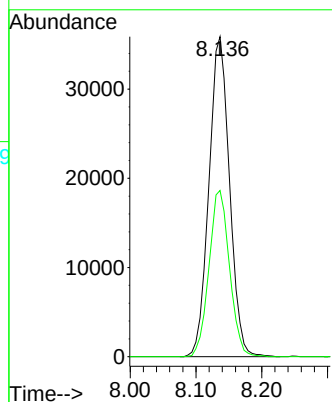
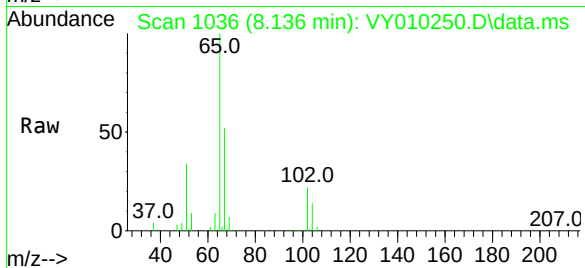
WC-3

Tgt Ion: 65 Resp: 78034

Ion Ratio Lower Upper

65 100

67 51.9 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY010250.D

Acq: 31 Aug 2022 17:04

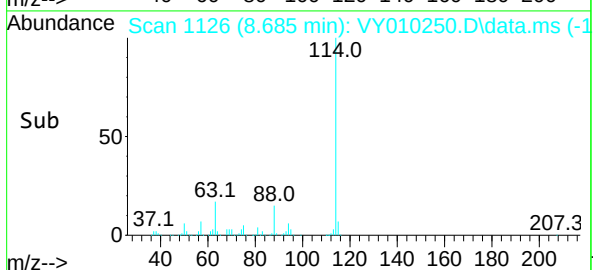
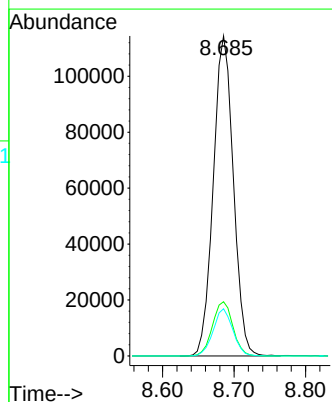
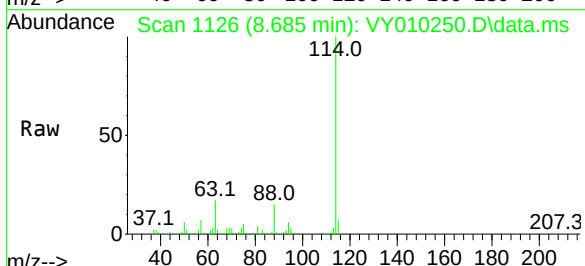
Tgt Ion: 114 Resp: 223331

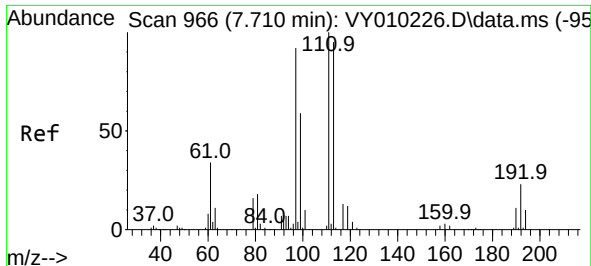
Ion Ratio Lower Upper

114 100

63 17.0 0.0 43.2

88 14.7 0.0 31.8

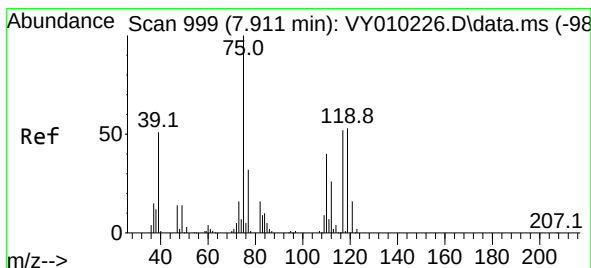
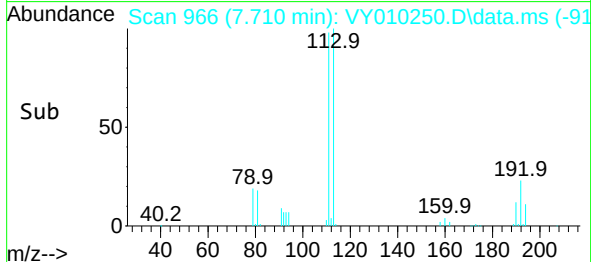
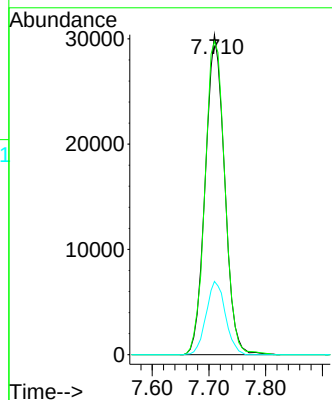
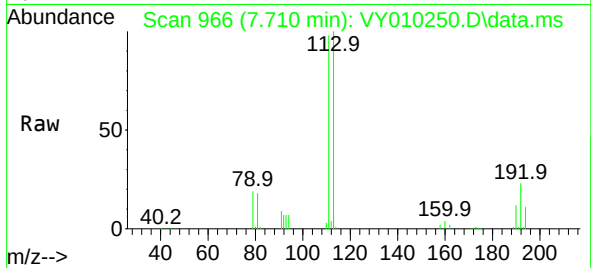




#35
Dibromofluoromethane
Concen: 55.784 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY010250.D
Acq: 31 Aug 2022 17:04

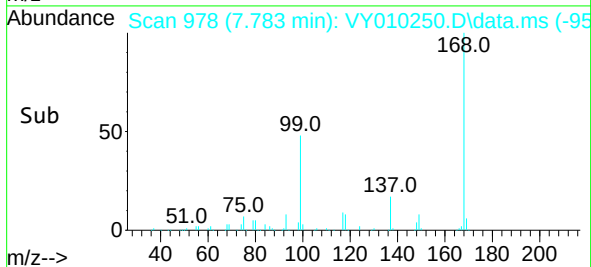
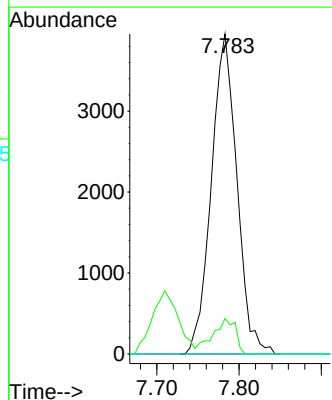
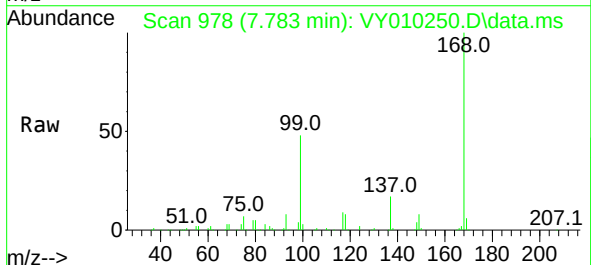
Instrument :
MSVOA_Y
ClientSampleId :
WC-3

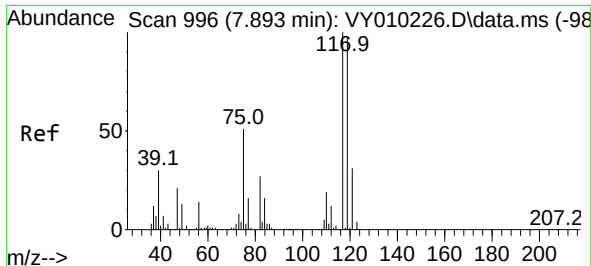
Tgt Ion:113 Resp: 71746
Ion Ratio Lower Upper
113 100
111 101.2 82.6 124.0
192 22.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.388 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY010250.D
Acq: 31 Aug 2022 17:04

Tgt Ion: 75 Resp: 8547
Ion Ratio Lower Upper
75 100
110 9.9 17.1 51.2#
77 0.0 24.4 36.6#

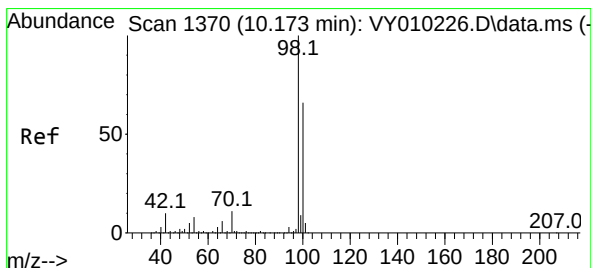
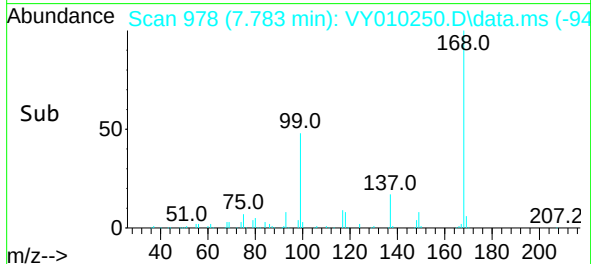
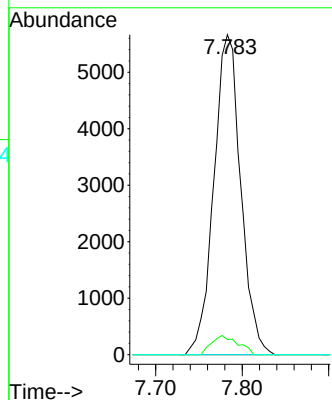
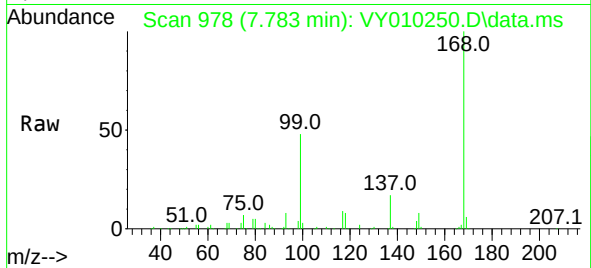




#38
Carbon Tetrachloride
Concen: 5.461 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010250.D
Acq: 31 Aug 2022 17:04

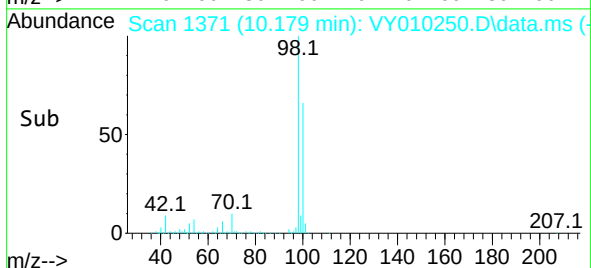
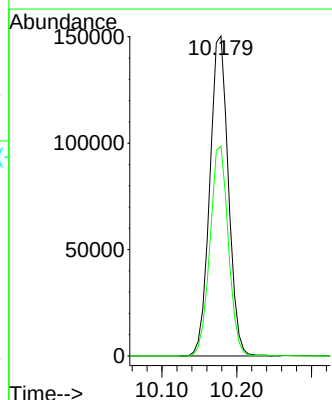
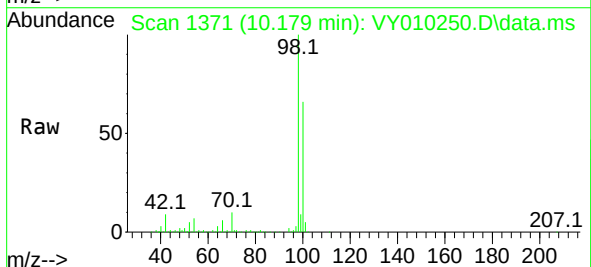
Instrument :
MSVOA_Y
ClientSampleId :
WC-3

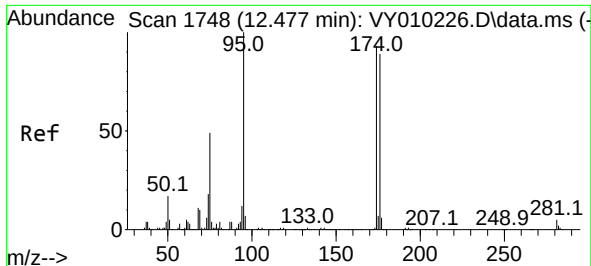
Tgt Ion:117 Resp: 12204
Ion Ratio Lower Upper
117 100
119 4.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.408 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010250.D
Acq: 31 Aug 2022 17:04

Tgt Ion: 98 Resp: 259831
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2

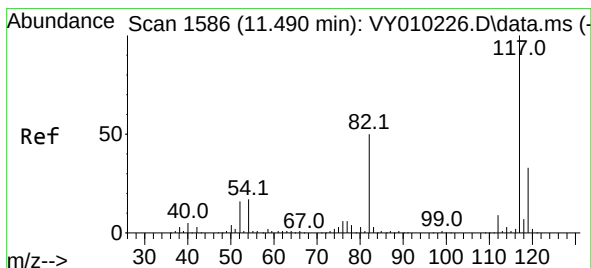
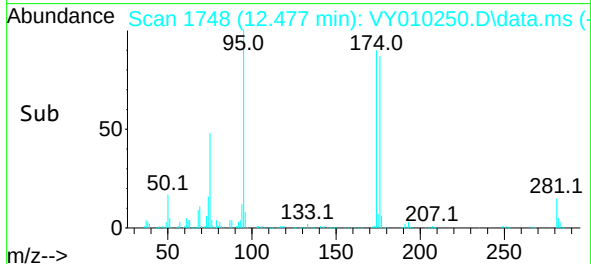
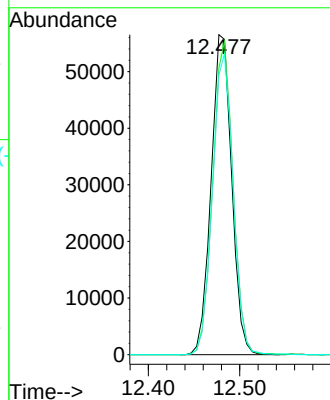
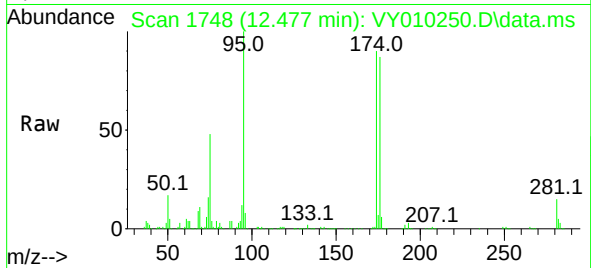




#62
4-Bromofluorobenzene
Concen: 49.624 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010250.D
Acq: 31 Aug 2022 17:04

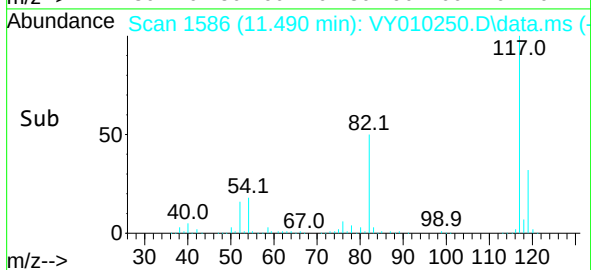
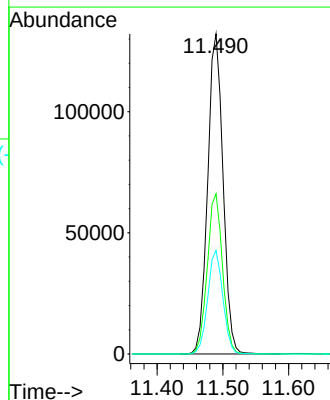
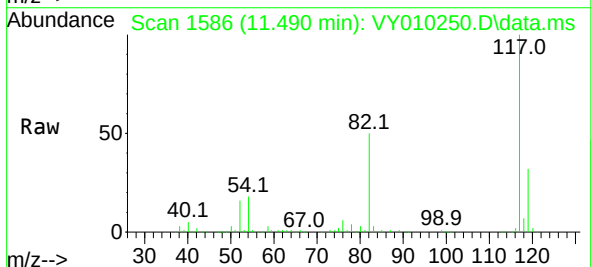
Instrument :
MSVOA_Y
ClientSampleId :
WC-3

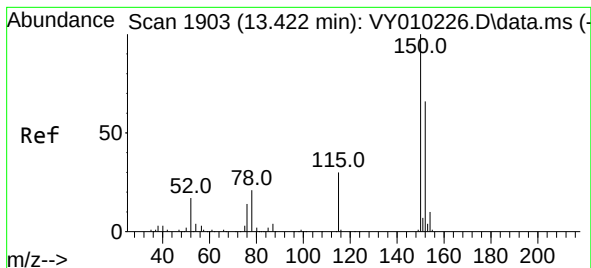
Tgt Ion: 95 Resp: 88297
Ion Ratio Lower Upper
95 100
174 97.0 0.0 177.0
176 94.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010250.D
Acq: 31 Aug 2022 17:04

Tgt Ion: 117 Resp: 214402
Ion Ratio Lower Upper
117 100
82 50.1 43.0 64.4
119 32.4 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: VY010250.D

Acq: 31 Aug 2022 17:04

Instrument :

MSVOA_Y

ClientSampleId :

WC-3

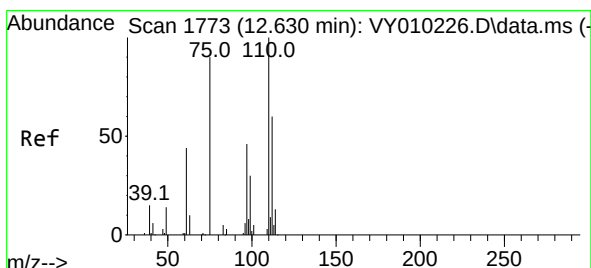
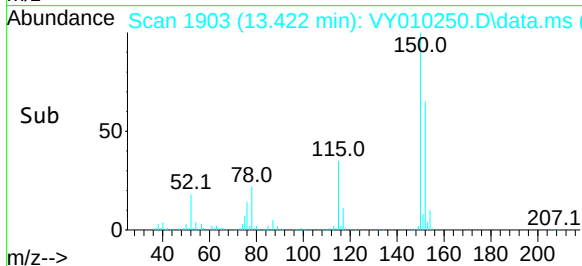
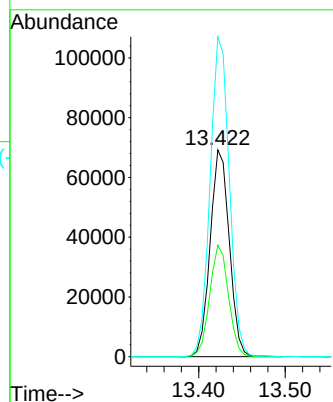
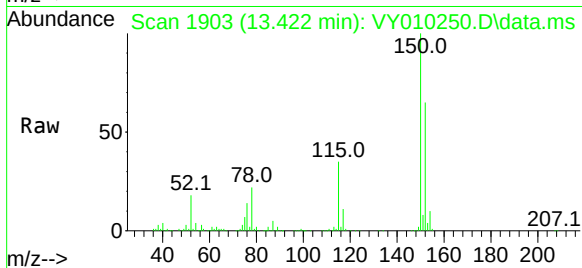
Tgt Ion:152 Resp: 106387

Ion Ratio Lower Upper

152 100

115 52.9 28.2 84.7

150 155.2 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 41.106 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY010250.D

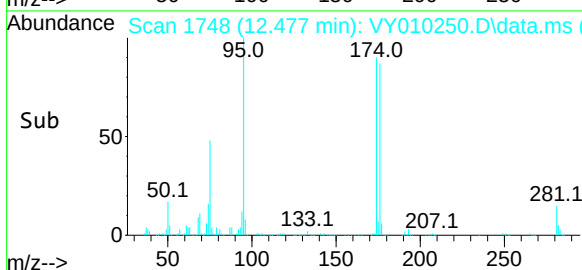
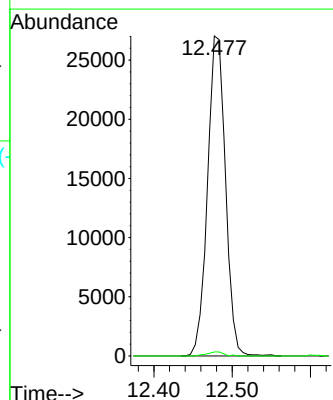
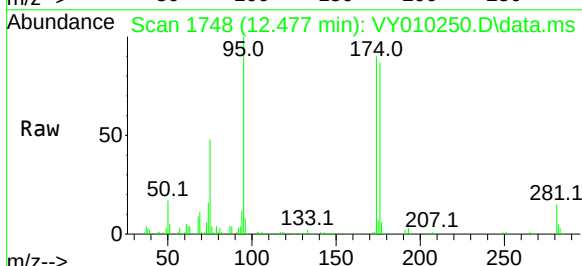
Acq: 31 Aug 2022 17:04

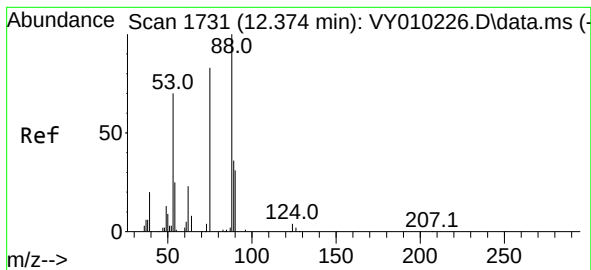
Tgt Ion: 75 Resp: 43001

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.760 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY010250.D
 Acq: 31 Aug 2022 17:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-3

Tgt Ion: 75 Resp: 43001
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.2 37.0 55.4#

