

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052022\
 Data File : VY008924.D
 Acq On : 21 May 2022 00:05
 Operator : KP/MD
 Sample : N2908-02
 Misc : 5.69g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BI-2

Quant Time: May 21 02:48:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

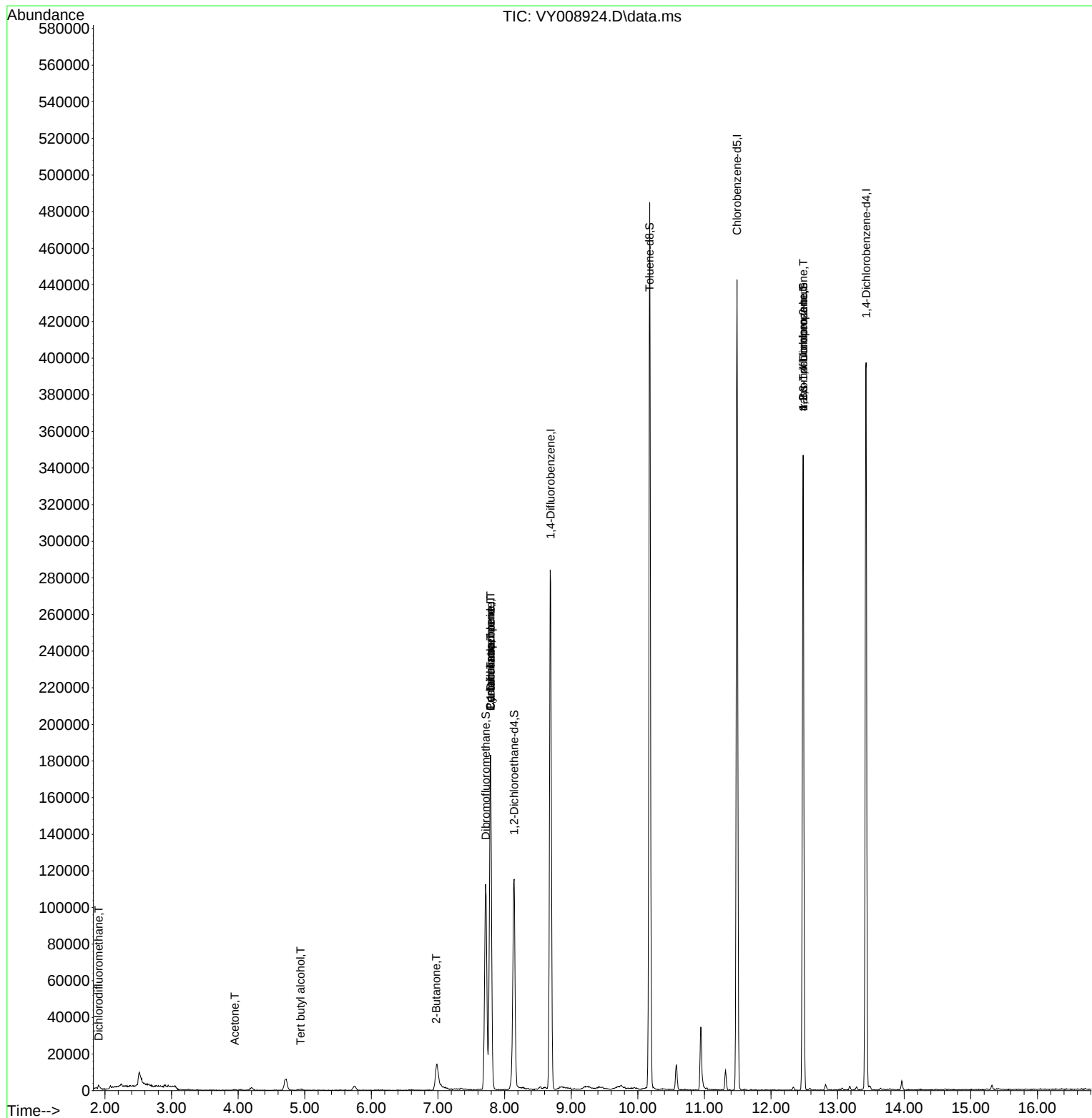
Internal Standards						
1) Pentafluorobenzene	7.789	168	138310	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	239009	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	229073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	99234	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	85929	60.366	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.740%	
35) Dibromofluoromethane	7.716	113	76742	51.634	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.260%	
50) Toluene-d8	10.179	98	297106	54.187	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.380%	
62) 4-Bromofluorobenzene	12.483	95	88579	40.049	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 80.100%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	1501	1.187	ug/l	84
11) Tert butyl alcohol	4.936	59	987	6.836	ug/l #	77
16) Acetone	3.948	43	518	1.748	ug/l #	84
20) Methylene Chloride	4.704	84	4790	Below Cal	#	77
25) 2-Butanone	6.972	43	1040	1.965	ug/l #	54
31) Cyclohexane	7.789	56	3241	1.164	ug/l #	9
36) 1,1-Dichloropropene	7.789	75	11938	4.720	ug/l #	49
38) Carbon Tetrachloride	7.789	117	13282	5.020	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	51224	48.068	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	51224	98.660	ug/l #	7

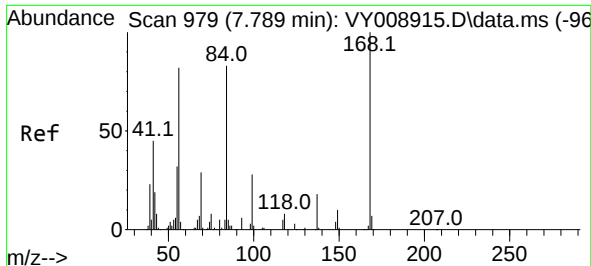
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052022\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
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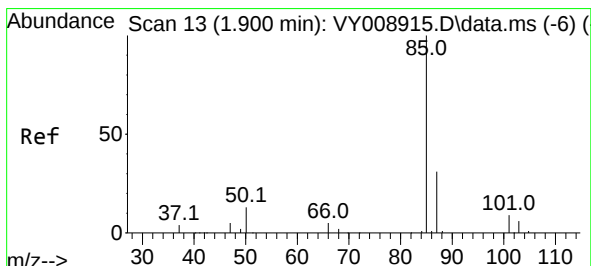
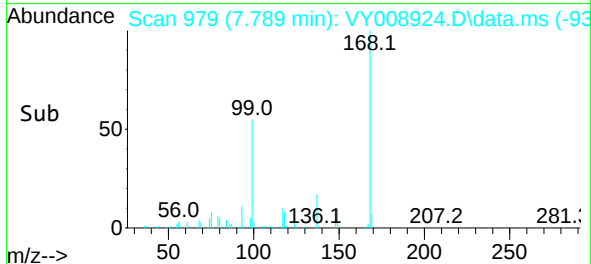
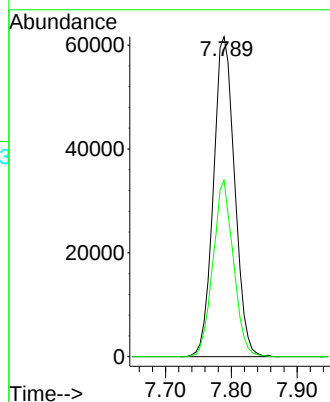
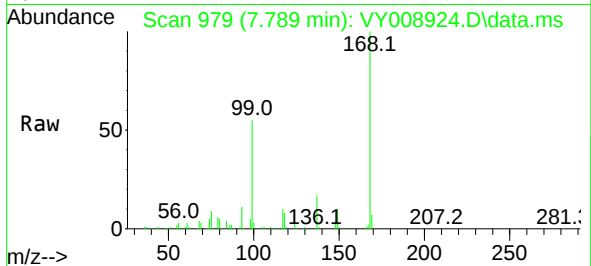




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008924.D
Acq: 21 May 2022 00:05

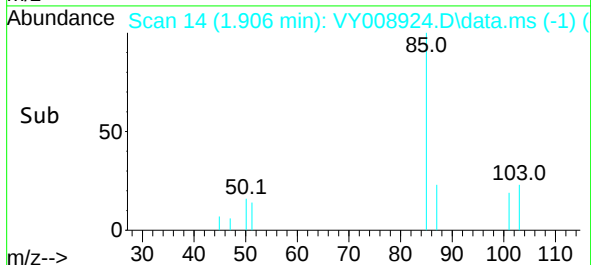
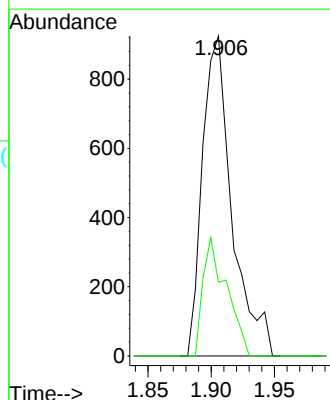
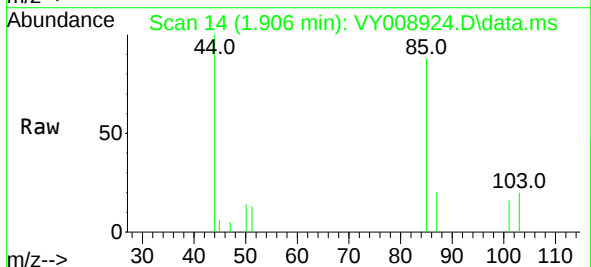
Instrument :
MSVOA_Y
ClientSampleId :
BI-2

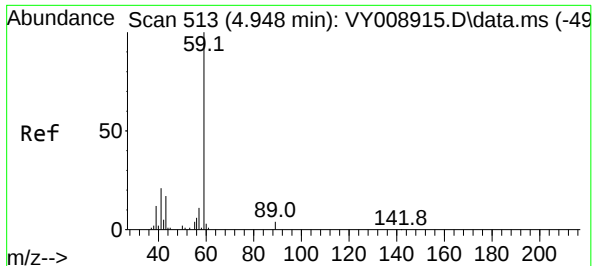
Tgt Ion:168 Resp: 138310
Ion Ratio Lower Upper
168 100
99 55.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.187 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY008924.D
Acq: 21 May 2022 00:05

Tgt Ion: 85 Resp: 1501
Ion Ratio Lower Upper
85 100
87 23.0 16.1 48.2





#11

Tert butyl alcohol

Concen: 6.836 ug/l

RT: 4.936 min Scan# 511

Delta R.T. -0.012 min

Lab File: VY008924.D

Acq: 21 May 2022 00:05

Instrument :

MSVOA_Y

ClientSampleId :

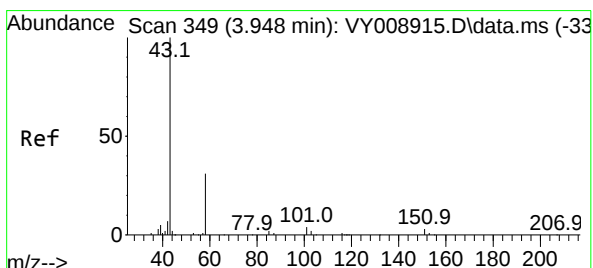
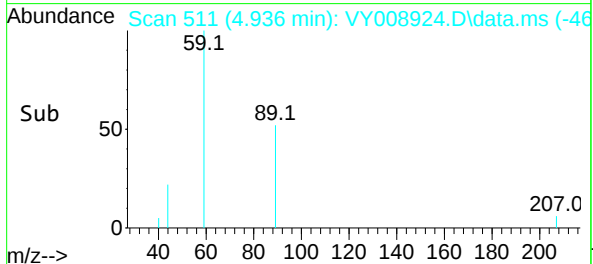
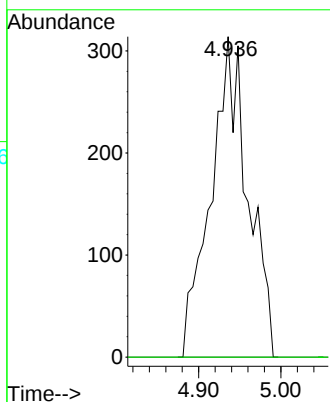
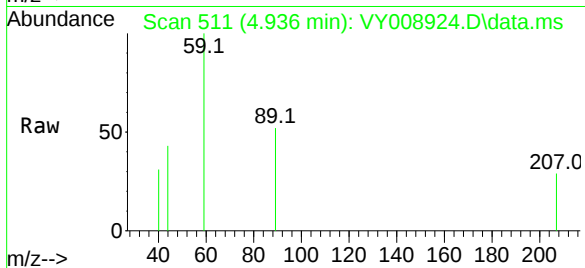
BI-2

Tgt Ion: 59 Resp: 987

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 1.748 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY008924.D

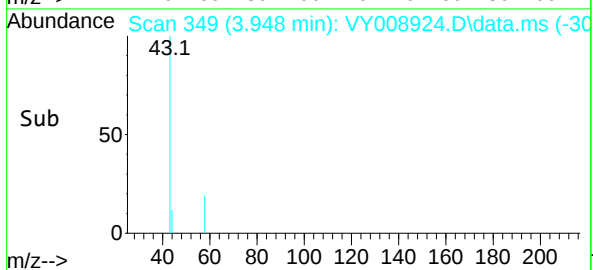
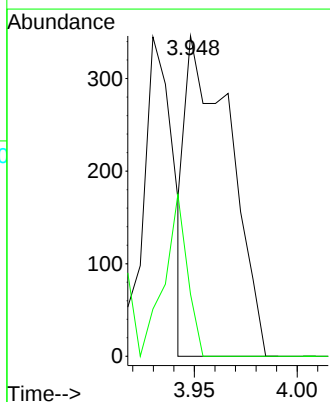
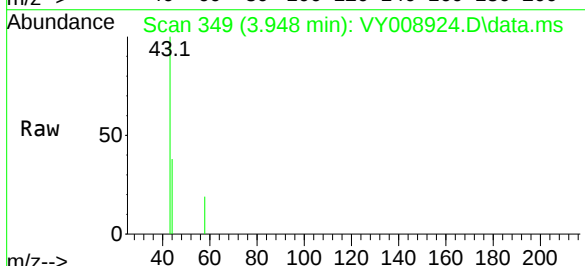
Acq: 21 May 2022 00:05

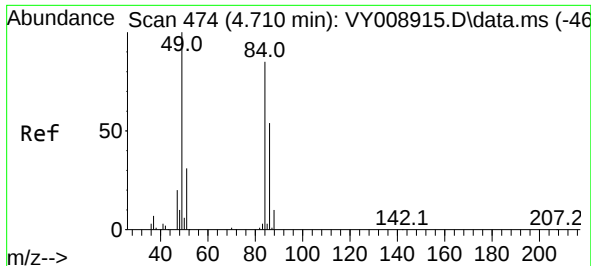
Tgt Ion: 43 Resp: 518

Ion Ratio Lower Upper

43 100

58 19.4 22.0 33.0#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.704 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY008924.D

Acq: 21 May 2022 00:05

Instrument :

MSVOA_Y

ClientSampleId :

BI-2

Tgt Ion: 84 Resp: 4790

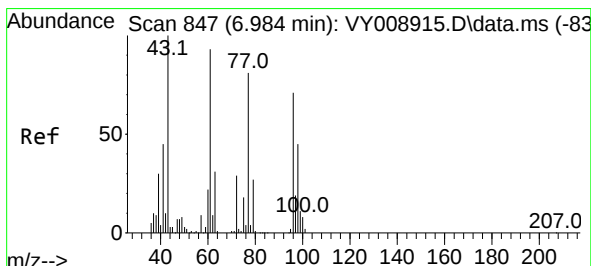
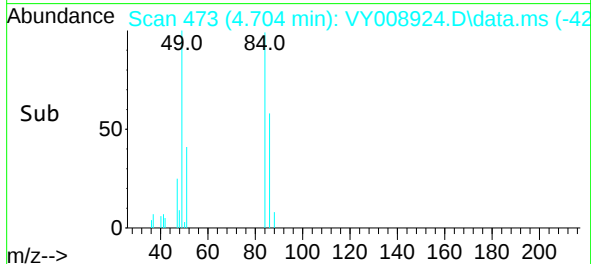
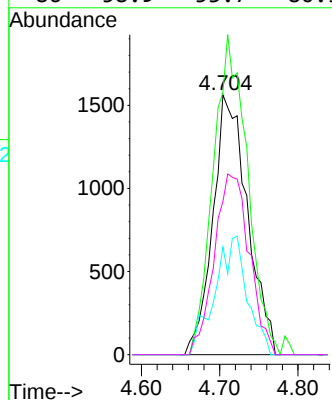
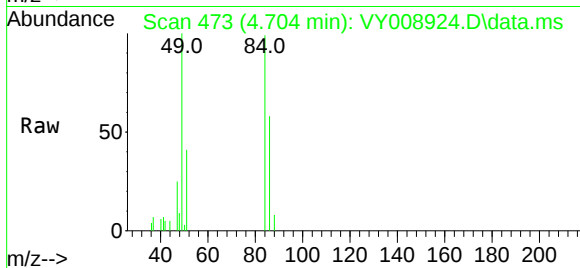
Ion Ratio Lower Upper

84 100

49 101.0 114.4 171.6#

51 41.5 35.3 52.9

86 58.9 53.7 80.5



#25

2-Butanone

Concen: 1.965 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.012 min

Lab File: VY008924.D

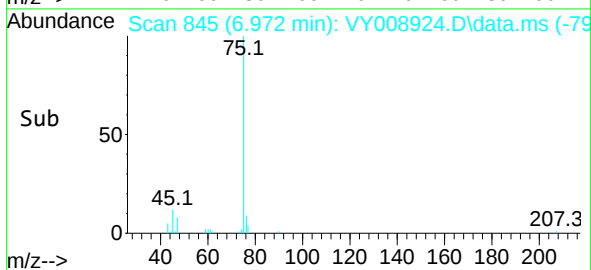
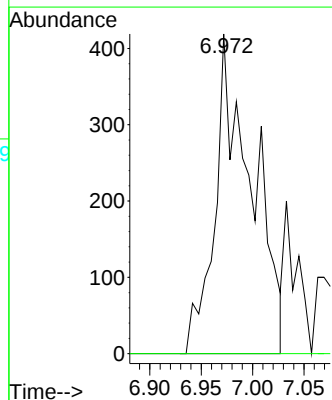
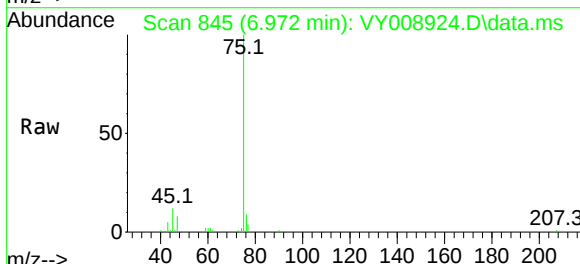
Acq: 21 May 2022 00:05

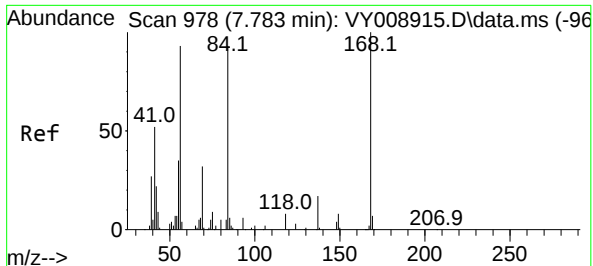
Tgt Ion: 43 Resp: 1040

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#

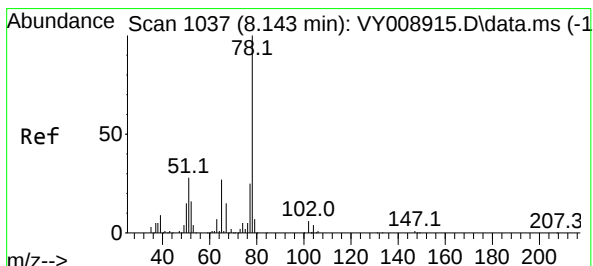
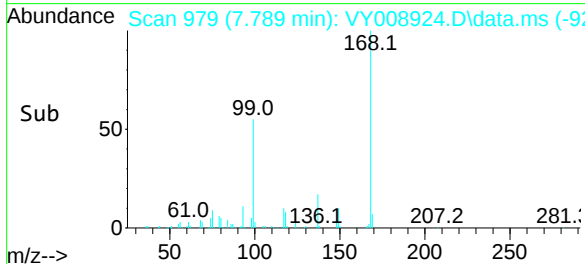
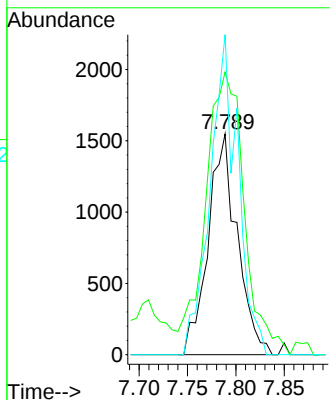
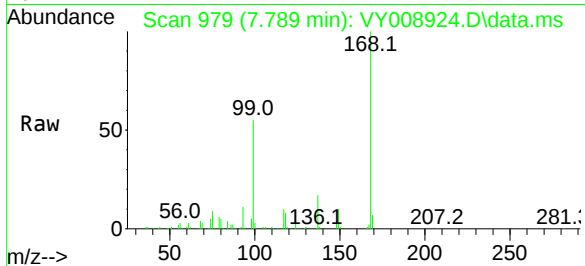




#31
Cyclohexane
Concen: 1.164 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008924.D
Acq: 21 May 2022 00:05

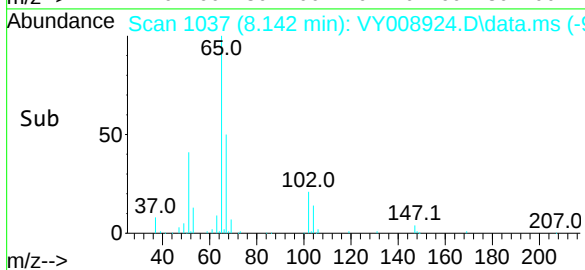
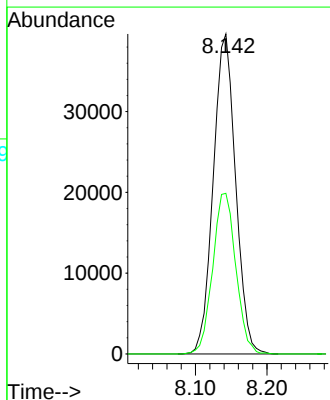
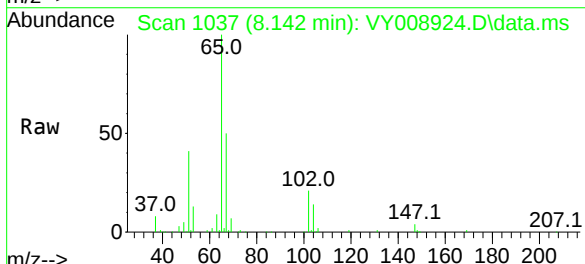
Instrument :
MSVOA_Y
ClientSampleId :
BI-2

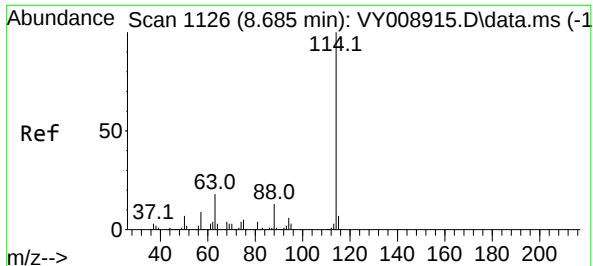
Tgt Ion: 56 Resp: 3241
Ion Ratio Lower Upper
56 100
69 119.6 26.7 40.1#
84 144.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 60.366 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY008924.D
Acq: 21 May 2022 00:05

Tgt Ion: 65 Resp: 85929
Ion Ratio Lower Upper
65 100
67 52.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY008924.D

Acq: 21 May 2022 00:05

Instrument :

MSVOA_Y

ClientSampleId :

BI-2

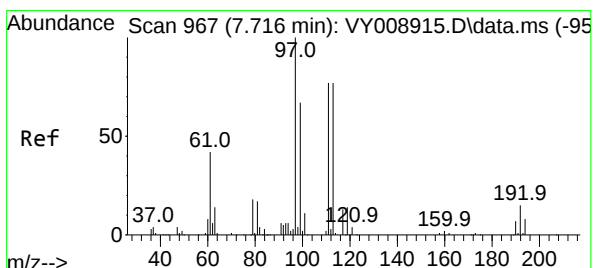
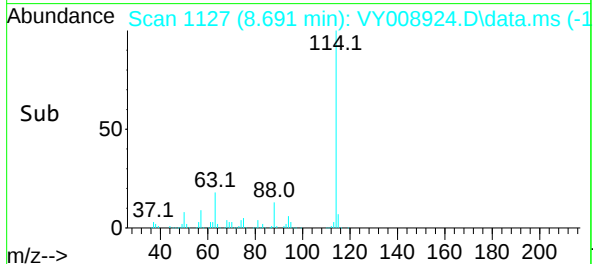
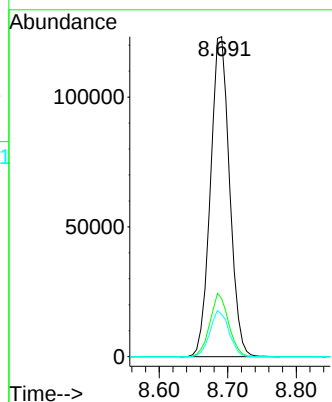
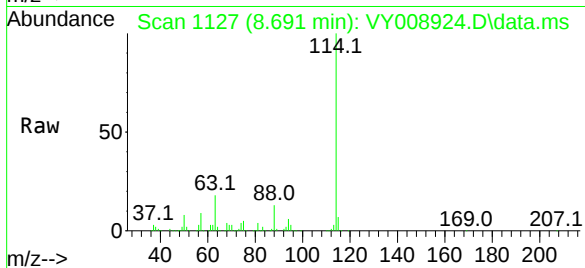
Tgt Ion:114 Resp: 239009

Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 13.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.634 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008924.D

Acq: 21 May 2022 00:05

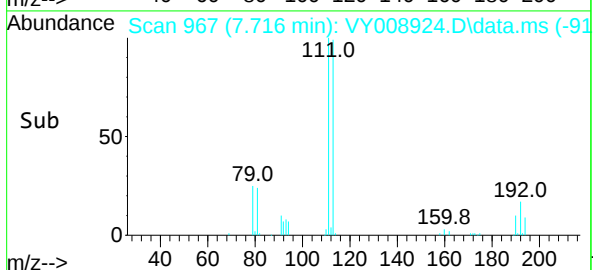
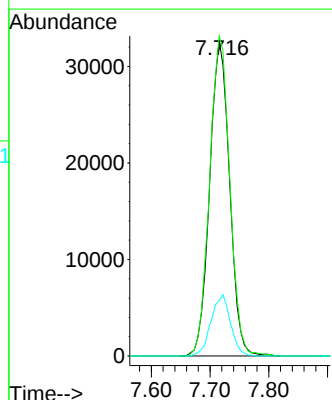
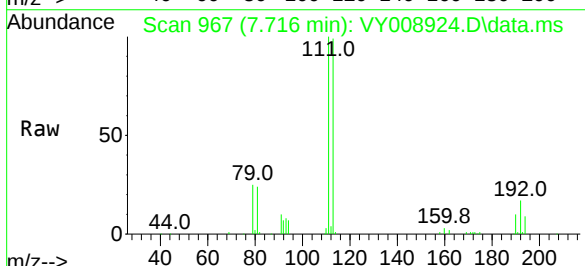
Tgt Ion:113 Resp: 76742

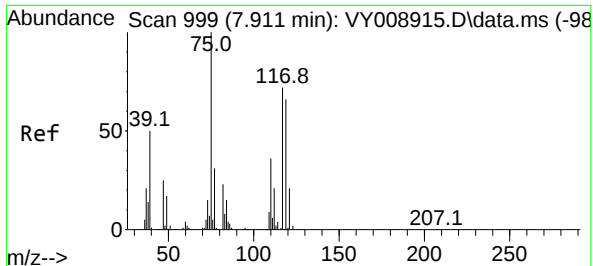
Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 19.0 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.720 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY008924.D

Acq: 21 May 2022 00:05

Instrument :

MSVOA_Y

ClientSampleId :

BI-2

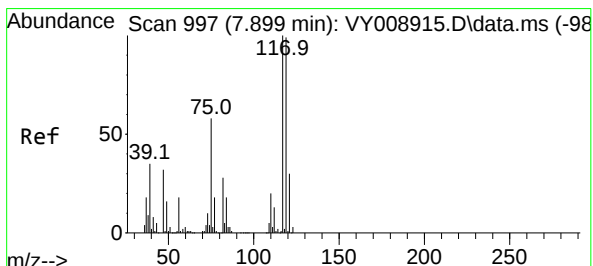
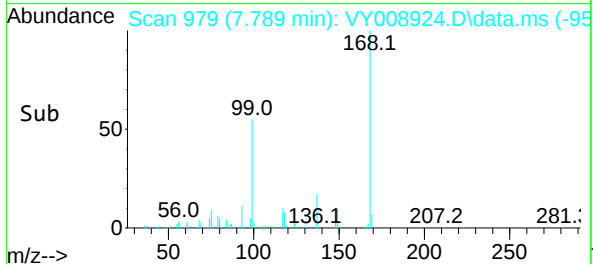
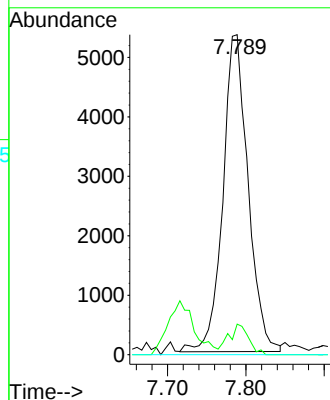
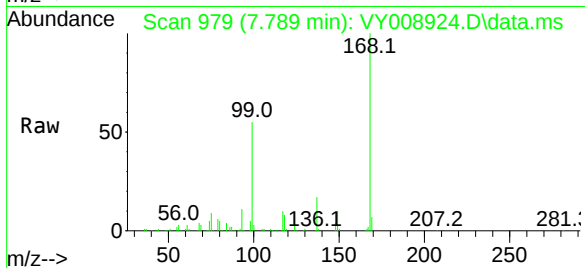
Tgt Ion: 75 Resp: 11938

Ion Ratio Lower Upper

75 100

110 7.6 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.020 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008924.D

Acq: 21 May 2022 00:05

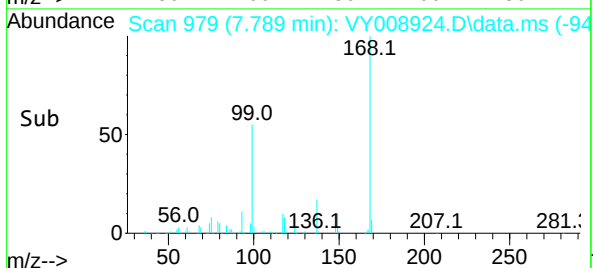
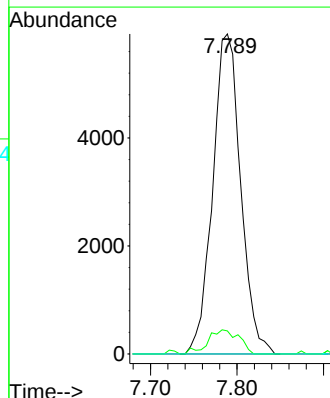
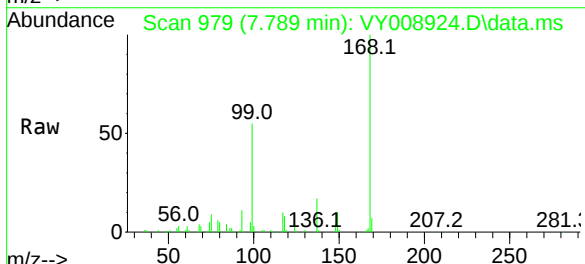
Tgt Ion: 117 Resp: 13282

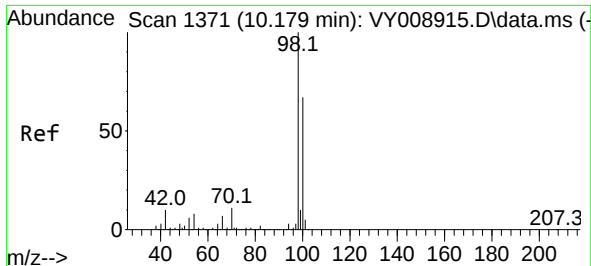
Ion Ratio Lower Upper

117 100

119 7.2 77.9 116.9#

121 0.0 24.8 37.2#

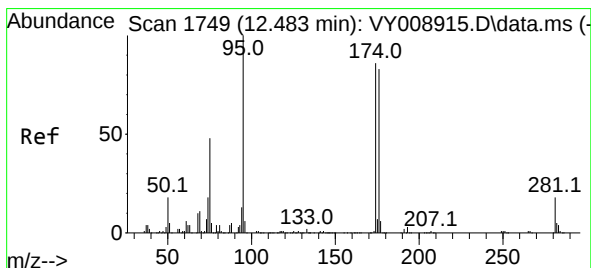
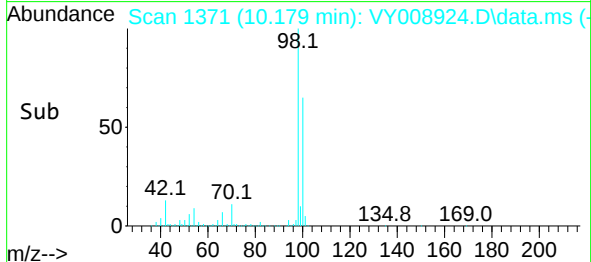
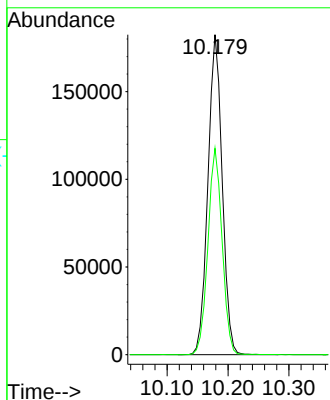
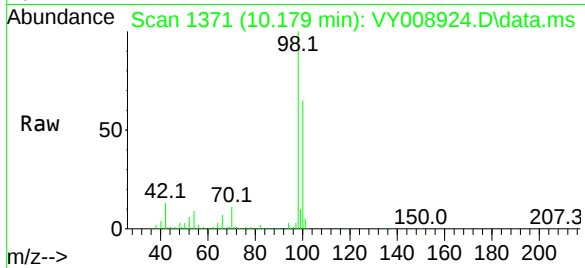




#50
Toluene-d8
Concen: 54.187 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008924.D
Acq: 21 May 2022 00:05

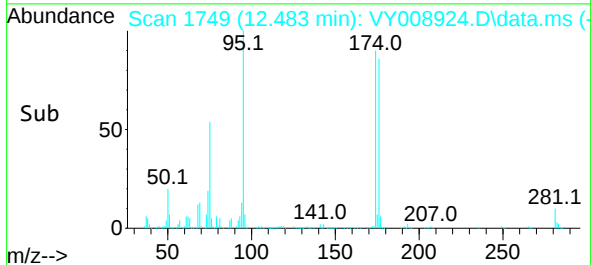
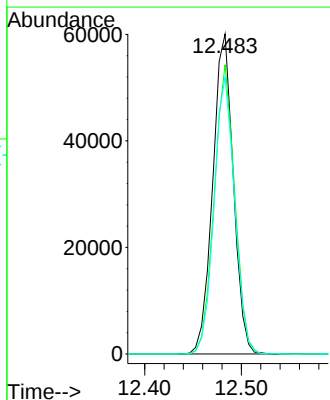
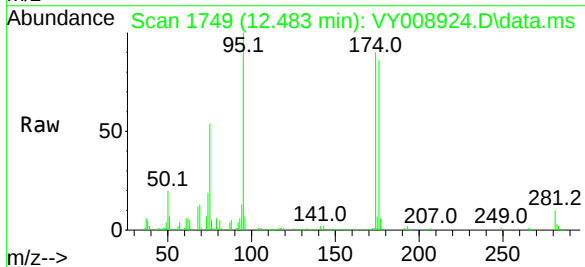
Instrument :
MSVOA_Y
ClientSampleId :
BI-2

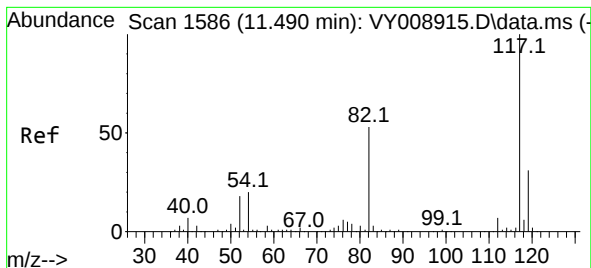
Tgt Ion: 98 Resp: 297106
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.049 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008924.D
Acq: 21 May 2022 00:05

Tgt Ion: 95 Resp: 88579
Ion Ratio Lower Upper
95 100
174 90.4 0.0 177.0
176 86.4 0.0 175.8

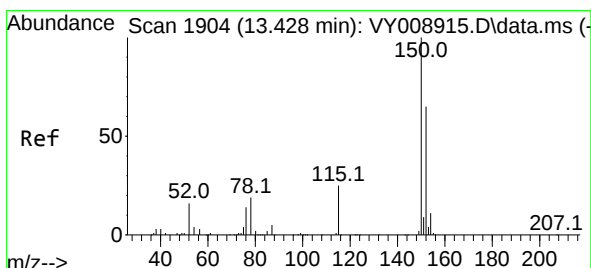
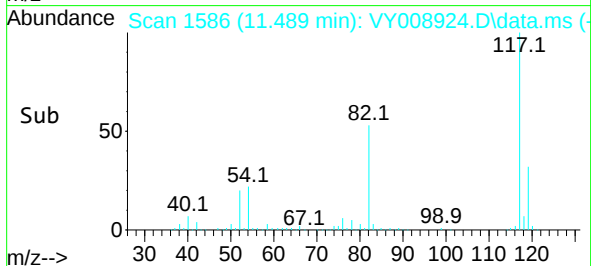
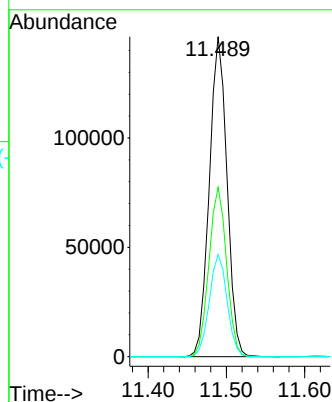
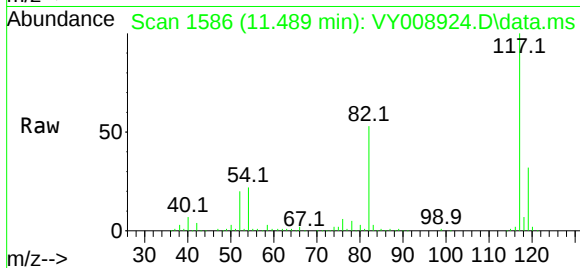




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY008924.D
Acq: 21 May 2022 00:05

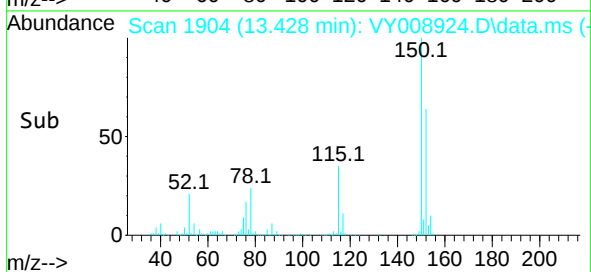
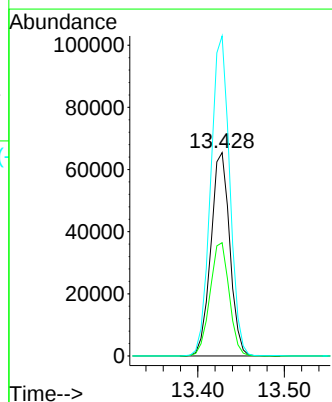
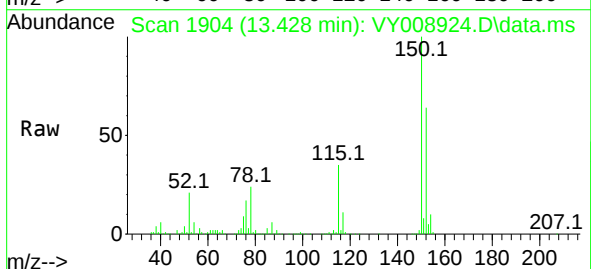
Instrument :
MSVOA_Y
ClientSampleId :
BI-2

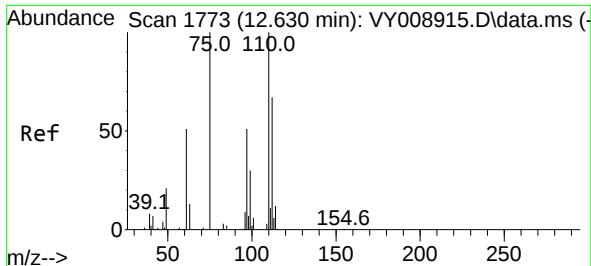
Tgt Ion:117 Resp: 229073
Ion Ratio Lower Upper
117 100
82 52.9 43.0 64.4
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008924.D
Acq: 21 May 2022 00:05

Tgt Ion:152 Resp: 99234
Ion Ratio Lower Upper
152 100
115 56.5 28.2 84.7
150 158.3 0.0 347.6

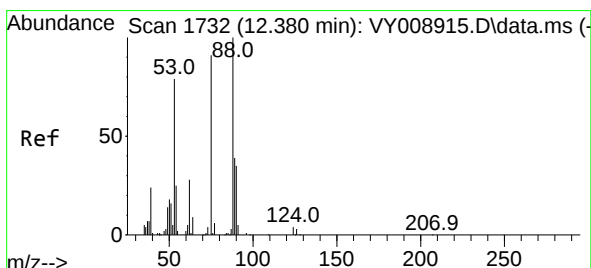
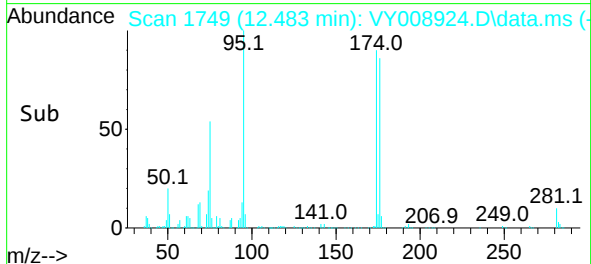
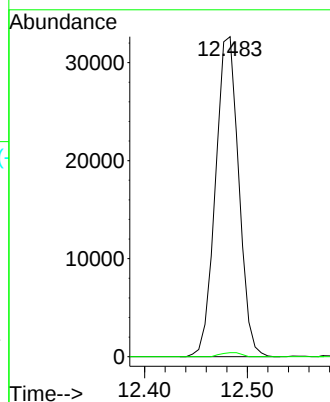
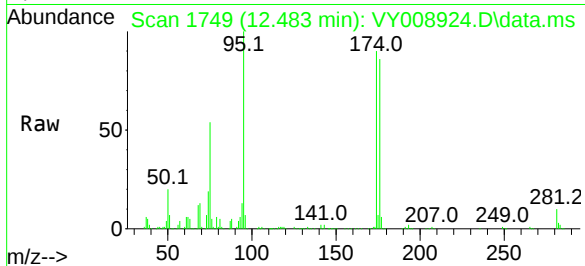




#76
1,2,3-Trichloropropane
Concen: 48.068 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY008924.D
Acq: 21 May 2022 00:05

Instrument :
MSVOA_Y
ClientSampleId :
BI-2

Tgt Ion: 75 Resp: 51224
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.660 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008924.D
Acq: 21 May 2022 00:05

Tgt Ion: 75 Resp: 51224
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#

