

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052022\
 Data File : VY008925.D
 Acq On : 21 May 2022 00:28
 Operator : KP/MD
 Sample : N2908-03
 Misc : 6.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BI-3

Quant Time: May 21 02:48:26 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	135675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	239797	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	227443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	100287	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	87709	62.813	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.620%	
35) Dibromofluoromethane	7.716	113	76315	51.178	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.360%	
50) Toluene-d8	10.179	98	296128	53.831	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.660%	
62) 4-Bromofluorobenzene	12.483	95	88856	40.042	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 80.080%	

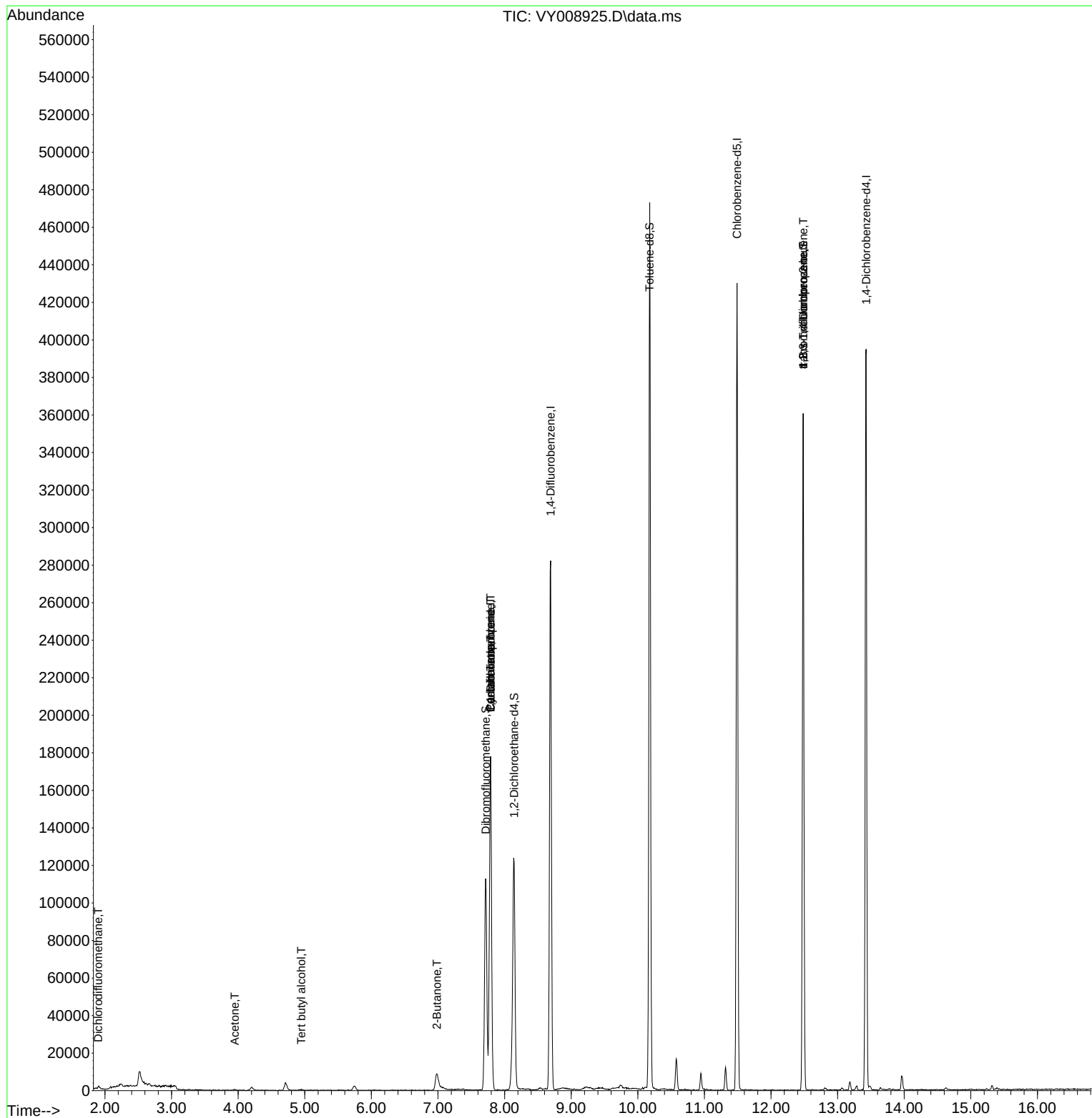
Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.900	85	1256	1.012	ug/l	97
11) Tert butyl alcohol	4.948	59	514	3.629	ug/l #	77
16) Acetone	3.948	43	670	2.305	ug/l #	30
20) Methylene Chloride	4.716	84	2645	Below Cal		87
25) 2-Butanone	6.984	43	646	1.244	ug/l #	54
31) Cyclohexane	7.789	56	3292	1.205	ug/l #	13
36) 1,1-Dichloropropene	7.789	75	11276	4.443	ug/l #	50
38) Carbon Tetrachloride	7.789	117	13859	5.221	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	51928	48.217	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	51928	98.966	ug/l #	7

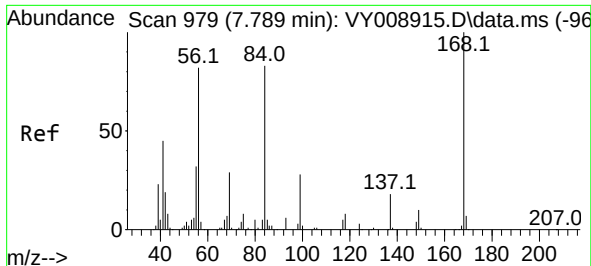
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration

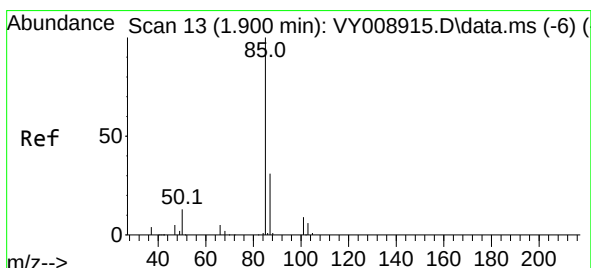
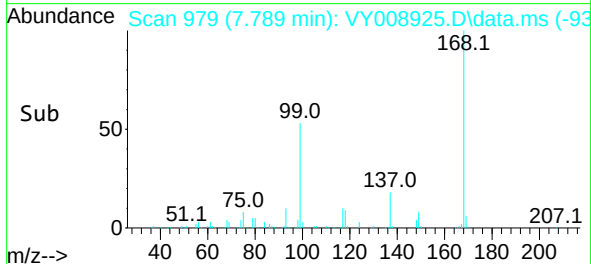
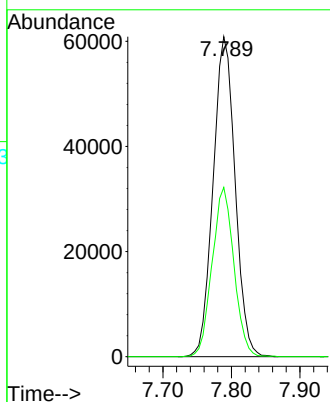
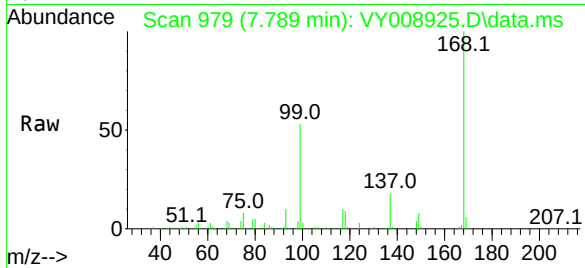




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008925.D
Acq: 21 May 2022 00:28

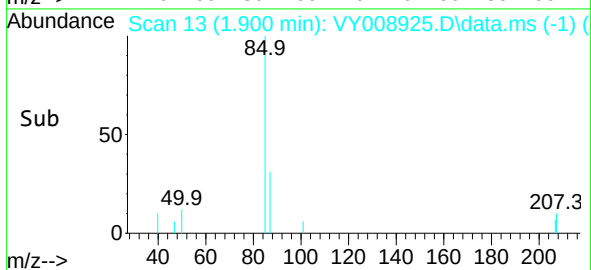
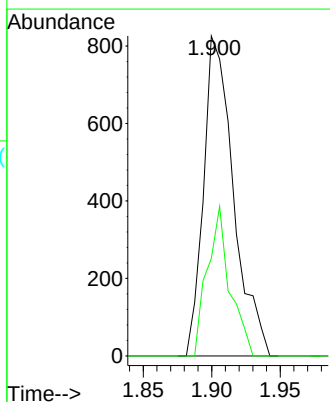
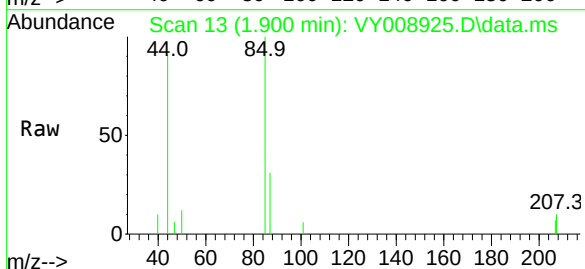
Instrument :
MSVOA_Y
ClientSampleId :
BI-3

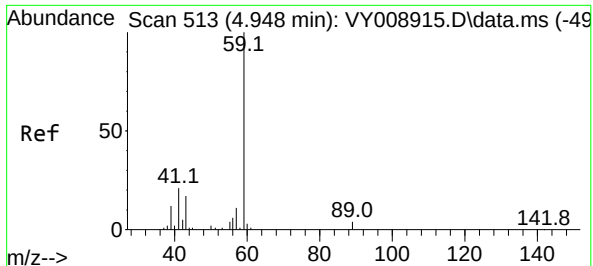
Tgt Ion:168 Resp: 135675
Ion Ratio Lower Upper
168 100
99 52.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.012 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY008925.D
Acq: 21 May 2022 00:28

Tgt Ion: 85 Resp: 1256
Ion Ratio Lower Upper
85 100
87 30.5 16.1 48.2





#11

Tert butyl alcohol

Concen: 3.629 ug/l

RT: 4.948 min Scan# 513

Delta R.T. -0.000 min

Lab File: VY008925.D

Acq: 21 May 2022 00:28

Instrument :

MSVOA_Y

ClientSampleId :

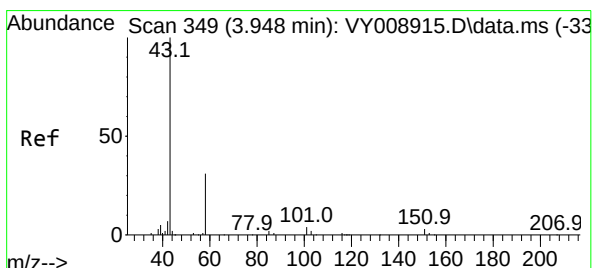
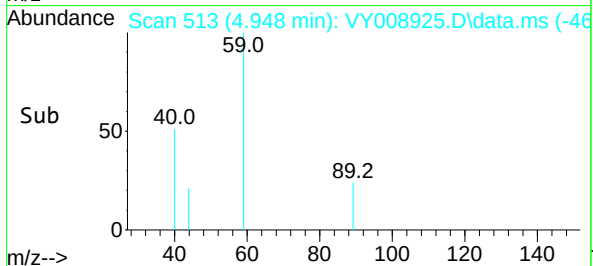
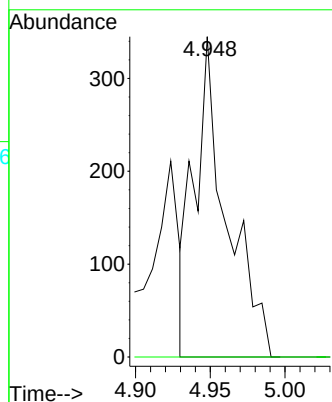
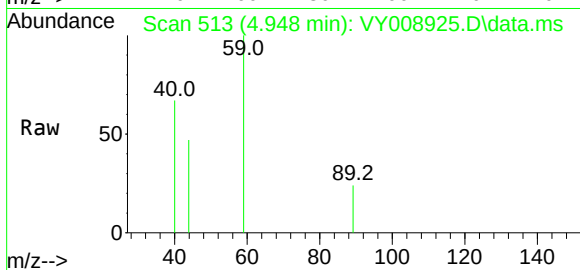
BI-3

Tgt Ion: 59 Resp: 514

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 2.305 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY008925.D

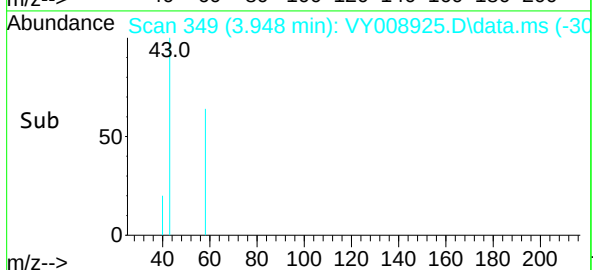
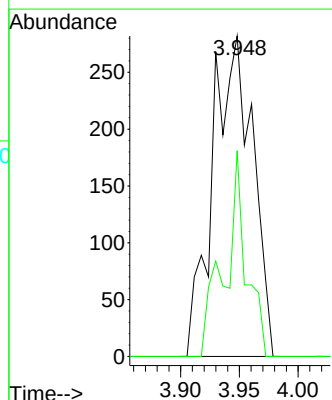
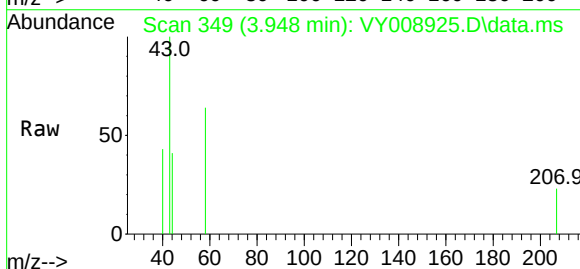
Acq: 21 May 2022 00:28

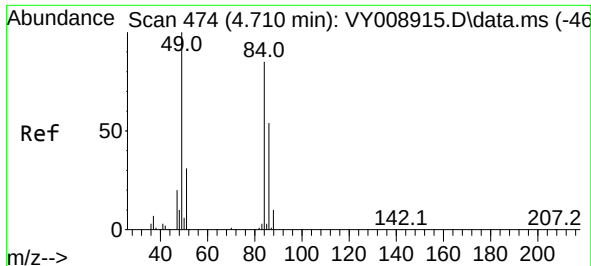
Tgt Ion: 43 Resp: 670

Ion Ratio Lower Upper

43 100

58 64.2 22.0 33.0#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY008925.D

Acq: 21 May 2022 00:28

Instrument :

MSVOA_Y

ClientSampleId :

BI-3

Tgt Ion: 84 Resp: 2645

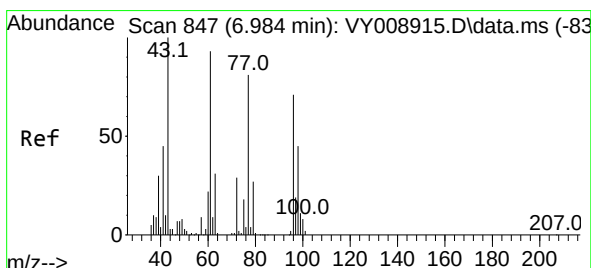
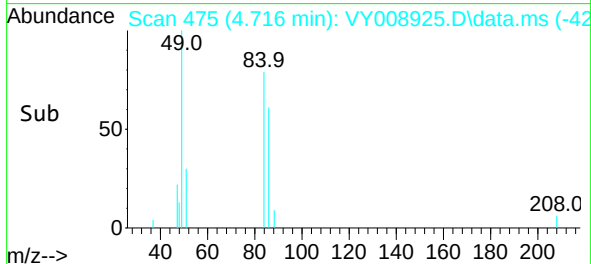
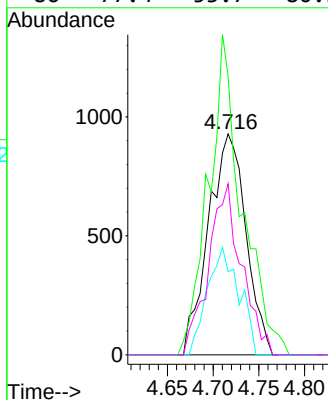
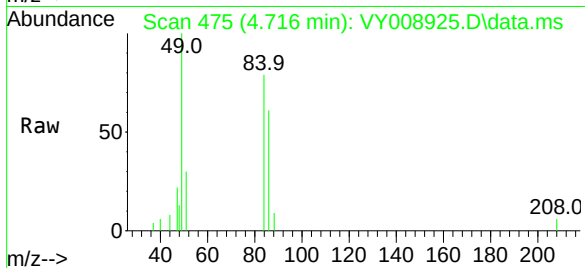
Ion Ratio Lower Upper

84 100

49 126.2 114.4 171.6

51 37.6 35.3 52.9

86 77.4 53.7 80.5



#25

2-Butanone

Concen: 1.244 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008925.D

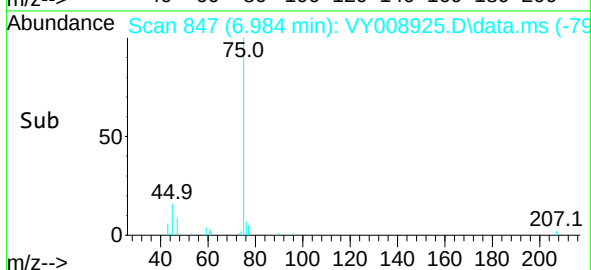
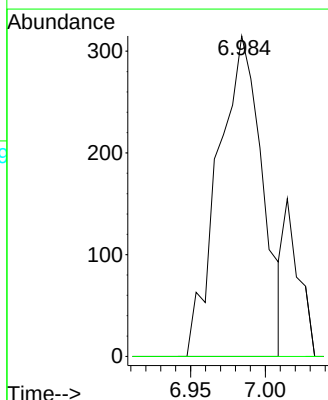
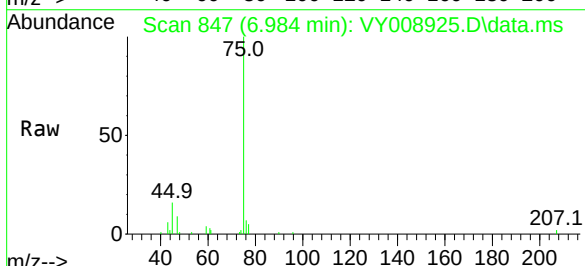
Acq: 21 May 2022 00:28

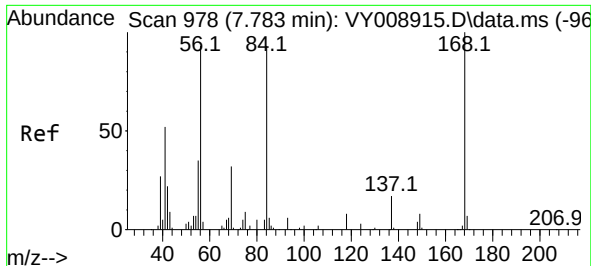
Tgt Ion: 43 Resp: 646

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#

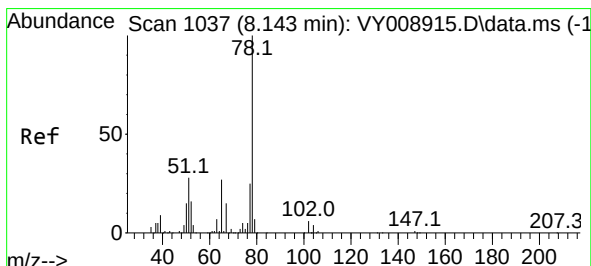
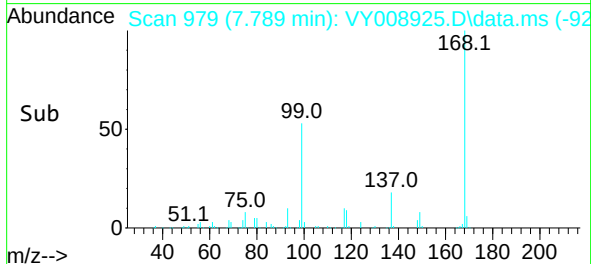
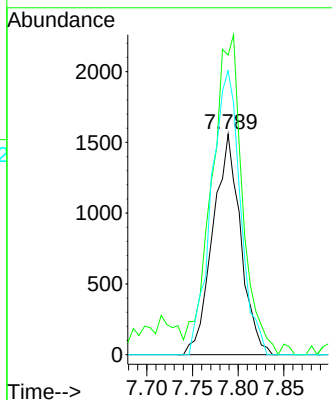
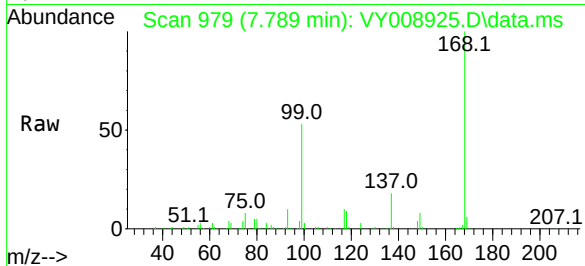




#31
Cyclohexane
Concen: 1.205 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008925.D
Acq: 21 May 2022 00:28

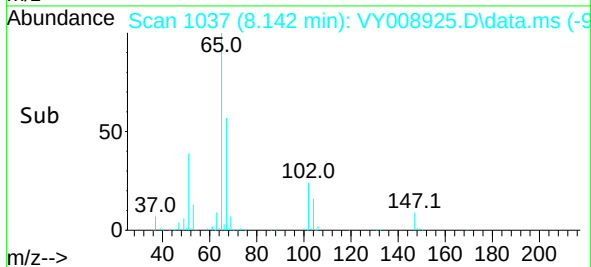
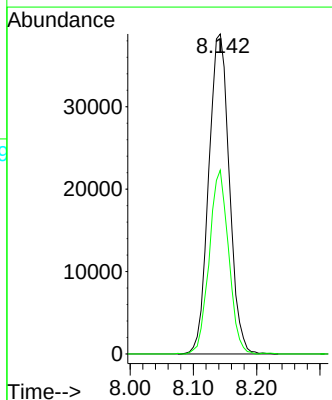
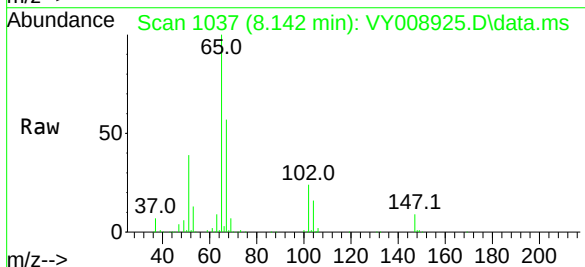
Instrument :
MSVOA_Y
ClientSampleId :
BI-3

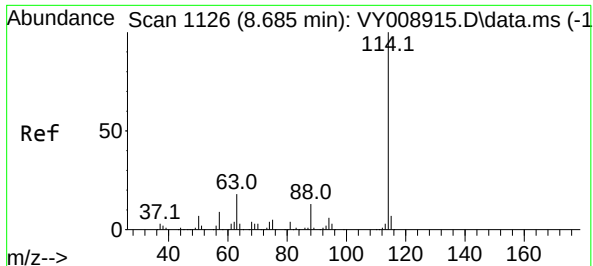
Tgt Ion: 56 Resp: 3292
Ion Ratio Lower Upper
56 100
69 135.8 26.7 40.1#
84 128.8 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 62.813 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY008925.D
Acq: 21 May 2022 00:28

Tgt Ion: 65 Resp: 87709
Ion Ratio Lower Upper
65 100
67 54.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008925.D

Acq: 21 May 2022 00:28

Instrument :

MSVOA_Y

ClientSampleId :

BI-3

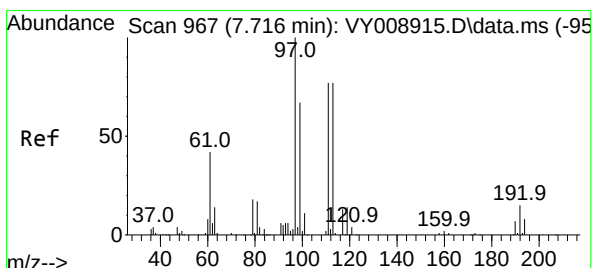
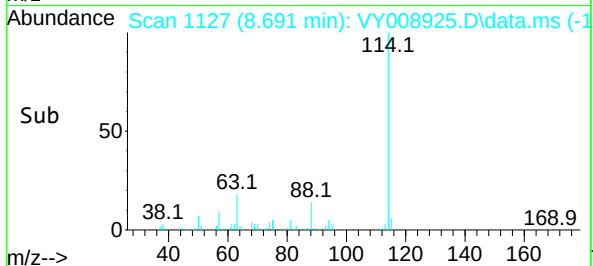
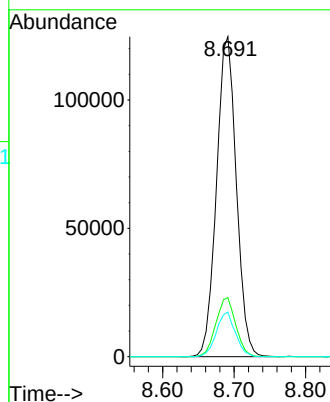
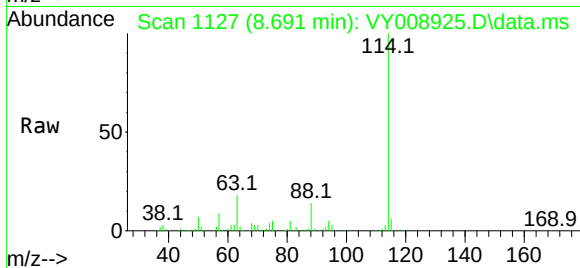
Tgt Ion:114 Resp: 239797

Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 14.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.178 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008925.D

Acq: 21 May 2022 00:28

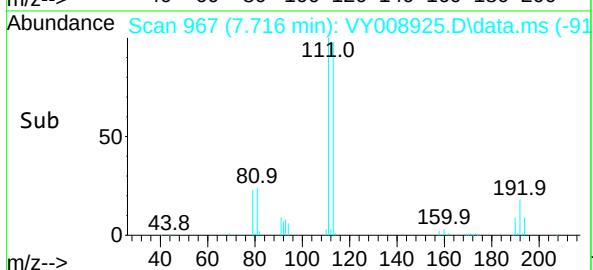
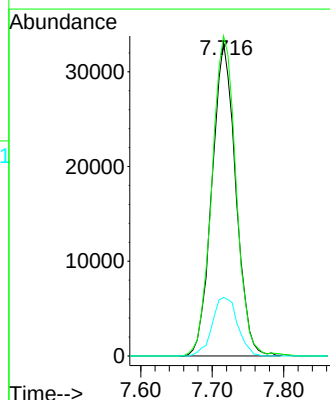
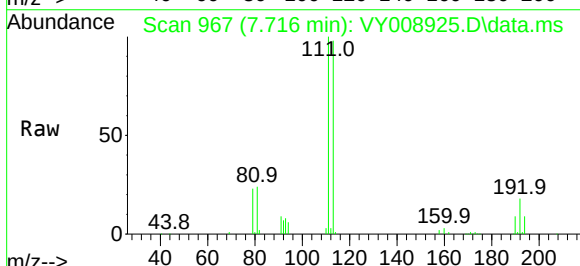
Tgt Ion:113 Resp: 76315

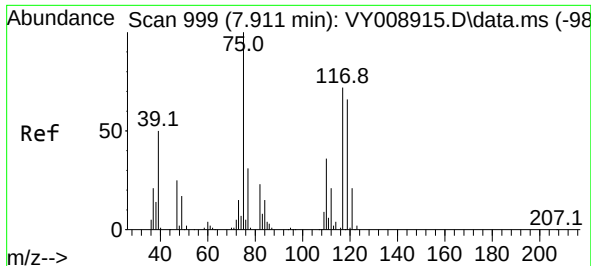
Ion Ratio Lower Upper

113 100

111 104.3 82.6 124.0

192 19.9 17.6 26.4

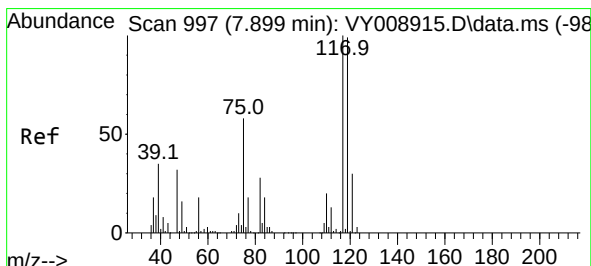
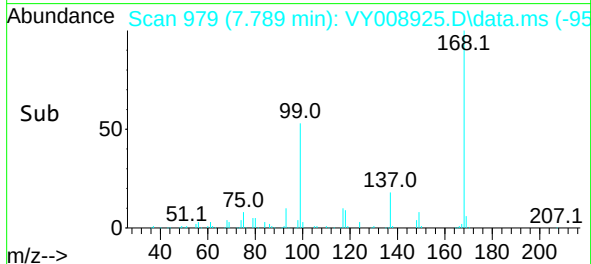
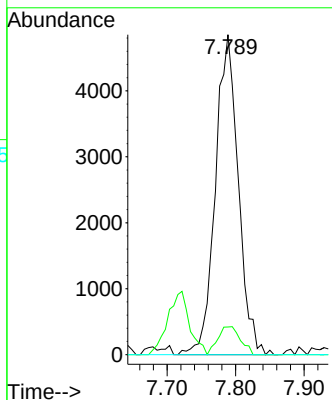
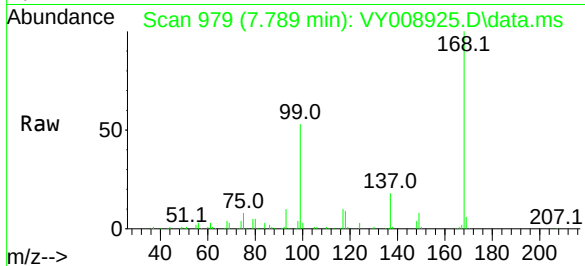




#36
 1,1-Dichloropropene
 Concen: 4.443 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.122 min
 Lab File: VY008925.D
 Acq: 21 May 2022 00:28

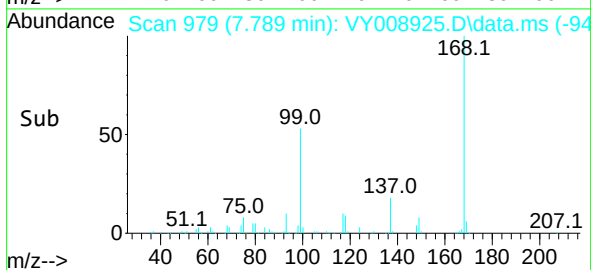
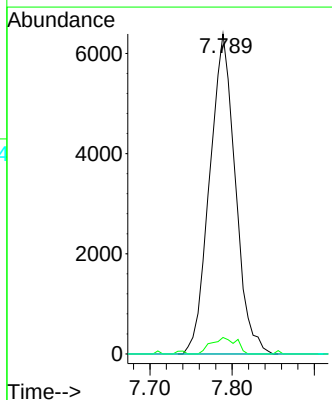
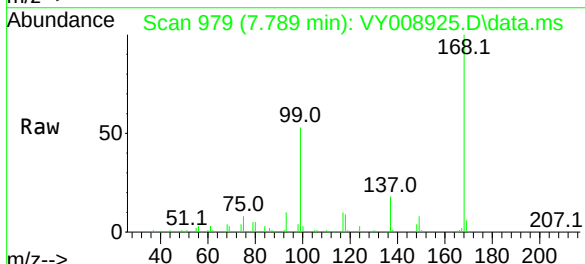
Instrument :
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 ClientSampleId :
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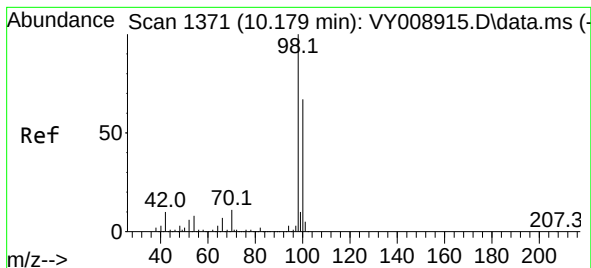
Tgt Ion: 75 Resp: 11276
 Ion Ratio Lower Upper
 75 100
 110 8.6 17.1 51.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.221 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.110 min
 Lab File: VY008925.D
 Acq: 21 May 2022 00:28

Tgt Ion: 117 Resp: 13859
 Ion Ratio Lower Upper
 117 100
 119 4.3 77.9 116.9#
 121 0.0 24.8 37.2#

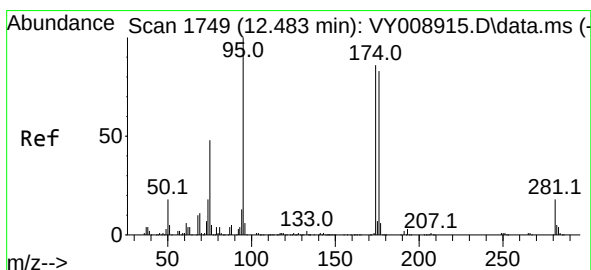
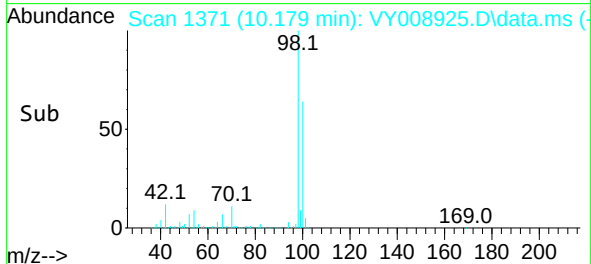
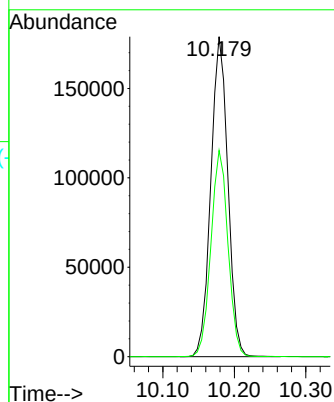
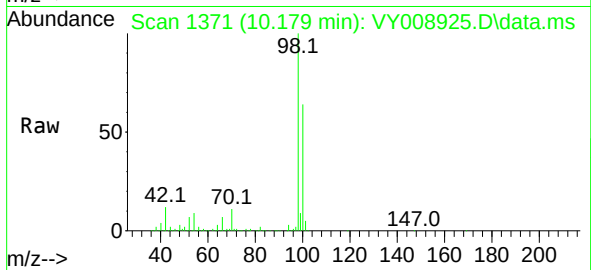




#50
Toluene-d8
Concen: 53.831 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008925.D
Acq: 21 May 2022 00:28

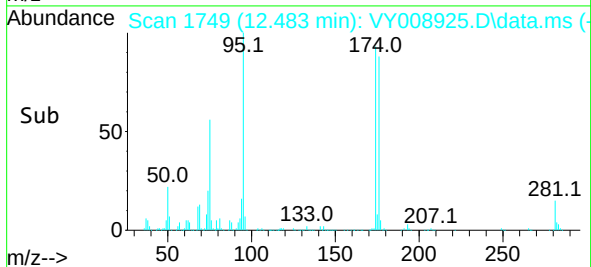
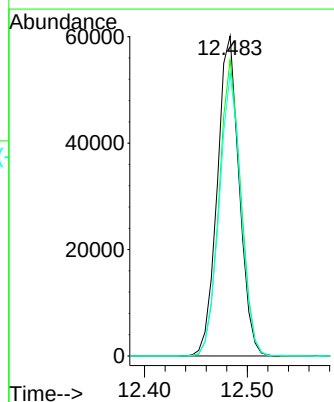
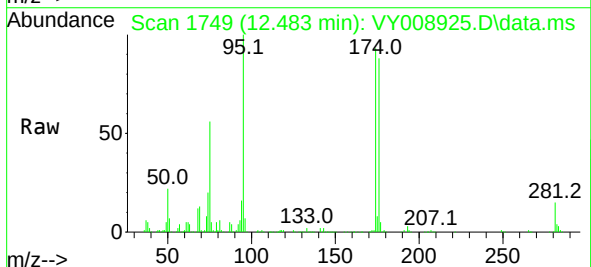
Instrument :
MSVOA_Y
ClientSampleId :
BI-3

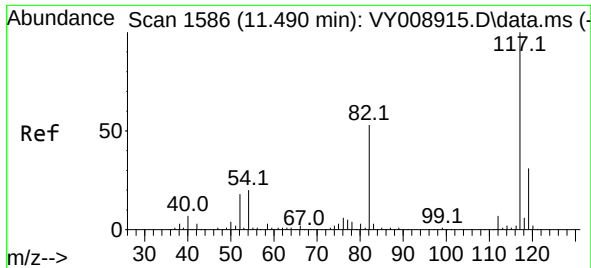
Tgt Ion: 98 Resp: 296128
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.042 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008925.D
Acq: 21 May 2022 00:28

Tgt Ion: 95 Resp: 88856
Ion Ratio Lower Upper
95 100
174 91.6 0.0 177.0
176 87.7 0.0 175.8

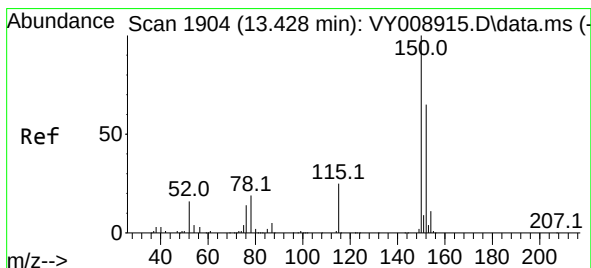
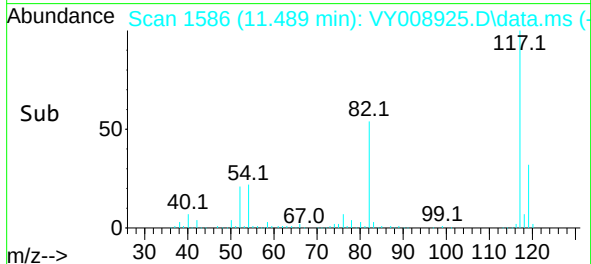
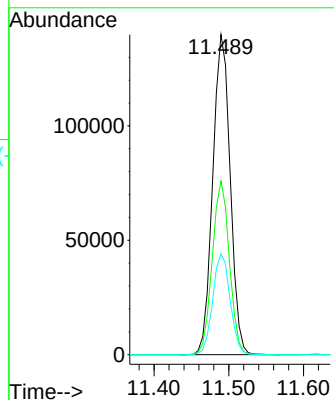
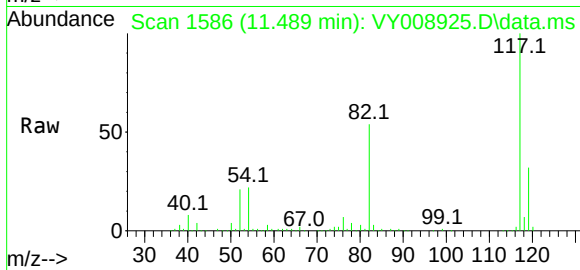




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY008925.D
Acq: 21 May 2022 00:28

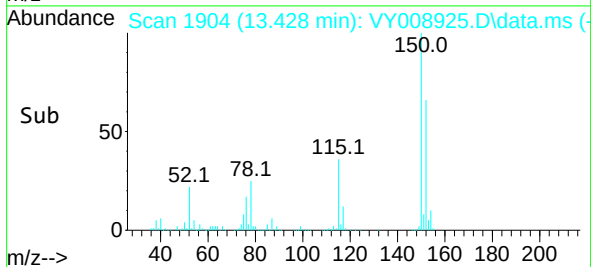
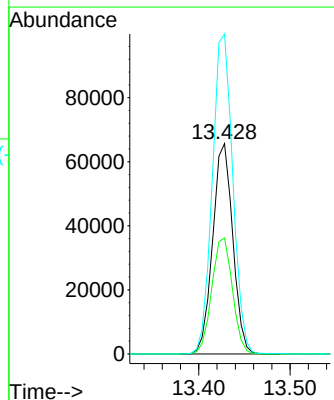
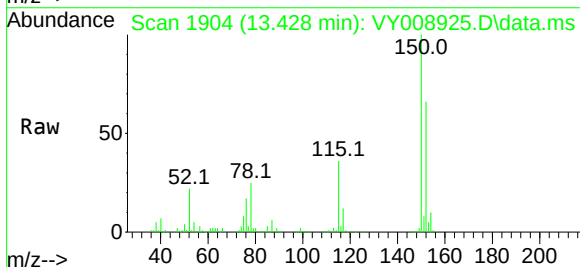
Instrument :
MSVOA_Y
ClientSampleId :
BI-3

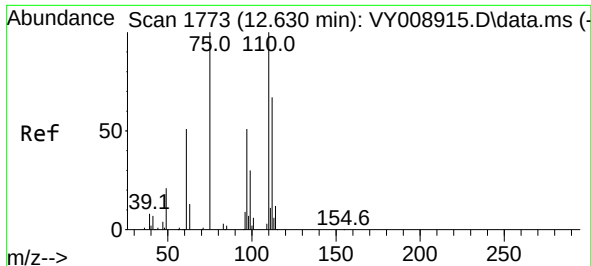
Tgt Ion:117 Resp: 227443
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.4
119 31.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008925.D
Acq: 21 May 2022 00:28

Tgt Ion:152 Resp: 100287
Ion Ratio Lower Upper
152 100
115 56.6 28.2 84.7
150 154.8 0.0 347.6

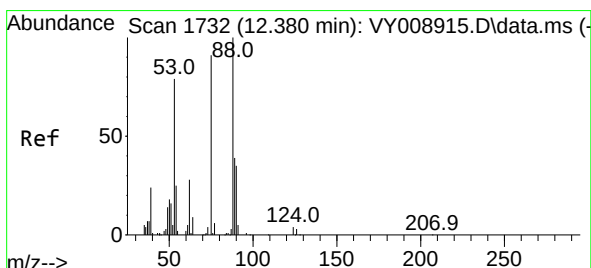
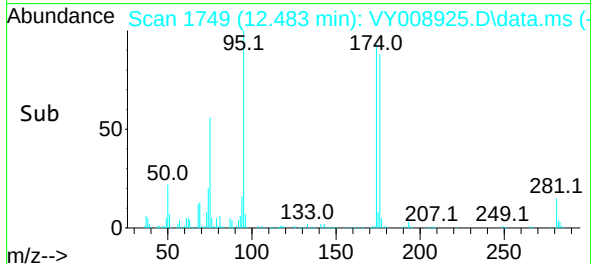
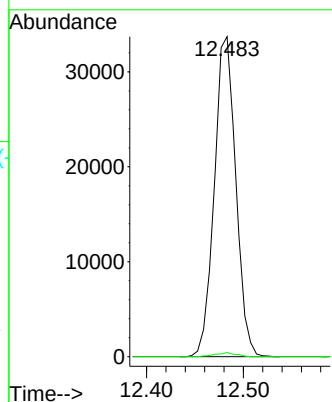
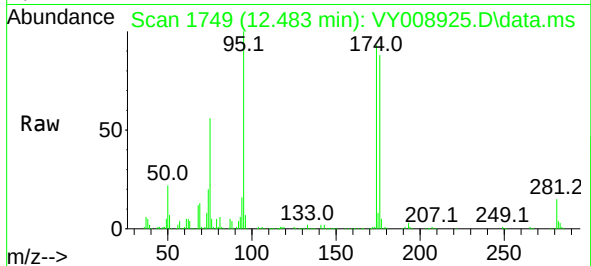




#76
1,2,3-Trichloropropane
Concen: 48.217 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY008925.D
Acq: 21 May 2022 00:28

Instrument :
MSVOA_Y
ClientSampleId :
BI-3

Tgt Ion: 75 Resp: 51928
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.966 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008925.D
Acq: 21 May 2022 00:28

Tgt Ion: 75 Resp: 51928
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.2 37.0 55.4#

