

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
 Data File : VY008621.D
 Acq On : 04 May 2022 18:44
 Operator : KP/MD
 Sample : N2619-16
 Misc : 4.950g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB07-13-14-FT

Quant Time: May 05 04:38:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:57:20 2022
 Response via : Initial Calibration

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

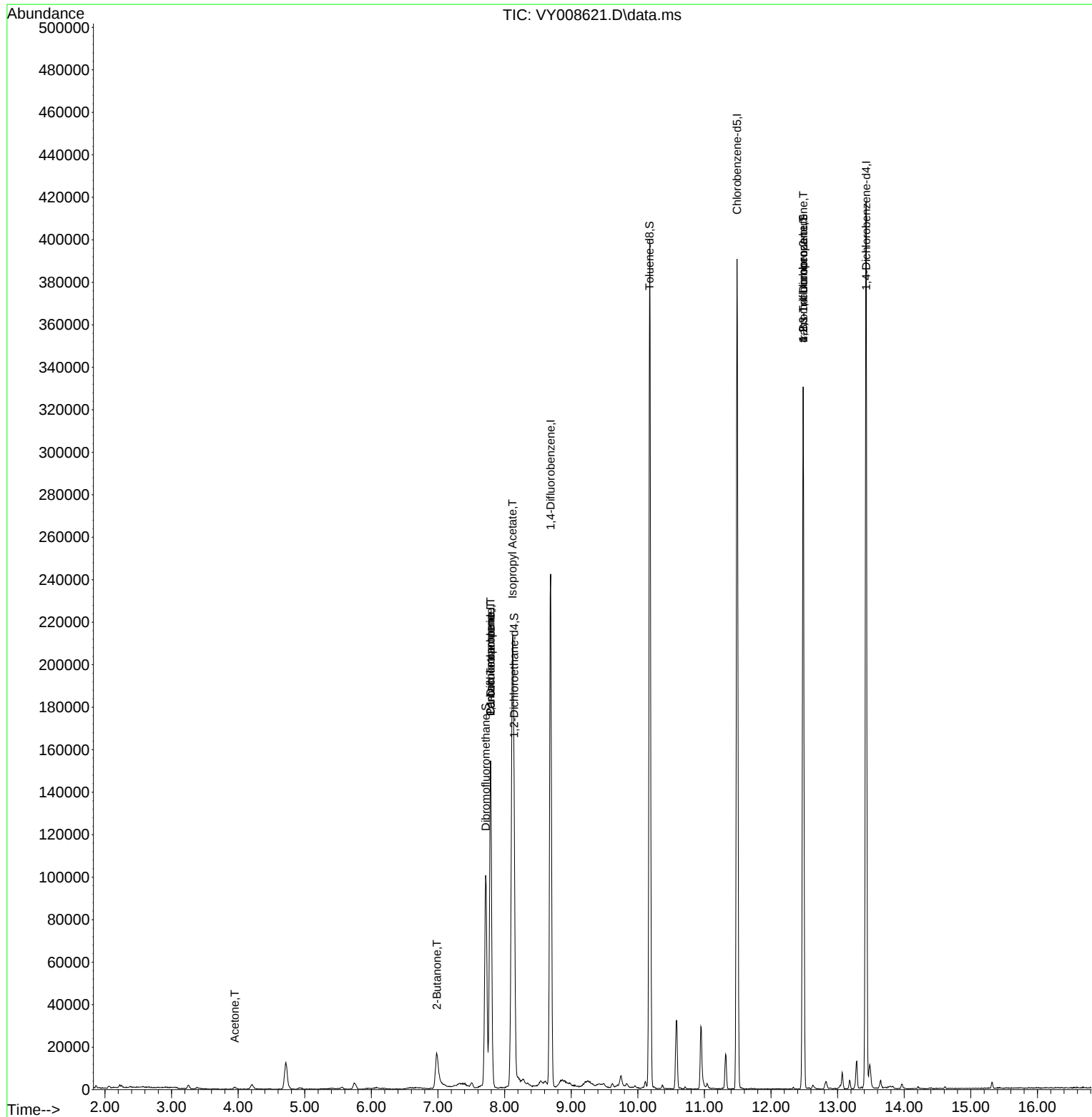
Internal Standards						
1) Pentafluorobenzene	7.789	168	129390	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	226324	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	235042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	115419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	62201	49.461	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.920%		
35) Dibromofluoromethane	7.716	113	71270	47.590	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.180%		
50) Toluene-d8	10.179	98	269317	50.760	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.520%		
62) 4-Bromofluorobenzene	12.483	95	96888	49.823	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.640%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	169	Below Cal	#	71
11) Tert butyl alcohol	4.936	59	814	Below Cal	#	77
16) Acetone	3.948	43	1726	6.370	ug/l	94
18) Methyl Acetate	4.472	43	383	Below Cal	#	79
25) 2-Butanone	6.984	43	688	1.582	ug/l	# 54
36) 1,1-Dichloropropene	7.789	75	8863	3.806	ug/l	# 49
38) Carbon Tetrachloride	7.789	117	11448	4.309	ug/l	# 14
43) Isopropyl Acetate	8.118	43	3415	1.572	ug/l	# 1
76) 1,2,3-Trichloropropane	12.483	75	47494	38.548	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	47494	78.153	ug/l	# 7

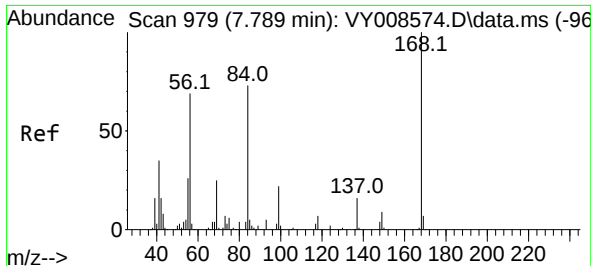
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
Data File : VY008621.D
Acq On : 04 May 2022 18:44
Operator : KP/MD
Sample : N2619-16
Misc : 4.950g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB07-13-14-FT

Quant Time: May 05 04:38:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
Quant Title : SW846 8260
QLast Update : Tue May 03 01:57:20 2022
Response via : Initial Calibration

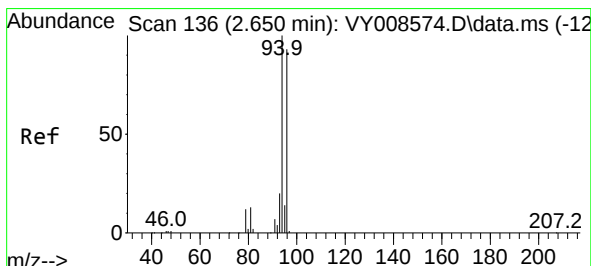
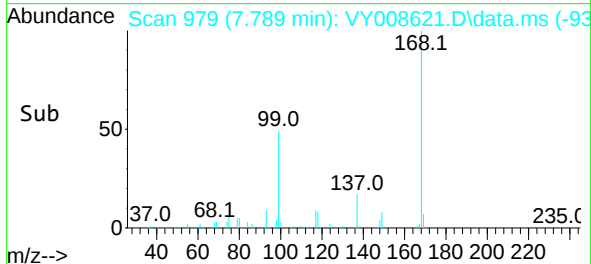
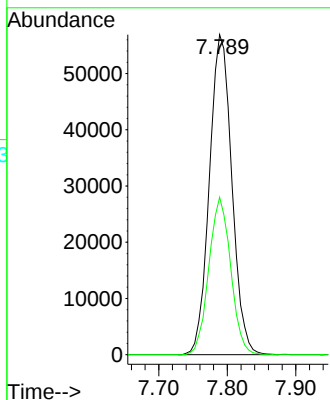
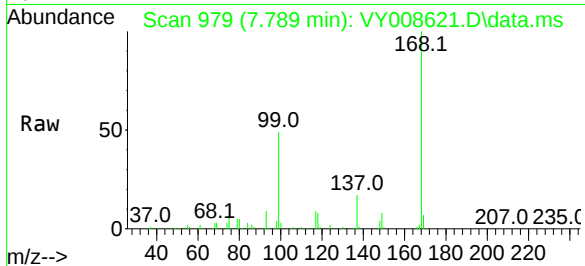




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008621.D
Acq: 04 May 2022 18:44

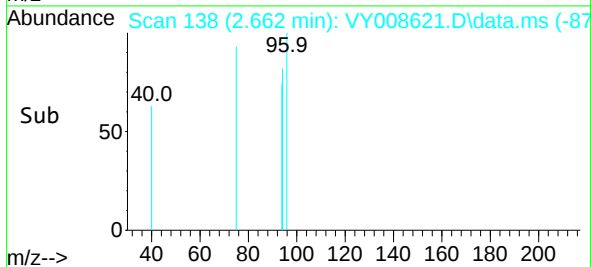
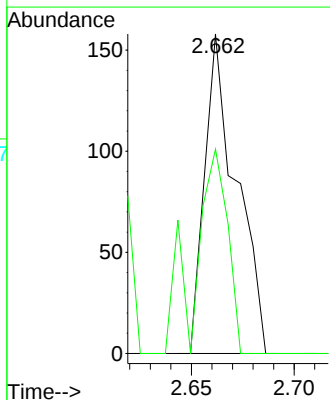
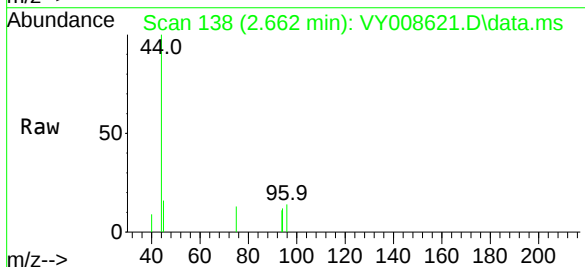
Instrument :
MSVOA_Y
ClientSampleId :
SB07-13-14-FT

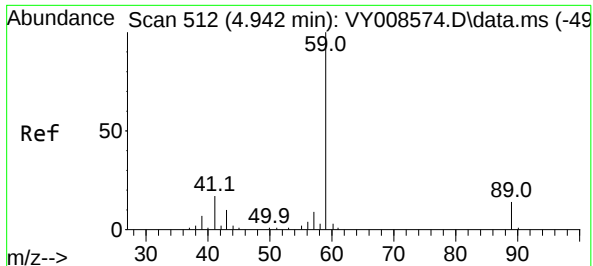
Tgt Ion:168 Resp: 129390
Ion Ratio Lower Upper
168 100
99 49.2 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.012 min
Lab File: VY008621.D
Acq: 04 May 2022 18:44

Tgt Ion: 94 Resp: 169
Ion Ratio Lower Upper
94 100
96 63.9 73.5 110.3#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.936 min Scan# 512

Delta R.T. -0.006 min

Lab File: VY008621.D

Acq: 04 May 2022 18:44

Instrument :

MSVOA_Y

ClientSampleId :

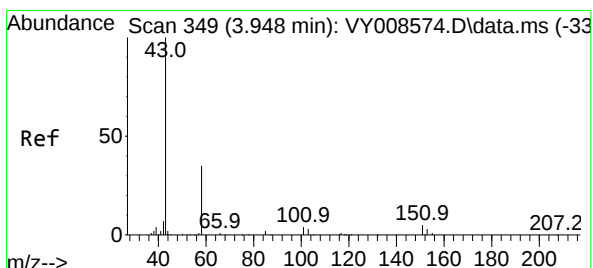
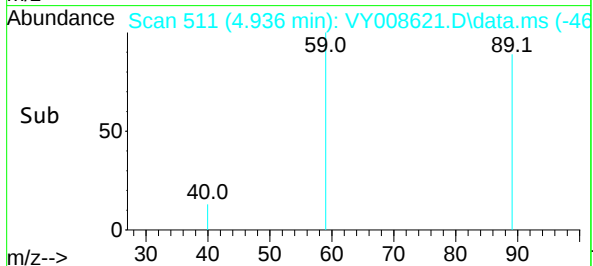
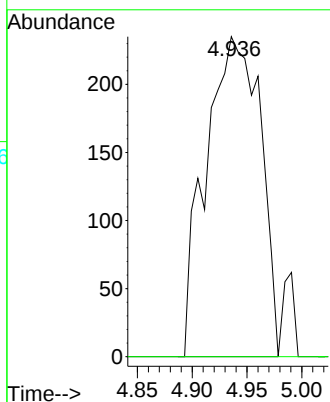
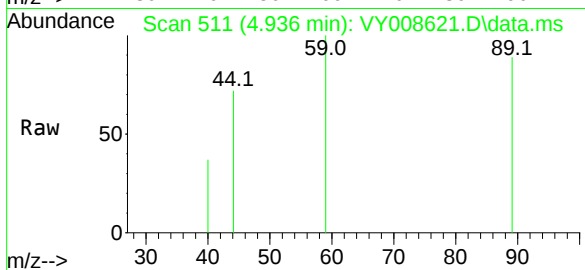
SB07-13-14-FT

Tgt Ion: 59 Resp: 814

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 6.370 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.000 min

Lab File: VY008621.D

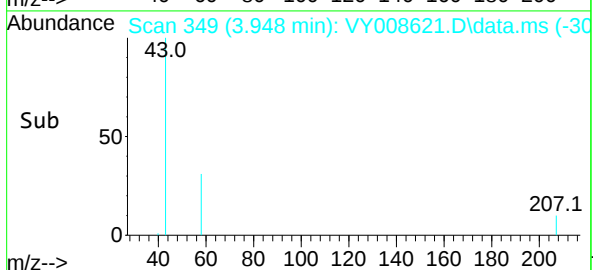
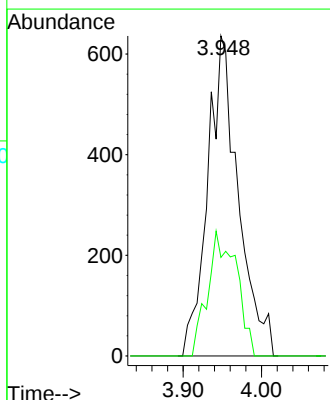
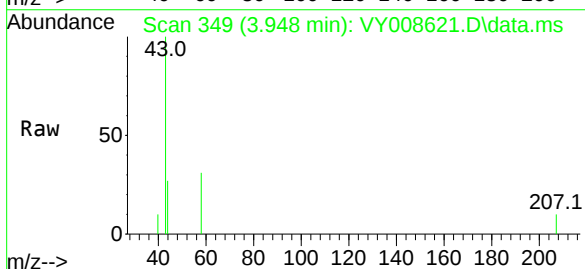
Acq: 04 May 2022 18:44

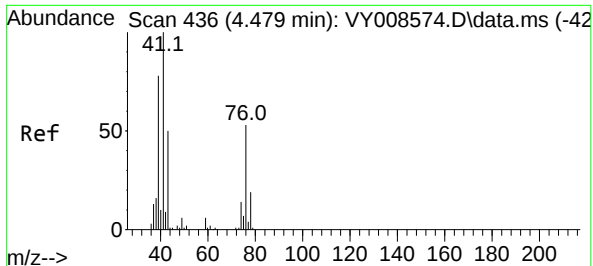
Tgt Ion: 43 Resp: 1726

Ion Ratio Lower Upper

43 100

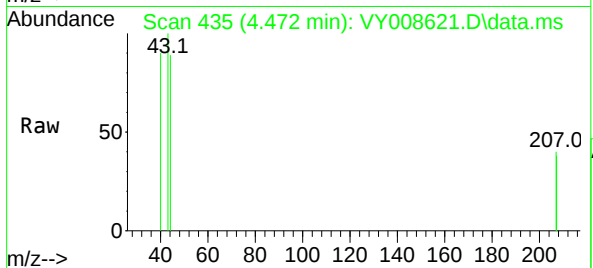
58 30.8 22.0 33.0



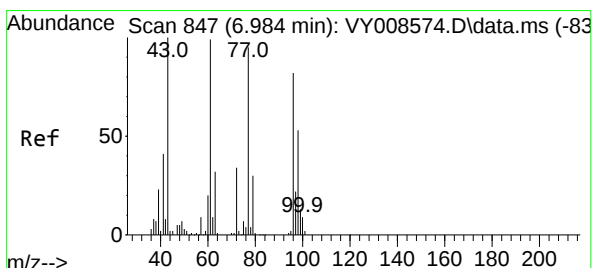
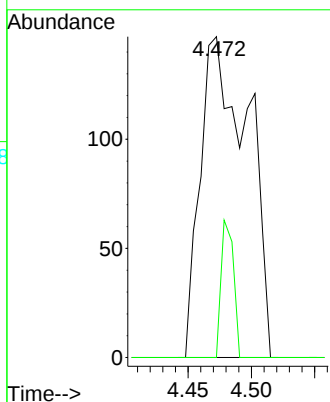
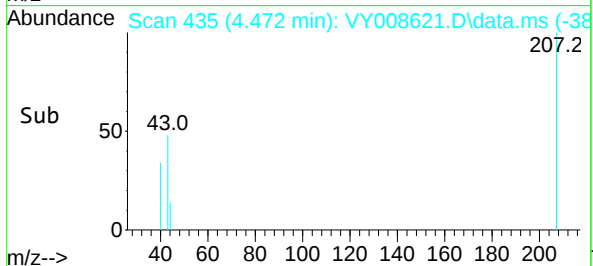


#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 41
Delta R.T. -0.007 min
Lab File: VY008621.D
Acq: 04 May 2022 18:44

Instrument :
MSVOA_Y
ClientSampleId :
SB07-13-14-FT

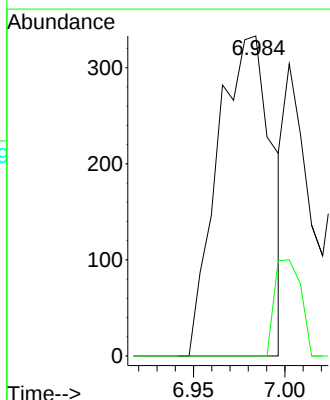
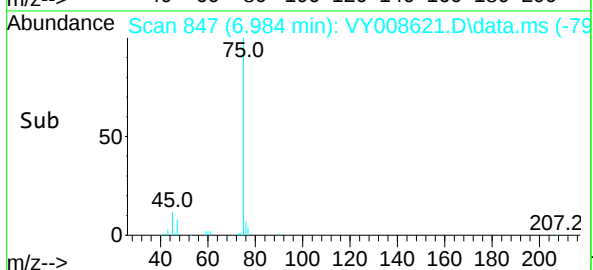
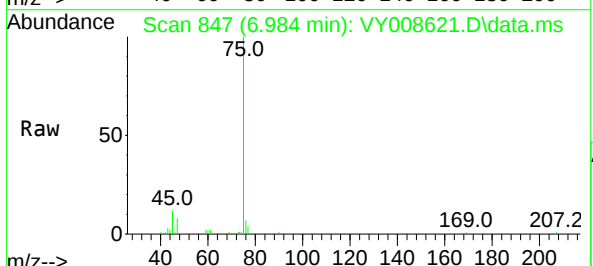


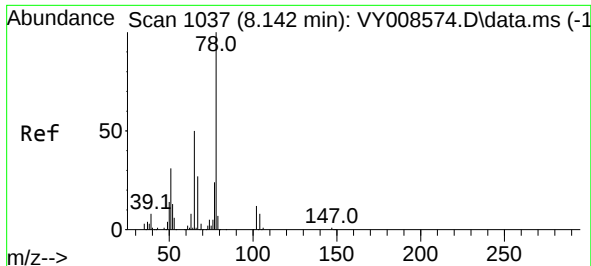
Tgt Ion: 43 Resp: 383
Ion Ratio Lower Upper
43 100
74 11.0 16.6 24.8#



#25
2-Butanone
Concen: 1.582 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY008621.D
Acq: 04 May 2022 18:44

Tgt Ion: 43 Resp: 688
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#





#33

1,2-Dichloroethane-d4

Concen: 49.461 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY008621.D

Acq: 04 May 2022 18:44

Instrument :

MSVOA_Y

ClientSampleId :

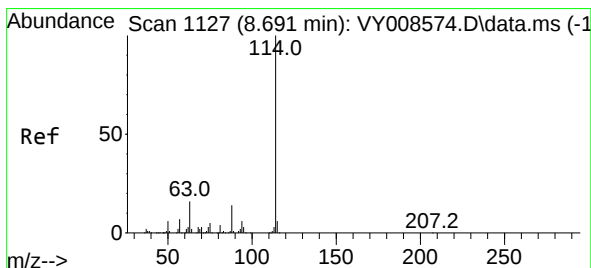
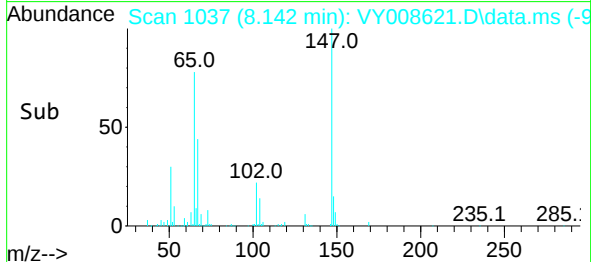
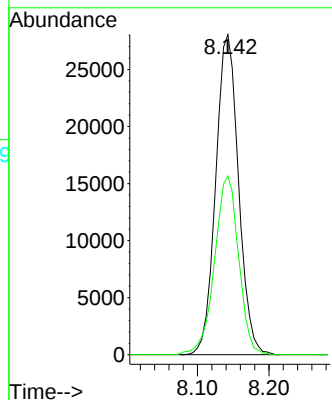
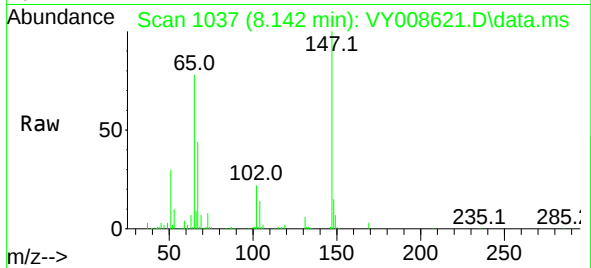
SB07-13-14-FT

Tgt Ion: 65 Resp: 62201

Ion Ratio Lower Upper

65 100

67 58.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY008621.D

Acq: 04 May 2022 18:44

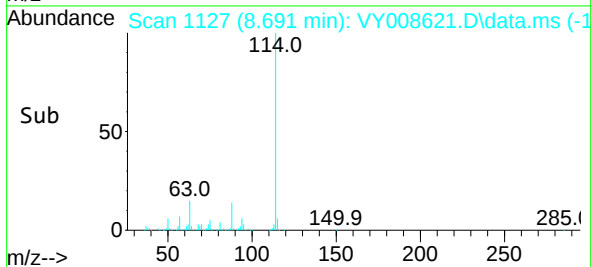
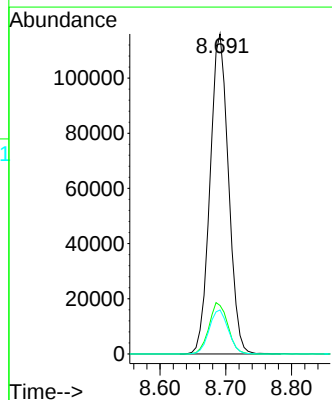
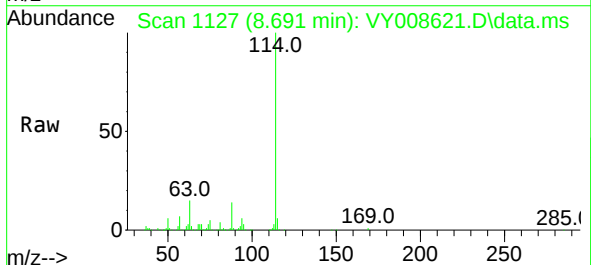
Tgt Ion: 114 Resp: 226324

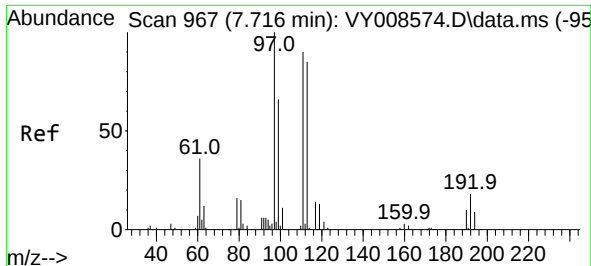
Ion Ratio Lower Upper

114 100

63 15.1 0.0 43.2

88 13.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.590 ug/l

RT: 7.716 min Scan# 911

Delta R.T. -0.000 min

Lab File: VY008621.D

Acq: 04 May 2022 18:44

Instrument :

MSVOA_Y

ClientSampleId :

SB07-13-14-FT

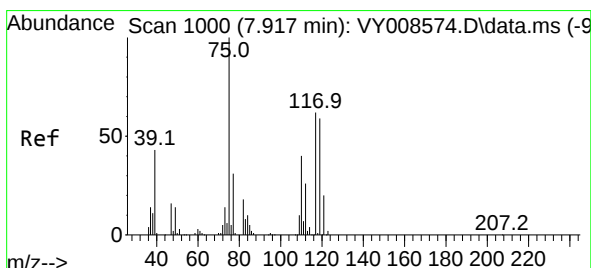
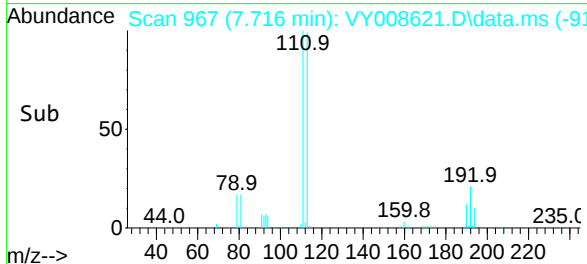
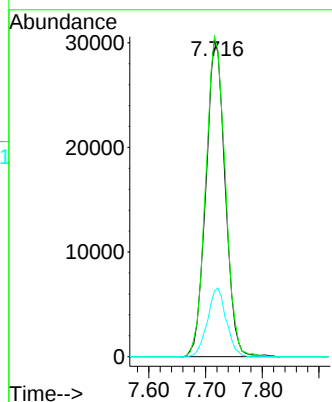
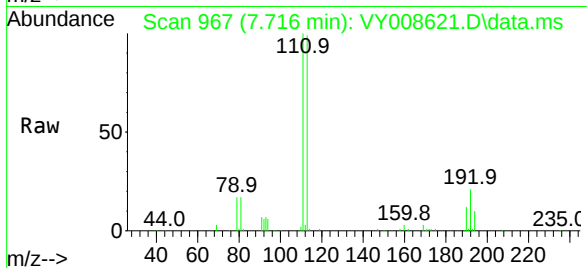
Tgt Ion:113 Resp: 71270

Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 21.1 17.6 26.4



#36

1,1-Dichloropropene

Concen: 3.806 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.128 min

Lab File: VY008621.D

Acq: 04 May 2022 18:44

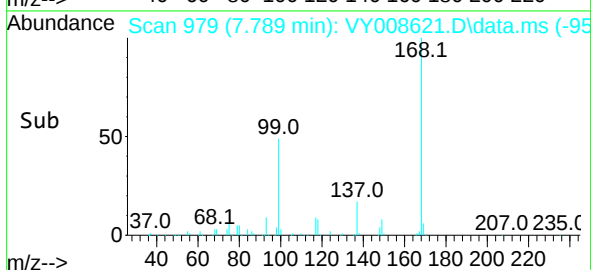
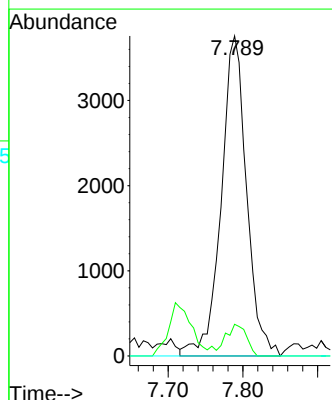
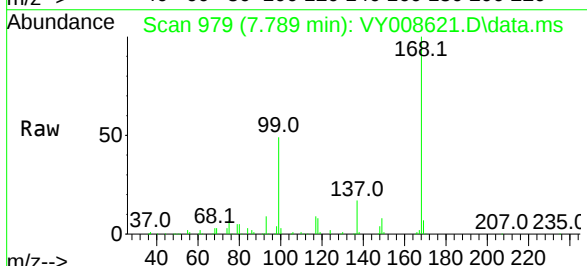
Tgt Ion: 75 Resp: 8863

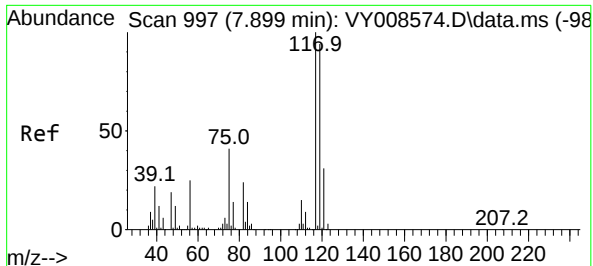
Ion Ratio Lower Upper

75 100

110 7.9 17.1 51.2#

77 0.0 24.4 36.6#

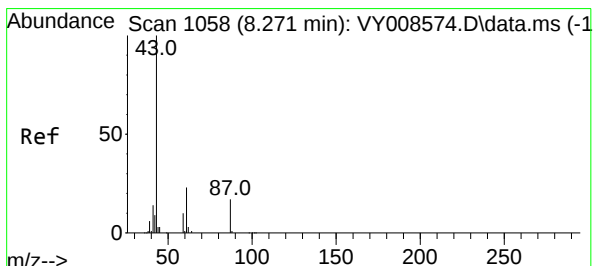
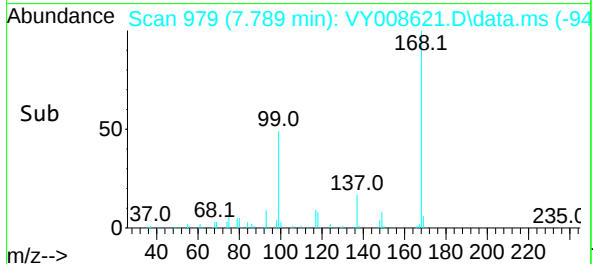
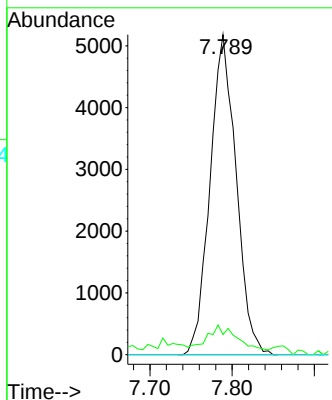
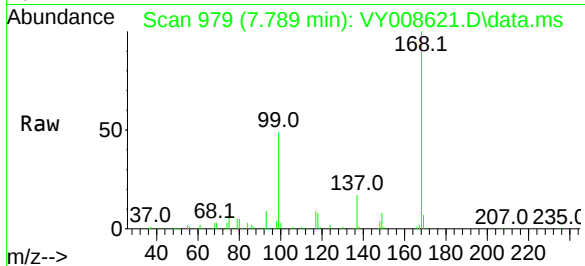




#38
Carbon Tetrachloride
Concen: 4.309 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008621.D
Acq: 04 May 2022 18:44

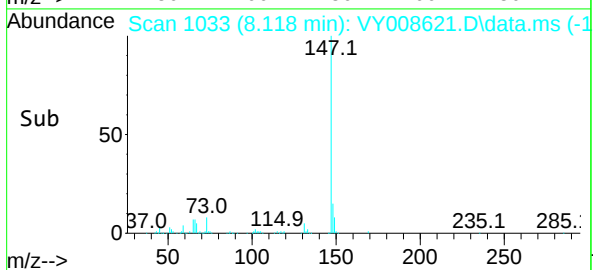
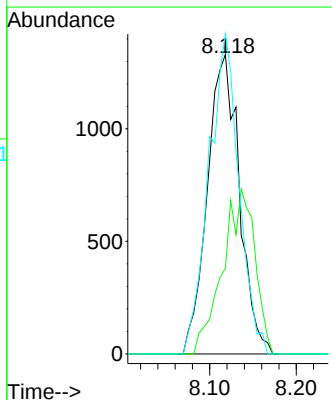
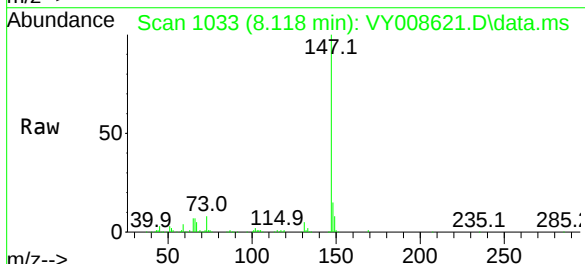
Instrument :
MSVOA_Y
ClientSampleId :
SB07-13-14-FT

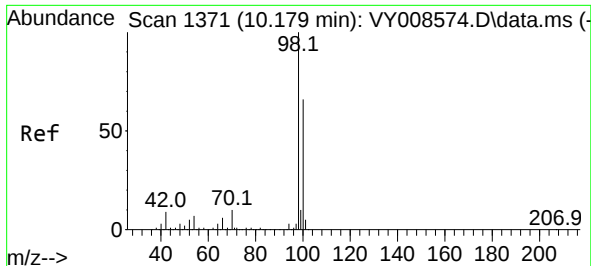
Tgt Ion:117 Resp: 11448
Ion Ratio Lower Upper
117 100
119 3.7 77.9 116.9#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 1.572 ug/l
RT: 8.118 min Scan# 1033
Delta R.T. -0.152 min
Lab File: VY008621.D
Acq: 04 May 2022 18:44

Tgt Ion: 43 Resp: 3415
Ion Ratio Lower Upper
43 100
61 55.5 20.2 30.2#
87 100.7 8.9 13.3#

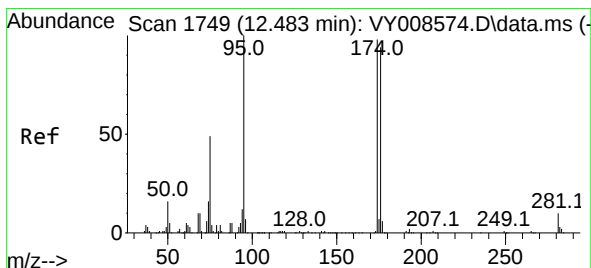
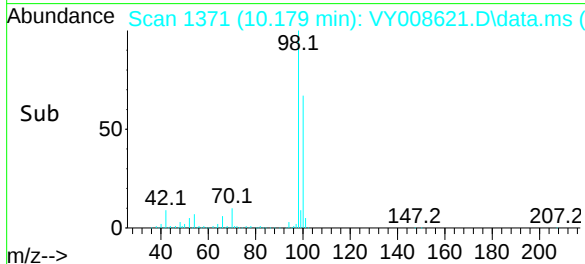
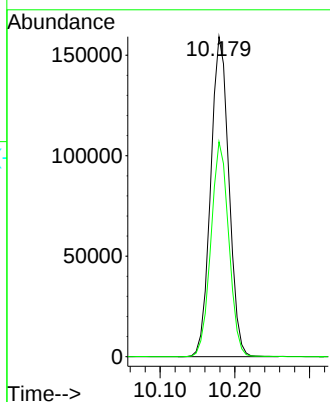
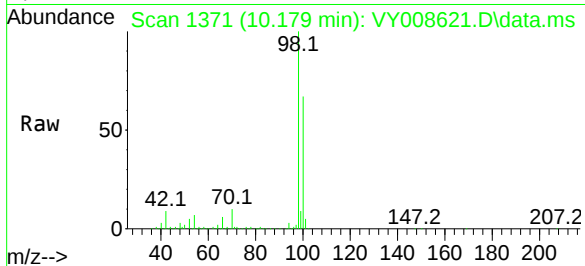




#50
Toluene-d8
Concen: 50.760 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008621.D
Acq: 04 May 2022 18:44

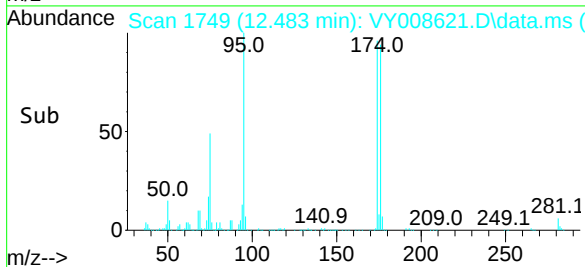
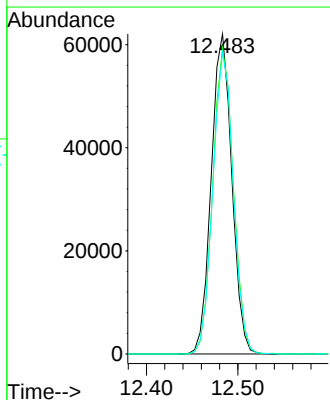
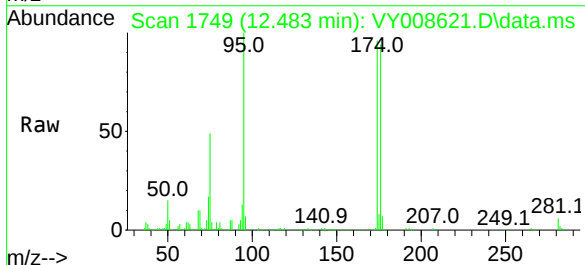
Instrument :
MSVOA_Y
ClientSampleId :
SB07-13-14-FT

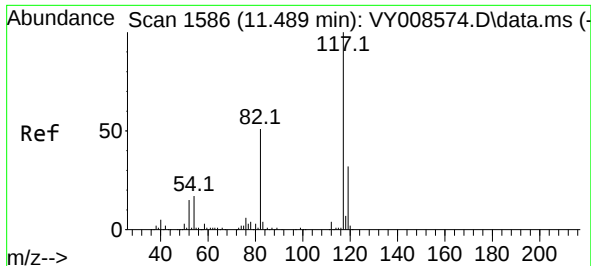
Tgt Ion: 98 Resp: 269317
Ion Ratio Lower Upper
98 100
100 65.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.823 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008621.D
Acq: 04 May 2022 18:44

Tgt Ion: 95 Resp: 96888
Ion Ratio Lower Upper
95 100
174 95.8 0.0 177.0
176 94.2 0.0 175.8

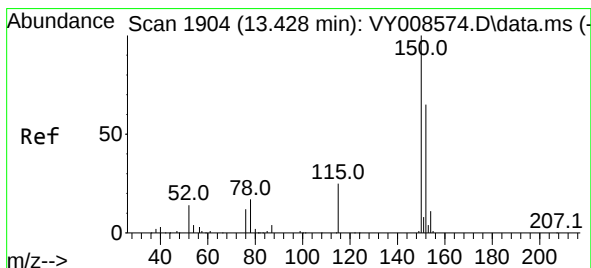
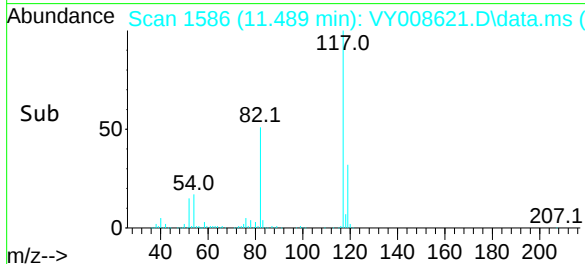
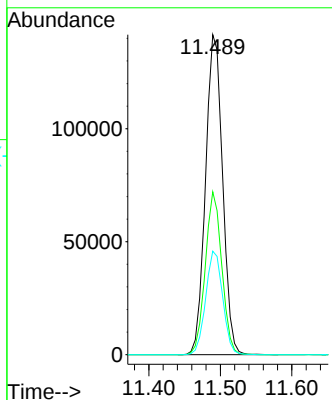
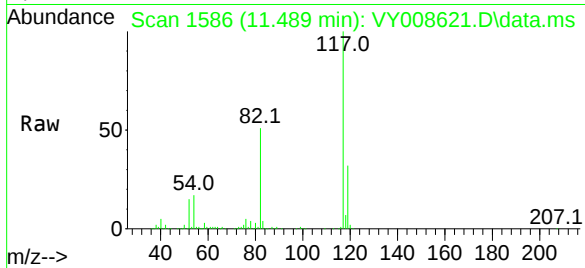




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY008621.D
Acq: 04 May 2022 18:44

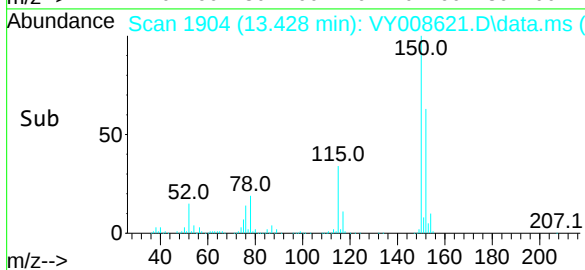
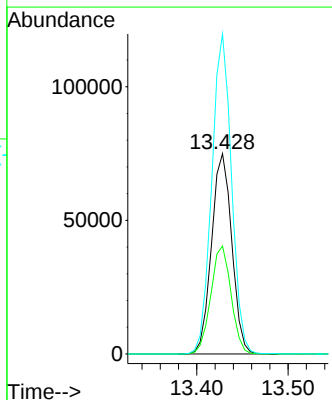
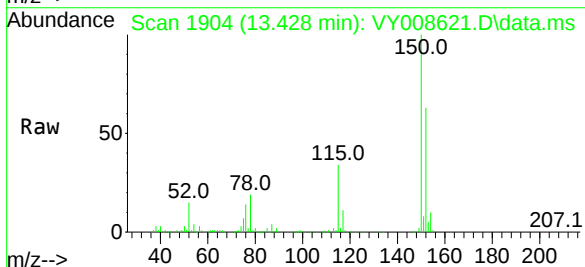
Instrument :
MSVOA_Y
ClientSampleId :
SB07-13-14-FT

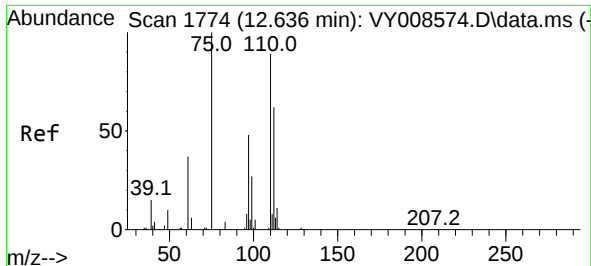
Tgt Ion:117 Resp: 235042
Ion Ratio Lower Upper
117 100
82 50.9 43.0 64.4
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY008621.D
Acq: 04 May 2022 18:44

Tgt Ion:152 Resp: 115419
Ion Ratio Lower Upper
152 100
115 53.9 28.2 84.7
150 155.5 0.0 347.6

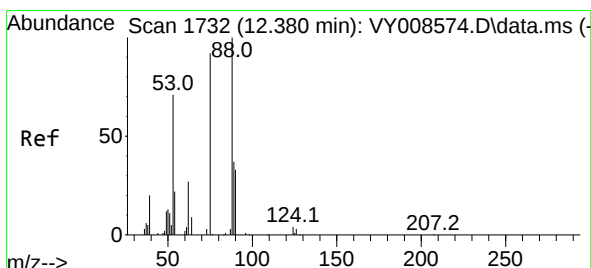
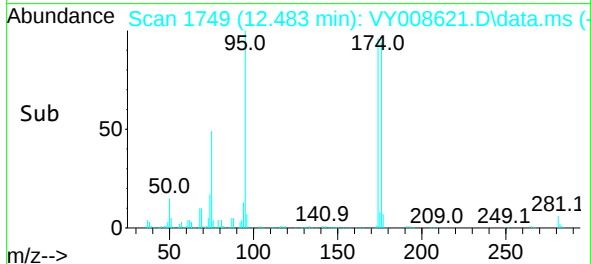
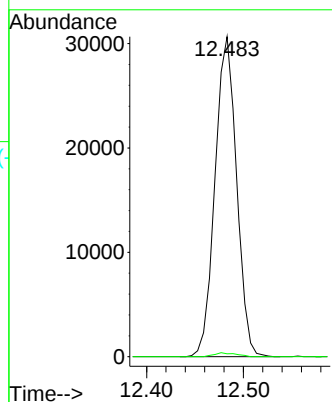
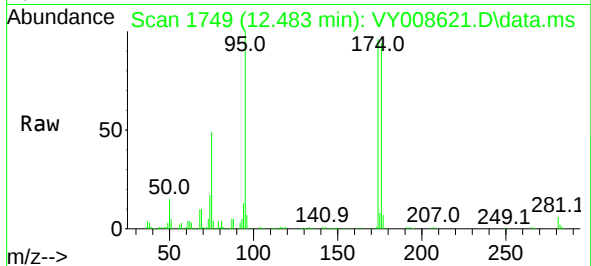




#76
1,2,3-Trichloropropane
Concen: 38.548 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008621.D
Acq: 04 May 2022 18:44

Instrument :
MSVOA_Y
ClientSampleId :
SB07-13-14-FT

Tgt Ion: 75 Resp: 47494
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.153 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008621.D
Acq: 04 May 2022 18:44

Tgt Ion: 75 Resp: 47494
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

