

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111422\
 Data File : VY011442.D
 Acq On : 14 Nov 2022 16:10
 Operator : KP/MD
 Sample : N5554-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR251374

Quant Time: Nov 15 01:50:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

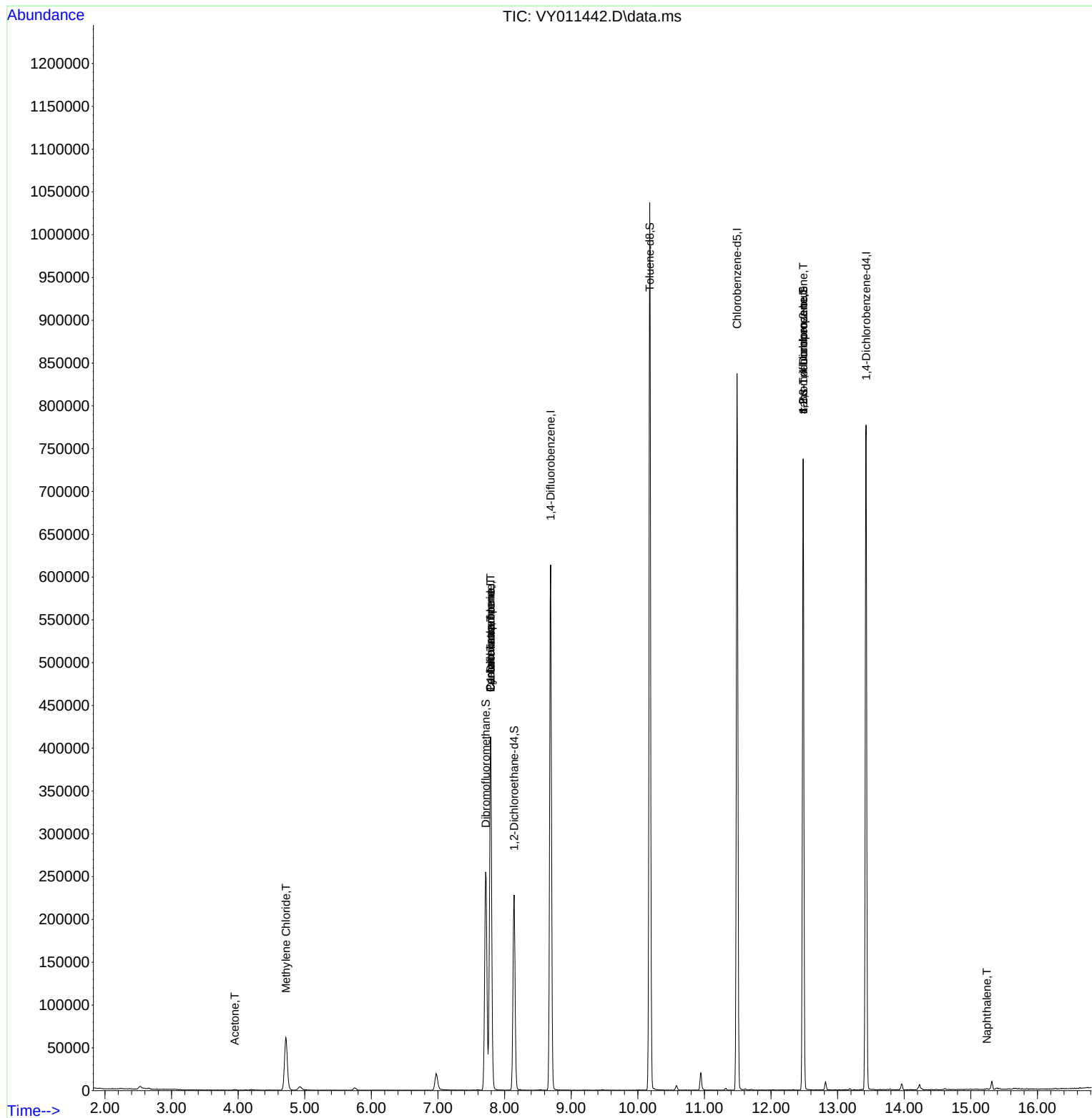
Internal Standards						
1) Pentafluorobenzene	7.789	168	335550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	552479	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	485621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	216332	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	176841	62.892	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.780%	
35) Dibromofluoromethane	7.716	113	186708	60.302	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 120.600%	
50) Toluene-d8	10.179	98	687022	58.082	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 116.160%	
62) 4-Bromofluorobenzene	12.483	95	223584	54.193	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.380%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	115	Below Cal	#	43
11) Tert butyl alcohol	4.924	59	4259	Below Cal	#	77
16) Acetone	3.948	43	1027	1.384	ug/l #	73
18) Methyl Acetate	4.485	43	187	Below Cal	#	56
20) Methylene Chloride	4.716	84	50876	6.025	ug/l #	76
31) Cyclohexane	7.789	56	5332	1.055	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	22398	4.661	ug/l #	51
38) Carbon Tetrachloride	7.789	117	32412	6.201	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	106435	42.504	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	106435	102.167	ug/l #	7
95) Naphthalene	15.239	128	1024	3.392	ug/l #	69

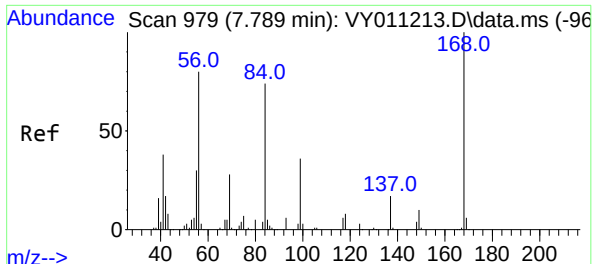
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111422\
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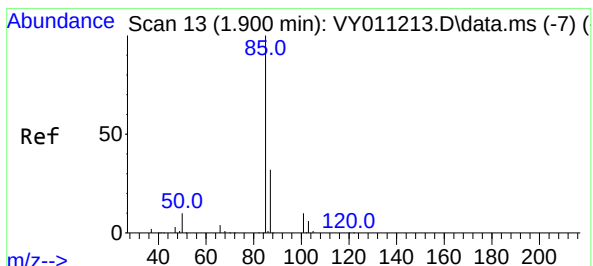
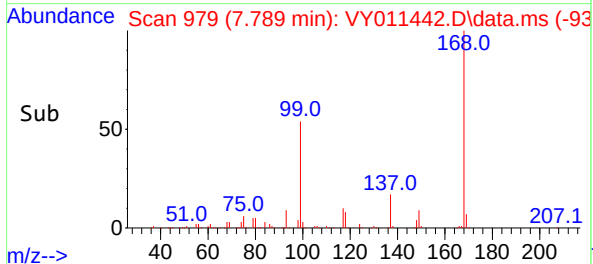
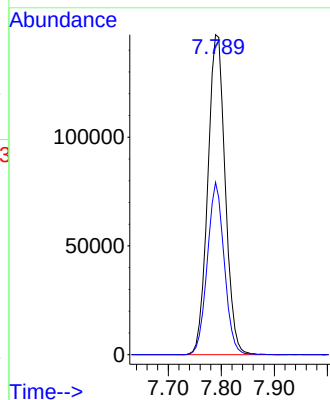
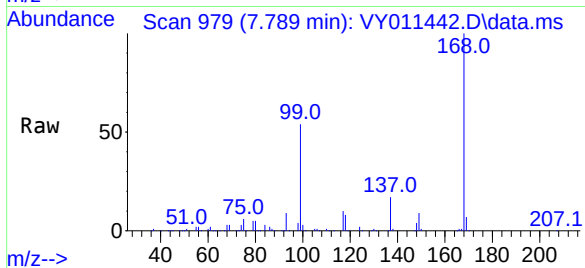




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011442.D
Acq: 14 Nov 2022 16:10

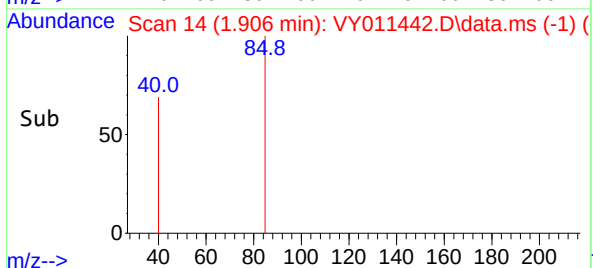
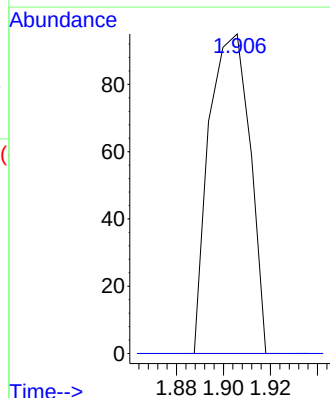
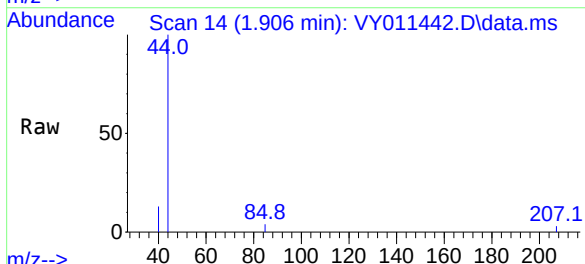
Instrument :
MSVOA_Y
ClientSampleId :
RBR251374

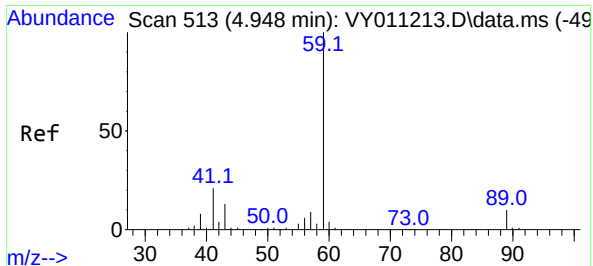
Tgt Ion:168 Resp: 335550
Ion Ratio Lower Upper
168 100
99 53.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY011442.D
Acq: 14 Nov 2022 16:10

Tgt Ion: 85 Resp: 115
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.924 min Scan# 509

Delta R.T. -0.030 min

Lab File: VY011442.D

Acq: 14 Nov 2022 16:10

Instrument :

MSVOA_Y

ClientSampleId :

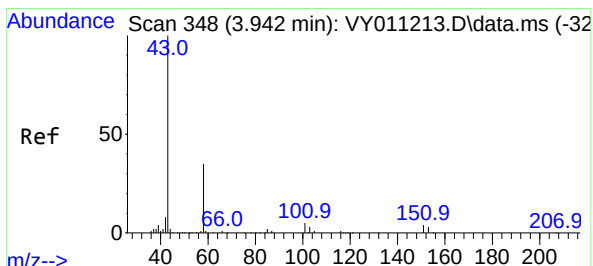
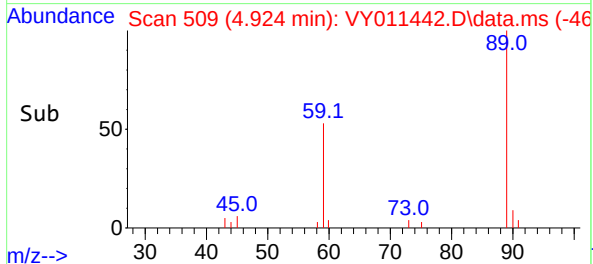
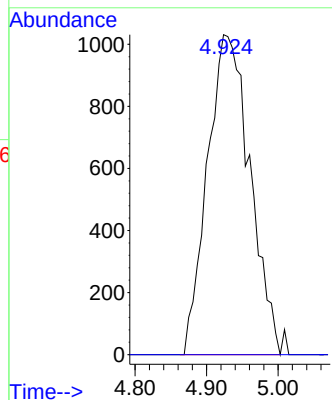
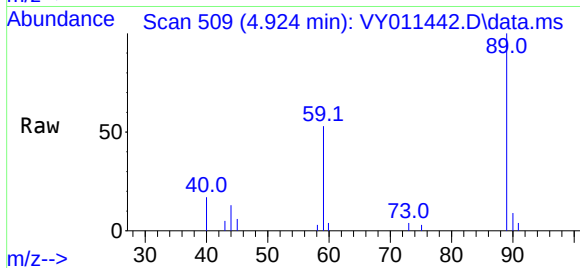
RBR251374

Tgt Ion: 59 Resp: 4259

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 1.384 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.006 min

Lab File: VY011442.D

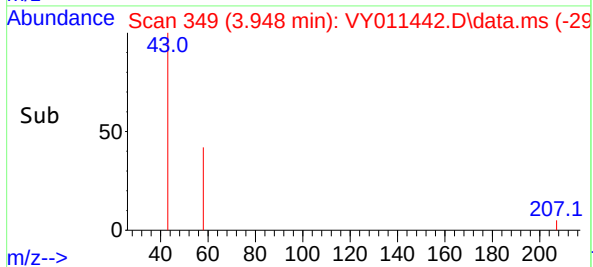
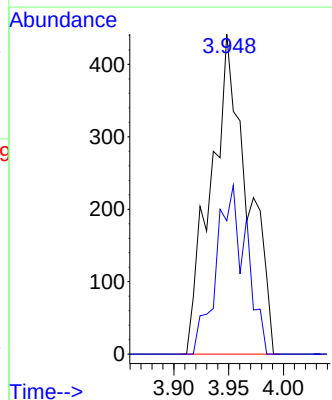
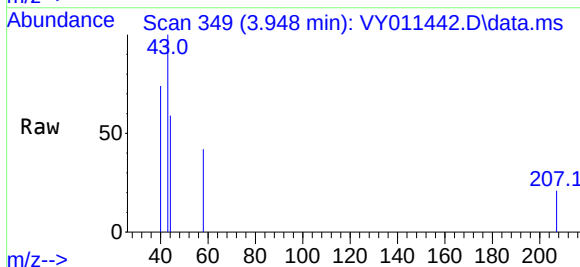
Acq: 14 Nov 2022 16:10

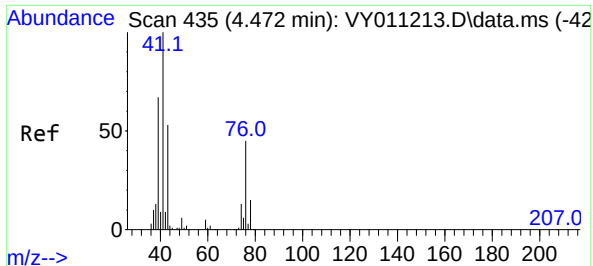
Tgt Ion: 43 Resp: 1027

Ion Ratio Lower Upper

43 100

58 41.6 22.0 33.0#

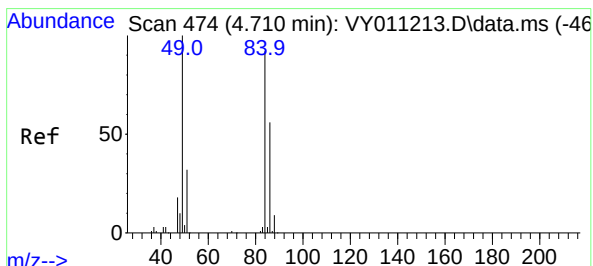
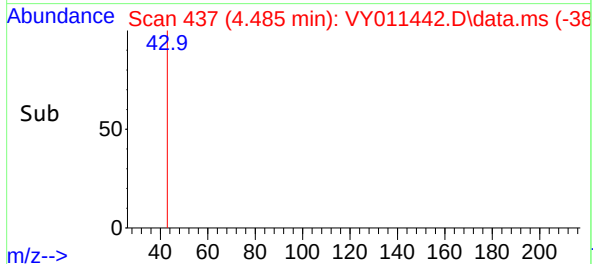
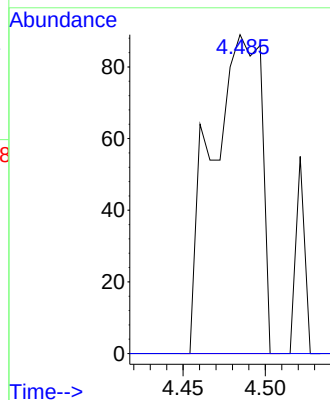
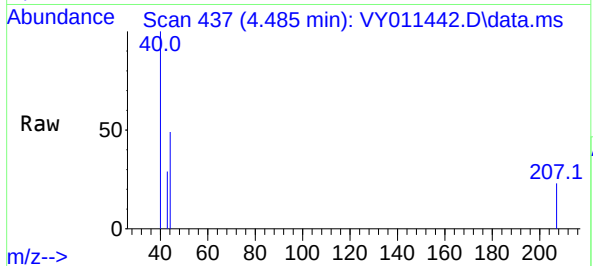




#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY011442.D
Acq: 14 Nov 2022 16:10

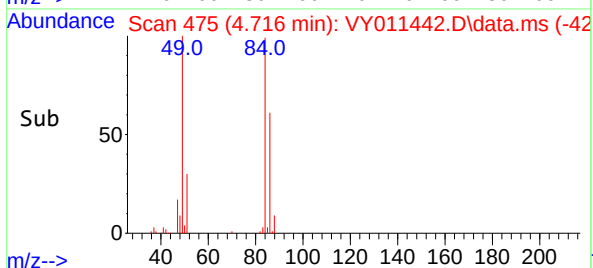
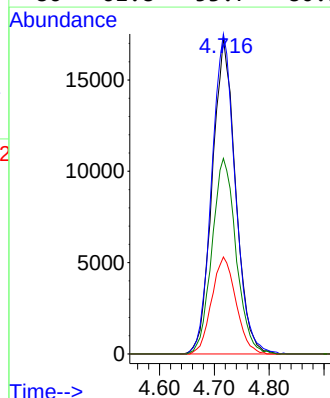
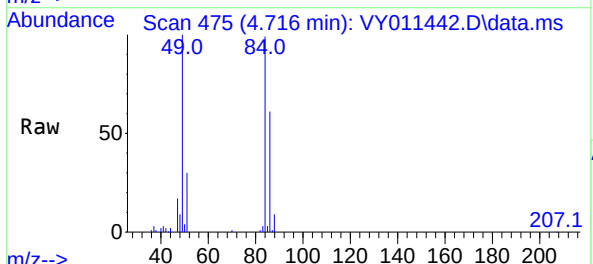
Instrument :
MSVOA_Y
ClientSampleId :
RBR251374

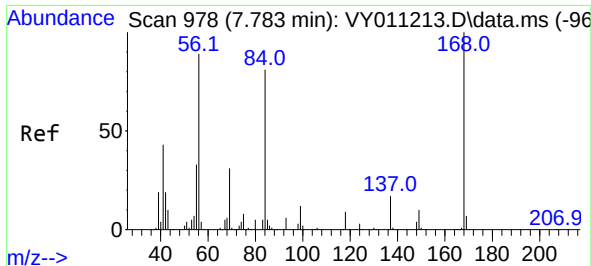
Tgt Ion: 43 Resp: 187
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 6.025 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY011442.D
Acq: 14 Nov 2022 16:10

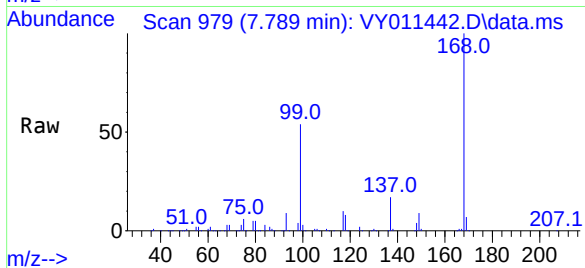
Tgt Ion: 84 Resp: 50876
Ion Ratio Lower Upper
84 100
49 101.1 114.4 171.6#
51 30.7 35.3 52.9#
86 61.8 53.7 80.5



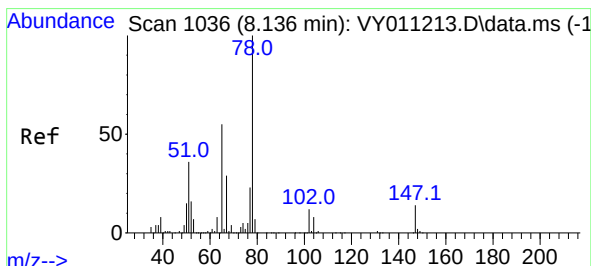
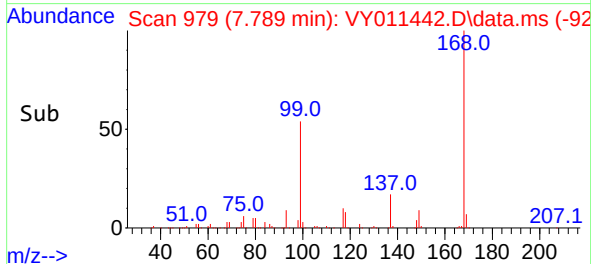
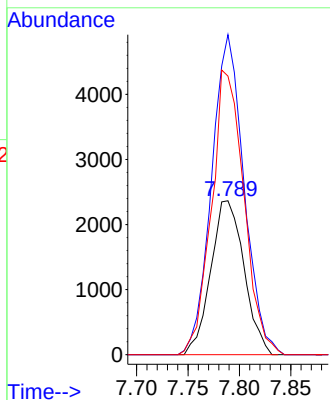


#31
Cyclohexane
Concen: 1.055 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011442.D
Acq: 14 Nov 2022 16:10

Instrument :
MSVOA_Y
ClientSampleId :
RBR251374

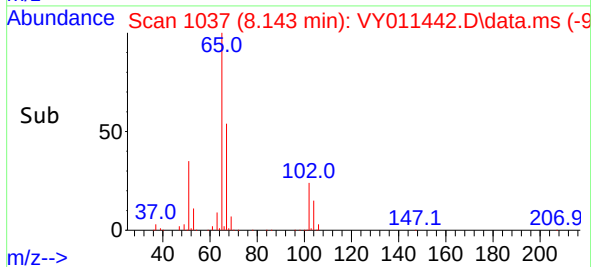
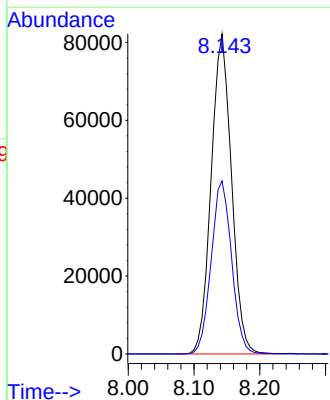
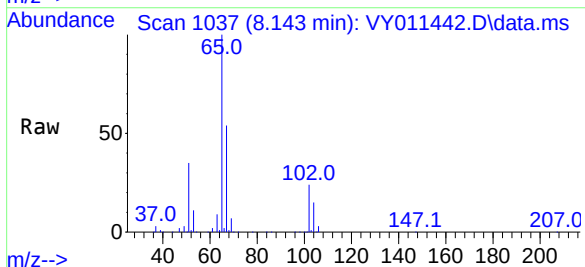


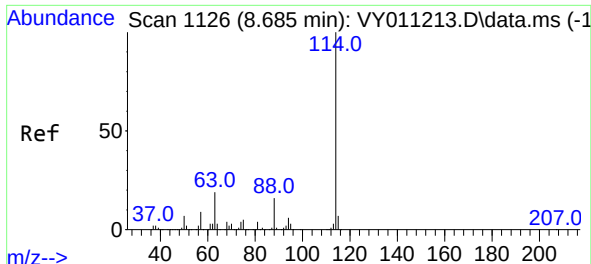
Tgt Ion: 56 Resp: 5332
Ion Ratio Lower Upper
56 100
69 207.9 26.7 40.1#
84 180.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 62.892 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY011442.D
Acq: 14 Nov 2022 16:10

Tgt Ion: 65 Resp: 176841
Ion Ratio Lower Upper
65 100
67 54.3 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: VY011442.D

Acq: 14 Nov 2022 16:10

Instrument :

MSVOA_Y

ClientSampleId :

RBR251374

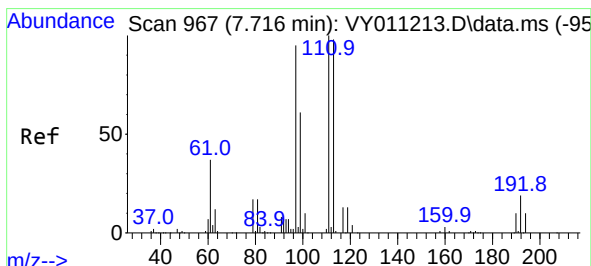
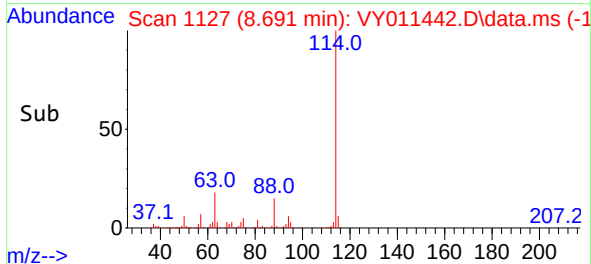
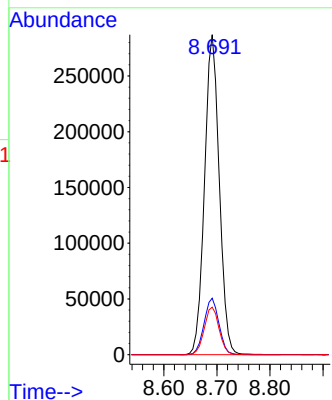
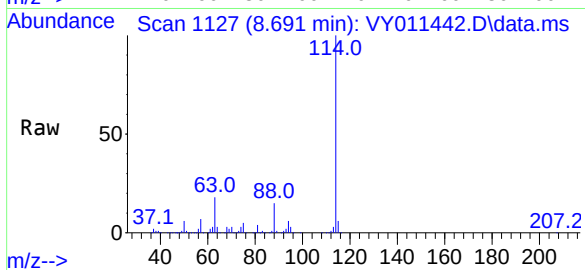
Tgt Ion:114 Resp: 552479

Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 14.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 60.302 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011442.D

Acq: 14 Nov 2022 16:10

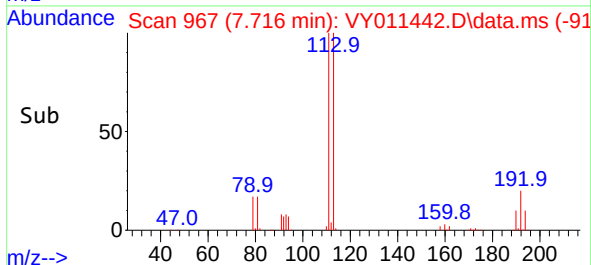
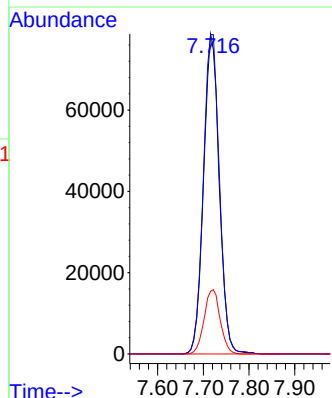
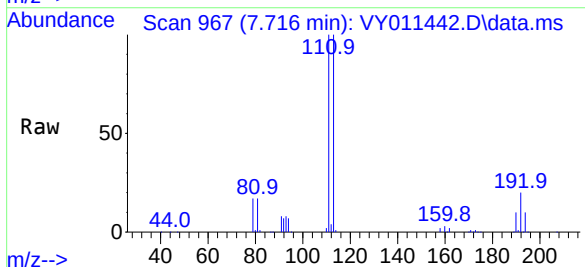
Tgt Ion:113 Resp: 186708

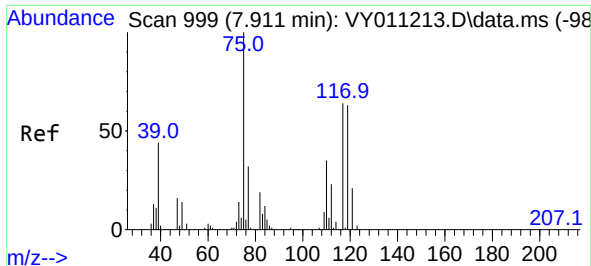
Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

192 20.6 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.661 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY011442.D

Acq: 14 Nov 2022 16:10

Instrument :

MSVOA_Y

ClientSampleId :

RBR251374

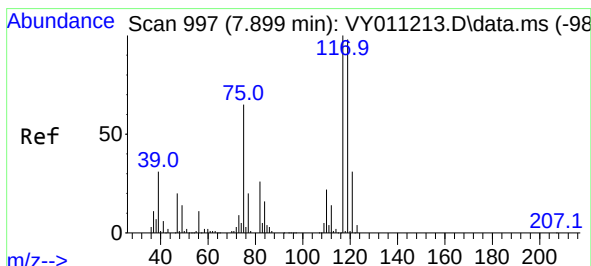
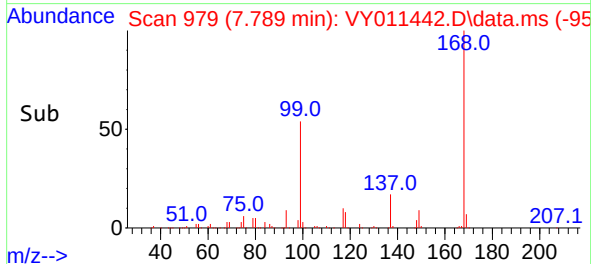
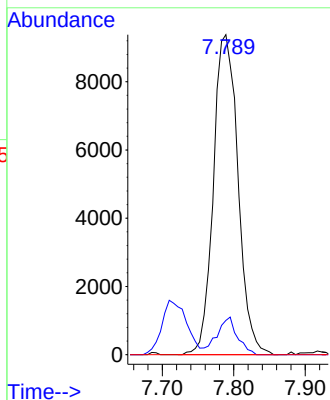
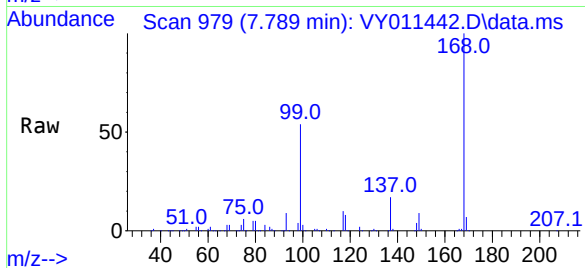
Tgt Ion: 75 Resp: 22398

Ion Ratio Lower Upper

75 100

110 9.6 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.201 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY011442.D

Acq: 14 Nov 2022 16:10

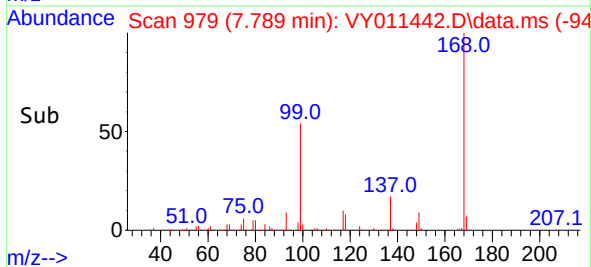
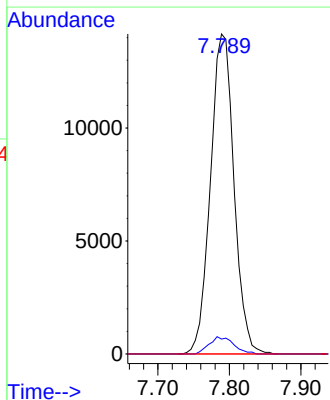
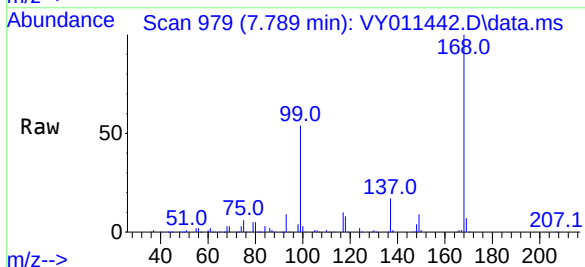
Tgt Ion: 117 Resp: 32412

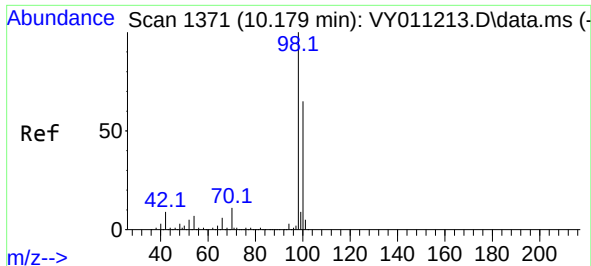
Ion Ratio Lower Upper

117 100

119 4.6 77.9 116.9#

121 0.0 24.8 37.2#

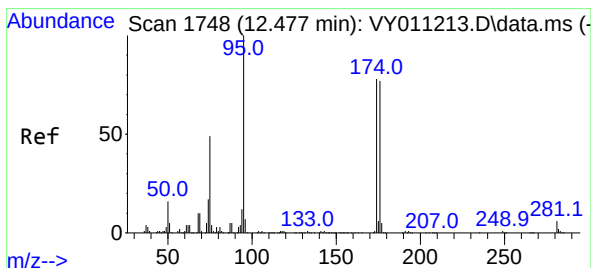
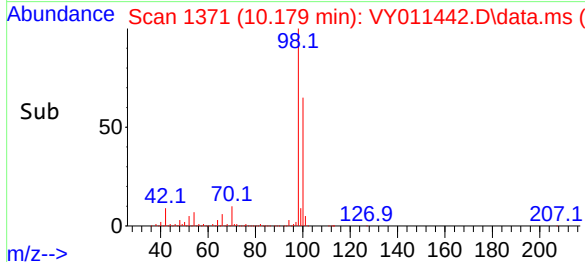
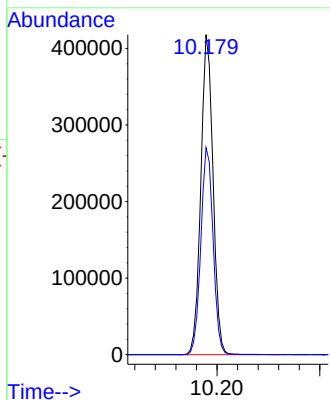
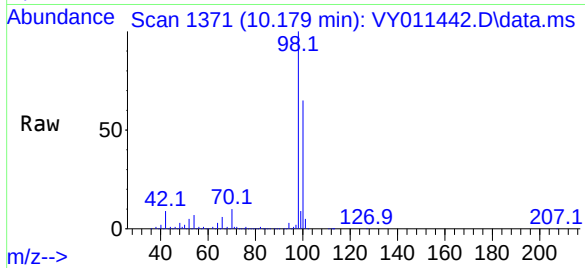




#50
Toluene-d8
Concen: 58.082 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011442.D
Acq: 14 Nov 2022 16:10

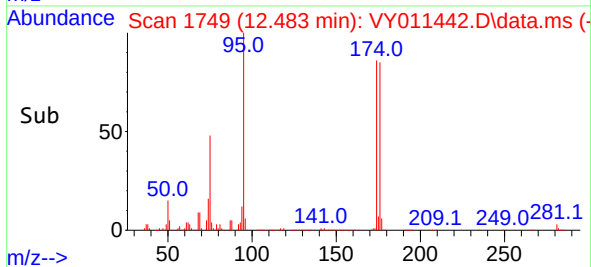
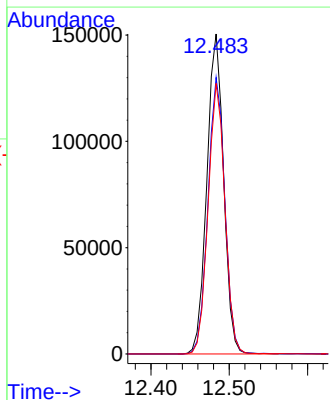
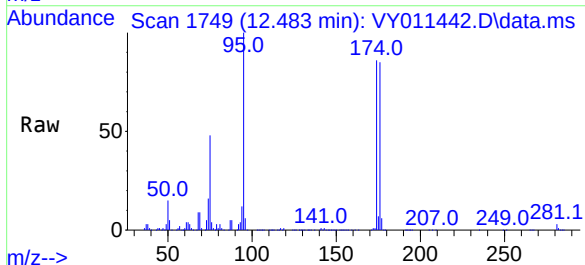
Instrument :
MSVOA_Y
ClientSampleId :
RBR251374

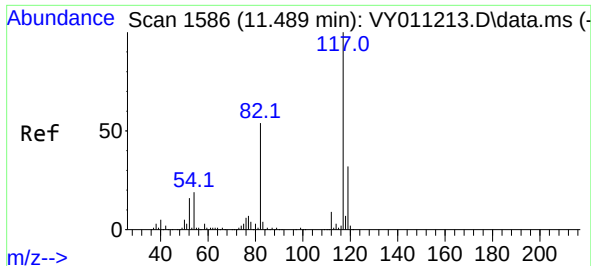
Tgt Ion: 98 Resp: 687022
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 54.193 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011442.D
Acq: 14 Nov 2022 16:10

Tgt Ion: 95 Resp: 223584
Ion Ratio Lower Upper
95 100
174 87.3 0.0 177.0
176 84.6 0.0 175.8

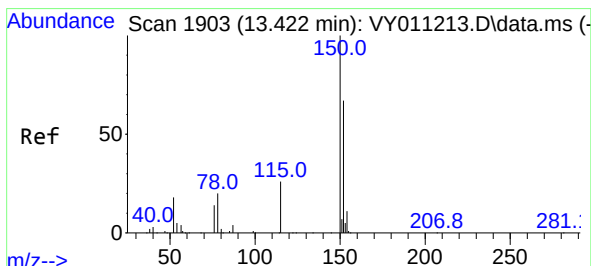
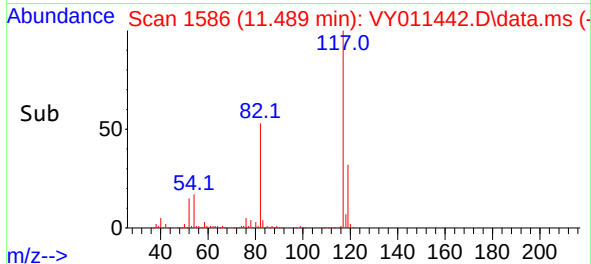
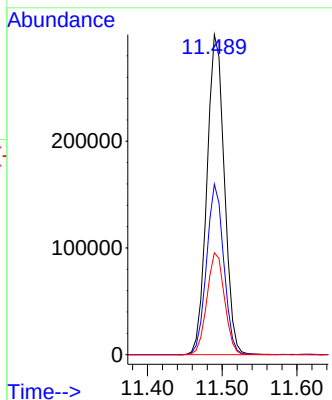
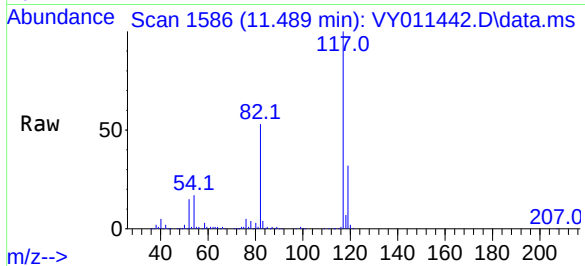




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011442.D
Acq: 14 Nov 2022 16:10

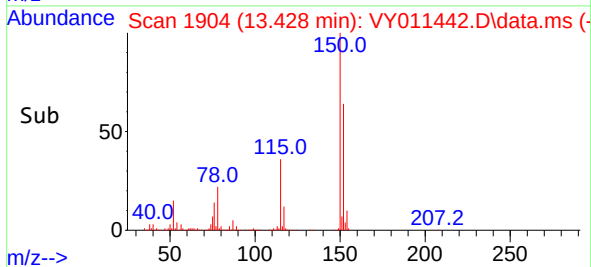
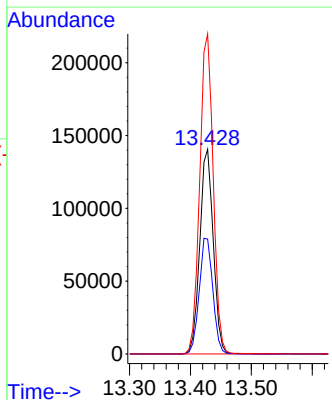
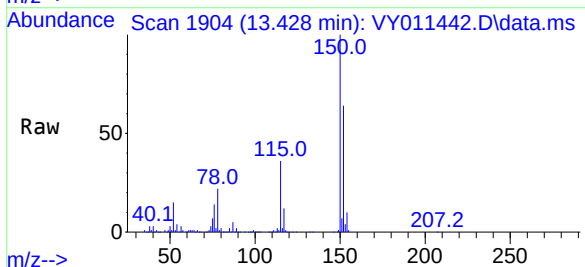
Instrument :
MSVOA_Y
ClientSampleId :
RBR251374

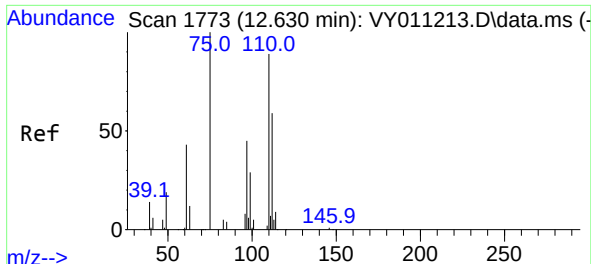
Tgt Ion:117 Resp: 485621
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.4
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY011442.D
Acq: 14 Nov 2022 16:10

Tgt Ion:152 Resp: 216332
Ion Ratio Lower Upper
152 100
115 57.3 28.2 84.7
150 156.7 0.0 347.6

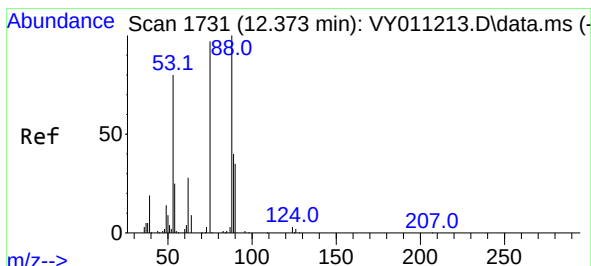
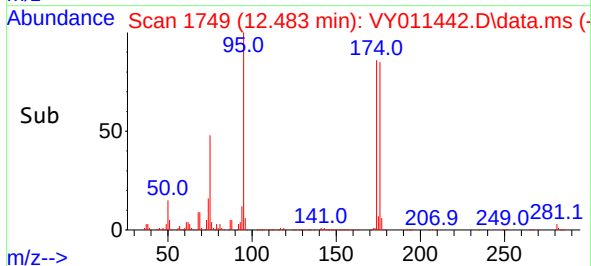
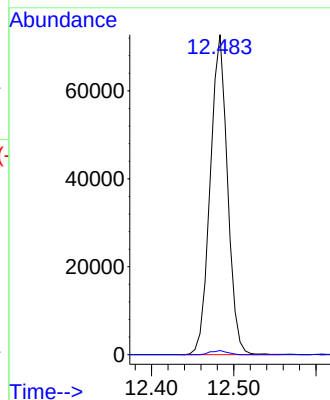
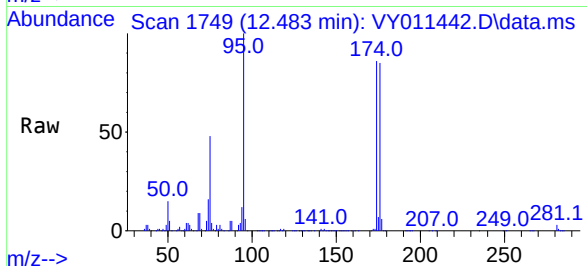




#76
1,2,3-Trichloropropane
Concen: 42.504 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY011442.D
Acq: 14 Nov 2022 16:10

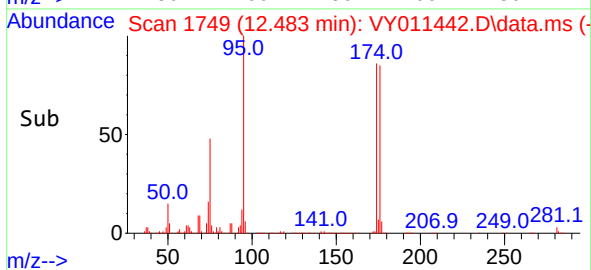
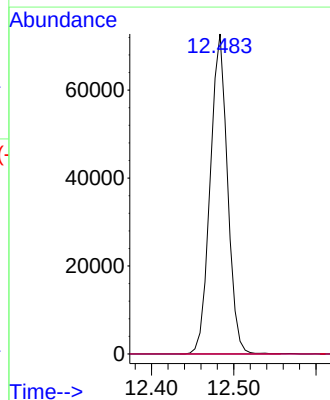
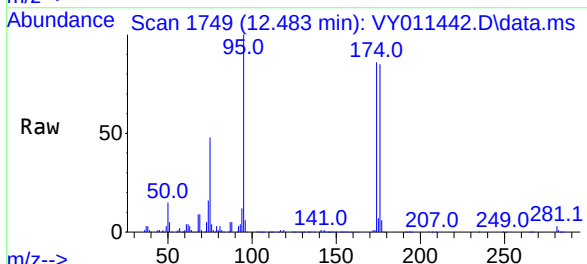
Instrument :
MSVOA_Y
ClientSampleId :
RBR251374

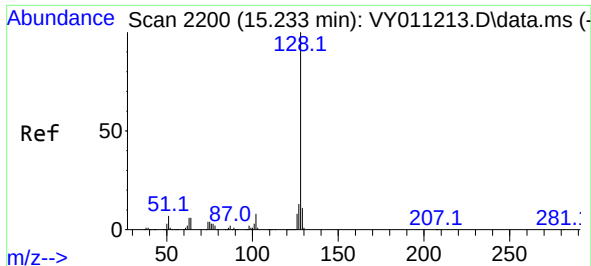
Tgt Ion: 75 Resp: 106435
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 102.167 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011442.D
Acq: 14 Nov 2022 16:10

Tgt Ion: 75 Resp: 106435
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#





#95

Naphthalene

Concen: 3.392 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY011442.D

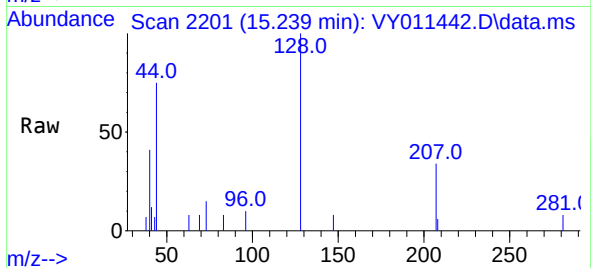
Acq: 14 Nov 2022 16:10

Instrument :

MSVOA_Y

ClientSampleId :

RBR251374



Tgt Ion:128 Resp: 1024

Ion Ratio Lower Upper

128 100

127 0.0 11.0 16.4#

129 0.0 8.4 12.6#

