

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111422\
 Data File : VY011443.D
 Acq On : 14 Nov 2022 16:32
 Operator : KP/MD
 Sample : N5554-03
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT3249

Quant Time: Nov 15 01:50:21 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)

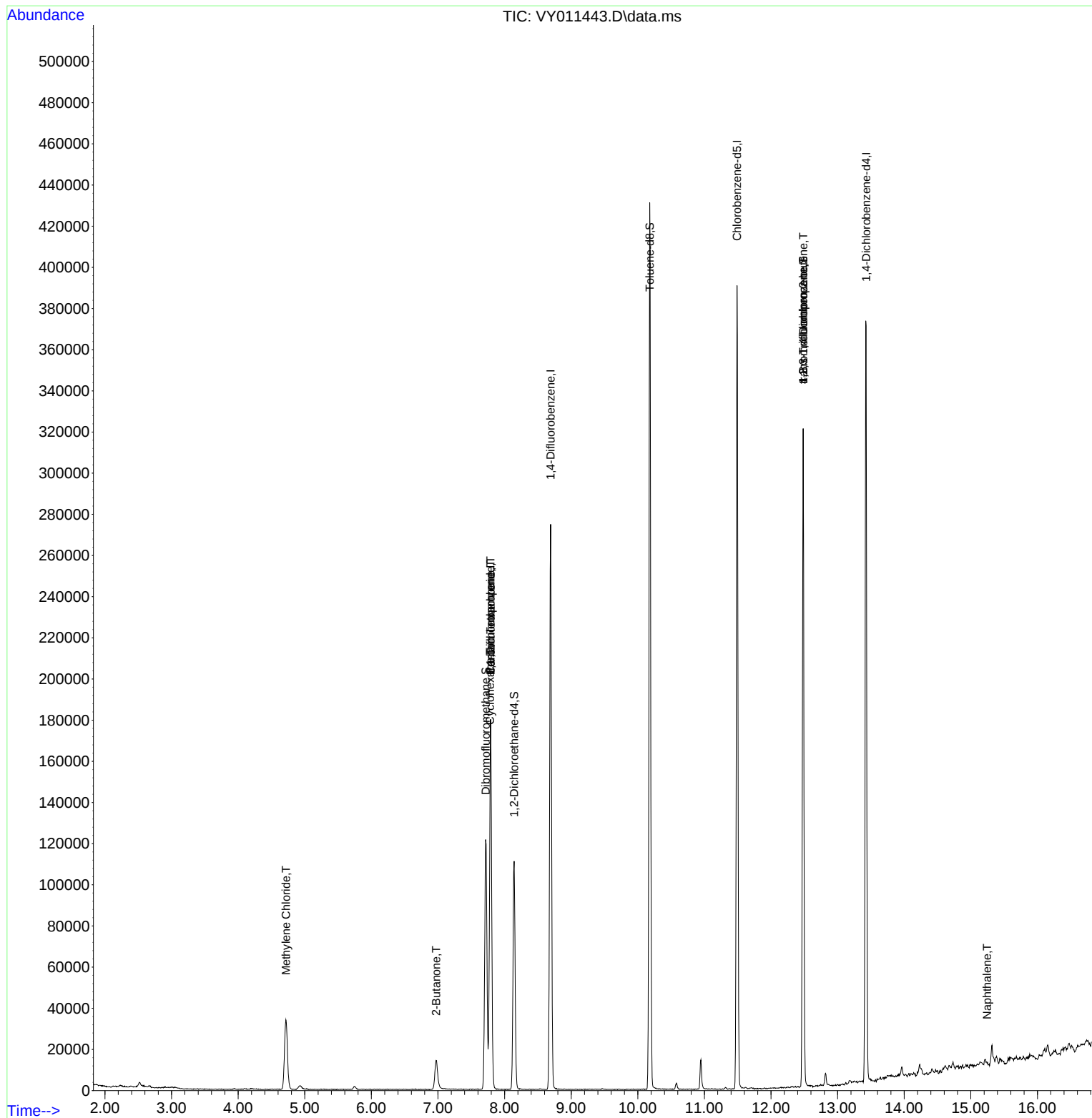
Internal Standards						
1) Pentafluorobenzene	7.789	168	143340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	246174	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	228088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	104382	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	87264	72.651	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 145.300%	
35) Dibromofluoromethane	7.716	113	88280	63.989	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 127.980%	
50) Toluene-d8	10.179	98	296112	56.182	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.360%	
62) 4-Bromofluorobenzene	12.483	95	98454	53.556	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.120%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	25	Below Cal	#	43
11) Tert butyl alcohol	4.930	59	2357	Below Cal	#	77
18) Methyl Acetate	4.210	43	73	Below Cal	#	56
20) Methylene Chloride	4.716	84	28952	10.953	ug/l #	75
25) 2-Butanone	6.972	43	653	1.446	ug/l #	54
31) Cyclohexane	7.783	56	2406	1.115	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	9552	4.461	ug/l #	51
38) Carbon Tetrachloride	7.789	117	13721	5.891	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	47343	39.183	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	47343	94.184	ug/l #	7
95) Naphthalene	15.245	128	897	3.488	ug/l	98

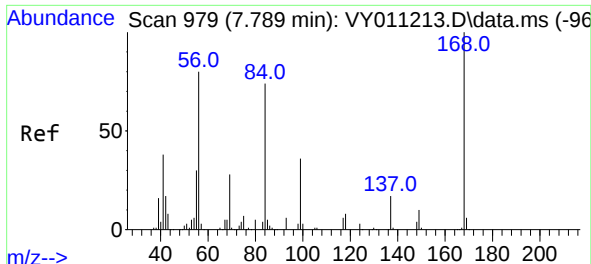
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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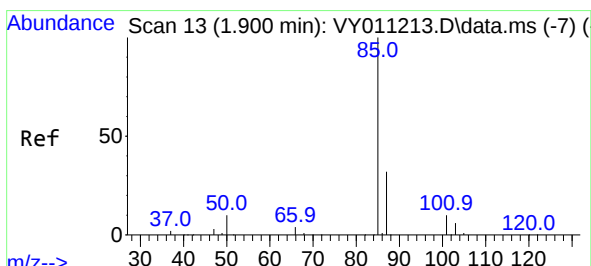
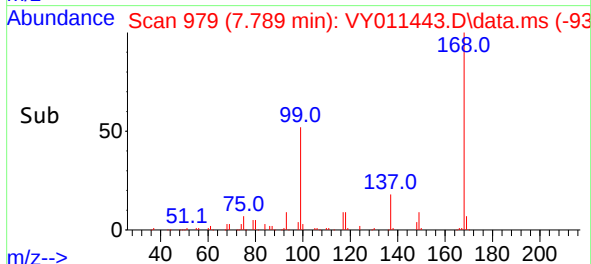
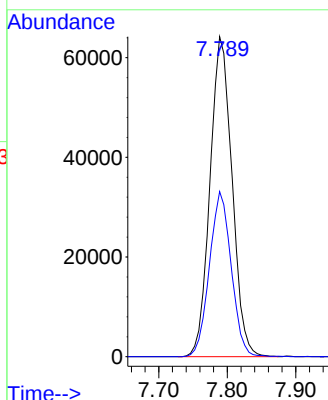
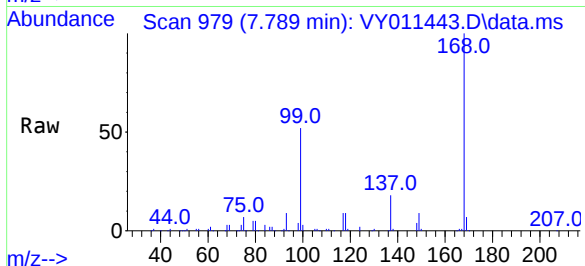




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011443.D
Acq: 14 Nov 2022 16:32

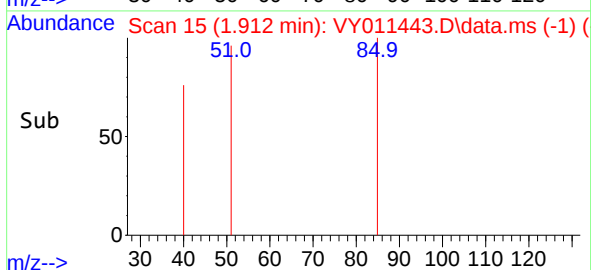
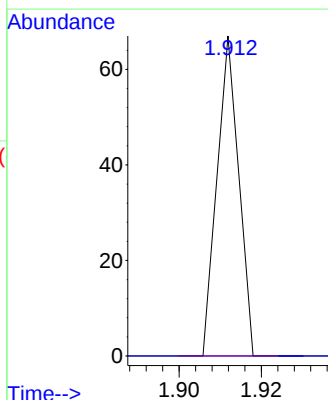
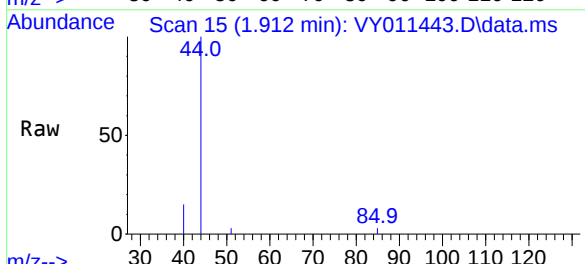
Instrument :
MSVOA_Y
ClientSampleId :
RT3249

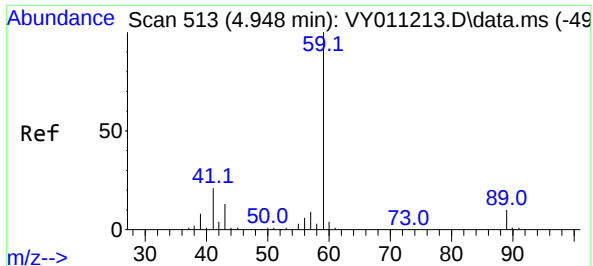
Tgt Ion:168 Resp: 143340
Ion Ratio Lower Upper
168 100
99 51.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. 0.012 min
Lab File: VY011443.D
Acq: 14 Nov 2022 16:32

Tgt Ion: 85 Resp: 25
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.930 min Scan# 51

Delta R.T. -0.024 min

Lab File: VY011443.D

Acq: 14 Nov 2022 16:32

Instrument :

MSVOA_Y

ClientSampleId :

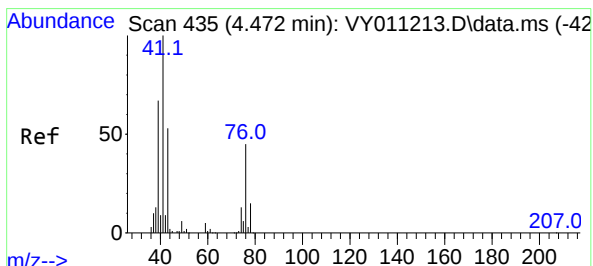
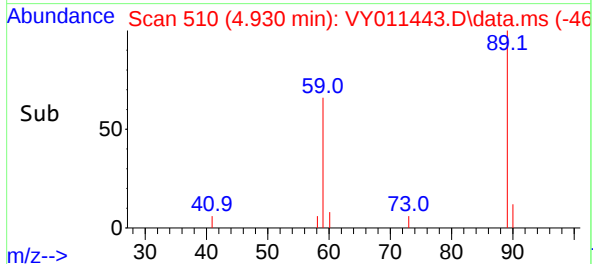
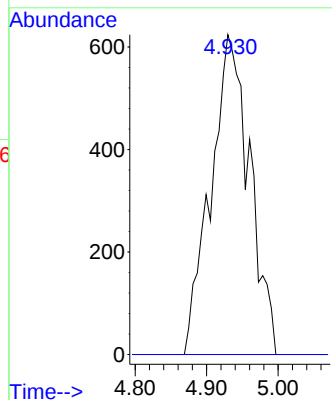
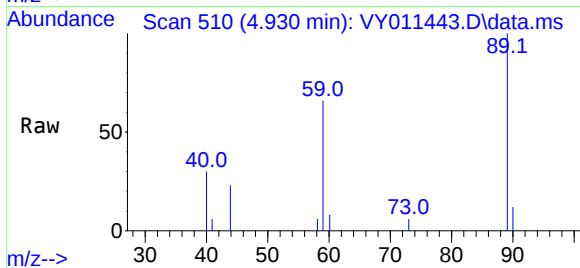
RT3249

Tgt Ion: 59 Resp: 2357

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.210 min Scan# 392

Delta R.T. -0.263 min

Lab File: VY011443.D

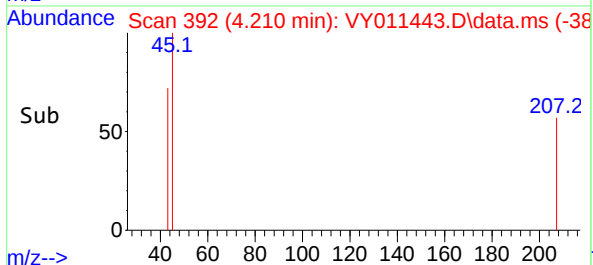
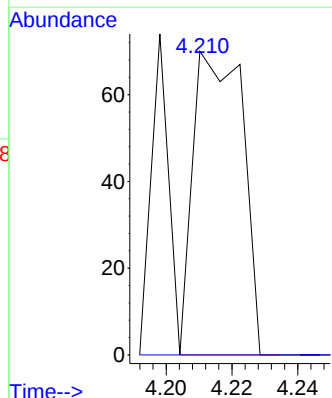
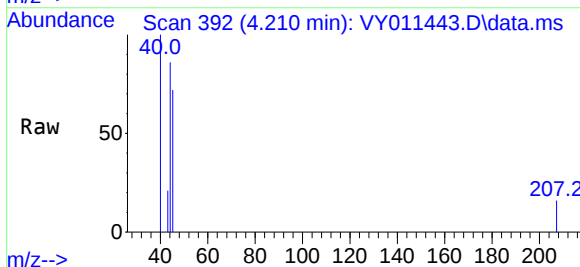
Acq: 14 Nov 2022 16:32

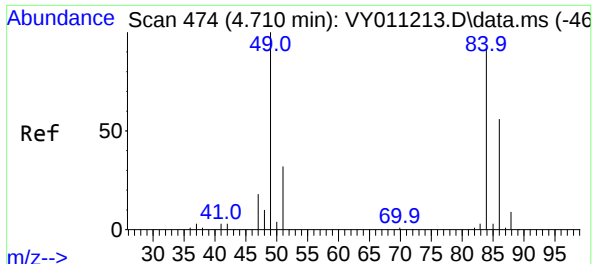
Tgt Ion: 43 Resp: 73

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#

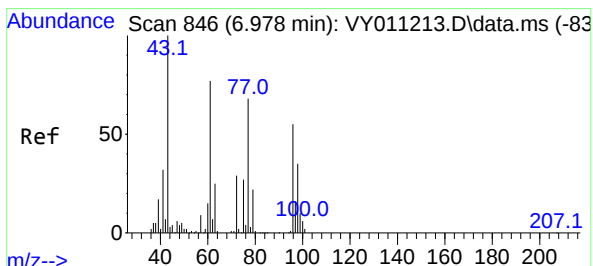
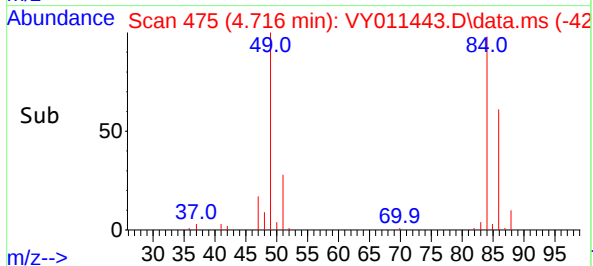
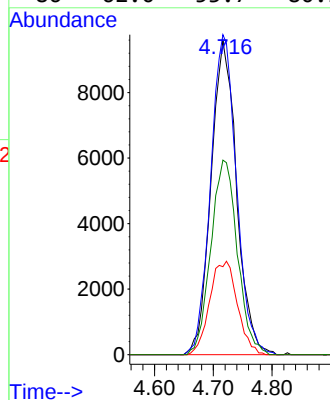
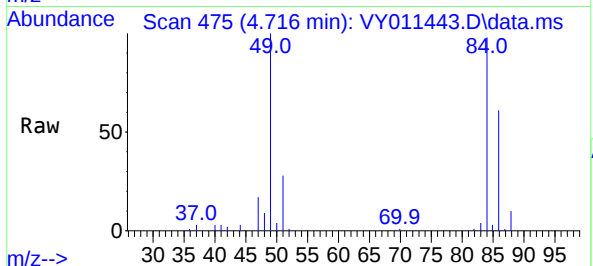




#20
Methylene Chloride
Concen: 10.953 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY011443.D
Acq: 14 Nov 2022 16:32

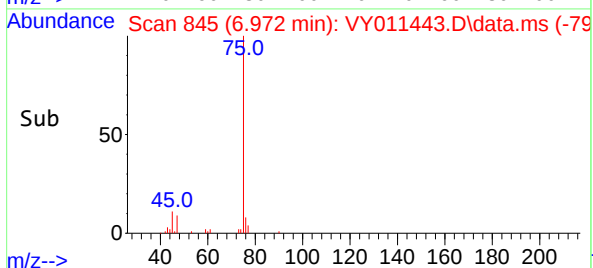
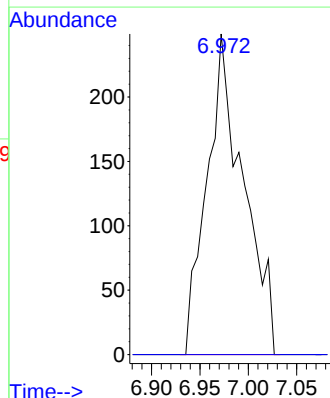
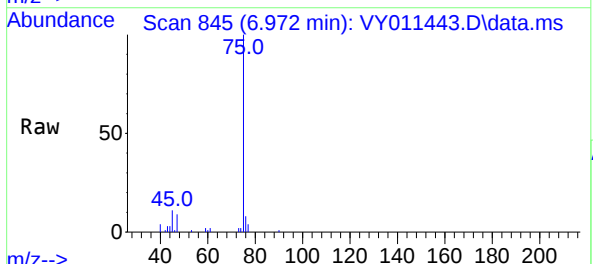
Instrument :
MSVOA_Y
ClientSampleId :
RT3249

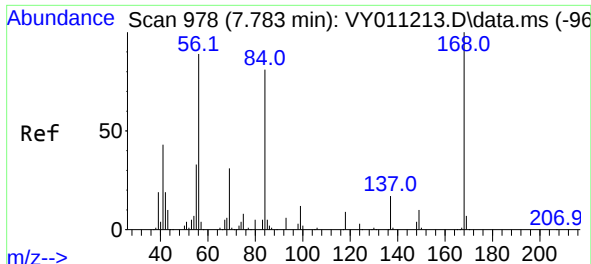
Tgt Ion:	84	Resp:	28952
Ion	Ratio	Lower	Upper
84	100		
49	101.9	114.4	171.6#
51	28.1	35.3	52.9#
86	62.0	53.7	80.5



#25
2-Butanone
Concen: 1.446 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY011443.D
Acq: 14 Nov 2022 16:32

Tgt Ion:	43	Resp:	653
Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.7	26.5#

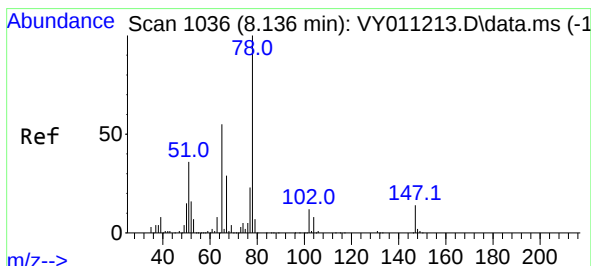
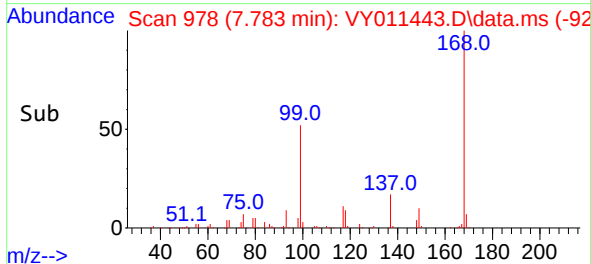
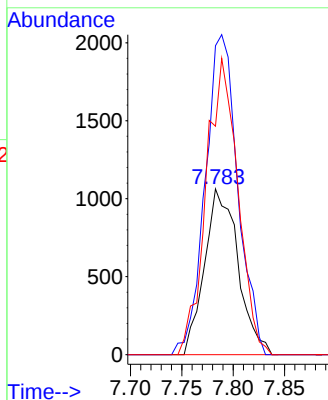
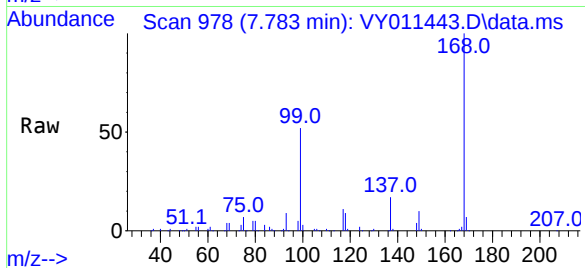




#31
Cyclohexane
Concen: 1.115 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011443.D
Acq: 14 Nov 2022 16:32

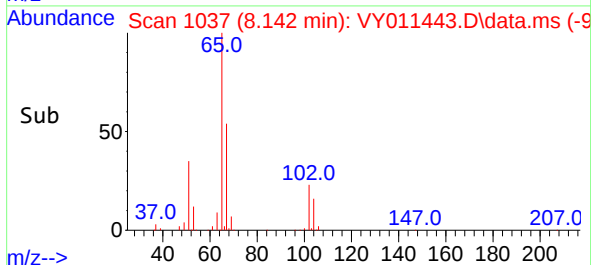
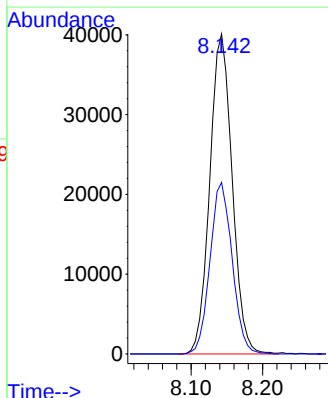
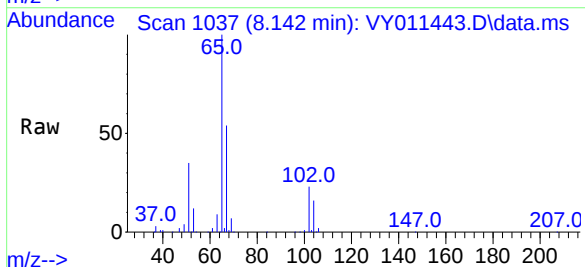
Instrument :
MSVOA_Y
ClientSampleId :
RT3249

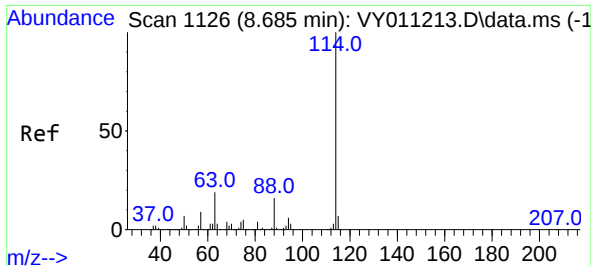
Tgt Ion: 56 Resp: 2406
Ion Ratio Lower Upper
56 100
69 186.4 26.7 40.1#
84 137.8 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 72.651 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY011443.D
Acq: 14 Nov 2022 16:32

Tgt Ion: 65 Resp: 87264
Ion Ratio Lower Upper
65 100
67 53.0 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: VY011443.D

Acq: 14 Nov 2022 16:32

Instrument :

MSVOA_Y

ClientSampleId :

RT3249

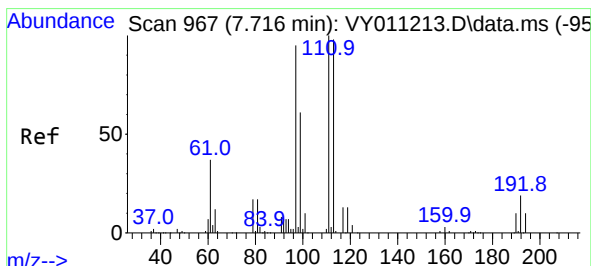
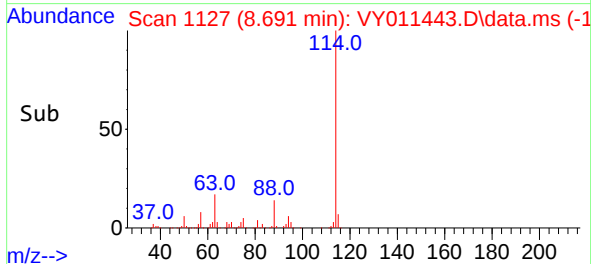
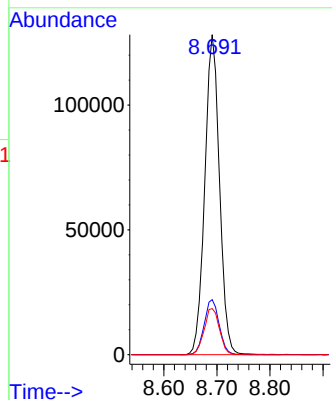
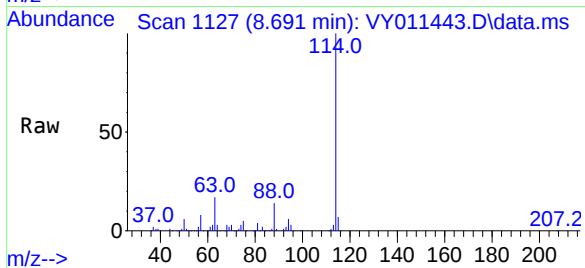
Tgt Ion:114 Resp: 246174

Ion Ratio Lower Upper

114 100

63 17.2 0.0 43.2

88 14.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 63.989 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011443.D

Acq: 14 Nov 2022 16:32

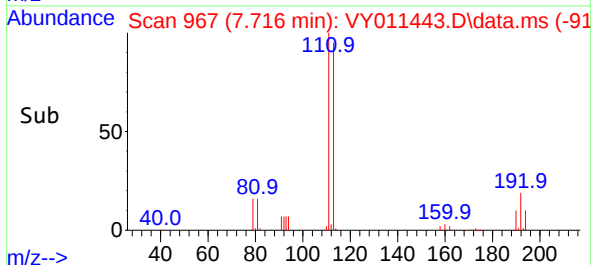
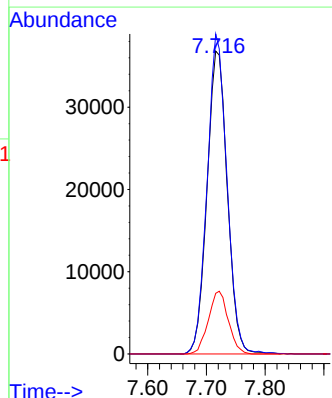
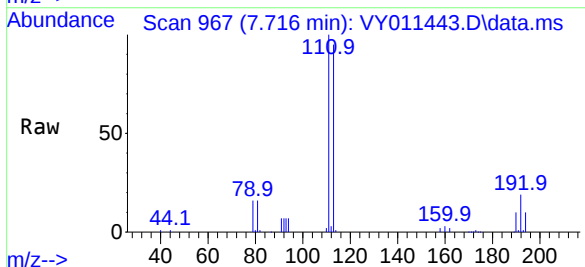
Tgt Ion:113 Resp: 88280

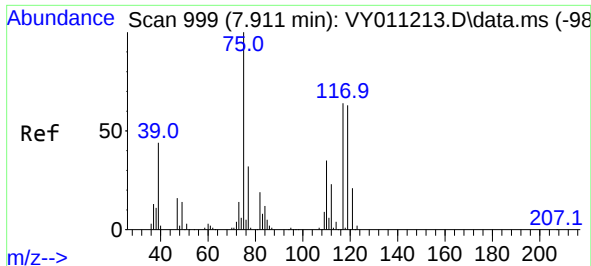
Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

192 20.4 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.461 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY011443.D

Acq: 14 Nov 2022 16:32

Instrument :

MSVOA_Y

ClientSampleId :

RT3249

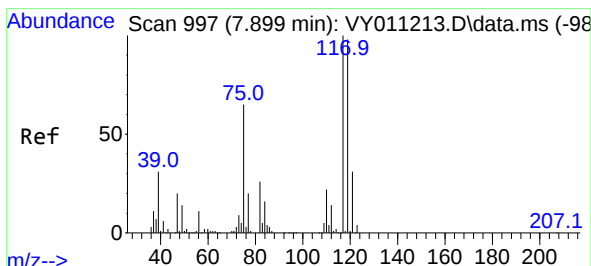
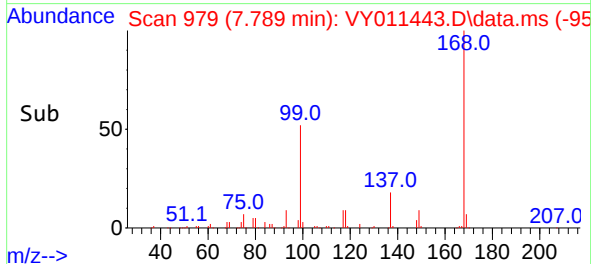
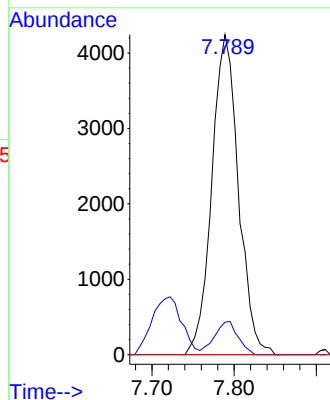
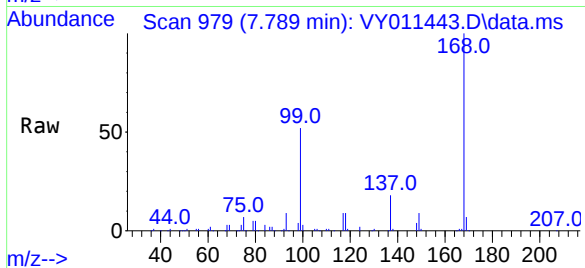
Tgt Ion: 75 Resp: 9552

Ion Ratio Lower Upper

75 100

110 9.2 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.891 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY011443.D

Acq: 14 Nov 2022 16:32

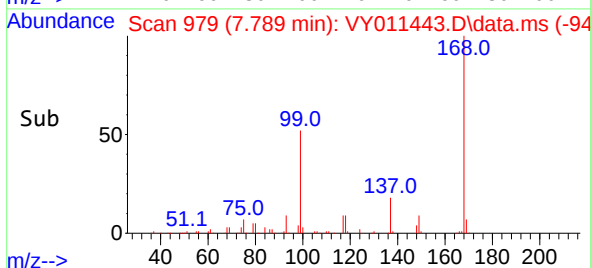
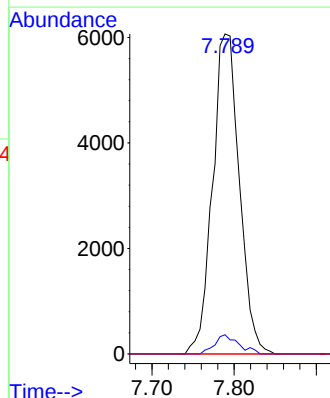
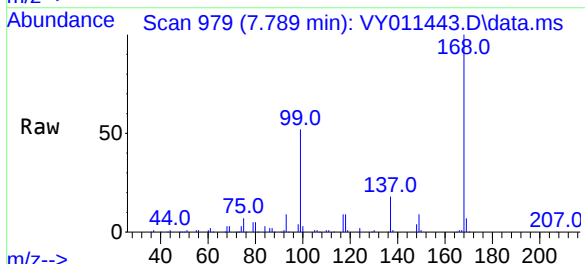
Tgt Ion: 117 Resp: 13721

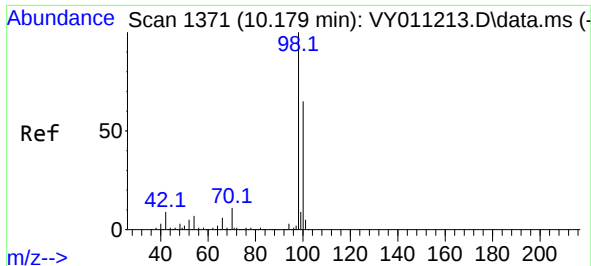
Ion Ratio Lower Upper

117 100

119 6.0 77.9 116.9#

121 0.0 24.8 37.2#

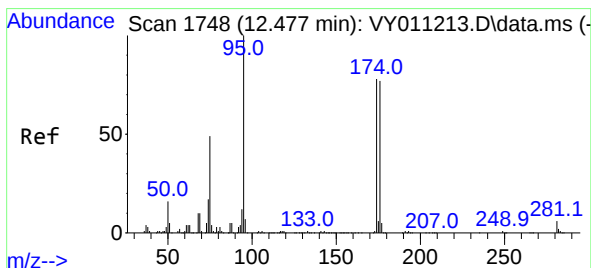
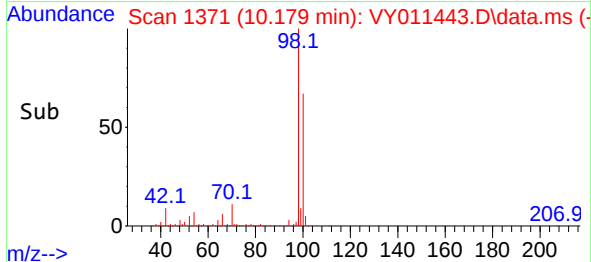
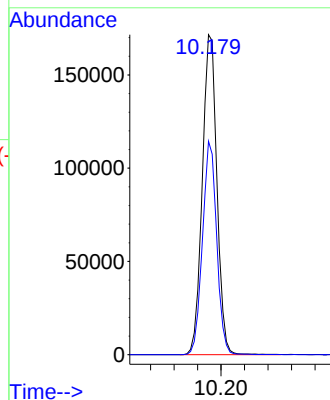
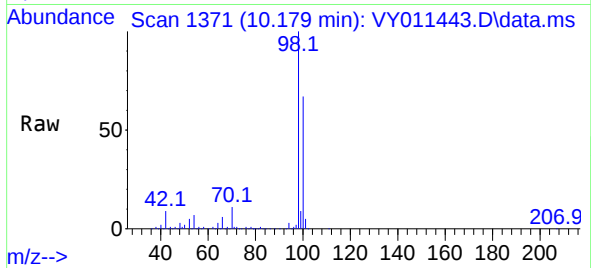




#50
Toluene-d8
Concen: 56.182 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011443.D
Acq: 14 Nov 2022 16:32

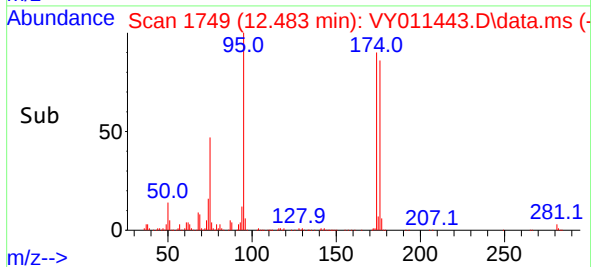
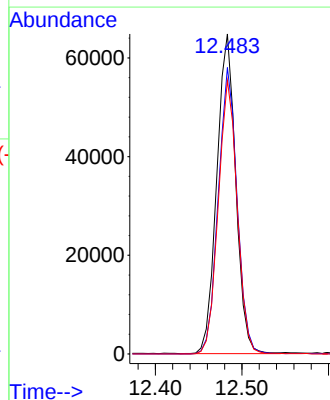
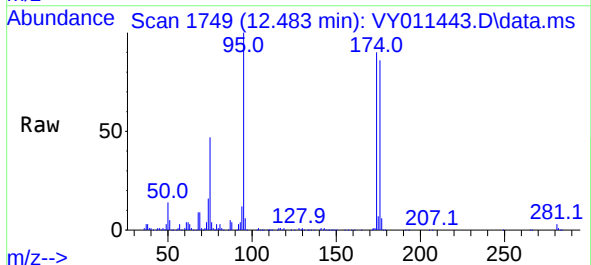
Instrument :
MSVOA_Y
ClientSampleId :
RT3249

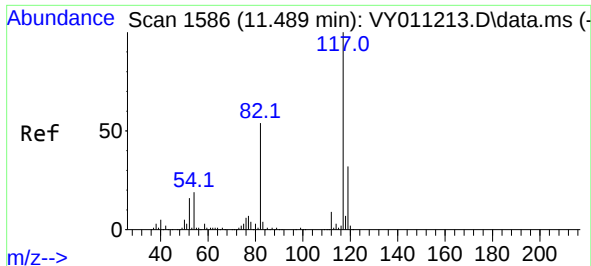
Tgt Ion: 98 Resp: 296112
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 53.556 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011443.D
Acq: 14 Nov 2022 16:32

Tgt Ion: 95 Resp: 98454
Ion Ratio Lower Upper
95 100
174 89.0 0.0 177.0
176 85.3 0.0 175.8

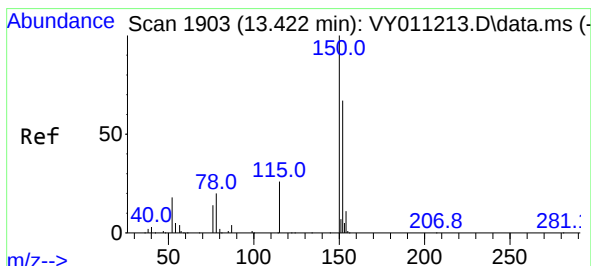
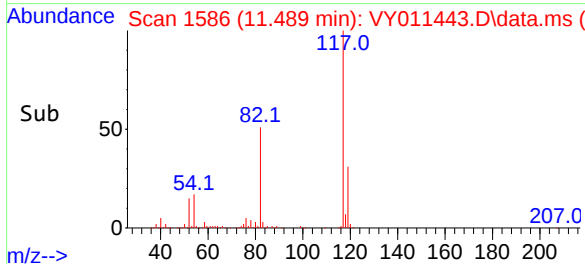
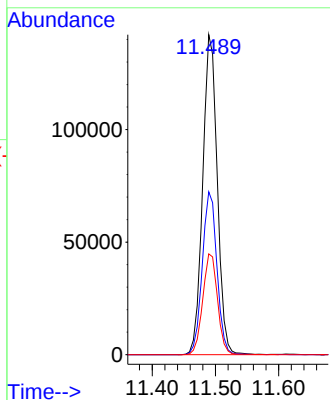
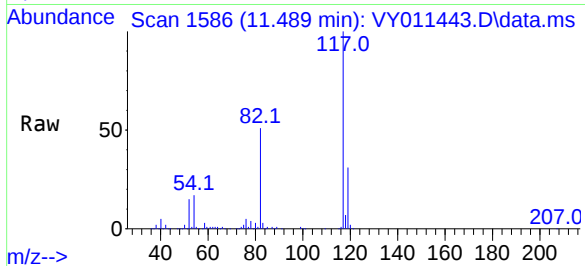




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011443.D
Acq: 14 Nov 2022 16:32

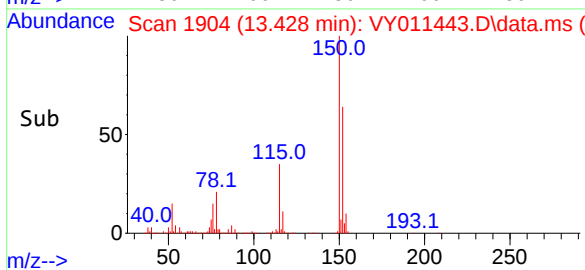
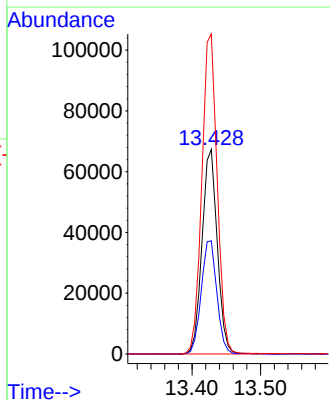
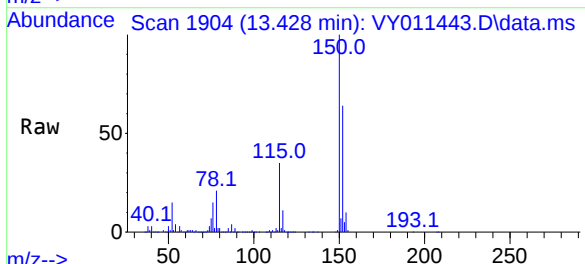
Instrument :
MSVOA_Y
ClientSampleId :
RT3249

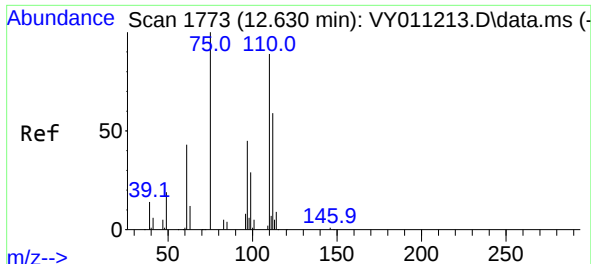
Tgt Ion:117 Resp: 228088
Ion Ratio Lower Upper
117 100
82 50.9 43.0 64.4
119 31.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY011443.D
Acq: 14 Nov 2022 16:32

Tgt Ion:152 Resp: 104382
Ion Ratio Lower Upper
152 100
115 56.8 28.2 84.7
150 157.4 0.0 347.6

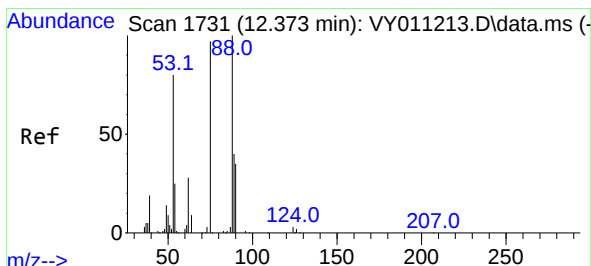
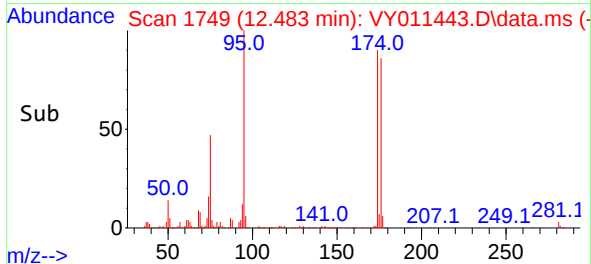
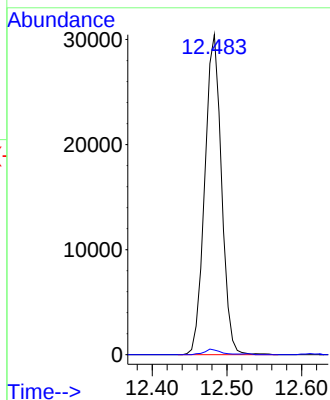
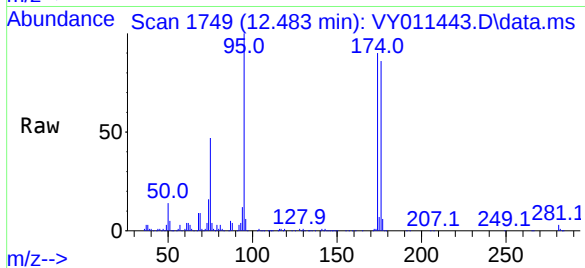




#76
1,2,3-Trichloropropane
Concen: 39.183 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY011443.D
Acq: 14 Nov 2022 16:32

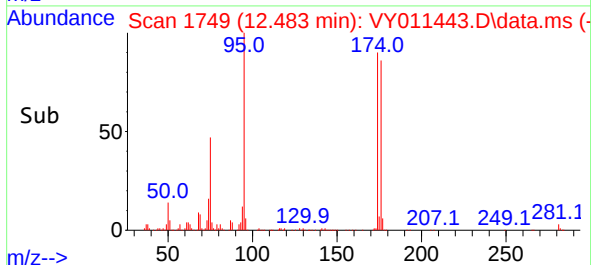
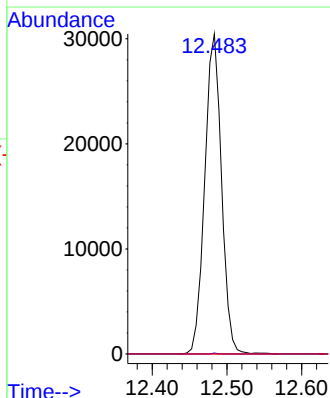
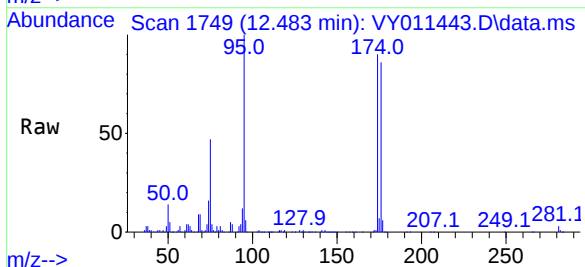
Instrument :
MSVOA_Y
ClientSampleId :
RT3249

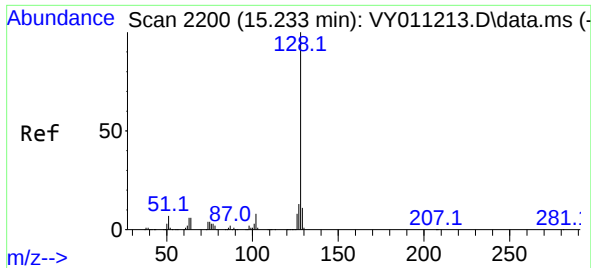
Tgt Ion: 75 Resp: 47343
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.184 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011443.D
Acq: 14 Nov 2022 16:32

Tgt Ion: 75 Resp: 47343
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#





#95
Naphthalene
Concen: 3.488 ug/l
RT: 15.245 min Scan# 21
Delta R.T. 0.012 min
Lab File: VY011443.D
Acq: 14 Nov 2022 16:32

Instrument :
MSVOA_Y
ClientSampleId :
RT3249

Tgt Ion:	128	Resp:	897
Ion	Ratio	Lower	Upper
128	100		
127	14.3	11.0	16.4
129	11.4	8.4	12.6

