

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122322\
 Data File : VY011995.D
 Acq On : 23 Dec 2022 14:14
 Operator : KP/MD
 Sample : N6200-01
 Misc : 5.48g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 23 22:25:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

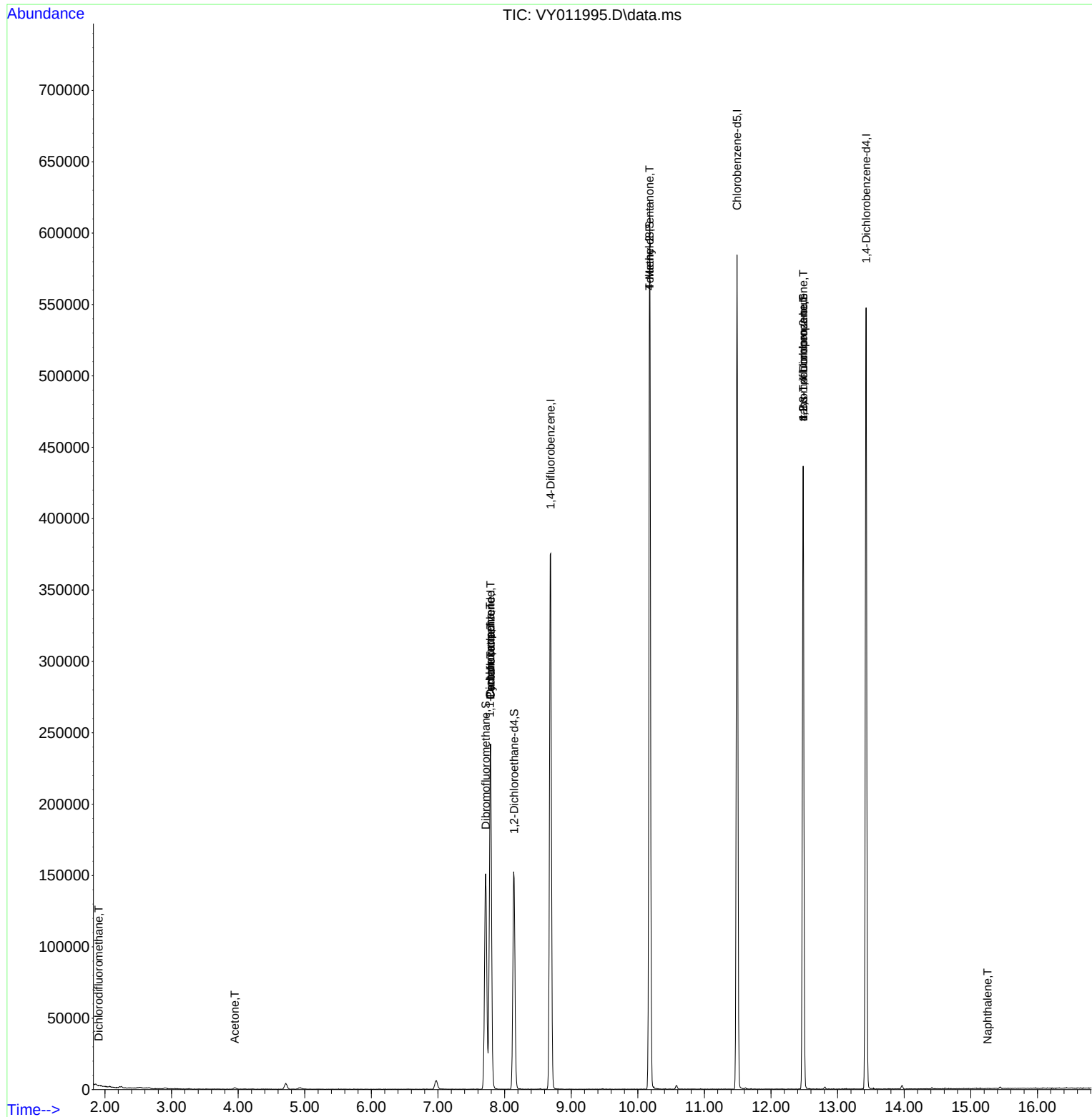
Internal Standards						
1) Pentafluorobenzene	7.789	168	188348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	331477	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	314749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	143478	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	123752	65.216	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.440%	
35) Dibromofluoromethane	7.716	113	106134	53.184	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.360%	
50) Toluene-d8	10.179	98	402893	49.761	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.520%	
62) 4-Bromofluorobenzene	12.483	95	130843	48.050	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.100%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	48	2.498	ug/l #	41
11) Tert butyl alcohol	4.924	59	1592	Below Cal	#	74
16) Acetone	3.948	43	1819	8.023	ug/l #	87
20) Methylene Chloride	4.716	84	3314	Below Cal	#	85
31) Cyclohexane	7.789	56	3553	1.112	ug/l #	5
36) 1,1-Dichloropropene	7.783	75	13454	4.203	ug/l #	50
38) Carbon Tetrachloride	7.789	117	18733	5.067	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	1474	1.054	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	68562	38.403	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	68562	105.166	ug/l #	13
95) Naphthalene	15.251	128	236	2.820	ug/l #	69

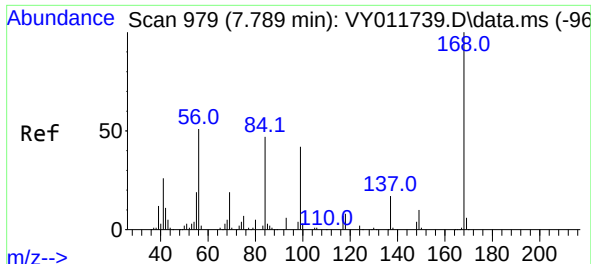
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 23 22:25:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 20 12:37:37 2022
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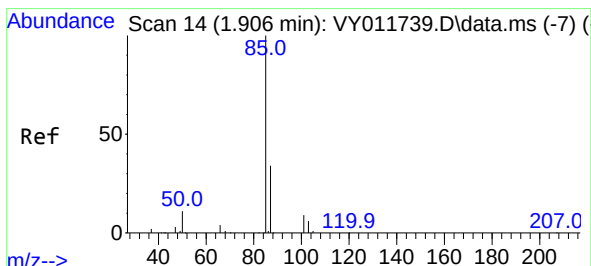
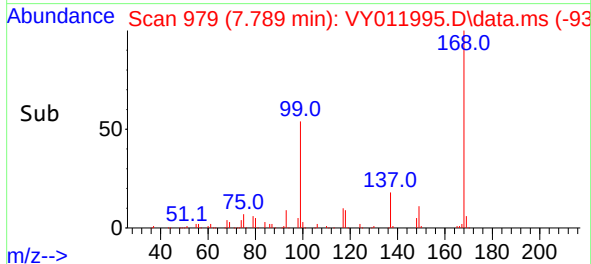
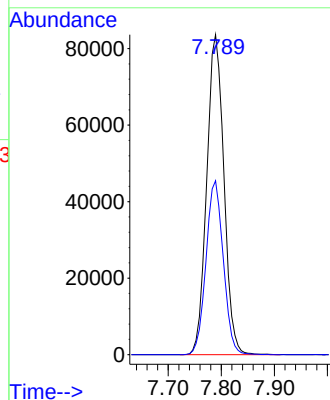
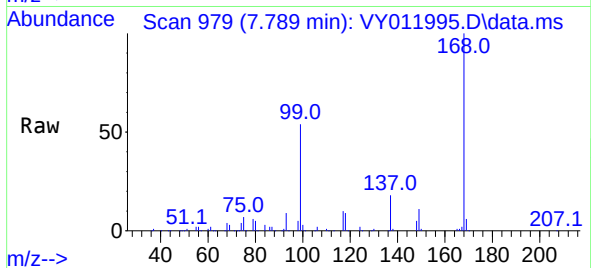




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011995.D
Acq: 23 Dec 2022 14:14

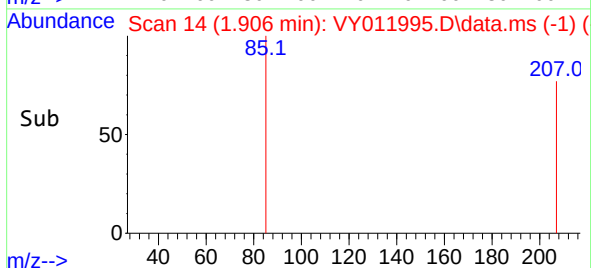
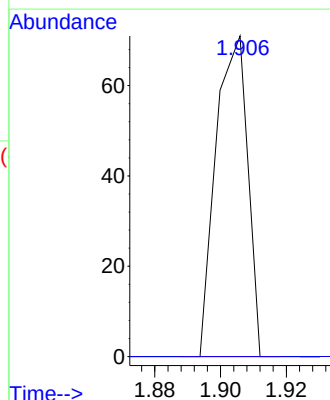
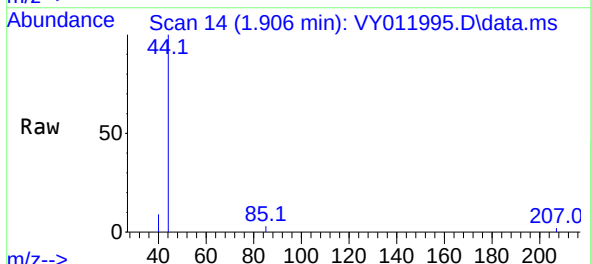
Instrument :
MSVOA_Y
ClientSampleId :

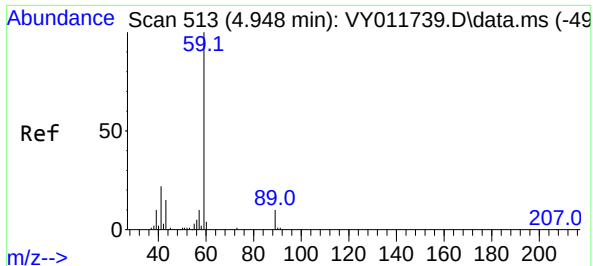
Tgt Ion:168 Resp: 188348
Ion Ratio Lower Upper
168 100
99 54.3 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 2.498 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY011995.D
Acq: 23 Dec 2022 14:14

Tgt Ion: 85 Resp: 48
Ion Ratio Lower Upper
85 100
87 0.0 16.8 50.4#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.924 min Scan# 509

Delta R.T. -0.024 min

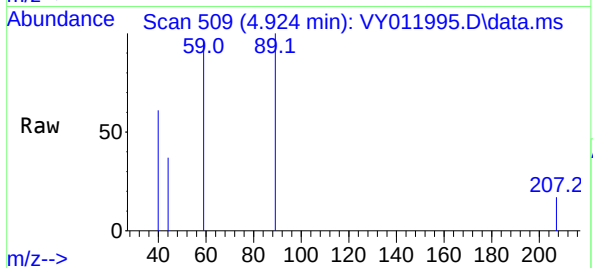
Lab File: VY011995.D

Acq: 23 Dec 2022 14:14

Instrument :

MSVOA_Y

ClientSampleId :

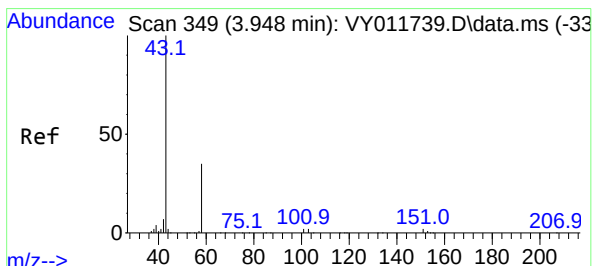
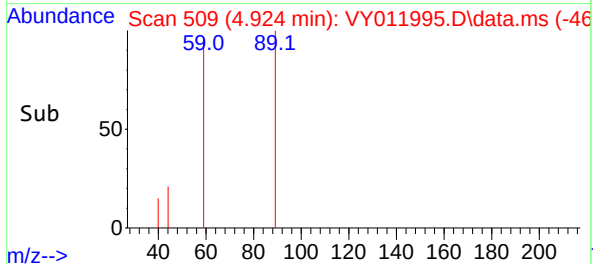
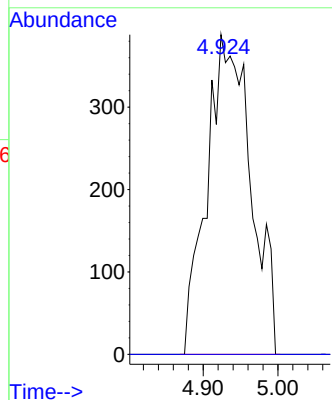


Tgt Ion: 59 Resp: 1592

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



#16

Acetone

Concen: 8.023 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY011995.D

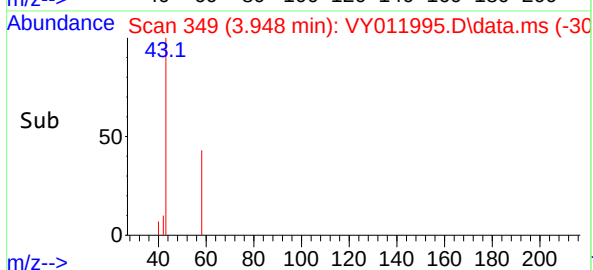
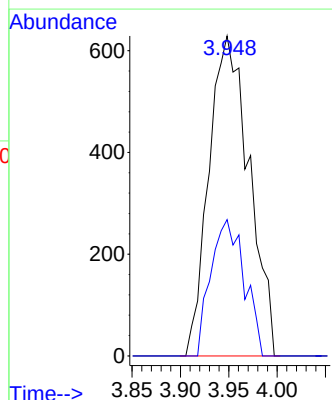
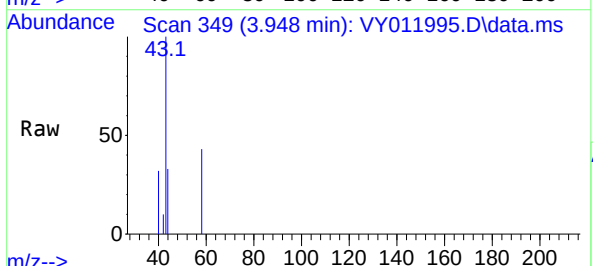
Acq: 23 Dec 2022 14:14

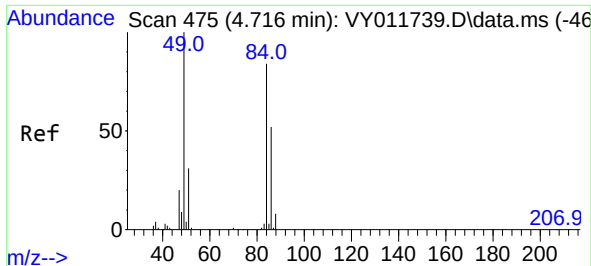
Tgt Ion: 43 Resp: 1819

Ion Ratio Lower Upper

43 100

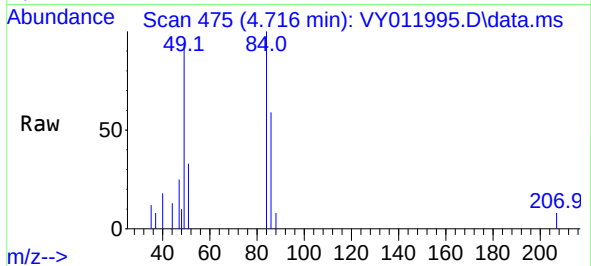
58 42.6 27.9 41.9#





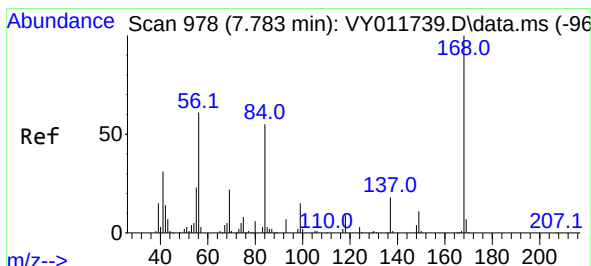
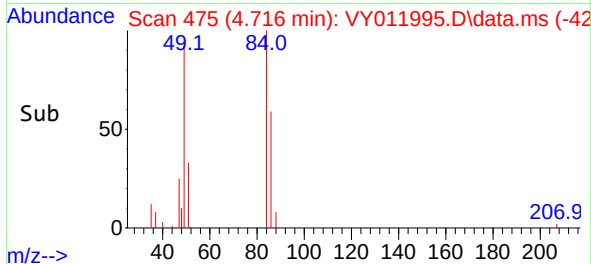
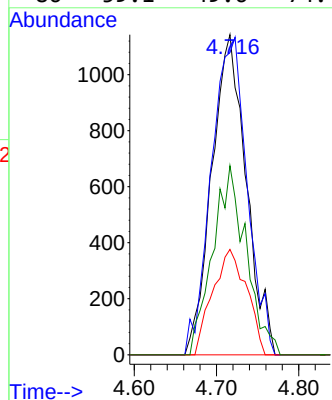
#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011995.D
Acq: 23 Dec 2022 14:14

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 3314

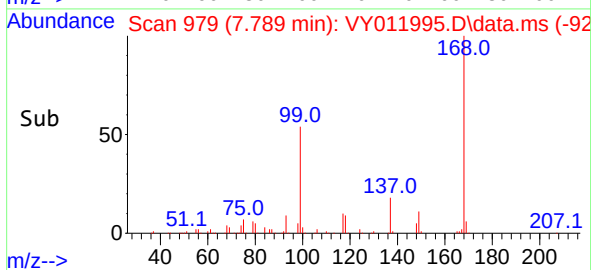
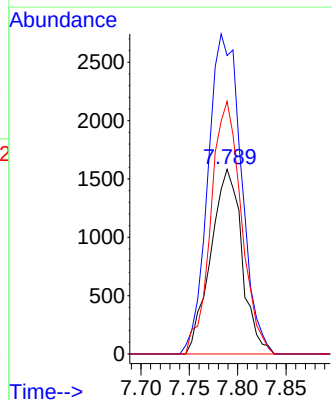
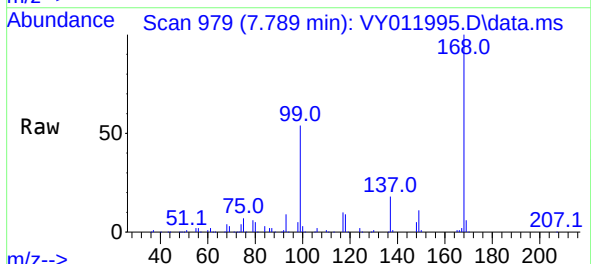
Ion	Ratio	Lower	Upper
84	100		
49	94.4	95.4	143.2#
51	32.9	29.9	44.9
86	59.1	49.6	74.4

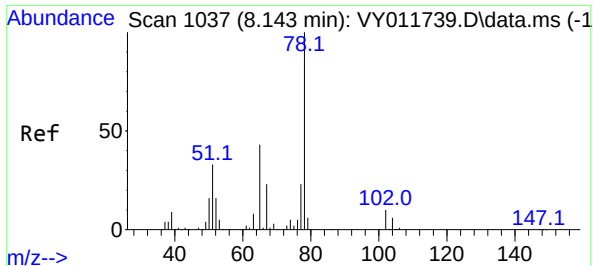


#31
Cyclohexane
Concen: 1.112 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY011995.D
Acq: 23 Dec 2022 14:14

Tgt Ion: 56 Resp: 3553

Ion	Ratio	Lower	Upper
56	100		
69	161.6	29.2	43.8#
84	136.7	72.6	108.8#

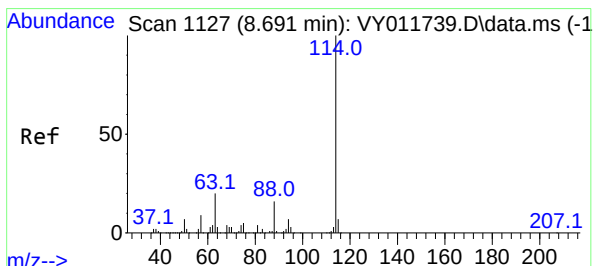
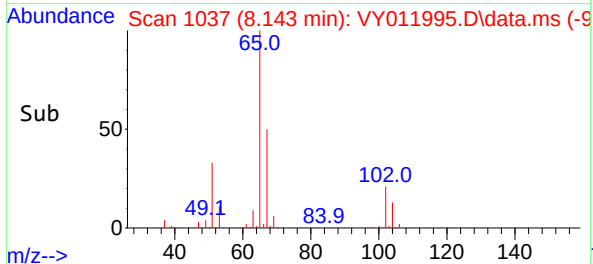
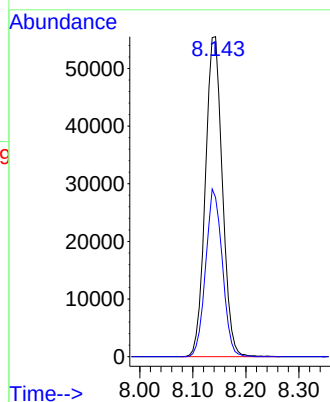
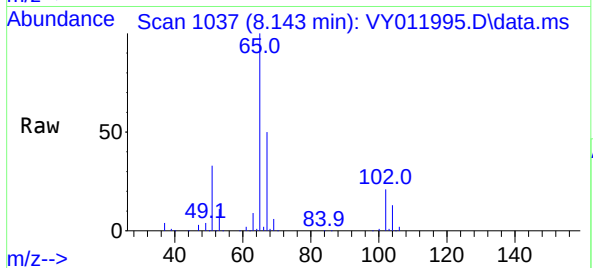




#33
1,2-Dichloroethane-d4
Concen: 65.216 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011995.D
Acq: 23 Dec 2022 14:14

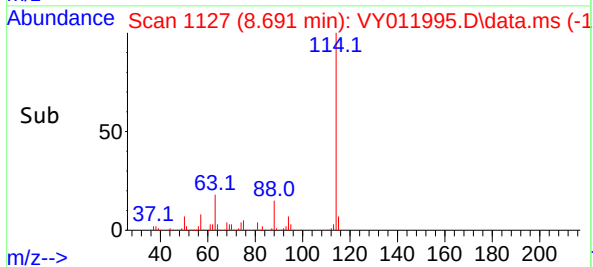
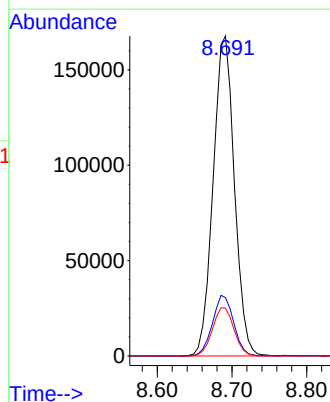
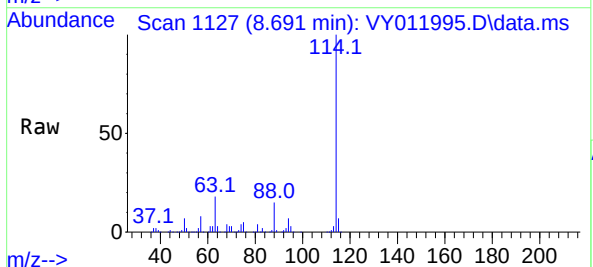
Instrument :
MSVOA_Y
ClientSampleId :

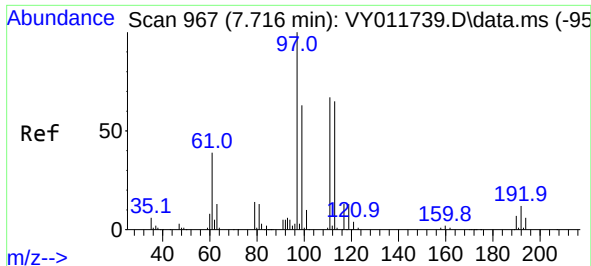
Tgt Ion: 65 Resp: 123752
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY011995.D
Acq: 23 Dec 2022 14:14

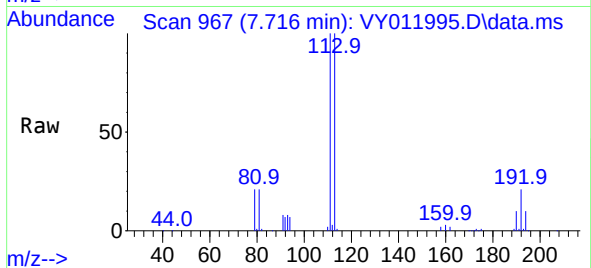
Tgt Ion: 114 Resp: 331477
Ion Ratio Lower Upper
114 100
63 18.3 0.0 39.6
88 15.0 0.0 32.2



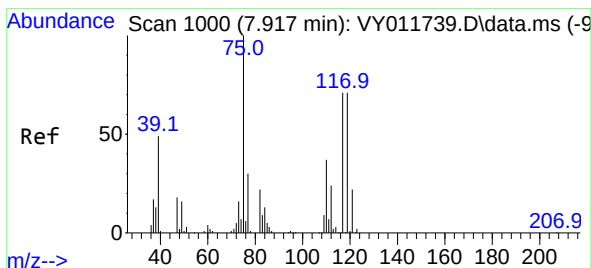
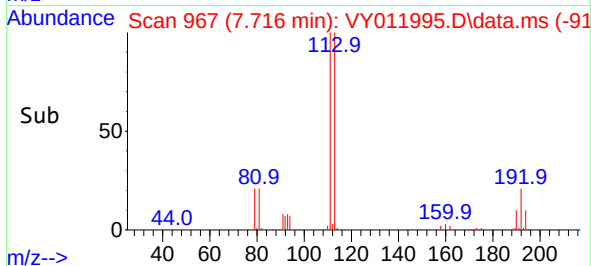
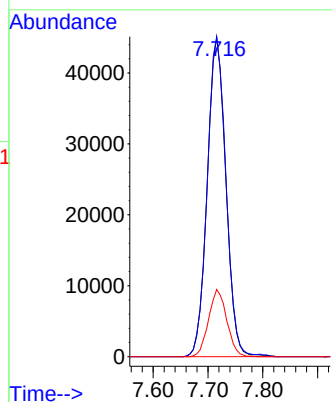


#35
Dibromofluoromethane
Concen: 53.184 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011995.D
Acq: 23 Dec 2022 14:14

Instrument :
MSVOA_Y
ClientSampleId :

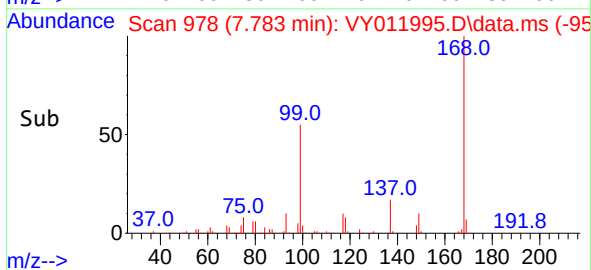
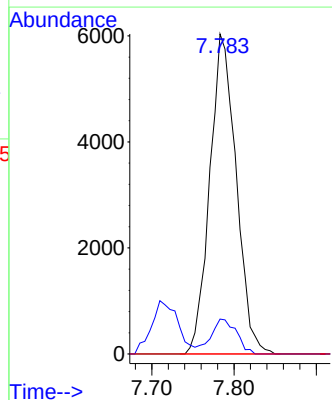
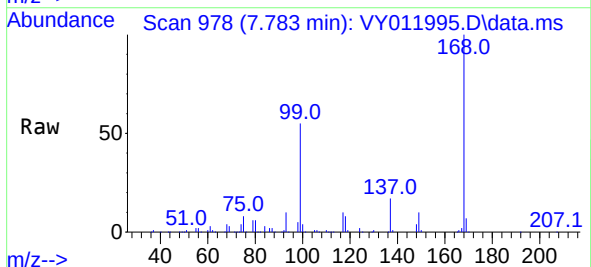


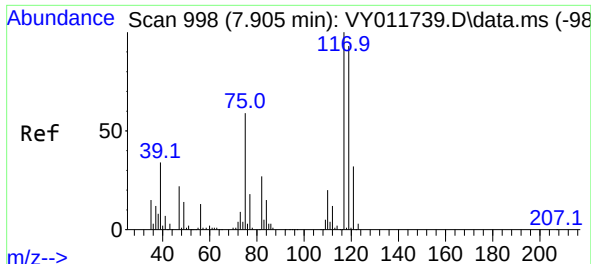
Tgt Ion:113 Resp: 106134
Ion Ratio Lower Upper
113 100
111 101.0 83.0 124.4
192 20.6 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.203 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY011995.D
Acq: 23 Dec 2022 14:14

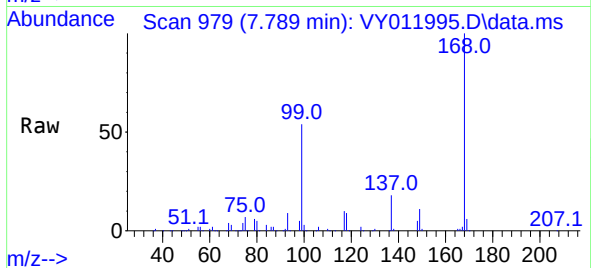
Tgt Ion: 75 Resp: 13454
Ion Ratio Lower Upper
75 100
110 10.6 18.1 54.1#
77 0.0 25.1 37.7#



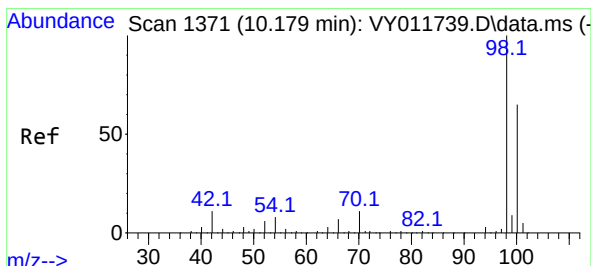
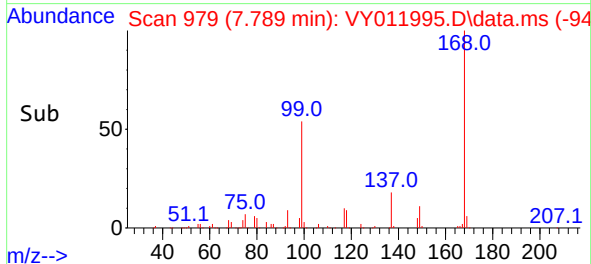
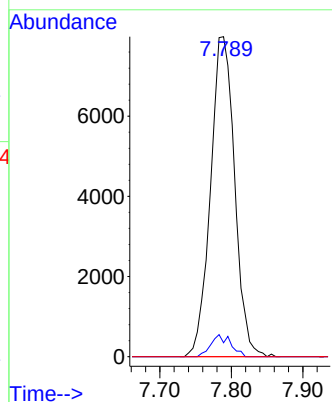


#38
Carbon Tetrachloride
Concen: 5.067 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011995.D
Acq: 23 Dec 2022 14:14

Instrument :
MSVOA_Y
ClientSampleId :

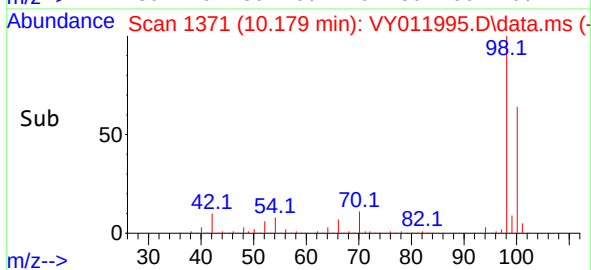
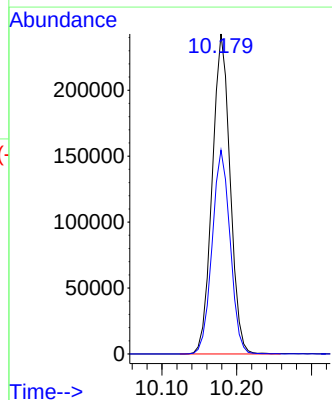
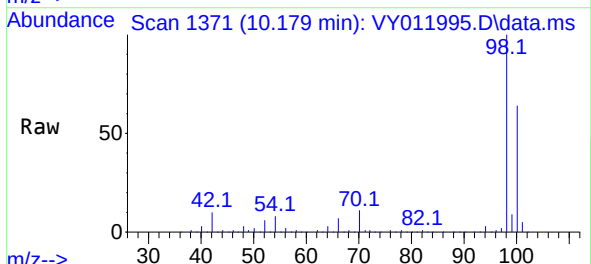


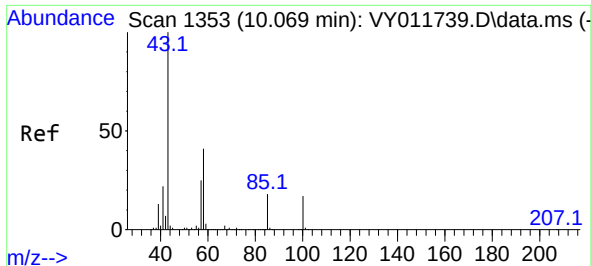
Tgt Ion:117 Resp: 18733
Ion Ratio Lower Upper
117 100
119 4.3 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 49.761 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011995.D
Acq: 23 Dec 2022 14:14

Tgt Ion: 98 Resp: 402893
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9

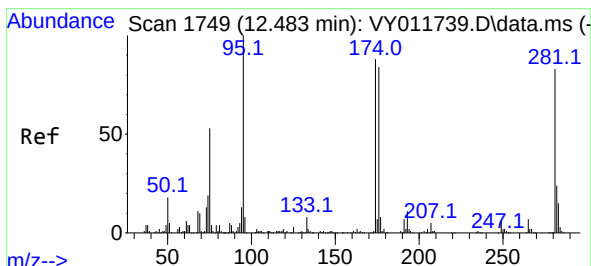
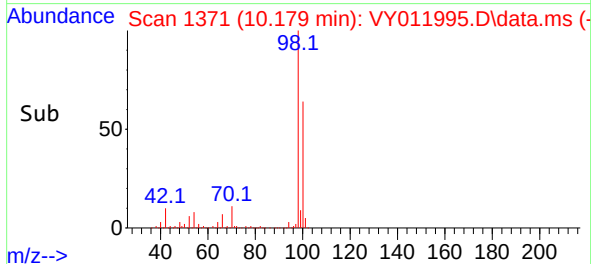
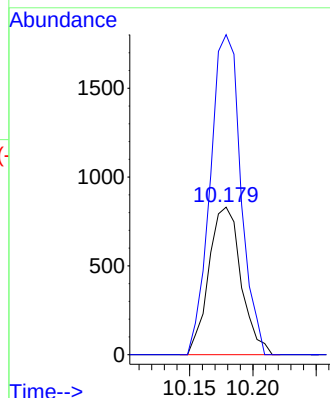
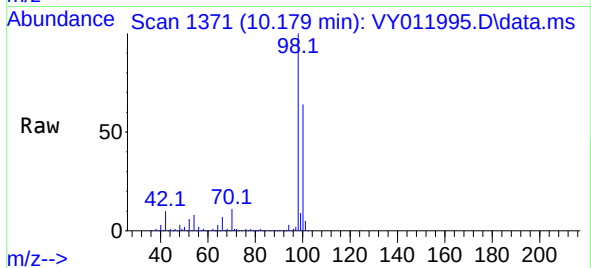




#51
4-Methyl-2-Pentanone
Concen: 1.054 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY011995.D
Acq: 23 Dec 2022 14:14

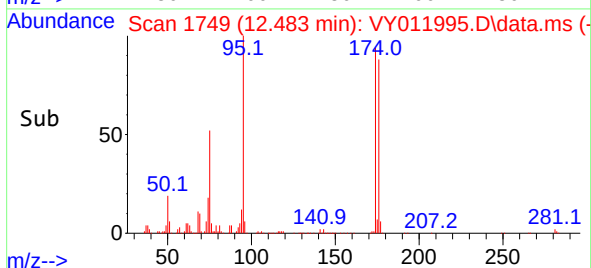
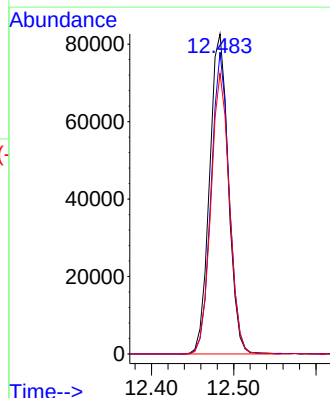
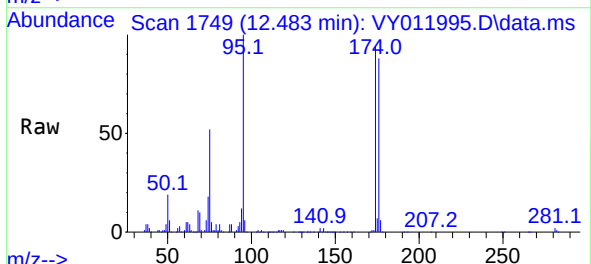
Instrument :
MSVOA_Y
ClientSampleId :

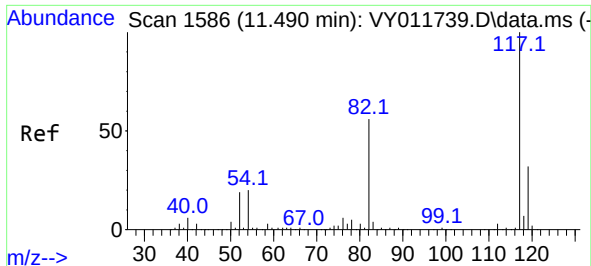
Tgt Ion: 43 Resp: 1474
Ion Ratio Lower Upper
43 100
58 205.8 32.9 49.3#



#62
4-Bromofluorobenzene
Concen: 48.050 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011995.D
Acq: 23 Dec 2022 14:14

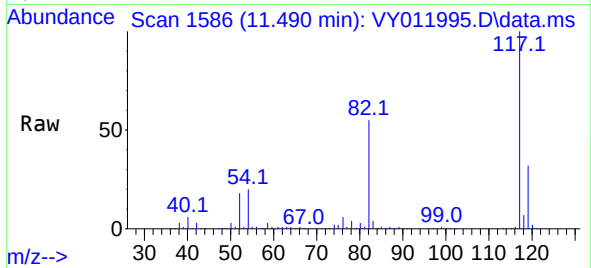
Tgt Ion: 95 Resp: 130843
Ion Ratio Lower Upper
95 100
174 90.5 0.0 172.0
176 86.4 0.0 167.6



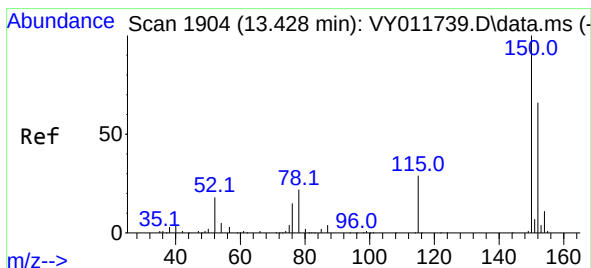
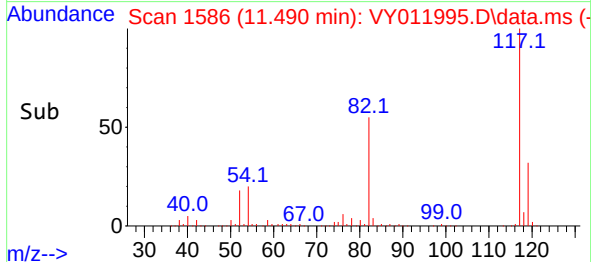
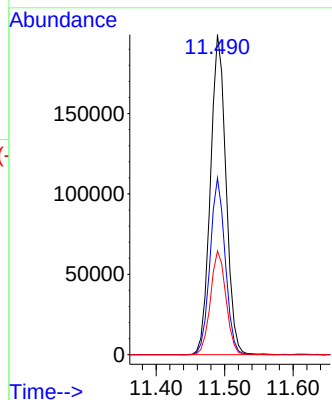


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY011995.D
Acq: 23 Dec 2022 14:14

Instrument :
MSVOA_Y
ClientSampleId :

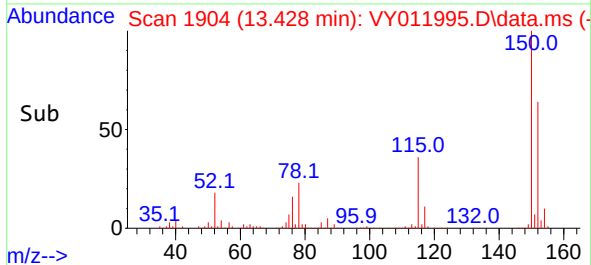
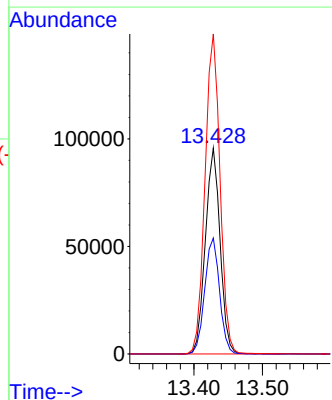
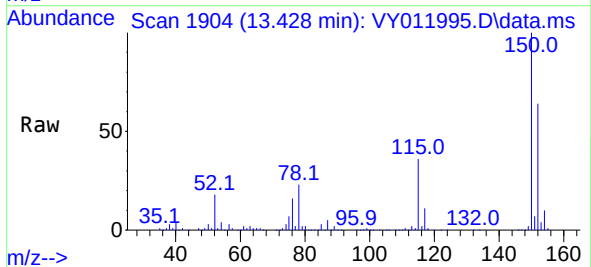


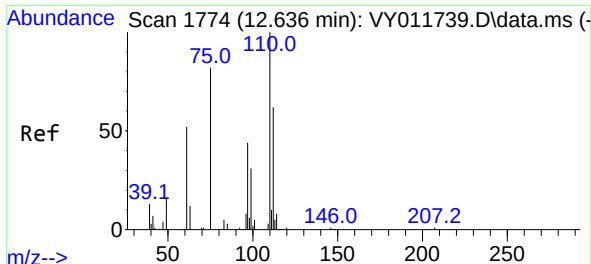
Tgt Ion:117 Resp: 314749
Ion Ratio Lower Upper
117 100
82 55.2 44.8 67.2
119 32.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011995.D
Acq: 23 Dec 2022 14:14

Tgt Ion:152 Resp: 143478
Ion Ratio Lower Upper
152 100
115 56.7 29.1 87.3
150 158.2 0.0 342.6

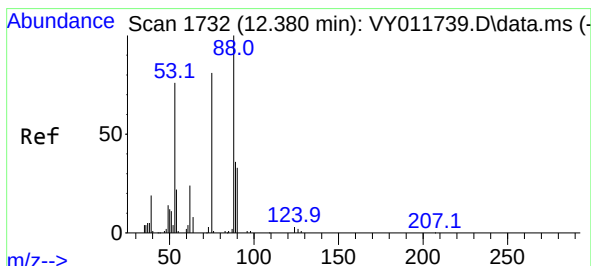
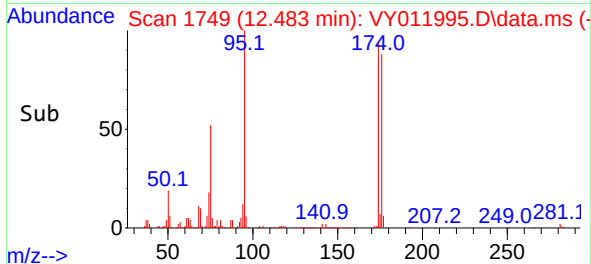
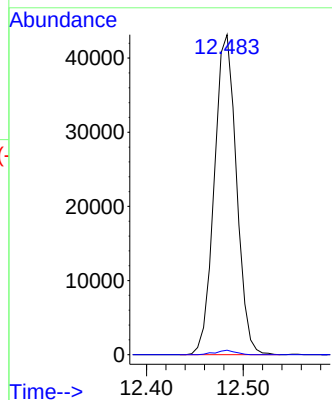
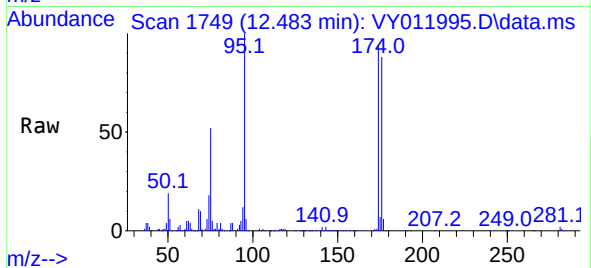




#76
1,2,3-Trichloropropane
Concen: 38.403 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY011995.D
Acq: 23 Dec 2022 14:14

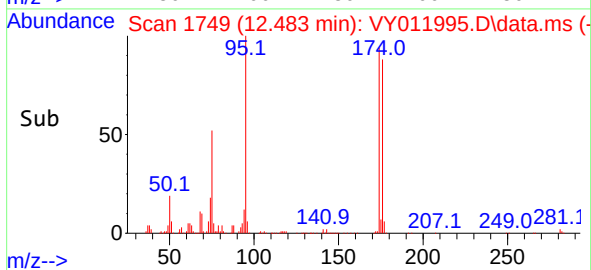
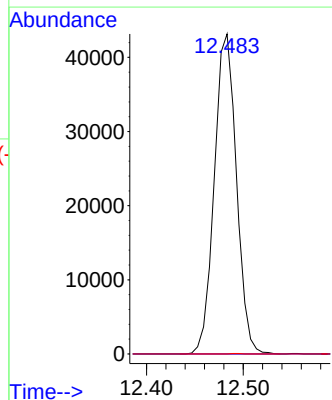
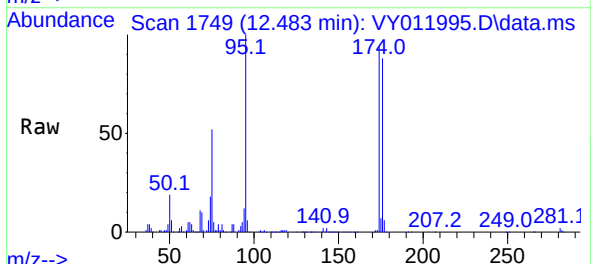
Instrument :
MSVOA_Y
ClientSampleId :

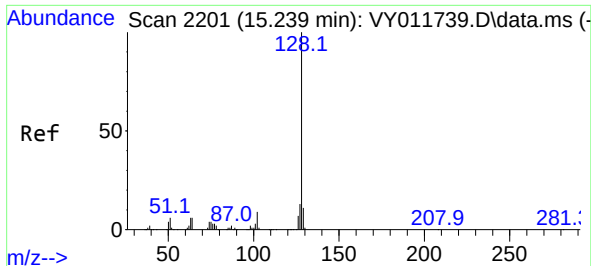
Tgt Ion: 75 Resp: 68562
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.166 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY011995.D
Acq: 23 Dec 2022 14:14

Tgt Ion: 75 Resp: 68562
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.1 37.0 55.4#





#95

Naphthalene

Concen: 2.820 ug/l

RT: 15.251 min Scan# 21

Delta R.T. 0.012 min

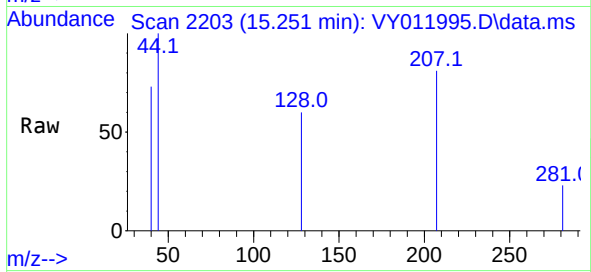
Lab File: VY011995.D

Acq: 23 Dec 2022 14:14

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:128 Resp: 236

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

129 0.0 8.8 13.2#

