

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081922\
 Data File : VY010137.D
 Acq On : 20 Aug 2022 05:33
 Operator : KP/MD
 Sample : N4205-05
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-5

Quant Time: Aug 22 02:54:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

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

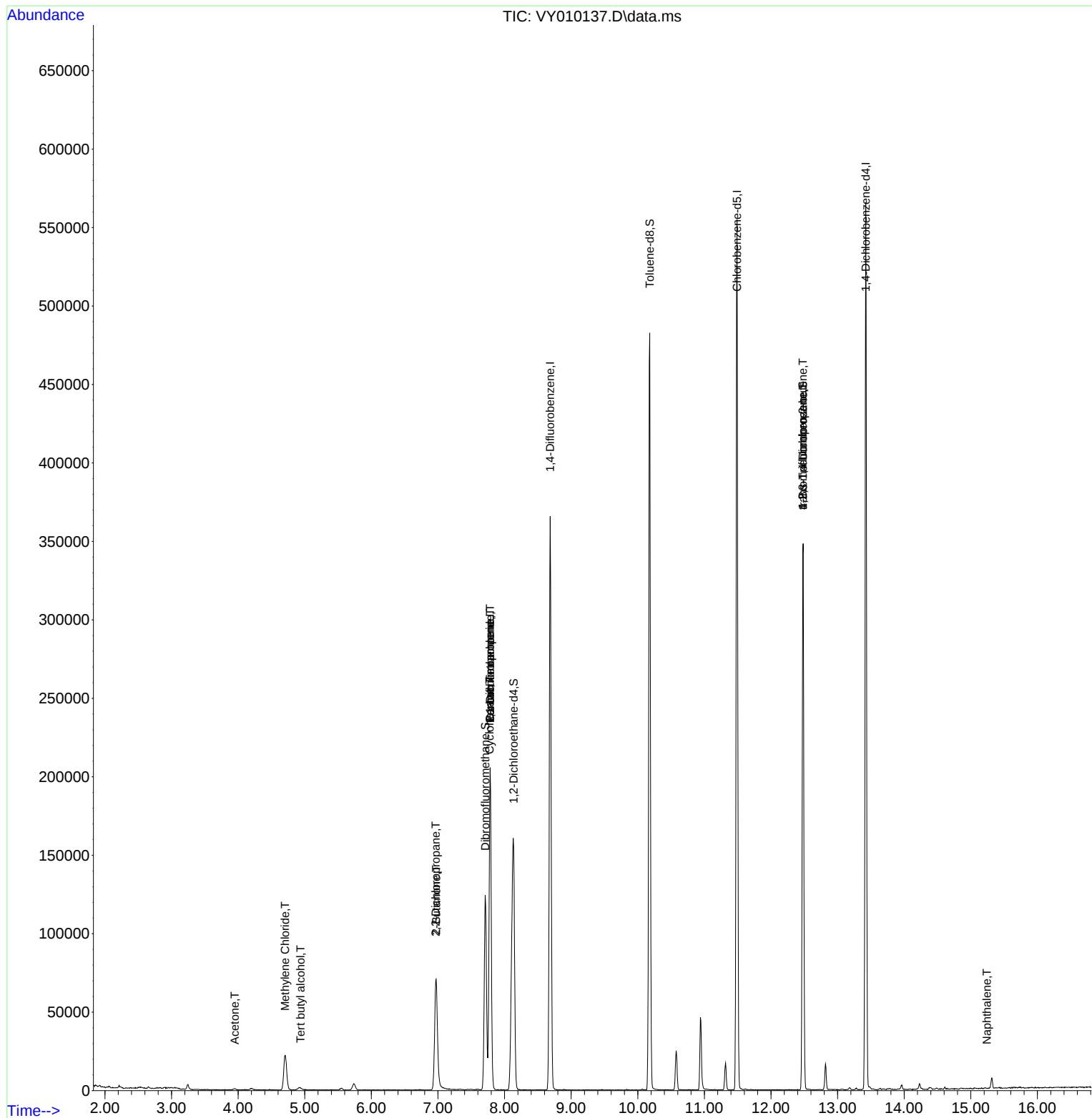
Internal Standards						
1) Pentafluorobenzene	7.783	168	164994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	319997	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	318149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	148494	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	92495	68.441	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 136.880%			
35) Dibromofluoromethane	7.710	113	89227	49.485	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.960%			
50) Toluene-d8	10.179	98	327864	48.526	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.060%			
62) 4-Bromofluorobenzene	12.477	95	108639	45.003	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 90.000%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.936	59	2469	27.340	ug/l #	73
16) Acetone	3.948	43	1372	4.056	ug/l #	82
20) Methylene Chloride	4.704	84	17437	1.201	ug/l	93
25) 2-Butanone	6.972	43	3404	6.256	ug/l #	69
26) 2,2-Dichloropropane	6.966	77	5138	2.016	ug/l #	50
31) Cyclohexane	7.777	56	2944	1.063	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	12403	4.309	ug/l #	48
38) Carbon Tetrachloride	7.783	117	15619	5.175	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	52741	37.924	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	52741	76.171	ug/l #	18
95) Naphthalene	15.239	128	208	3.920	ug/l #	69

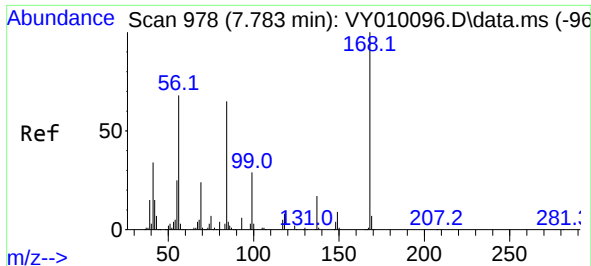
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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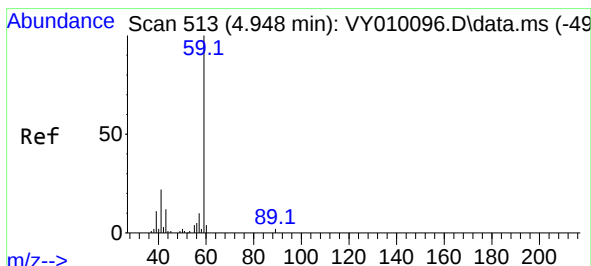
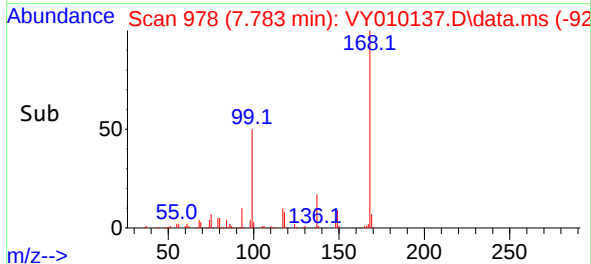
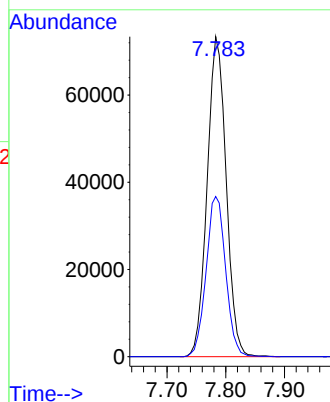
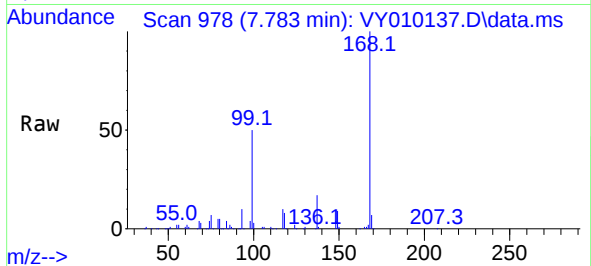




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010137.D
Acq: 20 Aug 2022 05:33

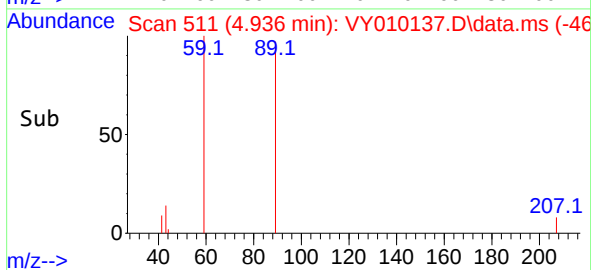
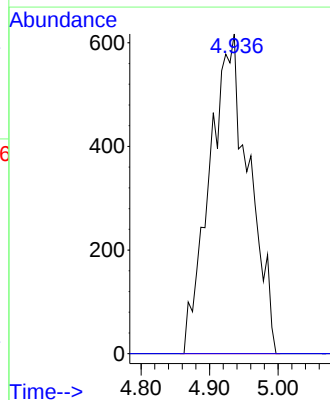
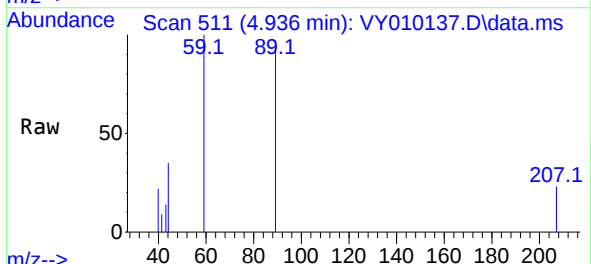
Instrument :
MSVOA_Y
ClientSampleId :
SS-5

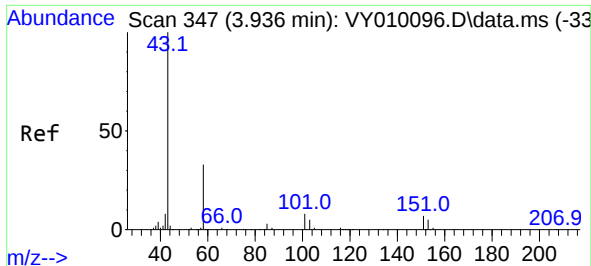
Tgt Ion:168 Resp: 164994
Ion Ratio Lower Upper
168 100
99 50.0 40.7 61.1



#11
Tert butyl alcohol
Concen: 27.340 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY010137.D
Acq: 20 Aug 2022 05:33

Tgt Ion: 59 Resp: 2469
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

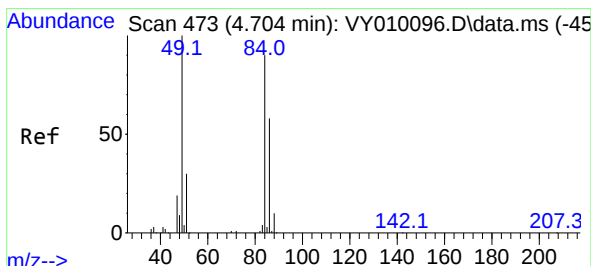
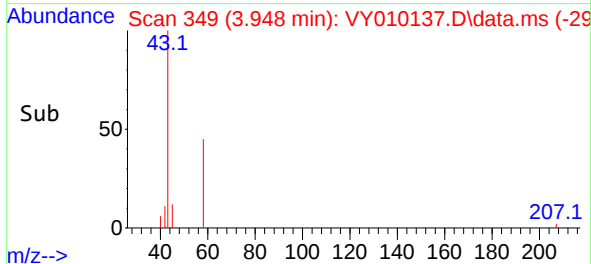
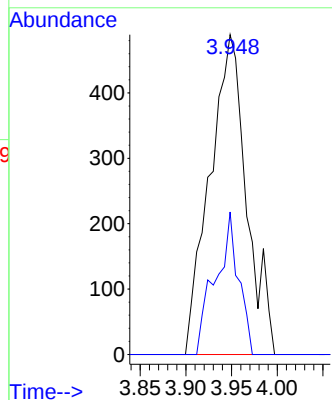
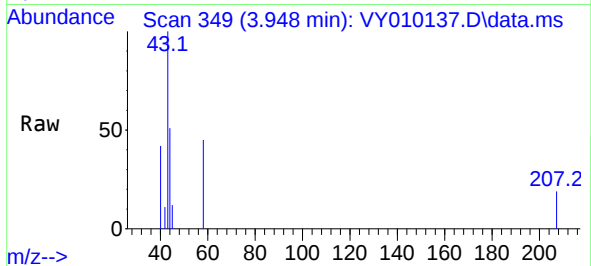




#16
Acetone
Concen: 4.056 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY010137.D
Acq: 20 Aug 2022 05:33

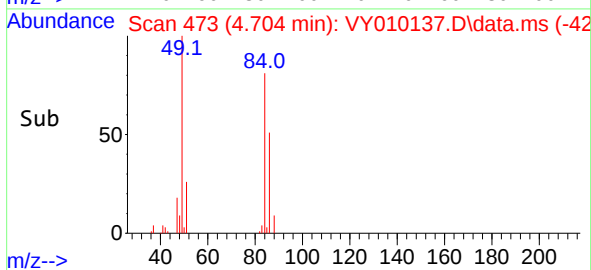
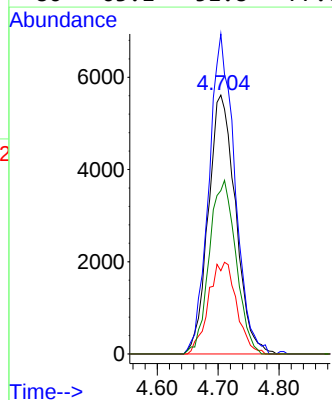
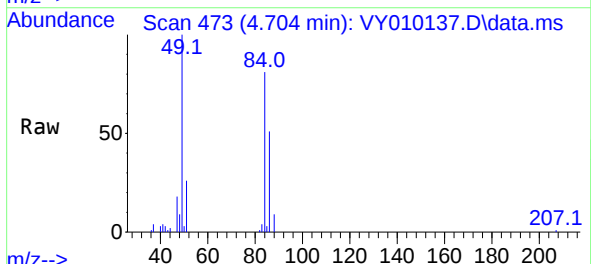
Instrument :
MSVOA_Y
ClientSampleId :
SS-5

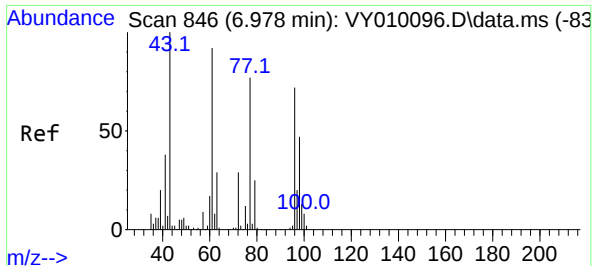
Tgt Ion: 43 Resp: 1372
Ion Ratio Lower Upper
43 100
58 44.6 27.4 41.0#



#20
Methylene Chloride
Concen: 1.201 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY010137.D
Acq: 20 Aug 2022 05:33

Tgt Ion: 84 Resp: 17437
Ion Ratio Lower Upper
84 100
49 123.6 89.0 133.4
51 32.1 27.0 40.6
86 63.1 51.8 77.6





#25

2-Butanone

Concen: 6.256 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY010137.D

Acq: 20 Aug 2022 05:33

Instrument :

MSVOA_Y

ClientSampleId :

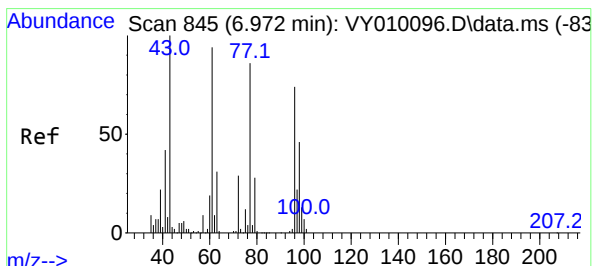
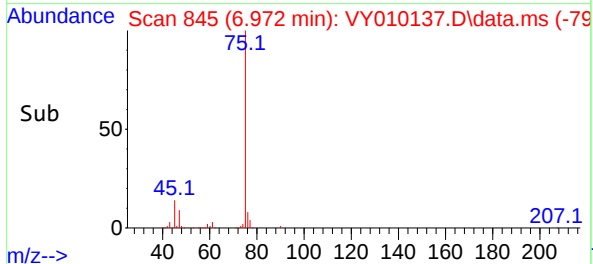
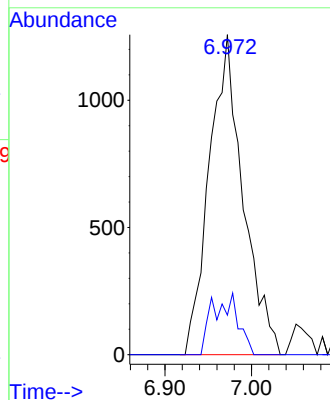
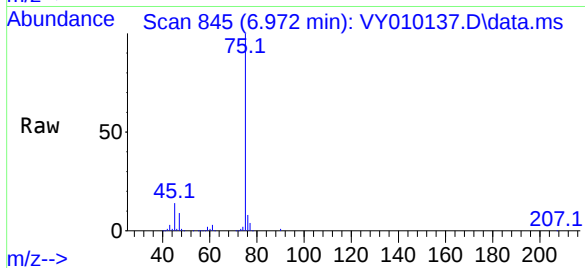
SS-5

Tgt Ion: 43 Resp: 3404

Ion Ratio Lower Upper

43 100

72 12.3 23.2 34.8#



#26

2,2-Dichloropropane

Concen: 2.016 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.006 min

Lab File: VY010137.D

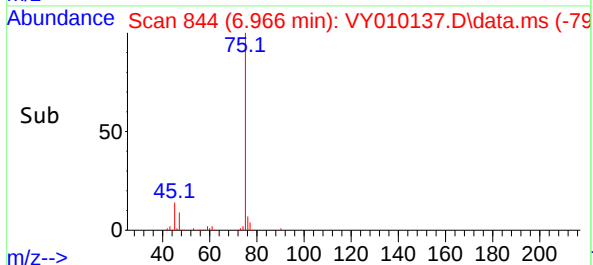
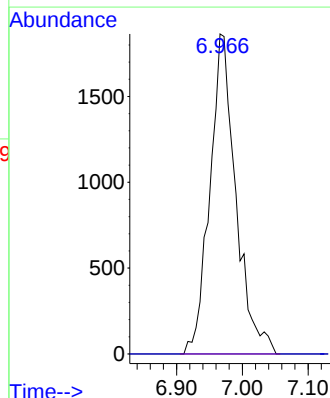
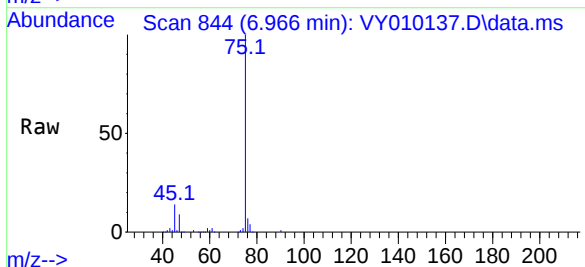
Acq: 20 Aug 2022 05:33

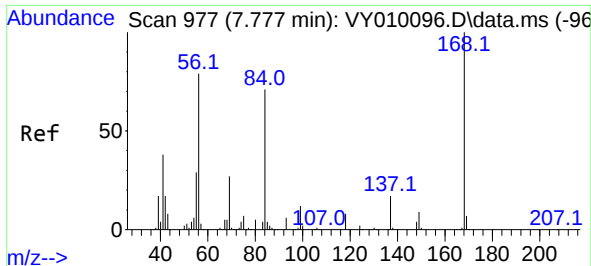
Tgt Ion: 77 Resp: 5138

Ion Ratio Lower Upper

77 100

97 0.0 12.4 37.4#

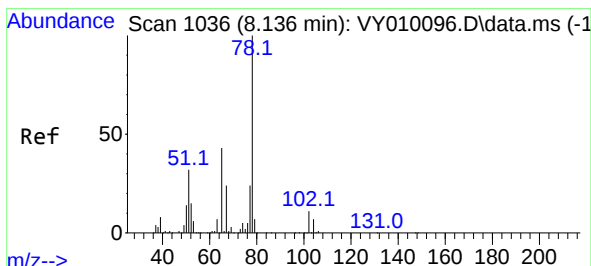
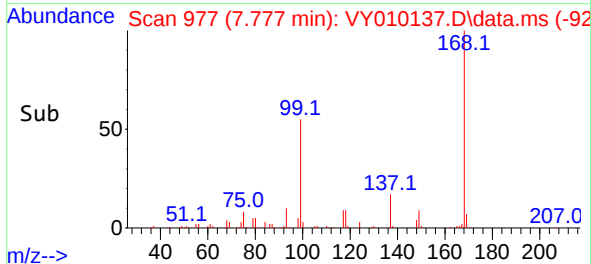
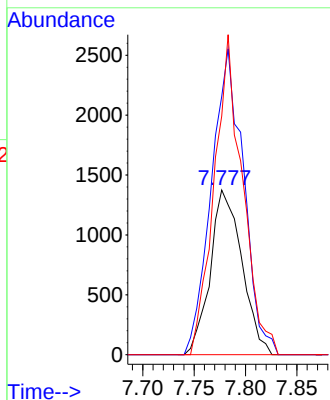
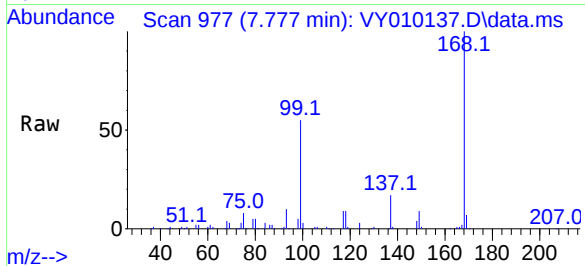




#31
Cyclohexane
Concen: 1.063 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010137.D
Acq: 20 Aug 2022 05:33

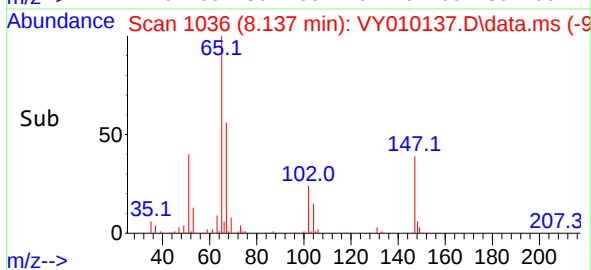
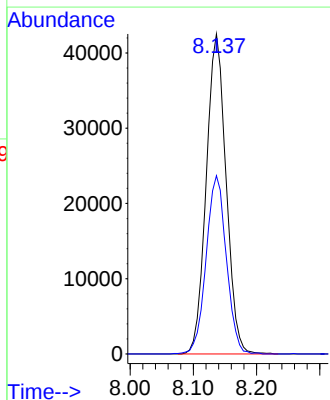
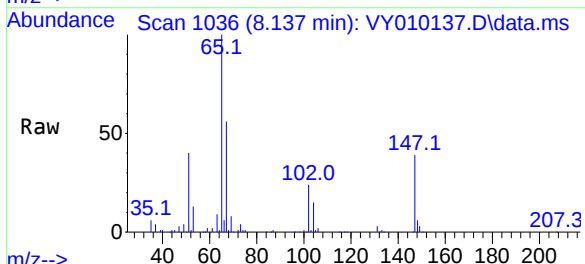
Instrument :
MSVOA_Y
ClientSampleId :
SS-5

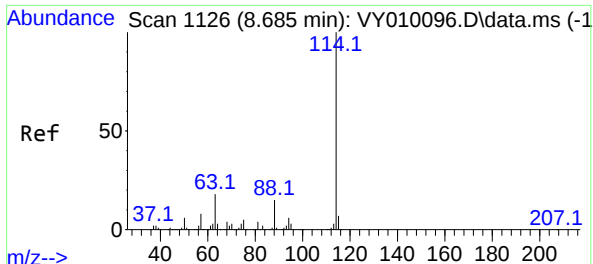
Tgt Ion: 56 Resp: 2944
Ion Ratio Lower Upper
56 100
69 156.9 27.3 40.9#
84 144.9 72.6 109.0#



#33
1,2-Dichloroethane-d4
Concen: 68.441 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY010137.D
Acq: 20 Aug 2022 05:33

Tgt Ion: 65 Resp: 92495
Ion Ratio Lower Upper
65 100
67 56.8 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010137.D

Acq: 20 Aug 2022 05:33

Instrument :

MSVOA_Y

ClientSampleId :

SS-5

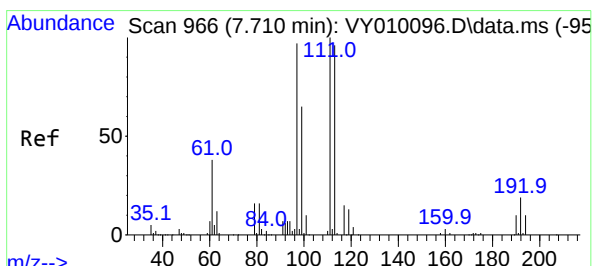
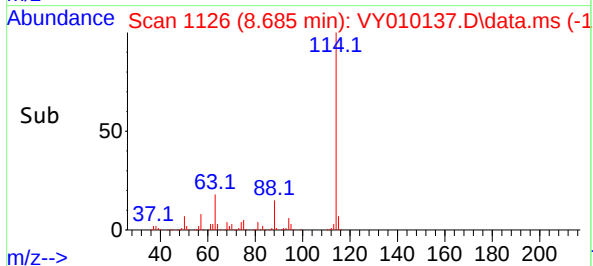
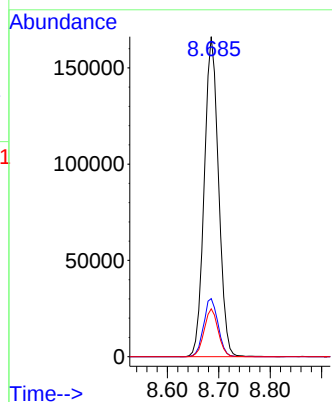
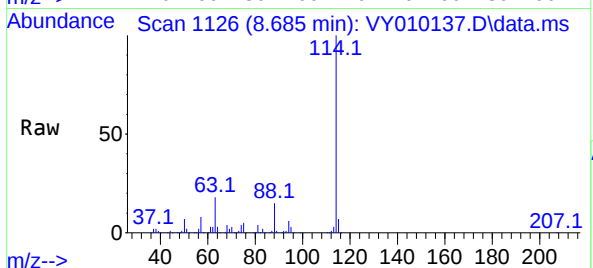
Tgt Ion:114 Resp: 319997

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.6

88 14.9 0.0 29.6



#35

Dibromofluoromethane

Concen: 49.485 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010137.D

Acq: 20 Aug 2022 05:33

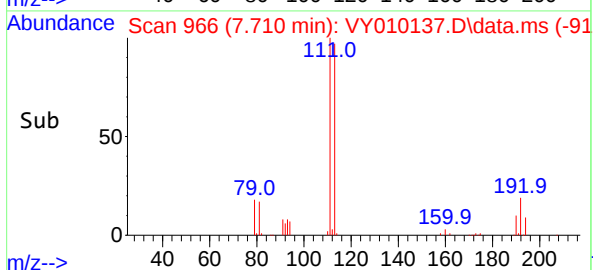
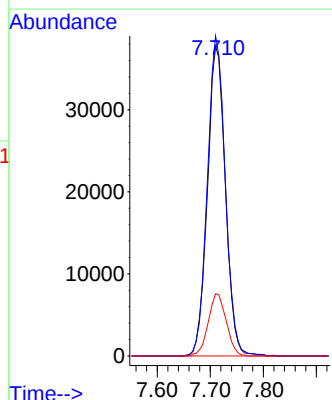
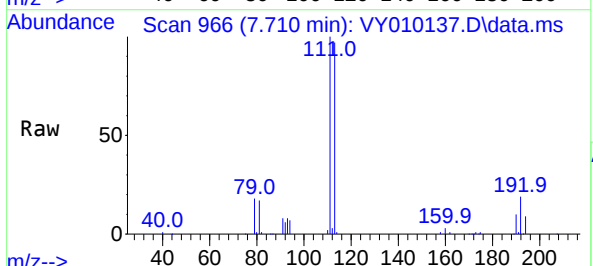
Tgt Ion:113 Resp: 89227

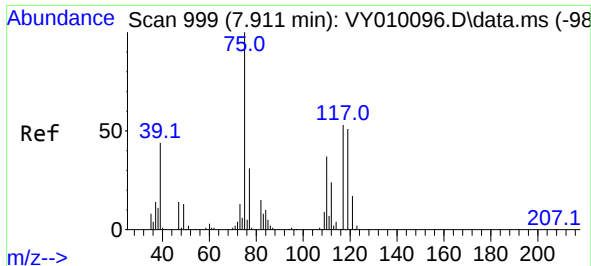
Ion Ratio Lower Upper

113 100

111 102.4 82.8 124.2

192 20.1 16.3 24.5

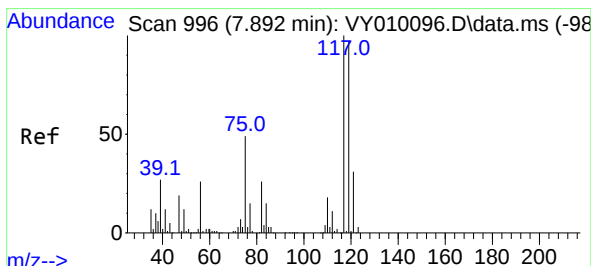
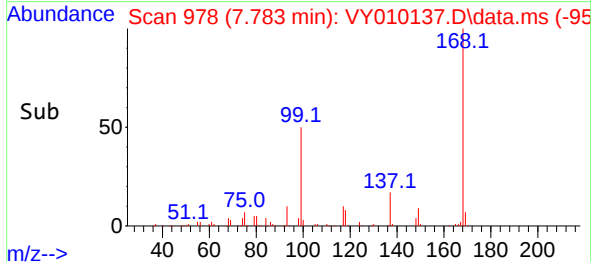
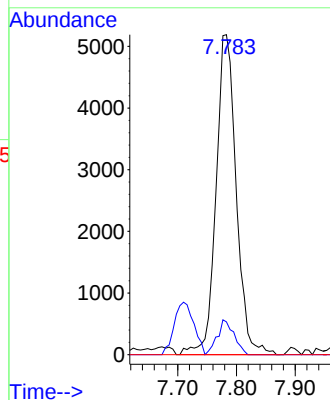
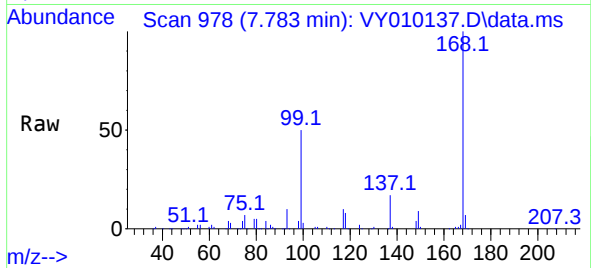




#36
1,1-Dichloropropene
Concen: 4.309 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY010137.D
Acq: 20 Aug 2022 05:33

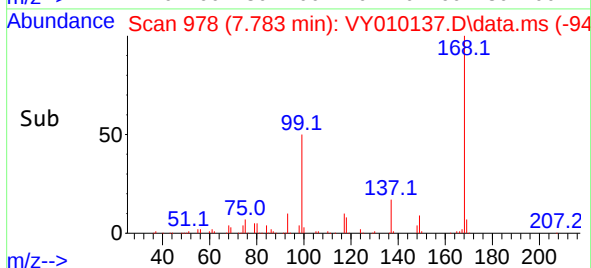
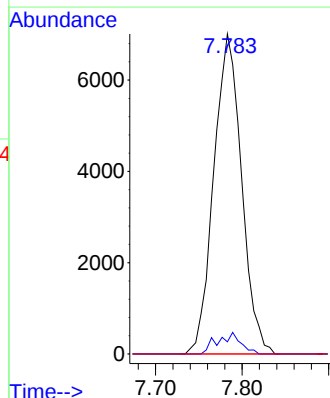
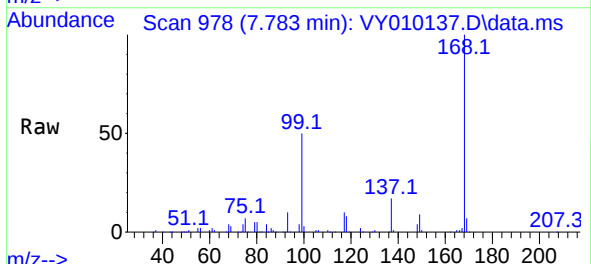
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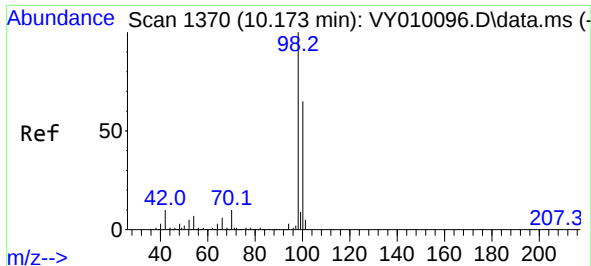
Tgt Ion: 75 Resp: 12403
Ion Ratio Lower Upper
75 100
110 9.0 18.6 56.0#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.175 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.109 min
Lab File: VY010137.D
Acq: 20 Aug 2022 05:33

Tgt Ion: 117 Resp: 15619
Ion Ratio Lower Upper
117 100
119 3.8 77.1 115.7#
121 0.0 24.7 37.1#

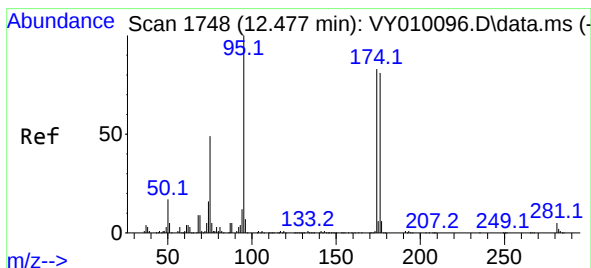
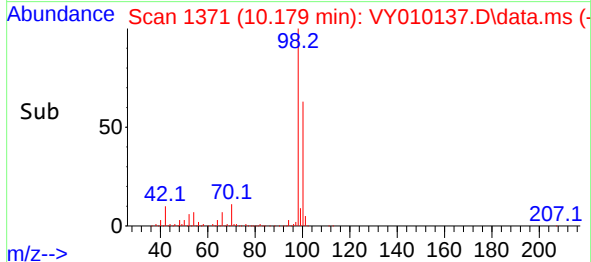
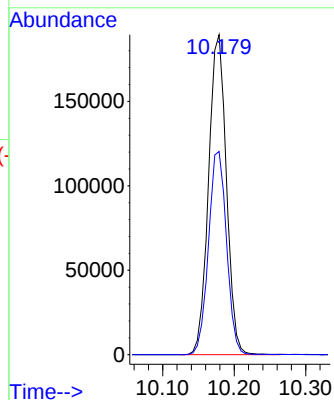
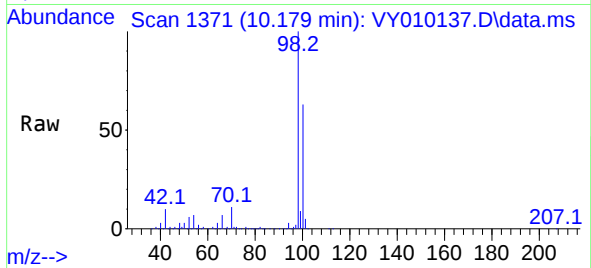




#50
Toluene-d8
Concen: 48.526 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010137.D
Acq: 20 Aug 2022 05:33

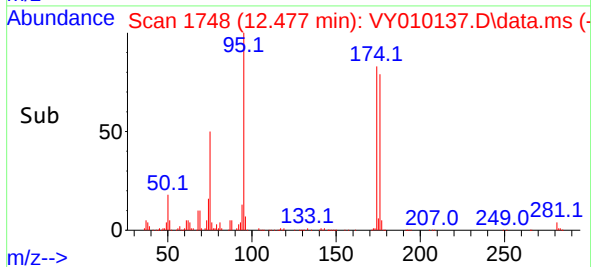
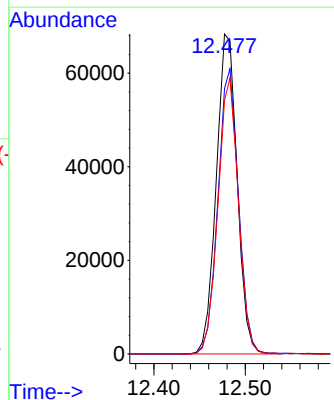
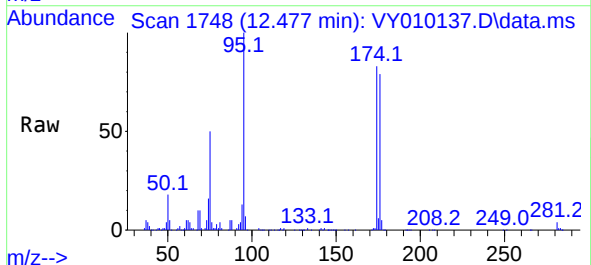
Instrument :
MSVOA_Y
ClientSampleId :
SS-5

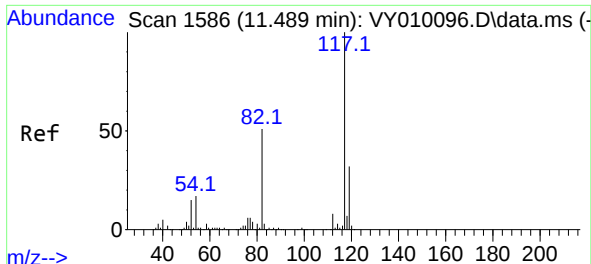
Tgt Ion: 98 Resp: 327864
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.003 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010137.D
Acq: 20 Aug 2022 05:33

Tgt Ion: 95 Resp: 108639
Ion Ratio Lower Upper
95 100
174 87.7 0.0 173.8
176 84.3 0.0 167.2

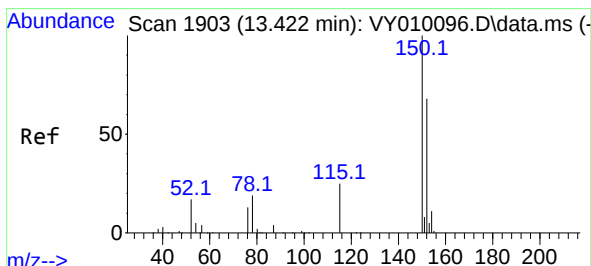
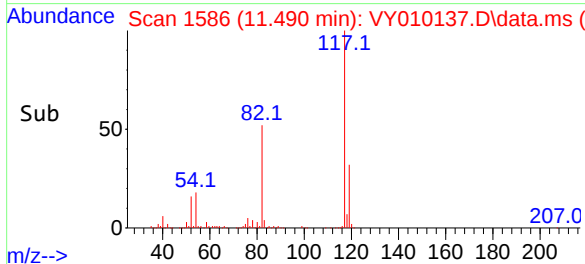
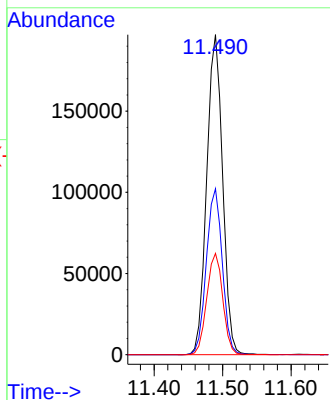
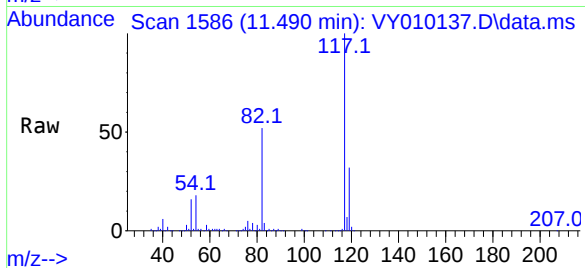




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY010137.D
Acq: 20 Aug 2022 05:33

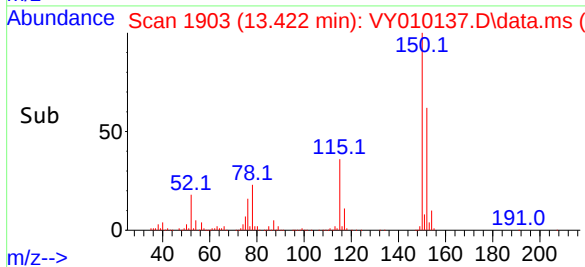
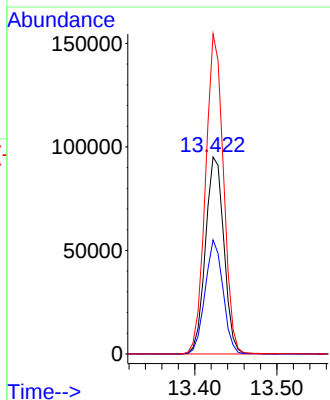
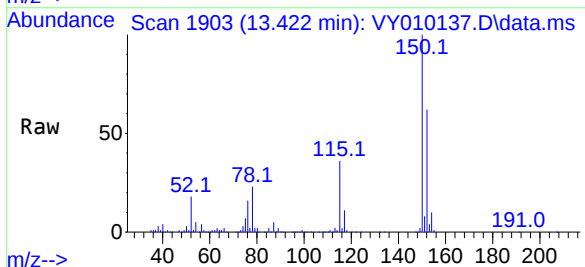
Instrument :
MSVOA_Y
ClientSampleId :
SS-5

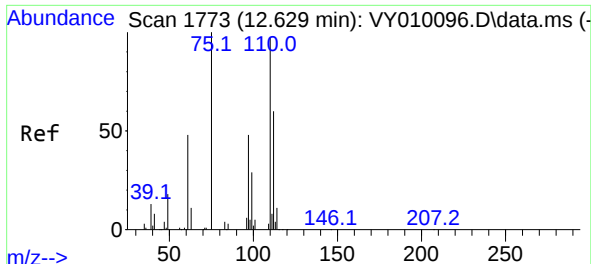
Tgt Ion:117 Resp: 318149
Ion Ratio Lower Upper
117 100
82 51.9 40.6 61.0
119 31.7 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010137.D
Acq: 20 Aug 2022 05:33

Tgt Ion:152 Resp: 148494
Ion Ratio Lower Upper
152 100
115 56.2 28.1 84.2
150 157.6 0.0 346.2

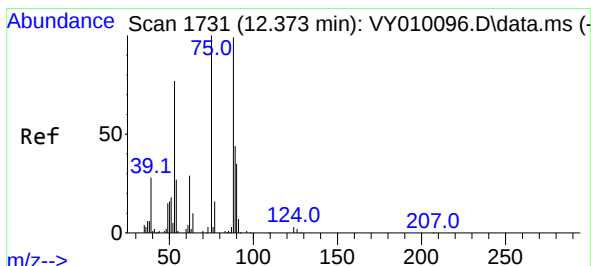
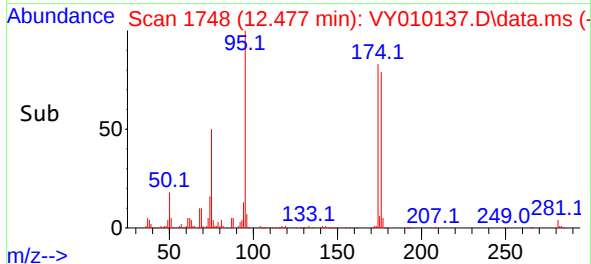
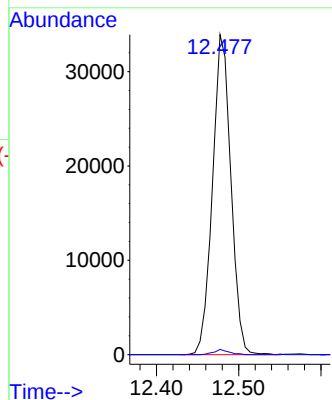
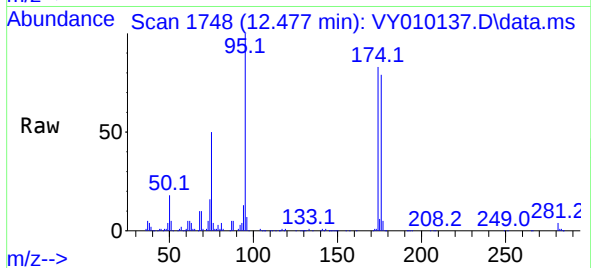




#76
1,2,3-Trichloropropane
Concen: 37.924 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY010137.D
Acq: 20 Aug 2022 05:33

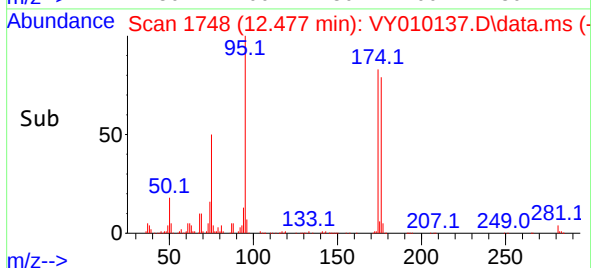
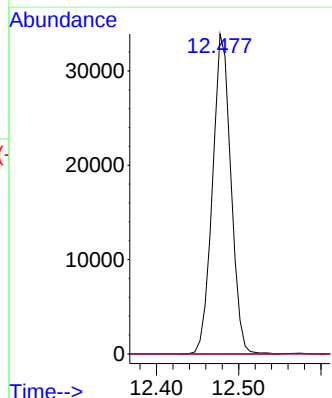
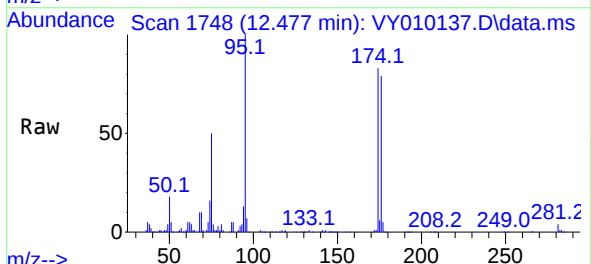
Instrument :
MSVOA_Y
ClientSampleId :
SS-5

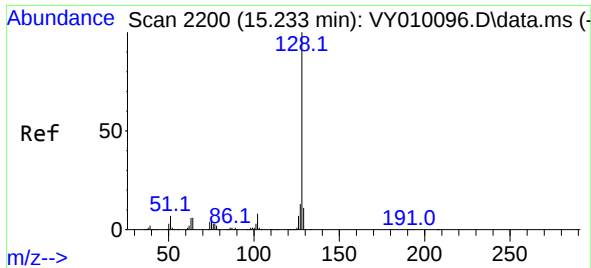
Tgt Ion: 75 Resp: 52741
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.171 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY010137.D
Acq: 20 Aug 2022 05:33

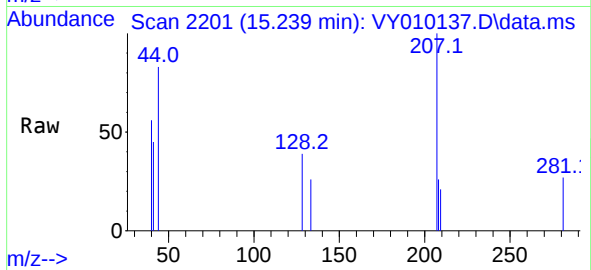
Tgt Ion: 75 Resp: 52741
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.0 36.8 55.2#





#95
Naphthalene
Concen: 3.920 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY010137.D
Acq: 20 Aug 2022 05:33

Instrument :
MSVOA_Y
ClientSampleId :
SS-5



Tgt Ion:128 Resp: 208
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.9 13.3#

