

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081922\
 Data File : VY010120.D
 Acq On : 19 Aug 2022 22:32
 Operator : KP/MD
 Sample : BLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0819SBL02

Quant Time: Aug 22 02:47:47 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	186684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	355495	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	349141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	161994	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	101805	66.578	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.160%
35) Dibromofluoromethane	7.710	113	100770	50.306	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.620%
50) Toluene-d8	10.173	98	371794	49.533	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.060%
62) 4-Bromofluorobenzene	12.477	95	120546	44.949	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.900%

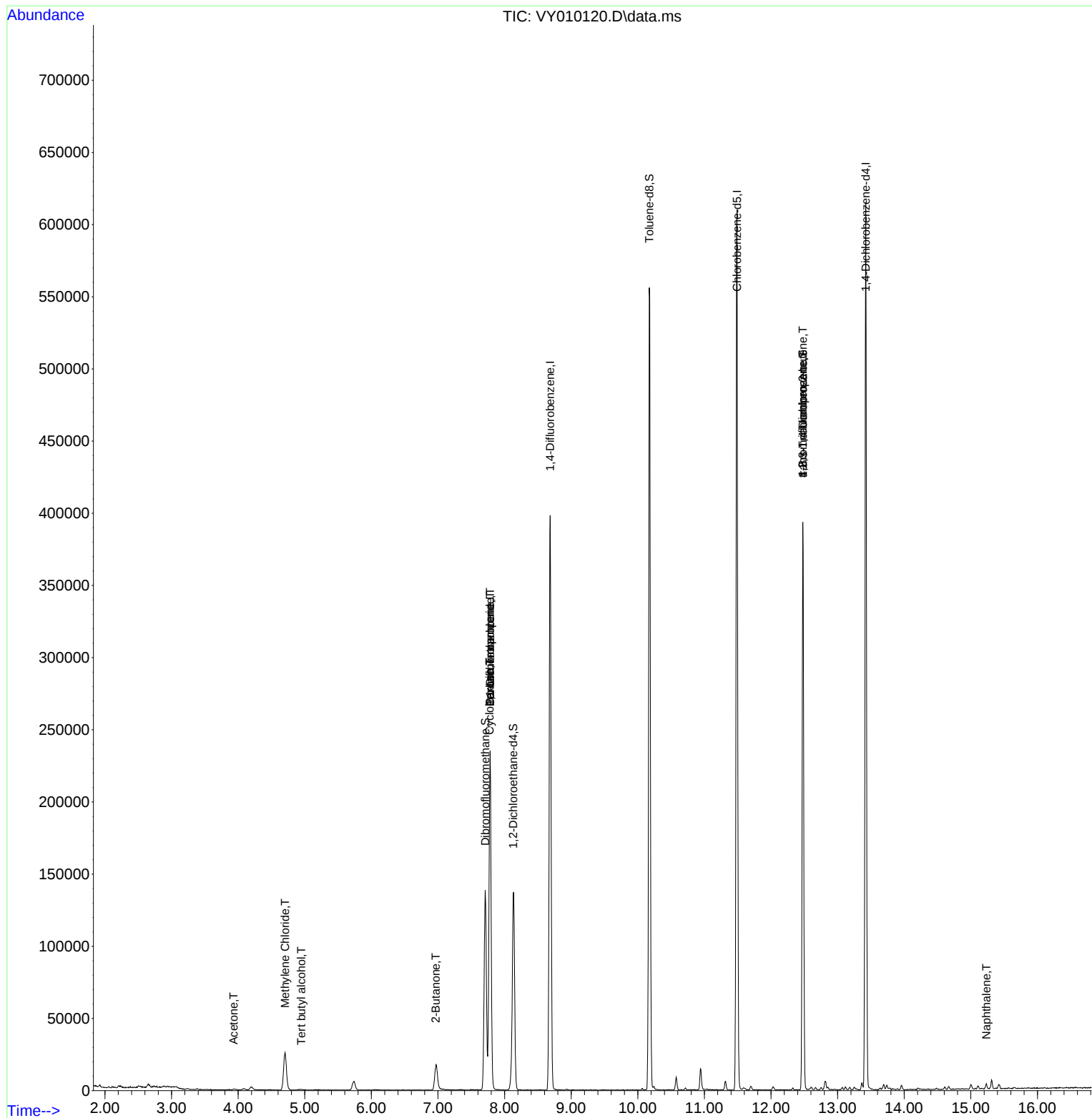
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.948	59	934	16.100	ug/l	# 73
16) Acetone	3.930	43	1144	2.989	ug/l	# 83
20) Methylene Chloride	4.704	84	19992	1.344	ug/l	94
25) 2-Butanone	6.966	43	1155	1.876	ug/l	# 46
31) Cyclohexane	7.777	56	3370	1.076	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	12891	4.032	ug/l	# 49
38) Carbon Tetrachloride	7.783	117	17162	5.118	ug/l	# 15
76) 1,2,3-Trichloropropane	12.477	75	58248	38.394	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	58248	77.114	ug/l	# 18
95) Naphthalene	15.233	128	3247	4.378	ug/l	96

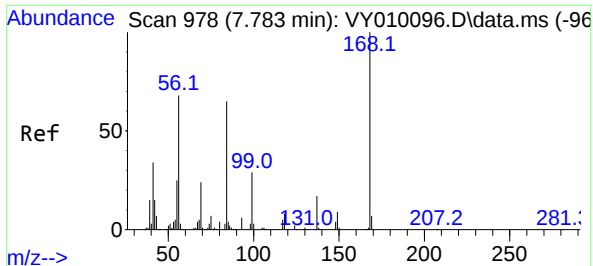
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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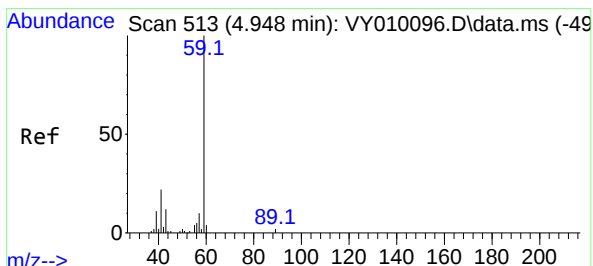
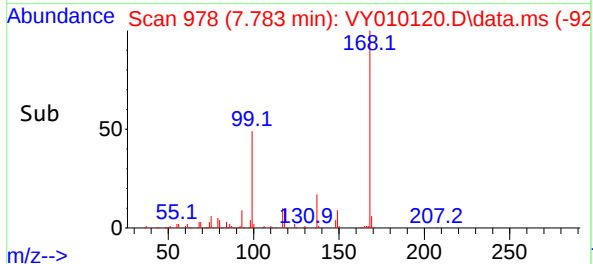
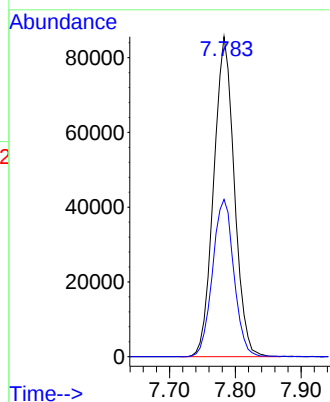
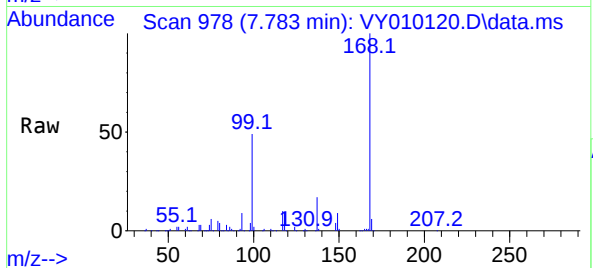




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010120.D
Acq: 19 Aug 2022 22:32

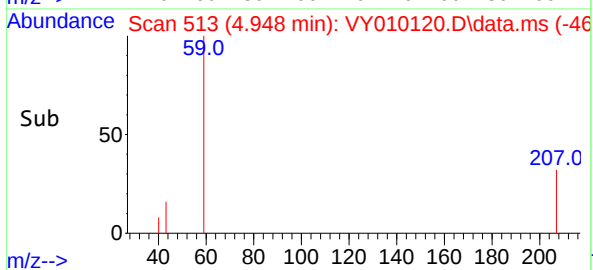
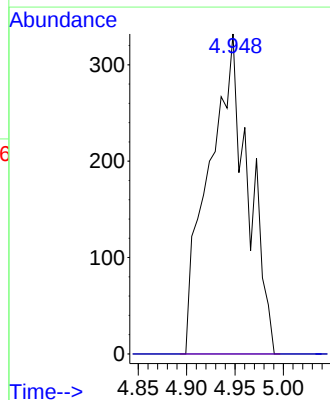
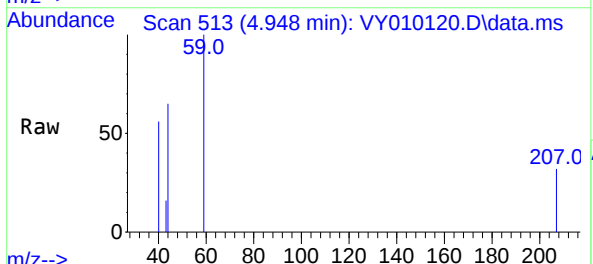
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ClientSampleId :
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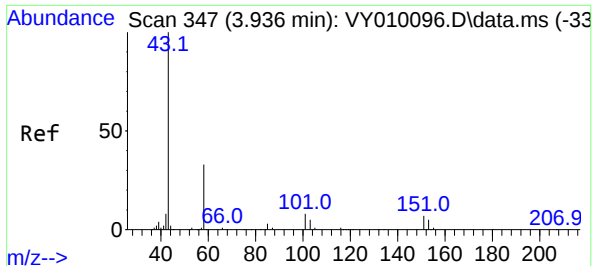
Tgt Ion:168 Resp: 186684
Ion Ratio Lower Upper
168 100
99 49.1 40.7 61.1



#11
Tert butyl alcohol
Concen: 16.100 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY010120.D
Acq: 19 Aug 2022 22:32

Tgt Ion: 59 Resp: 934
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

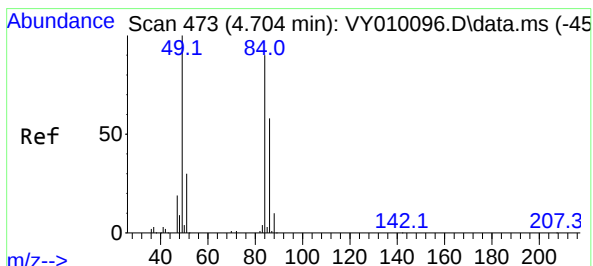
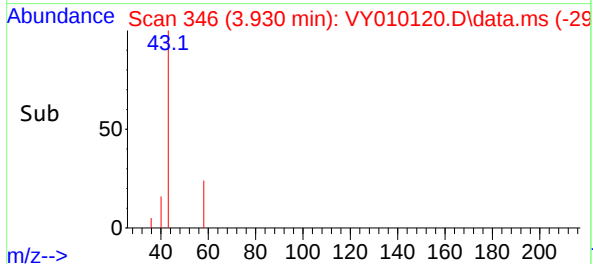
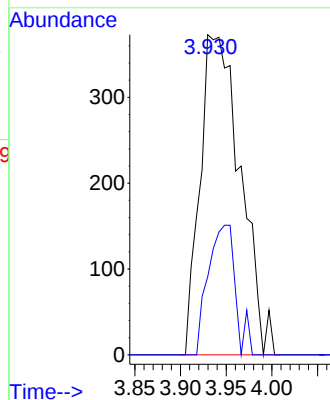
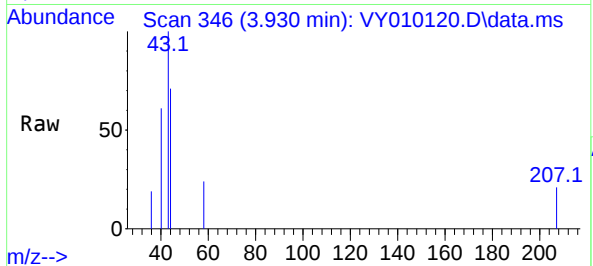




#16
Acetone
Concen: 2.989 ug/l
RT: 3.930 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY010120.D
Acq: 19 Aug 2022 22:32

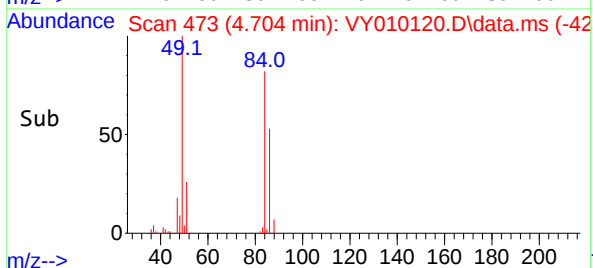
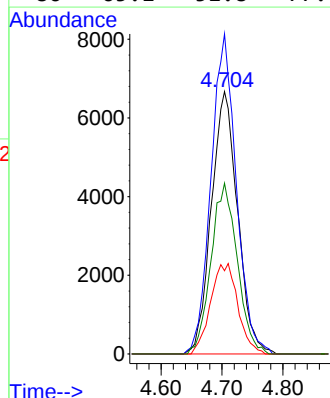
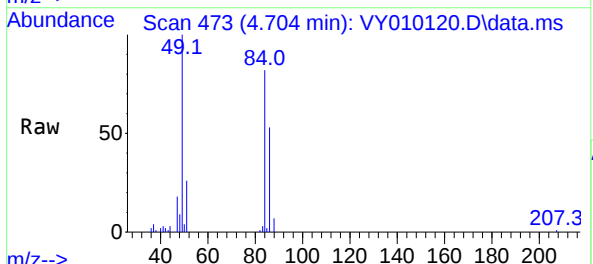
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBL02

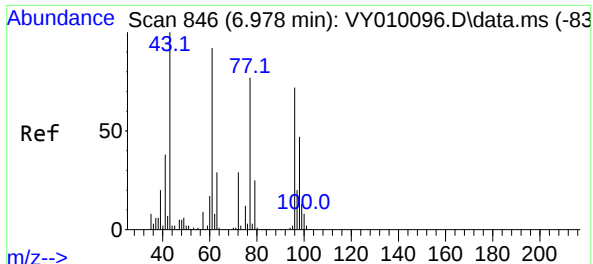
Tgt Ion: 43 Resp: 1144
Ion Ratio Lower Upper
43 100
58 24.4 27.4 41.0#



#20
Methylene Chloride
Concen: 1.344 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY010120.D
Acq: 19 Aug 2022 22:32

Tgt Ion: 84 Resp: 19992
Ion Ratio Lower Upper
84 100
49 122.0 89.0 133.4
51 31.7 27.0 40.6
86 65.1 51.8 77.6

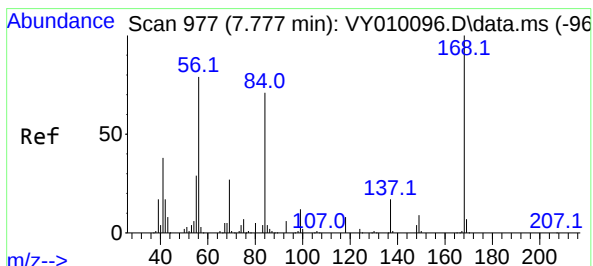
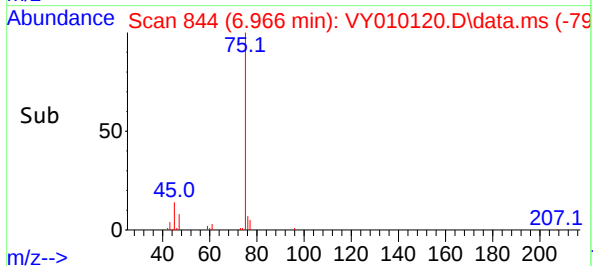
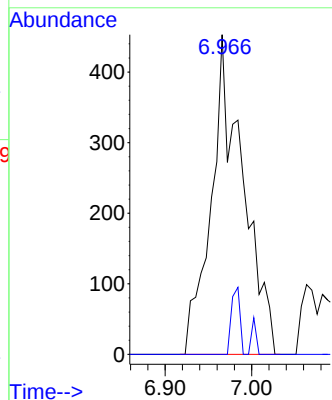
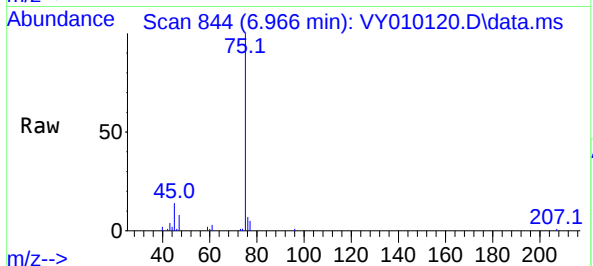




#25
2-Butanone
Concen: 1.876 ug/l
RT: 6.966 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY010120.D
Acq: 19 Aug 2022 22:32

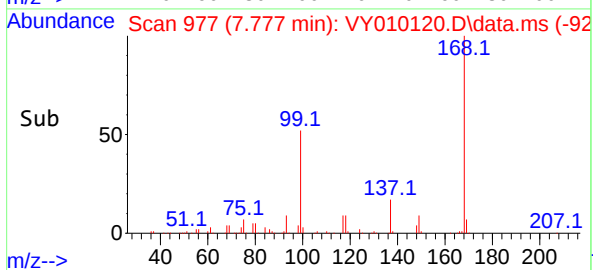
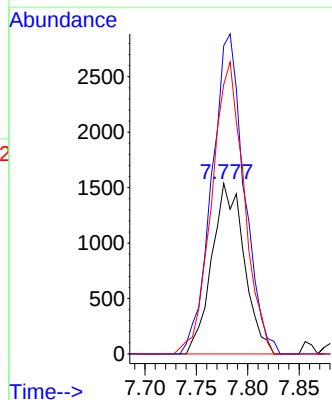
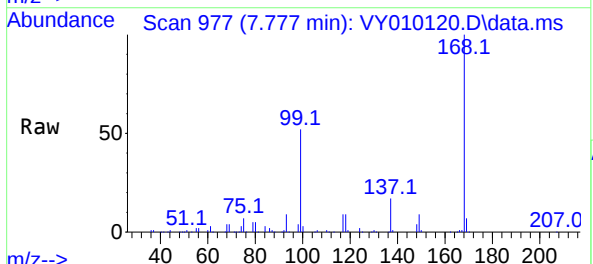
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBL02

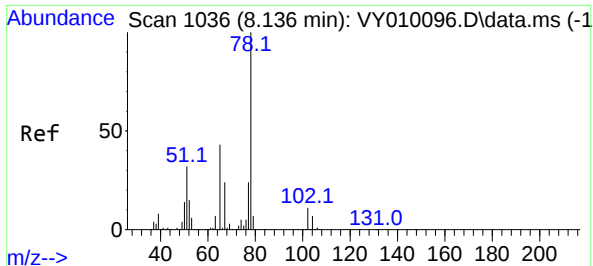
Tgt Ion: 43 Resp: 1155
Ion Ratio Lower Upper
43 100
72 0.0 23.2 34.8#



#31
Cyclohexane
Concen: 1.076 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.000 min
Lab File: VY010120.D
Acq: 19 Aug 2022 22:32

Tgt Ion: 56 Resp: 3370
Ion Ratio Lower Upper
56 100
69 180.8 27.3 40.9#
84 158.0 72.6 109.0#





#33

1,2-Dichloroethane-d4

Concen: 66.578 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY010120.D

Acq: 19 Aug 2022 22:32

Instrument :

MSVOA_Y

ClientSampleId :

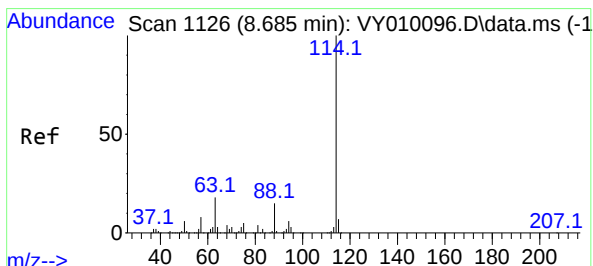
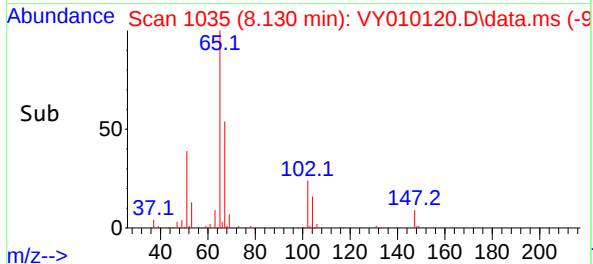
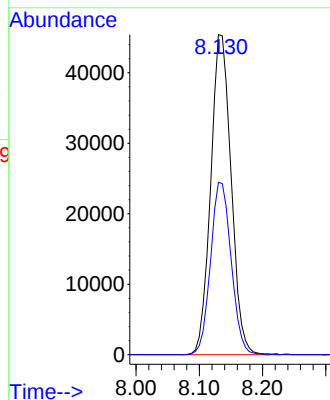
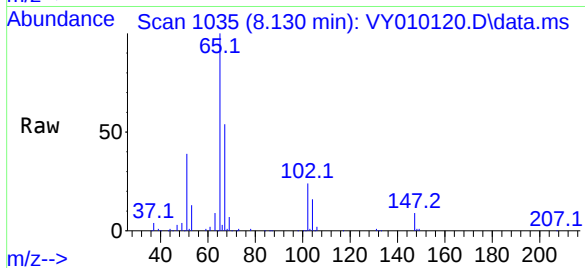
VY0819SBL02

Tgt Ion: 65 Resp: 101805

Ion Ratio Lower Upper

65 100

67 54.2 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: VY010120.D

Acq: 19 Aug 2022 22:32

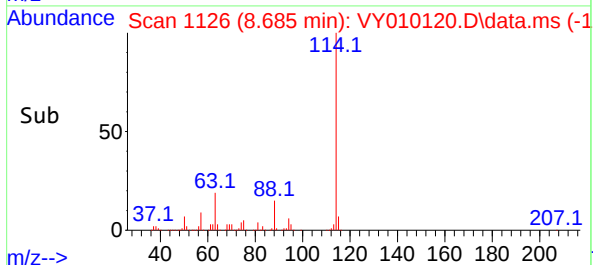
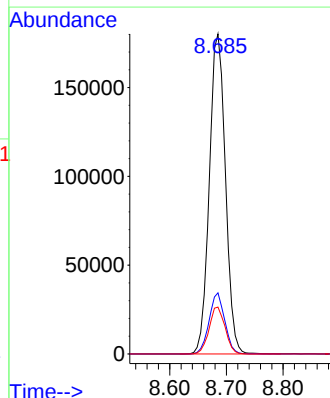
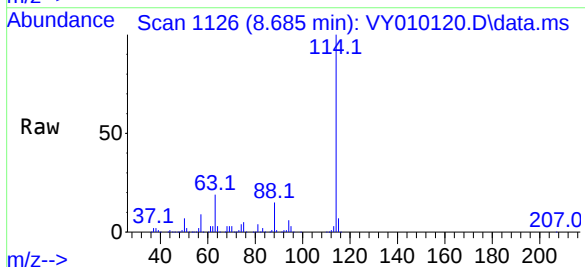
Tgt Ion: 114 Resp: 355495

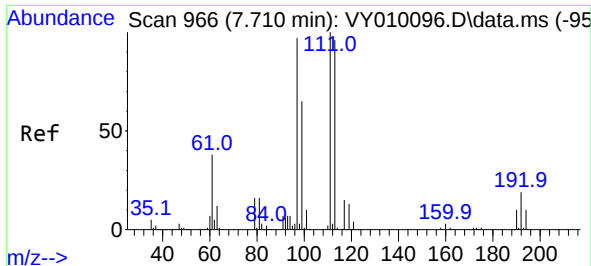
Ion Ratio Lower Upper

114 100

63 19.1 0.0 35.6

88 14.7 0.0 29.6

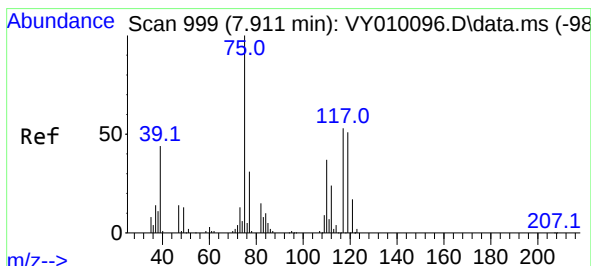
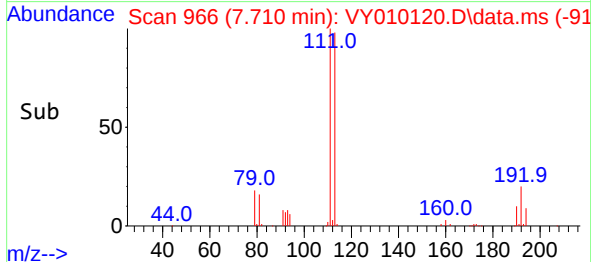
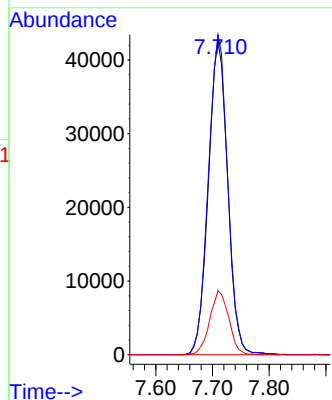
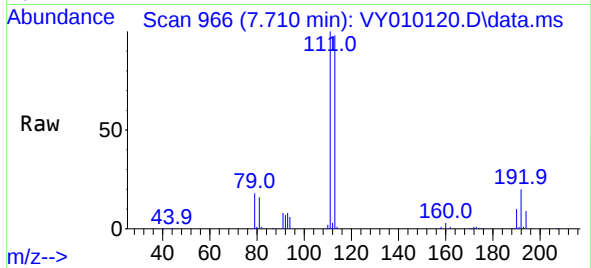




#35
Dibromofluoromethane
Concen: 50.306 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010120.D
Acq: 19 Aug 2022 22:32

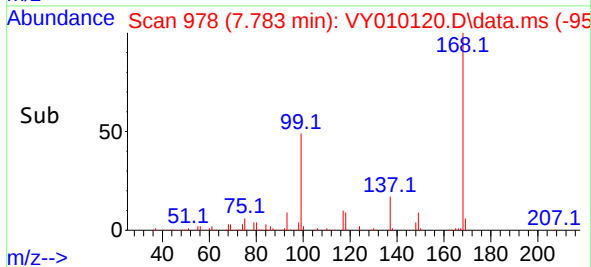
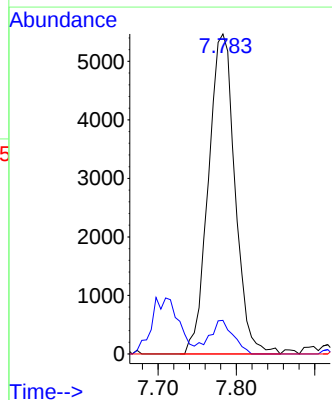
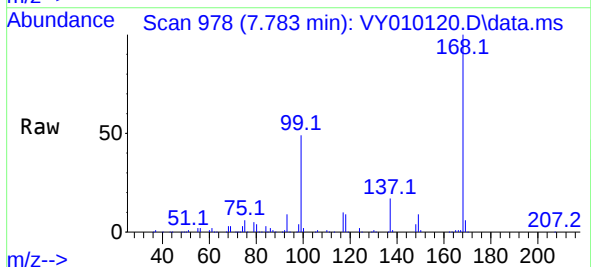
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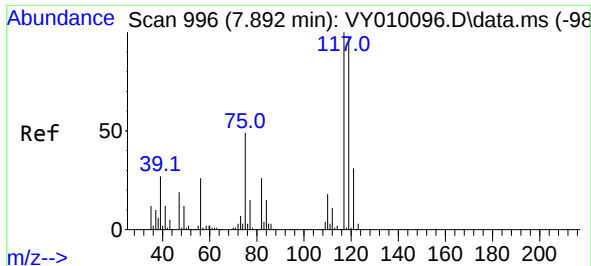
Tgt Ion:113 Resp: 100770
Ion Ratio Lower Upper
113 100
111 102.5 82.8 124.2
192 20.1 16.3 24.5



#36
1,1-Dichloropropene
Concen: 4.032 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY010120.D
Acq: 19 Aug 2022 22:32

Tgt Ion: 75 Resp: 12891
Ion Ratio Lower Upper
75 100
110 9.5 18.6 56.0#
77 0.0 24.9 37.3#

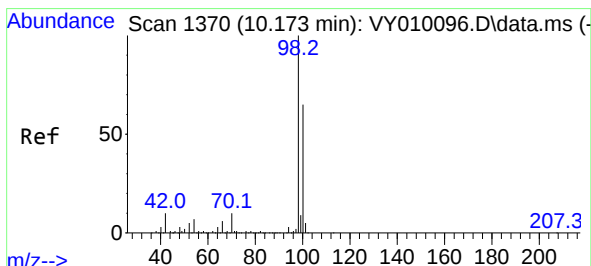
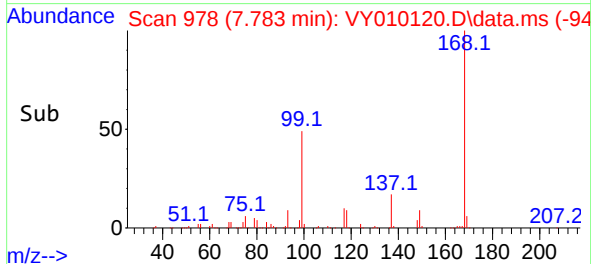
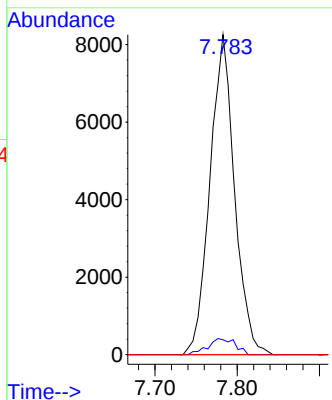
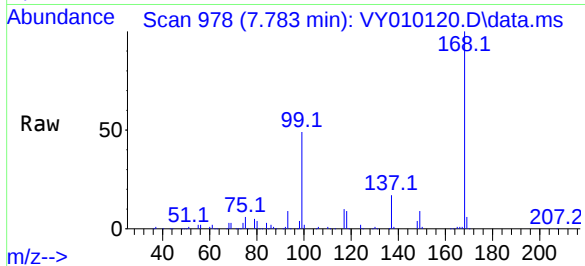




#38
Carbon Tetrachloride
Concen: 5.118 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY010120.D
Acq: 19 Aug 2022 22:32

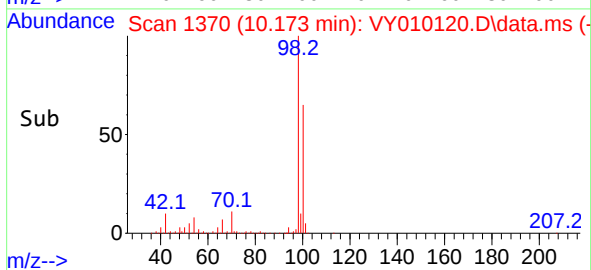
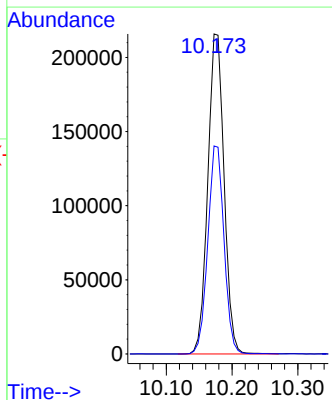
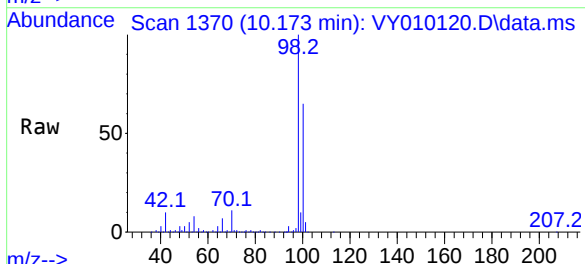
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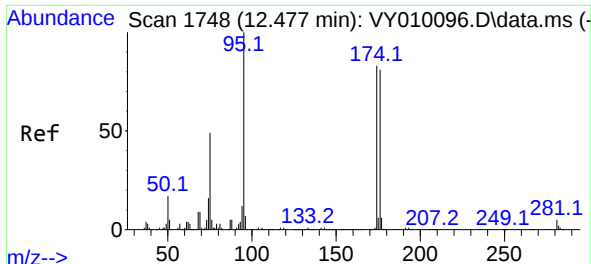
Tgt Ion:117 Resp: 17162
Ion Ratio Lower Upper
117 100
119 4.7 77.1 115.7#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 49.533 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY010120.D
Acq: 19 Aug 2022 22:32

Tgt Ion: 98 Resp: 371794
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9

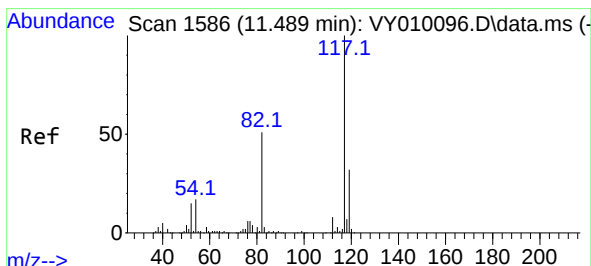
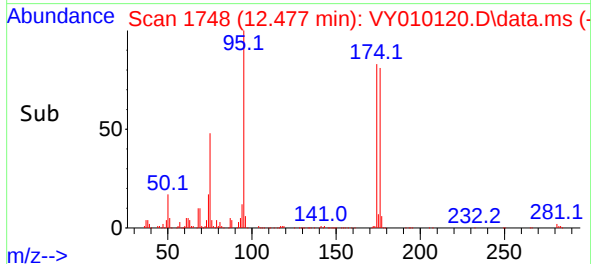
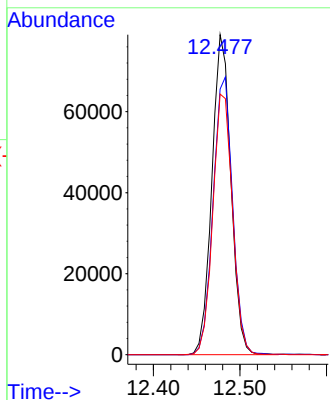
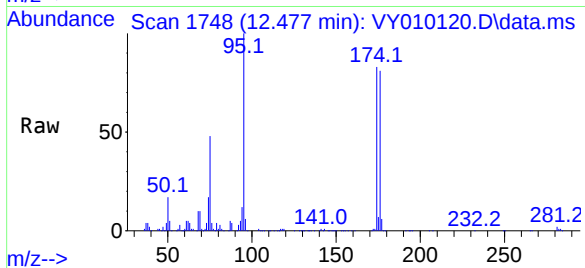




#62
4-Bromofluorobenzene
Concen: 44.949 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010120.D
Acq: 19 Aug 2022 22:32

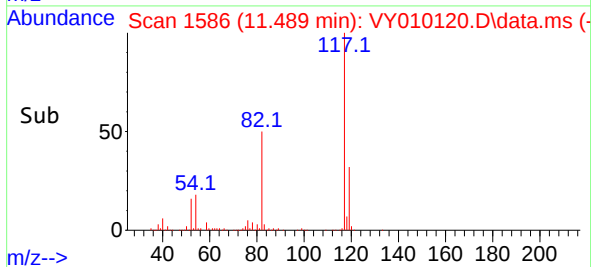
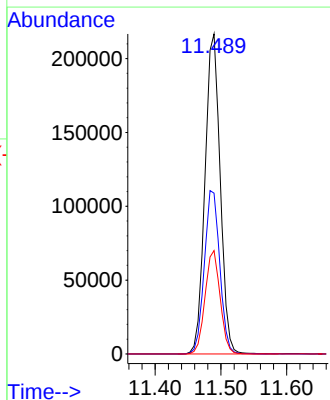
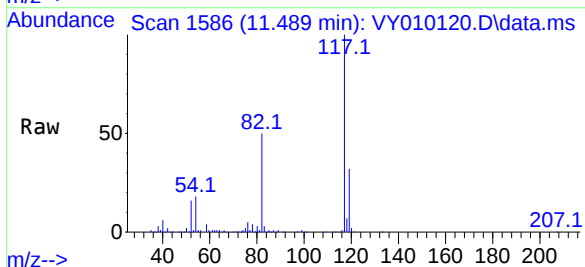
Instrument :
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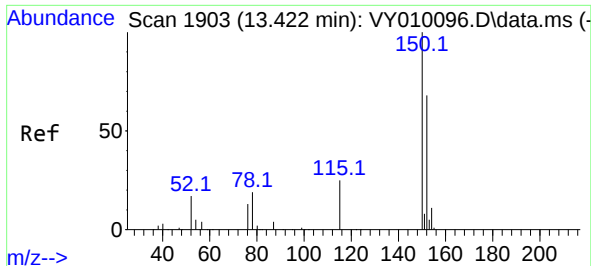
Tgt Ion: 95 Resp: 120546
Ion Ratio Lower Upper
95 100
174 88.8 0.0 173.8
176 84.6 0.0 167.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010120.D
Acq: 19 Aug 2022 22:32

Tgt Ion: 117 Resp: 349141
Ion Ratio Lower Upper
117 100
82 50.3 40.6 61.0
119 32.3 25.8 38.8

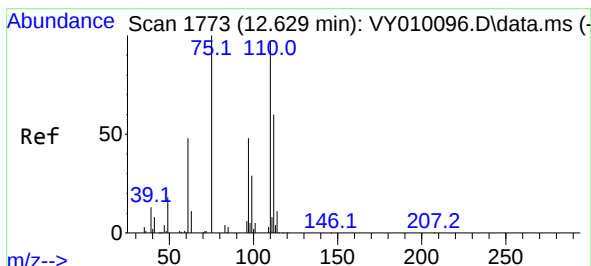
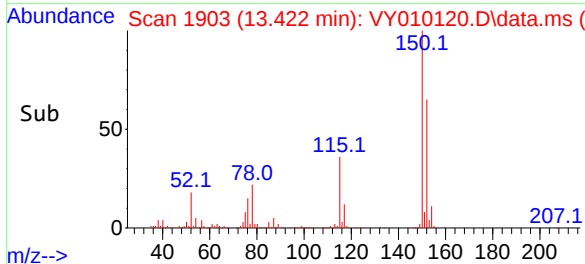
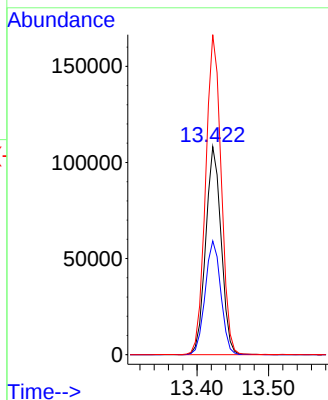
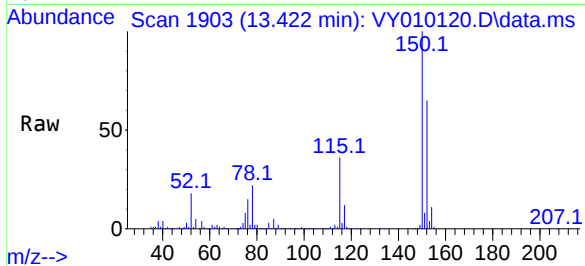




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010120.D
Acq: 19 Aug 2022 22:32

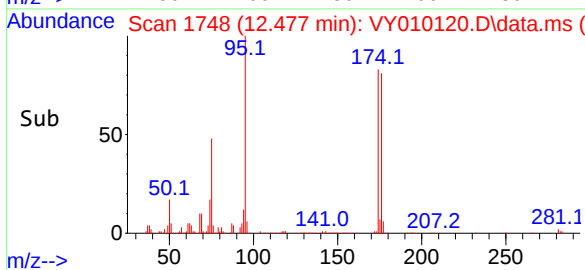
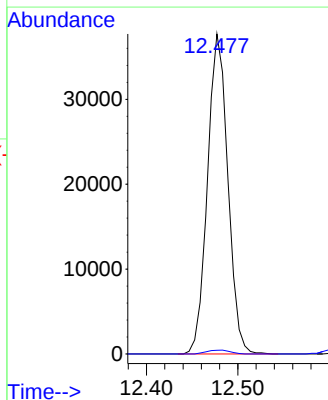
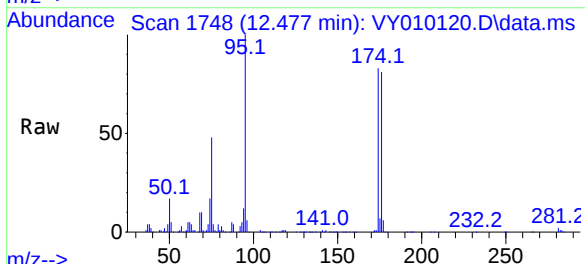
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBL02

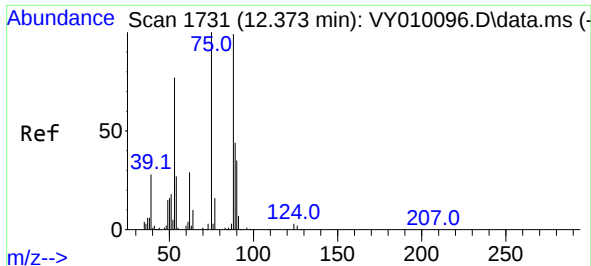
Tgt Ion:152 Resp: 161994
Ion Ratio Lower Upper
152 100
115 55.5 28.1 84.2
150 155.2 0.0 346.2



#76
1,2,3-Trichloropropane
Concen: 38.394 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY010120.D
Acq: 19 Aug 2022 22:32

Tgt Ion: 75 Resp: 58248
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

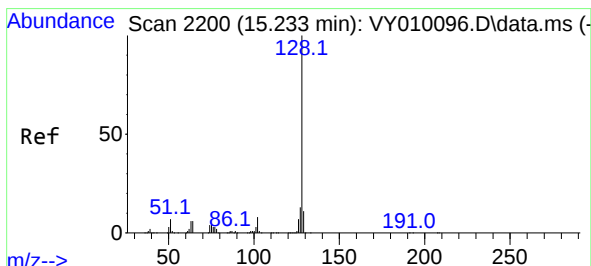
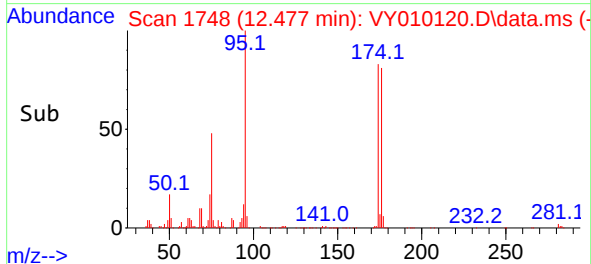
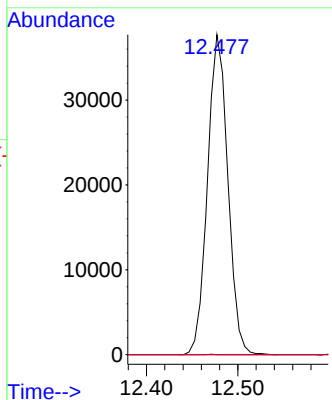
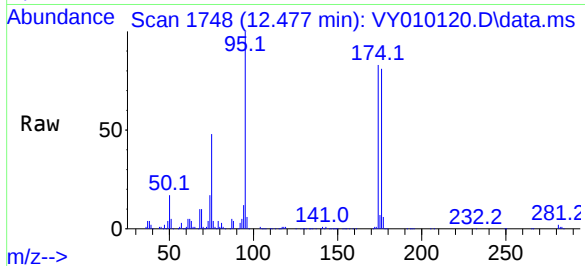




#81
trans-1,4-Dichloro-2-butene
Concen: 77.114 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY010120.D
Acq: 19 Aug 2022 22:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBL02

Tgt Ion: 75 Resp: 58248
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.0 36.8 55.2#



#95
Naphthalene
Concen: 4.378 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY010120.D
Acq: 19 Aug 2022 22:32

Tgt Ion:128 Resp: 3247
Ion Ratio Lower Upper
128 100
127 11.0 10.2 15.2
129 9.4 8.9 13.3

