

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081922\
 Data File : VY010139.D
 Acq On : 20 Aug 2022 06:20
 Operator : KP/MD
 Sample : N4205-07
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-7

Quant Time: Aug 22 02:55:06 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)

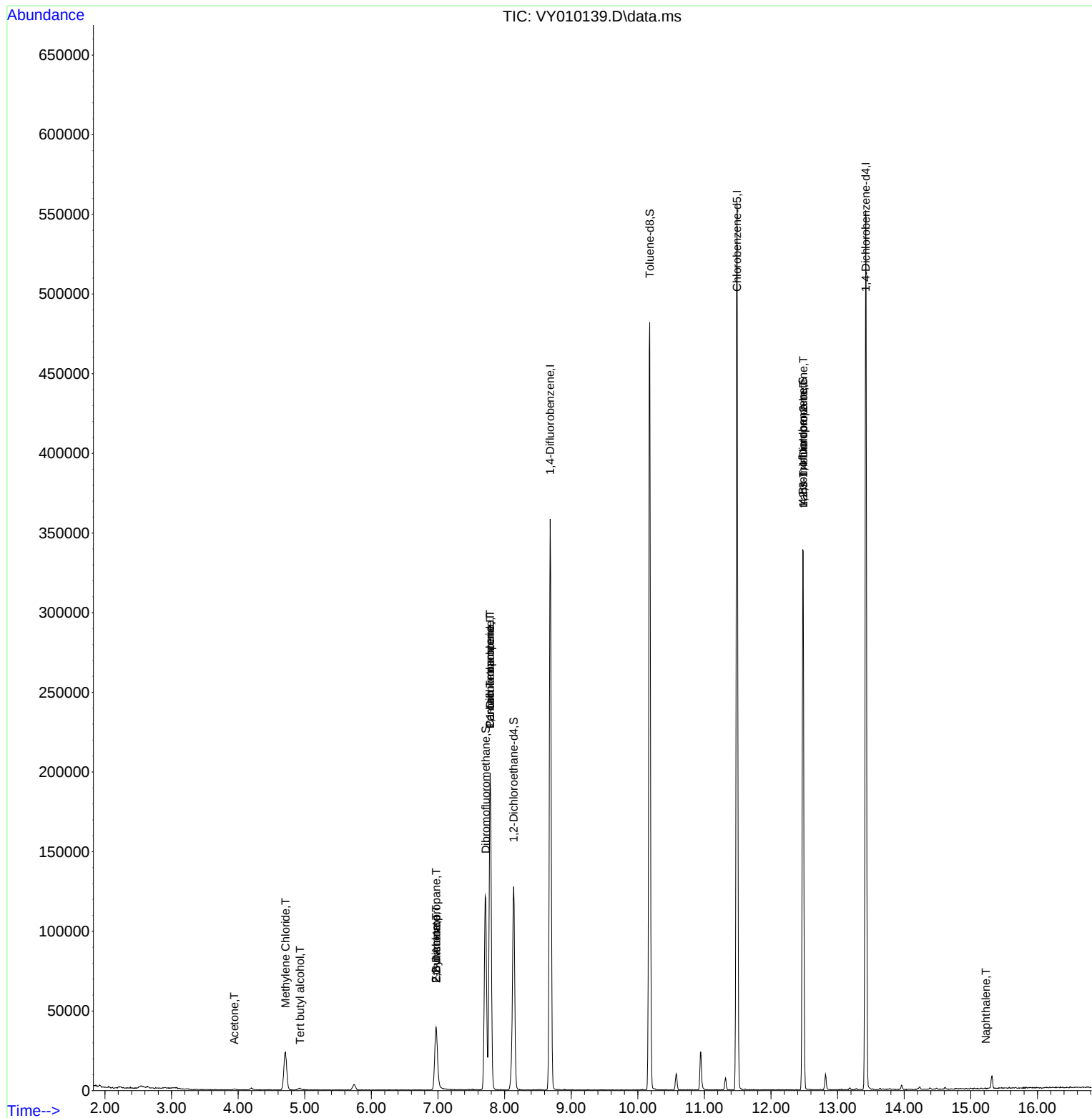
Internal Standards						
1) Pentafluorobenzene	7.783	168	163749	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	314988	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	316262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	145958	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	90920	67.787	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.580%
35) Dibromofluoromethane	7.716	113	88516	49.871	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.740%
50) Toluene-d8	10.179	98	326499	49.093	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.180%
62) 4-Bromofluorobenzene	12.477	95	107590	45.277	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.560%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	250	12.177	ug/l #	73
16) Acetone	3.942	43	1069	3.184	ug/l #	71
20) Methylene Chloride	4.710	84	18213	1.766	ug/l	99
25) 2-Butanone	6.972	43	1878	3.478	ug/l #	61
26) 2,2-Dichloropropane	6.972	77	2879	1.138	ug/l #	50
36) 1,1-Dichloropropene	7.783	75	11975	4.227	ug/l #	48
37) Ethyl Acetate	6.972	43	1878	1.306	ug/l #	1
38) Carbon Tetrachloride	7.783	117	15288	5.145	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	52624	38.498	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	52624	77.323	ug/l #	18
95) Naphthalene	15.227	128	140	3.909	ug/l #	69

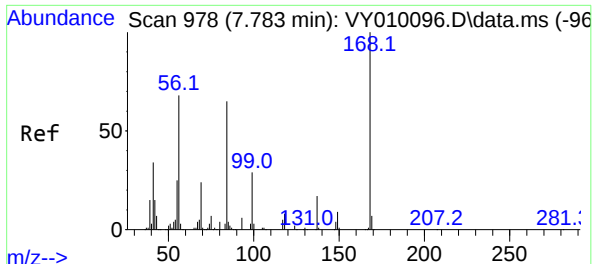
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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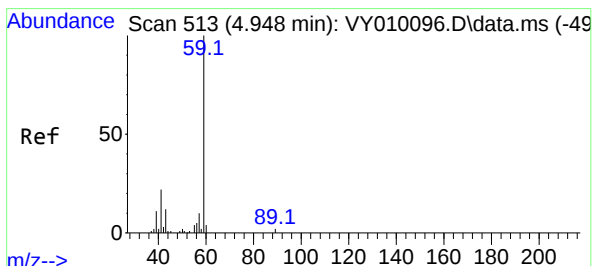
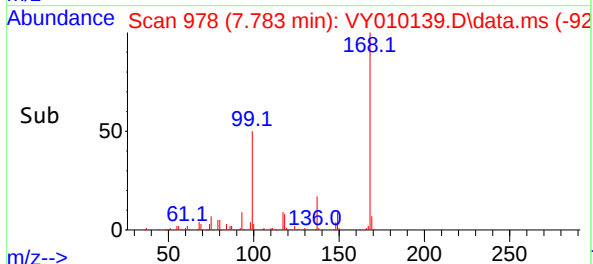
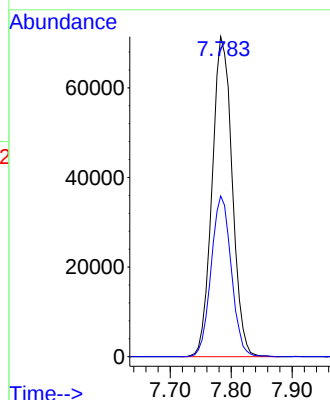
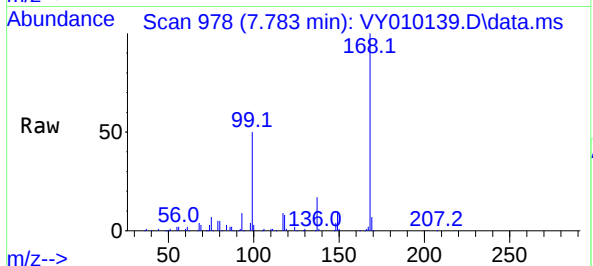




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010139.D
Acq: 20 Aug 2022 06:20

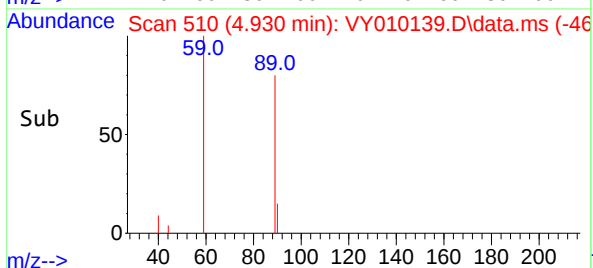
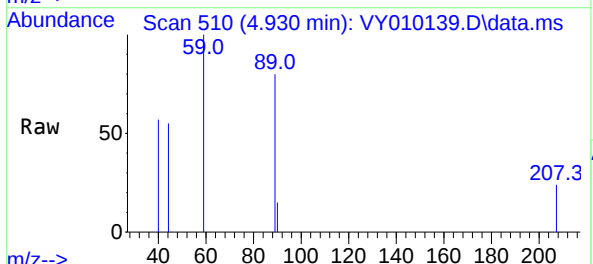
Instrument :
MSVOA_Y
ClientSampleId :
SS-7

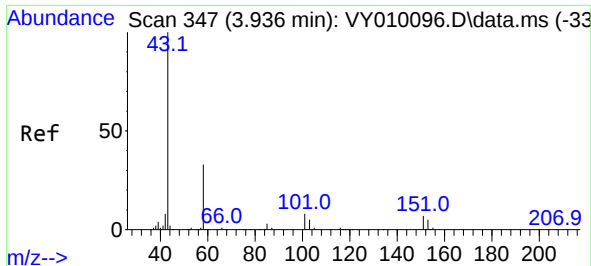
Tgt Ion:168 Resp: 163749
Ion Ratio Lower Upper
168 100
99 50.2 40.7 61.1



#11
Tert butyl alcohol
Concen: 12.177 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY010139.D
Acq: 20 Aug 2022 06:20

Tgt Ion: 59 Resp: 250
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

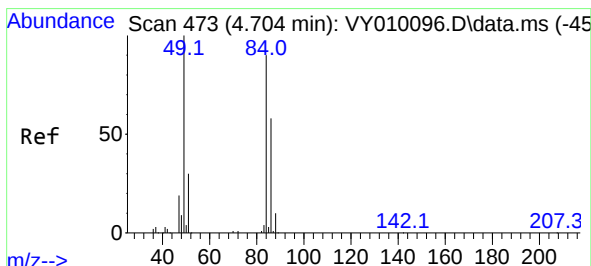
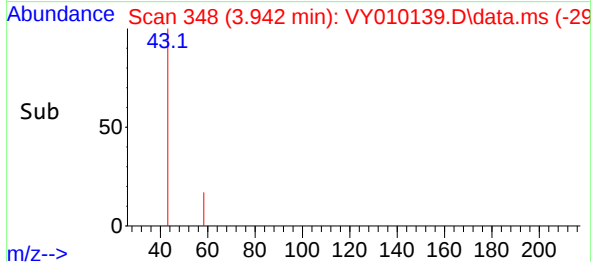
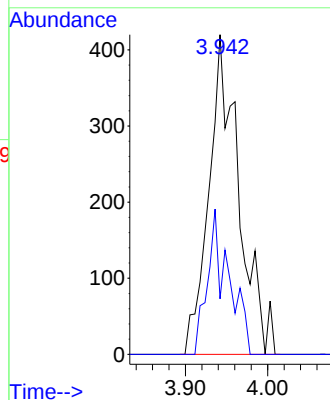
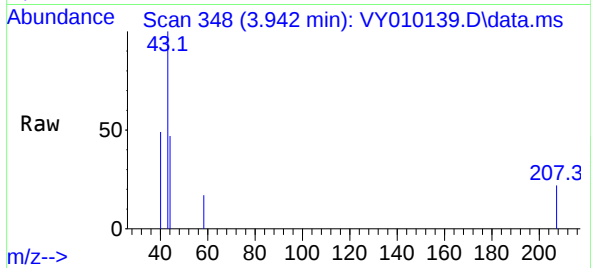




#16
Acetone
Concen: 3.184 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY010139.D
Acq: 20 Aug 2022 06:20

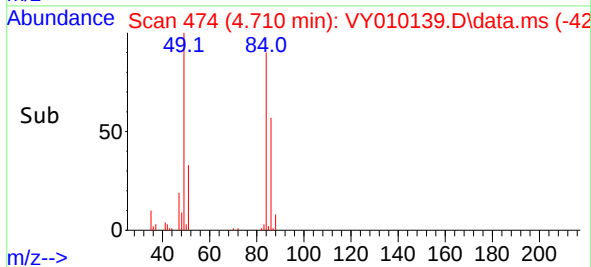
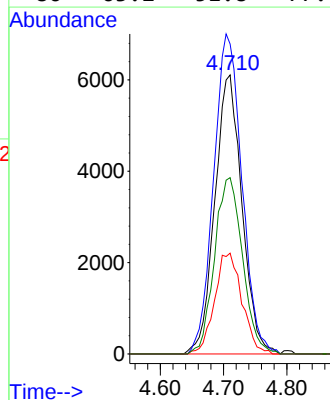
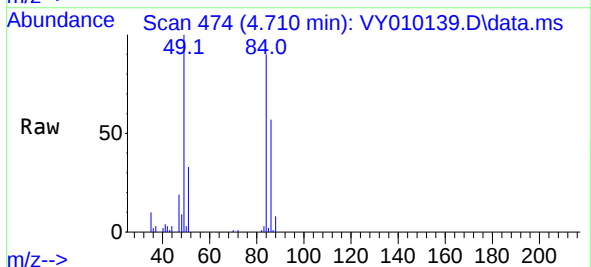
Instrument :
MSVOA_Y
ClientSampleId :
SS-7

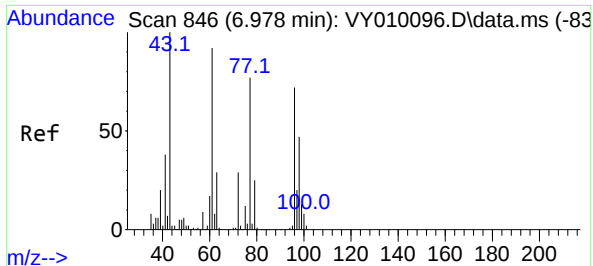
Tgt Ion: 43 Resp: 1069
Ion Ratio Lower Upper
43 100
58 17.4 27.4 41.0#



#20
Methylene Chloride
Concen: 1.766 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY010139.D
Acq: 20 Aug 2022 06:20

Tgt Ion: 84 Resp: 18213
Ion Ratio Lower Upper
84 100
49 111.0 89.0 133.4
51 36.1 27.0 40.6
86 63.2 51.8 77.6





#25

2-Butanone

Concen: 3.478 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY010139.D

Acq: 20 Aug 2022 06:20

Instrument :

MSVOA_Y

ClientSampleId :

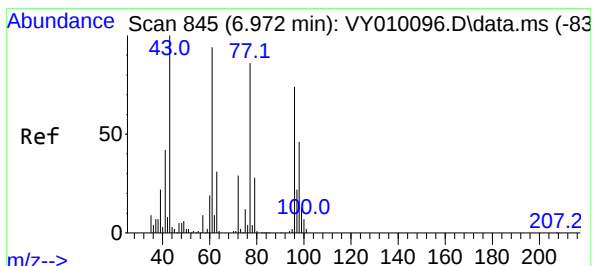
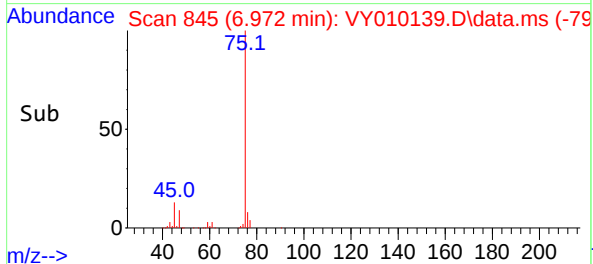
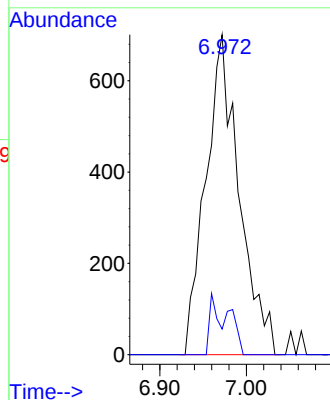
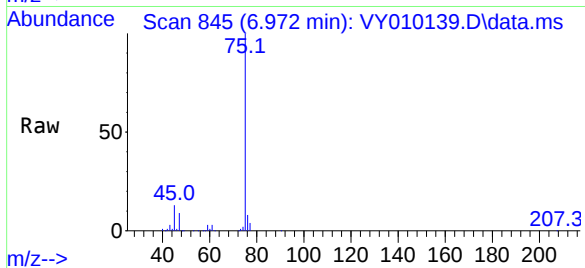
SS-7

Tgt Ion: 43 Resp: 1878

Ion Ratio Lower Upper

43 100

72 8.0 23.2 34.8#



#26

2,2-Dichloropropane

Concen: 1.138 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY010139.D

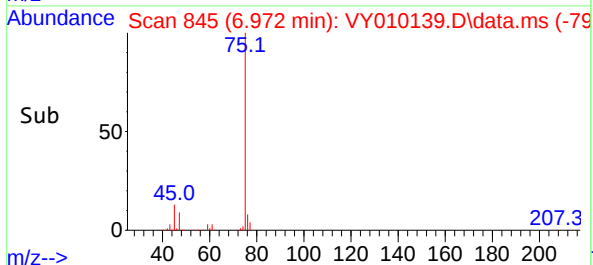
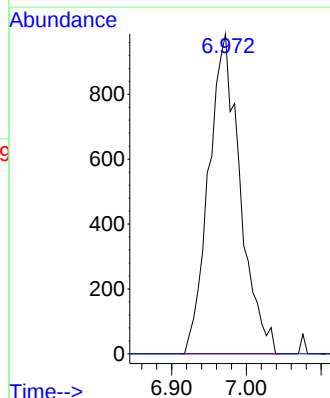
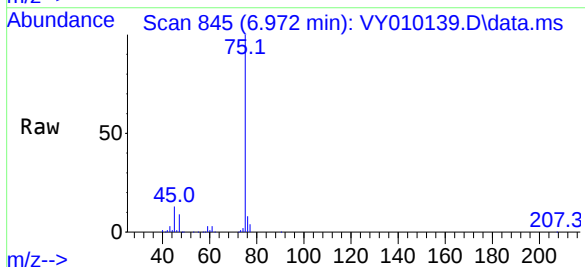
Acq: 20 Aug 2022 06:20

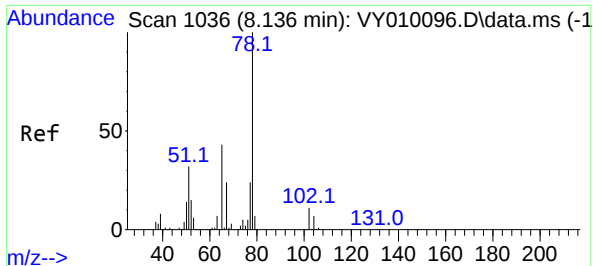
Tgt Ion: 77 Resp: 2879

Ion Ratio Lower Upper

77 100

97 0.0 12.4 37.4#





#33

1,2-Dichloroethane-d4

Concen: 67.787 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010139.D

Acq: 20 Aug 2022 06:20

Instrument :

MSVOA_Y

ClientSampleId :

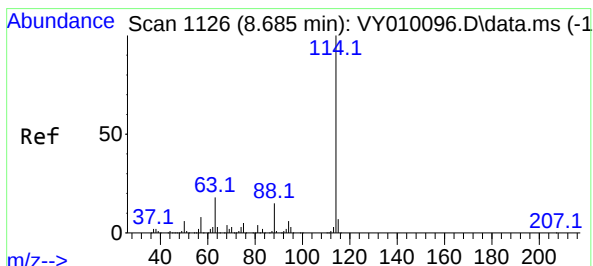
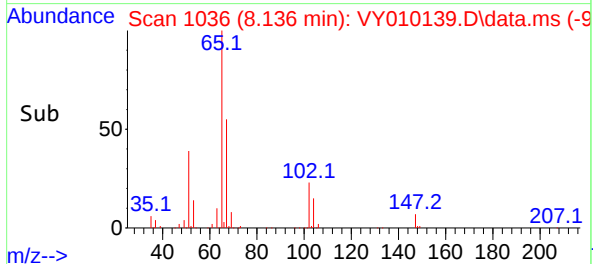
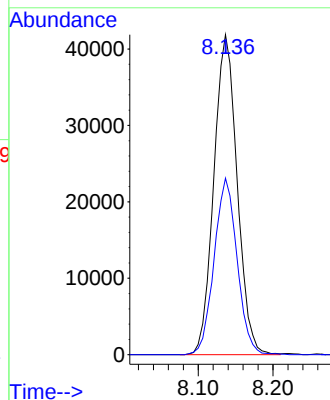
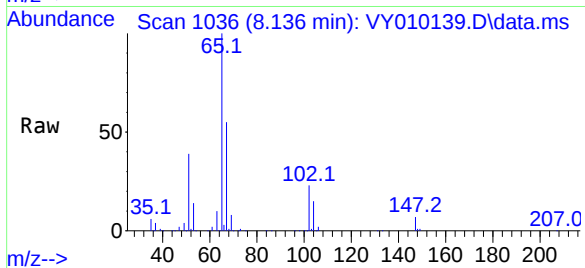
SS-7

Tgt Ion: 65 Resp: 90920

Ion Ratio Lower Upper

65 100

67 54.4 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: VY010139.D

Acq: 20 Aug 2022 06:20

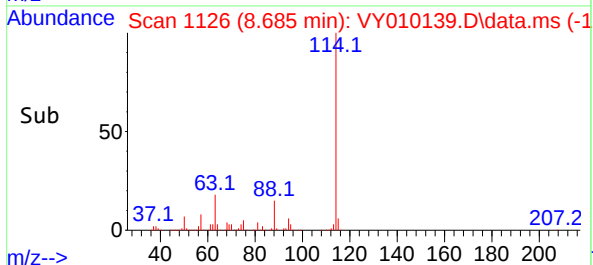
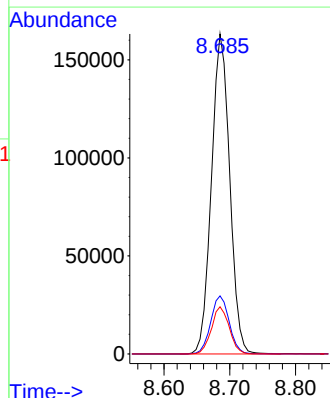
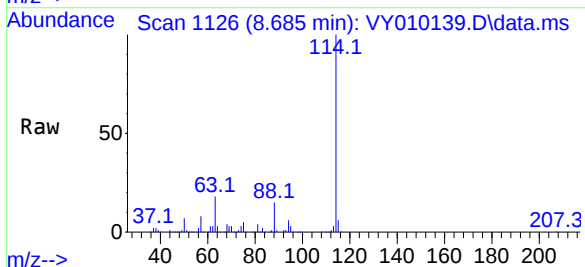
Tgt Ion: 114 Resp: 314988

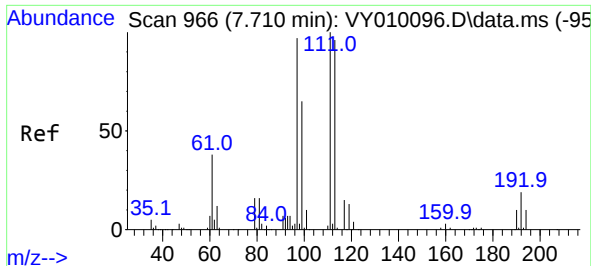
Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.6

88 14.8 0.0 29.6





#35

Dibromofluoromethane

Concen: 49.871 ug/l

RT: 7.716 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY010139.D

Acq: 20 Aug 2022 06:20

Instrument :

MSVOA_Y

ClientSampleId :

SS-7

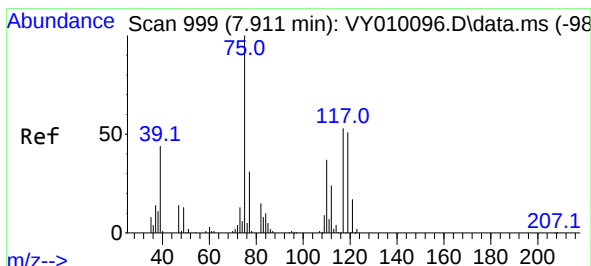
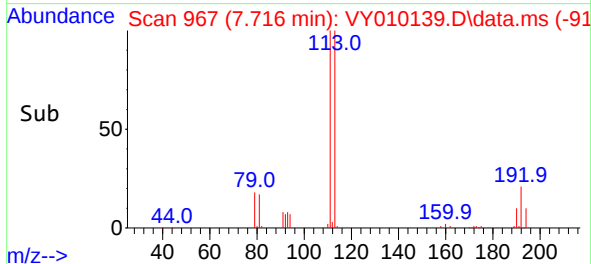
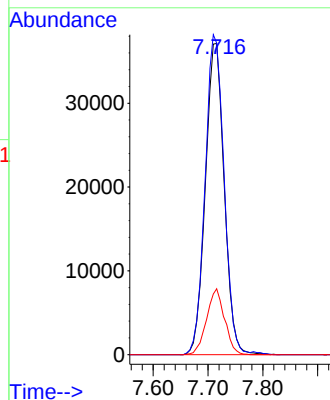
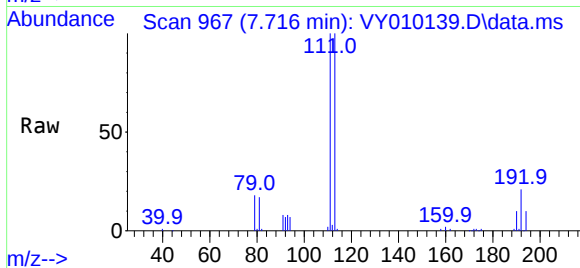
Tgt Ion:113 Resp: 88516

Ion Ratio Lower Upper

113 100

111 103.2 82.8 124.2

192 20.2 16.3 24.5



#36

1,1-Dichloropropene

Concen: 4.227 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.128 min

Lab File: VY010139.D

Acq: 20 Aug 2022 06:20

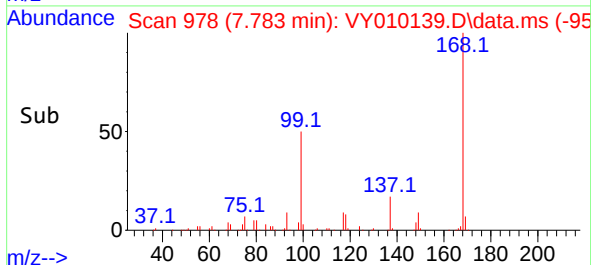
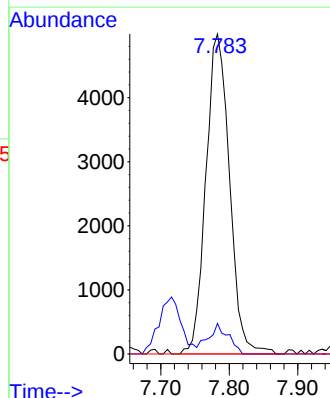
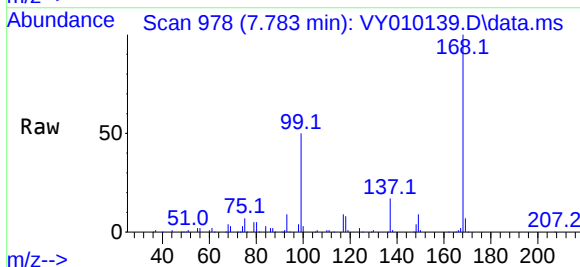
Tgt Ion: 75 Resp: 11975

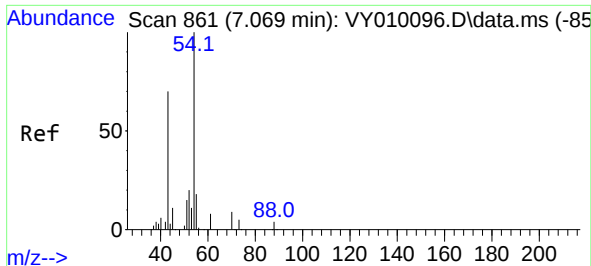
Ion Ratio Lower Upper

75 100

110 8.0 18.6 56.0#

77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 1.306 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.097 min

Lab File: VY010139.D

Acq: 20 Aug 2022 06:20

Instrument :

MSVOA_Y

ClientSampleId :

SS-7

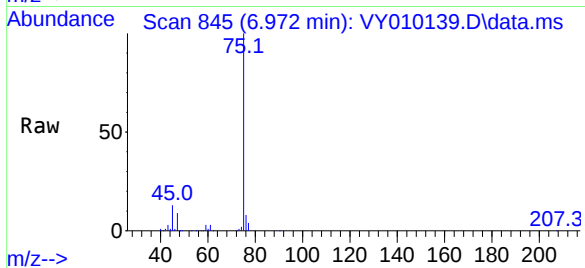
Tgt Ion: 43 Resp: 1878

Ion Ratio Lower Upper

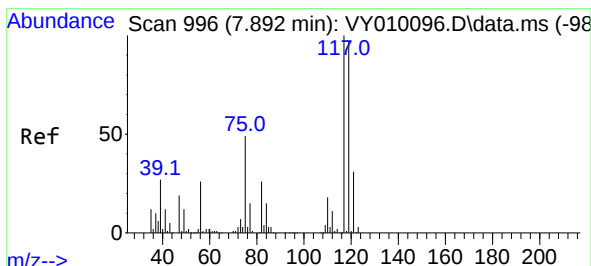
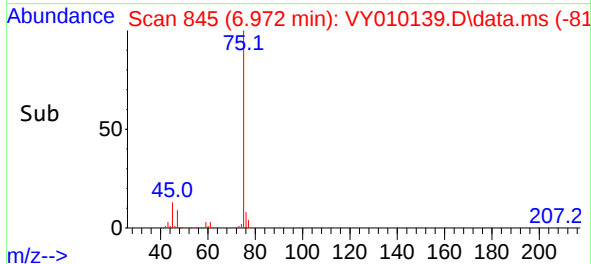
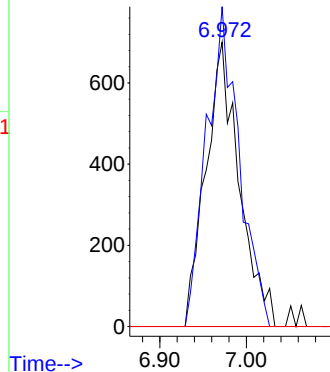
43 100

61 109.4 11.7 17.5#

70 0.0 9.0 13.4#



Abundance



#38

Carbon Tetrachloride

Concen: 5.145 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.109 min

Lab File: VY010139.D

Acq: 20 Aug 2022 06:20

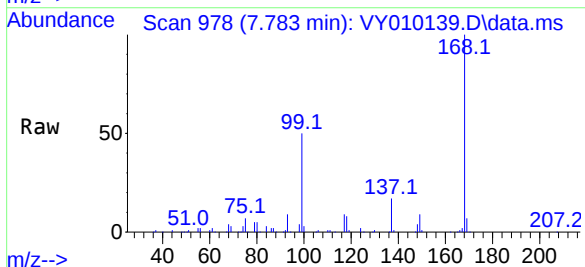
Tgt Ion: 117 Resp: 15288

Ion Ratio Lower Upper

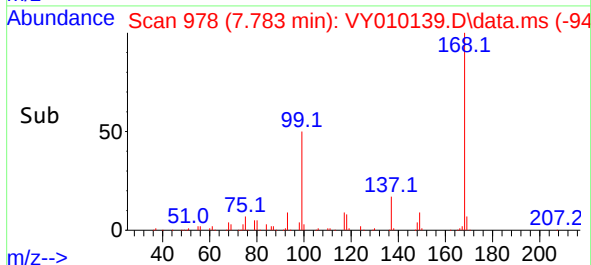
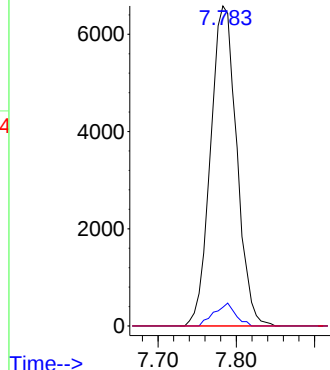
117 100

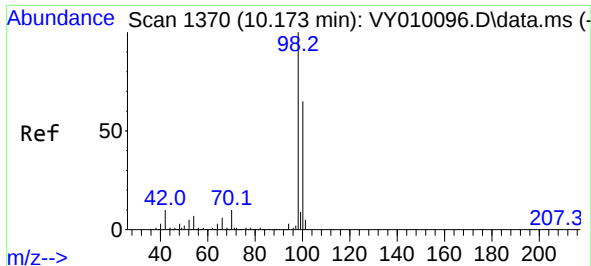
119 5.8 77.1 115.7#

121 0.0 24.7 37.1#



Abundance

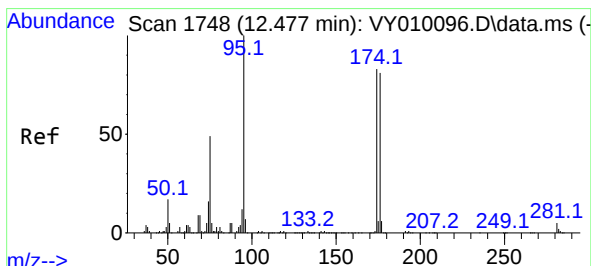
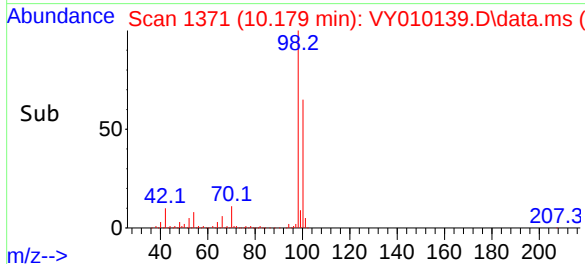
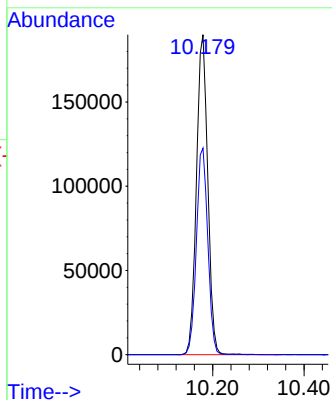
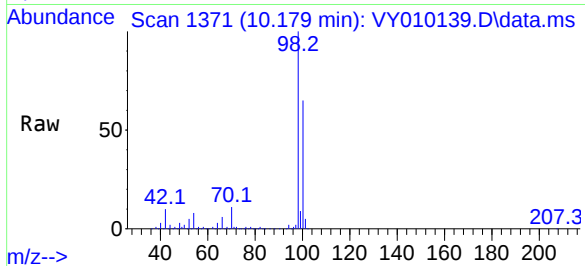




#50
Toluene-d8
Concen: 49.093 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010139.D
Acq: 20 Aug 2022 06:20

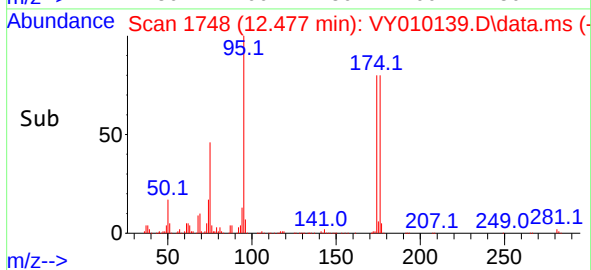
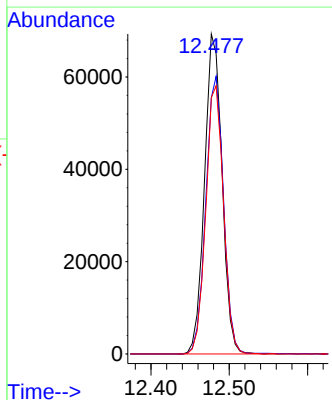
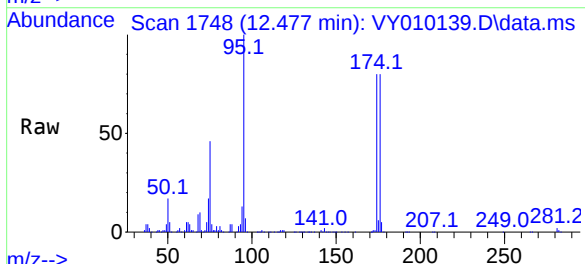
Instrument :
MSVOA_Y
ClientSampleId :
SS-7

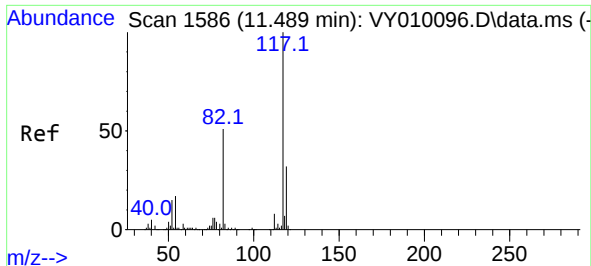
Tgt Ion: 98 Resp: 326499
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.277 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010139.D
Acq: 20 Aug 2022 06:20

Tgt Ion: 95 Resp: 107590
Ion Ratio Lower Upper
95 100
174 87.8 0.0 173.8
176 84.6 0.0 167.2

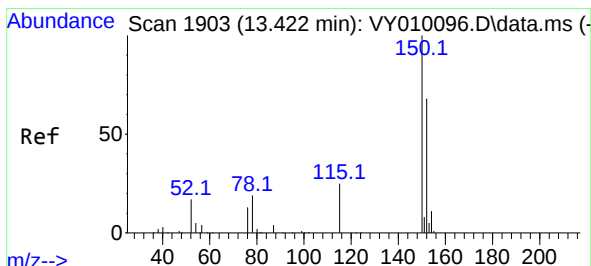
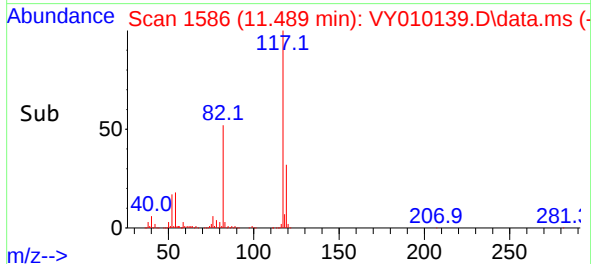
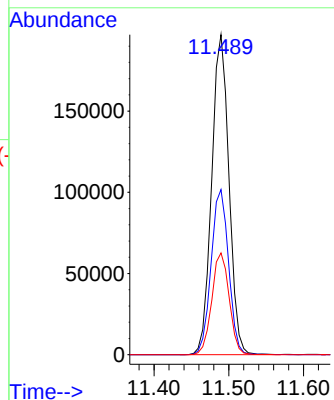
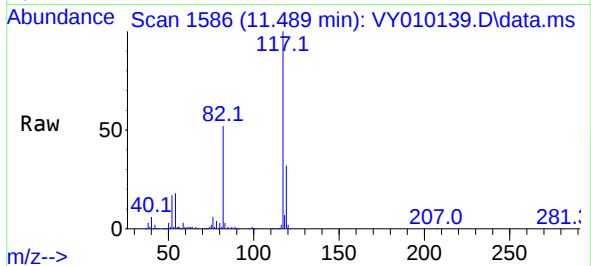




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010139.D
Acq: 20 Aug 2022 06:20

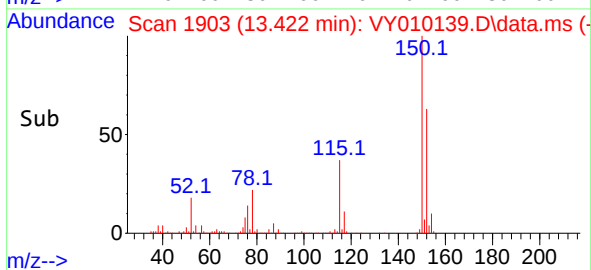
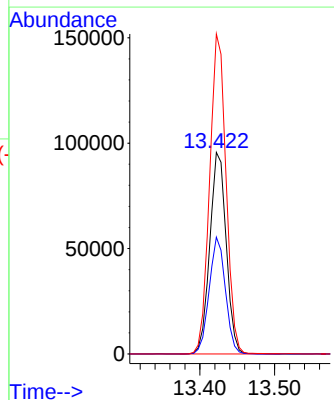
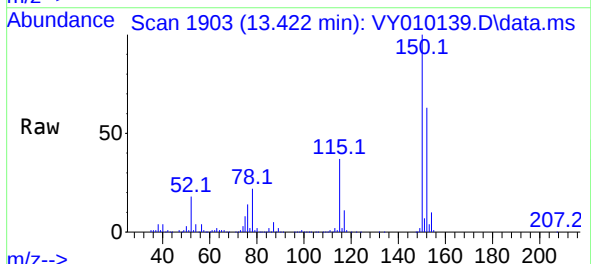
Instrument :
MSVOA_Y
ClientSampleId :
SS-7

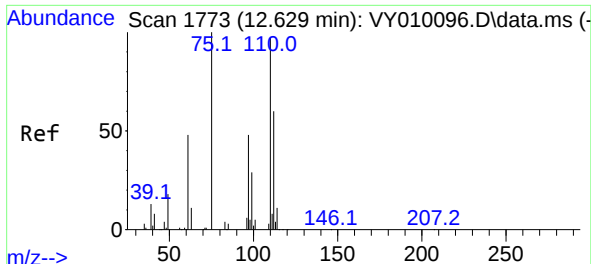
Tgt Ion:117 Resp: 316262
Ion Ratio Lower Upper
117 100
82 51.6 40.6 61.0
119 31.8 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010139.D
Acq: 20 Aug 2022 06:20

Tgt Ion:152 Resp: 145958
Ion Ratio Lower Upper
152 100
115 57.1 28.1 84.2
150 158.3 0.0 346.2

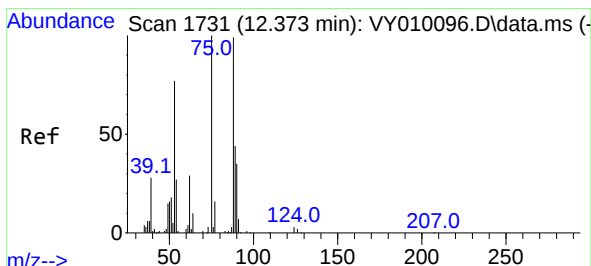
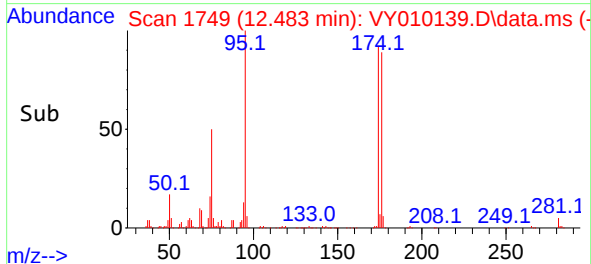
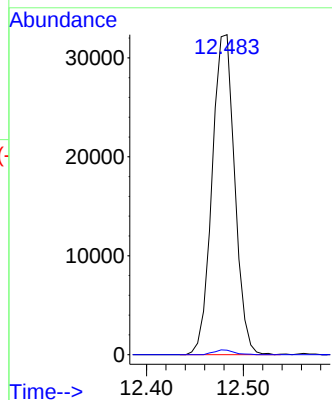
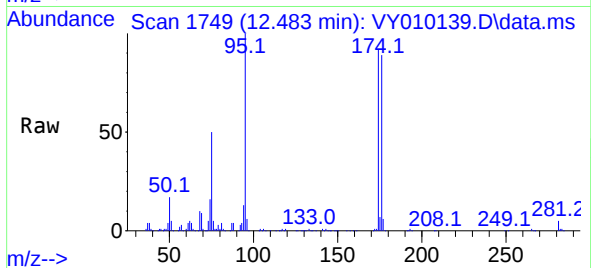




#76
1,2,3-Trichloropropane
Concen: 38.498 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY010139.D
Acq: 20 Aug 2022 06:20

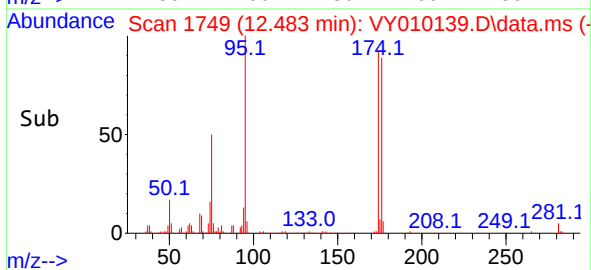
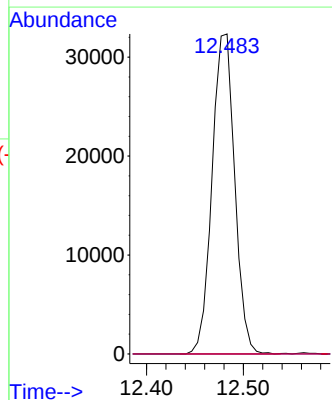
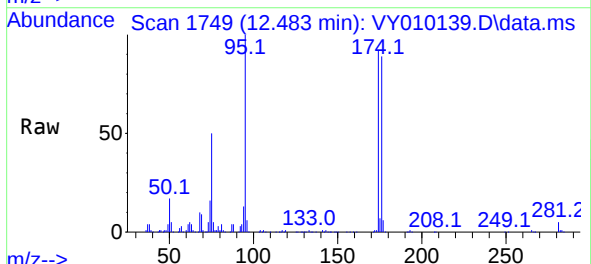
Instrument :
MSVOA_Y
ClientSampleId :
SS-7

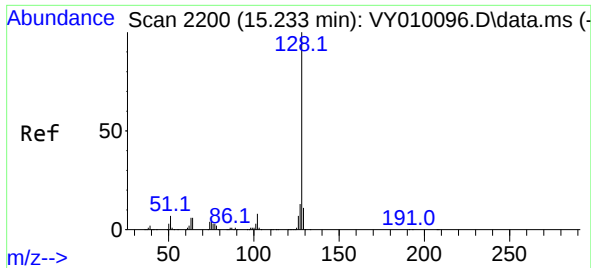
Tgt Ion: 75 Resp: 52624
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.323 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.110 min
Lab File: VY010139.D
Acq: 20 Aug 2022 06:20

Tgt Ion: 75 Resp: 52624
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.0 36.8 55.2#





#95
Naphthalene
Concen: 3.909 ug/l
RT: 15.227 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY010139.D
Acq: 20 Aug 2022 06:20

Instrument :
MSVOA_Y
ClientSampleId :
SS-7

Tgt Ion:	128	Resp:	140
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	8.9	13.3#

