

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
 Data File : VY007714.D
 Acq On : 03 Mar 2022 19:02
 Operator : SY/MD
 Sample : N1759-01
 Misc : 7.18g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 04 00:43:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	379507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	706972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	848455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	458920	50.000	ug/l	# 0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	166213	41.835	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.660%
35) Dibromofluoromethane	7.722	113	156186	34.555	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	69.120%
50) Toluene-d8	10.191	98	3556063	213.732	ug/l	0.01
Spiked Amount	50.000	Range	49 - 140	Recovery	=	427.460%#
62) 4-Bromofluorobenzene	12.477	95	2654764	495.001	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	990.000%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	143	Below Cal	#	43
3) Chloromethane	2.113	50	928	Below Cal		94
11) Tert butyl alcohol	4.960	59	393	1.142	ug/l #	77
13) Acrolein	3.698	56	18369	30.859	ug/l #	1
14) Allyl chloride	4.582	41	48931	9.231	ug/l #	72
15) Acrylonitrile	5.247	53	191311	173.154	ug/l #	40
16) Acetone	3.942	43	266072	329.201	ug/l #	64
17) Carbon Disulfide	4.198	76	3361	Below Cal	#	75
18) Methyl Acetate	4.710	43	3006701	1426.437	ug/l #	56
20) Methylene Chloride	4.722	84	13515	Below Cal	#	1
23) Vinyl Acetate	6.106	43	33517	4.185	ug/l #	80
25) 2-Butanone	6.984	43	228178	168.293	ug/l #	58
26) 2,2-Dichloropropane	6.795	77	40019	5.877	ug/l #	55
29) Tetrahydrofuran	7.362	42	8353	9.004	ug/l #	38
30) Chloroform	7.472	83	380070	47.947	ug/l #	19
31) Cyclohexane	7.777	56	12078333	2138.352	ug/l #	63
36) 1,1-Dichloropropene	7.886	75	8526	1.199	ug/l #	1
37) Ethyl Acetate	6.984	43	228178	58.103	ug/l #	75
38) Carbon Tetrachloride	7.789	117	38107	5.024	ug/l #	14
39) Methylcyclohexane	9.380	83	1293797	148.059	ug/l #	1
40) Benzene	8.167	78	977990	49.423	ug/l	97
41) Methacrylonitrile	7.356	41	82090	43.742	ug/l #	45
42) 1,2-Dichloroethane	8.283	62	25352	4.106	ug/l #	1
43) Isopropyl Acetate	8.283	43	3508600	483.107	ug/l #	57
45) 1,2-Dichloropropane	9.191	63	486803	95.131	ug/l #	1
46) Dibromomethane	9.264	93	64031	20.846	ug/l #	1
47) Bromodichloromethane	9.490	83	2598428	360.667	ug/l #	26
48) Methyl methacrylate	9.258	41	11378513	3614.530	ug/l #	49
49) 1,4-Dioxane	9.350	88	60	1.618	ug/l #	1
51) 4-Methyl-2-Pentanone	10.130	43	10208017	2626.911	ug/l	98
52) Toluene	10.252	92	266594	20.836	ug/l	95
54) cis-1,3-Dichloropropene	9.977	75	17495	2.141	ug/l #	1
55) 1,1,2-Trichloroethane	10.630	97	16623579	3978.050	ug/l #	25
56) Ethyl methacrylate	10.532	69	941433	169.689	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.770	63	420408	138.948	ug/l #	48
59) 2-Hexanone	10.813	43	10813880	4132.346	ug/l #	35

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

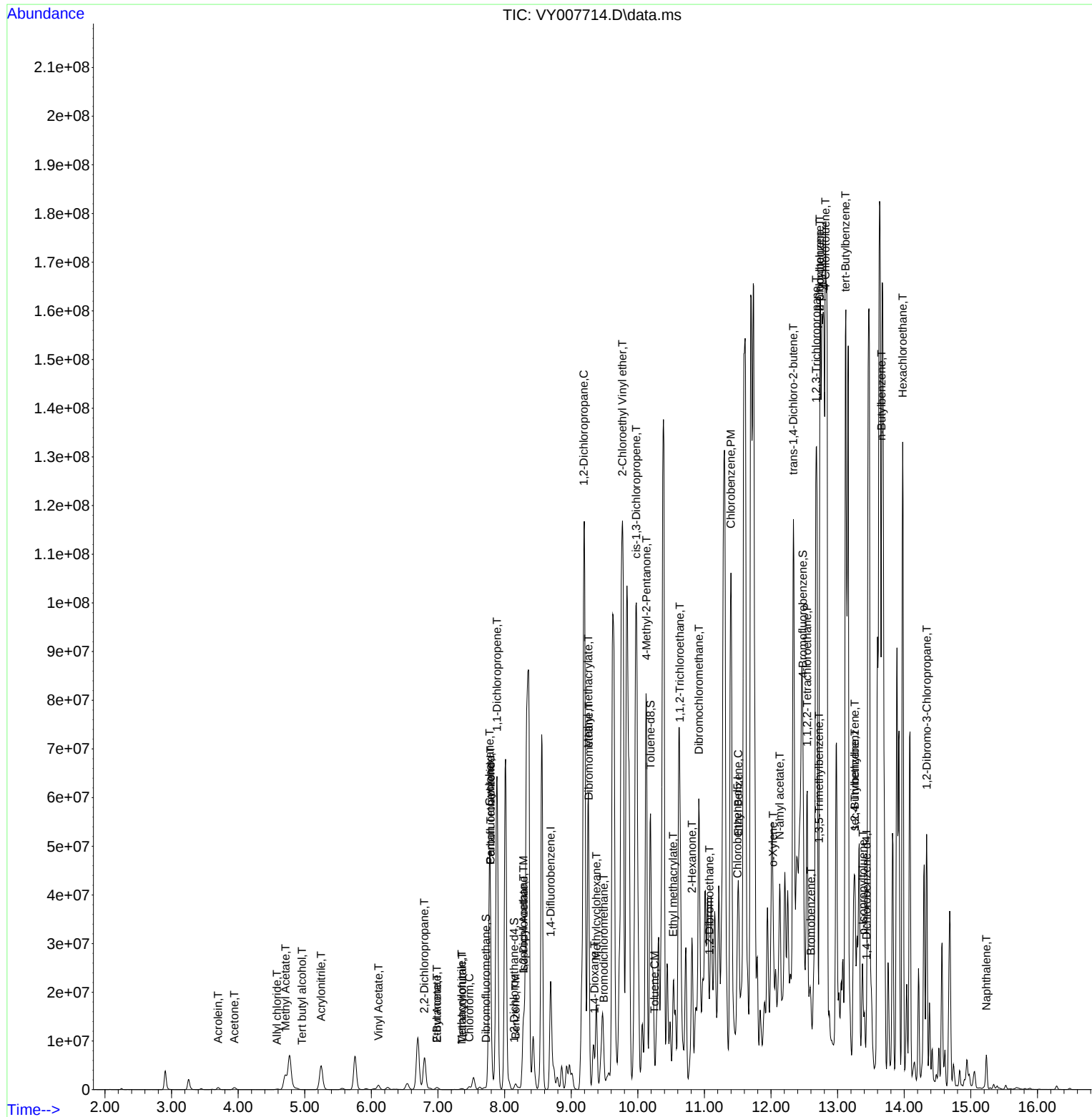
60) Dibromochloromethane	10.916	129	96059	19.305	ug/l	64
61) 1,2-Dibromoethane	11.075	107	87582	21.989	ug/l #	1
65) Chlorobenzene	11.398	112	420819	22.766	ug/l #	59
67) Ethyl Benzene	11.508	91	318334	9.549	ug/l #	46
69) o-Xylene	12.032	106	674027	55.610	ug/l	89
74) N-ethyl acetate	12.130	43	7559836	794.339	ug/l #	75
75) 1,1,2,2-Tetrachloroethane	12.544	83	885454	118.084	ug/l #	24
76) 1,2,3-Trichloropropane	12.678	75	1477112	288.214	ug/l #	100
77) Bromobenzene	12.599	156	20034	2.433	ug/l #	1
78) n-propylbenzene	12.733	91	2493414	57.796	ug/l #	1
79) 2-Chlorotoluene	12.733	91	2493414	108.007	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.721	105	2785301	97.430	ug/l #	35
81) trans-1,4-Dichloro-2-b...	12.337	75	1128881	450.308	ug/l #	64
82) 4-Chlorotoluene	12.818	91	18779431	790.855	ug/l #	42
83) tert-Butylbenzene	13.117	119	16080561	611.526	ug/l #	64
84) 1,2,4-Trimethylbenzene	13.257	105	16231558	576.423	ug/l #	31
85) sec-Butylbenzene	13.257	105	16231558	417.277	ug/l #	22
86) p-Isopropyltoluene	13.379	119	6191509	192.716	ug/l	99
89) n-Butylbenzene	13.660	91	1210552	39.867	ug/l #	33
90) Hexachloroethane	13.977	117	9642294	1583.317	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.336	75	190062	167.368	ug/l #	6
95) Naphthalene	15.233	128	5530201	295.095	ug/l	99

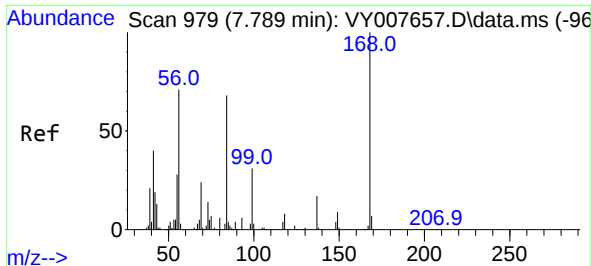
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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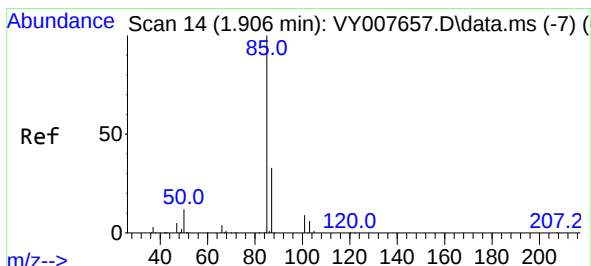
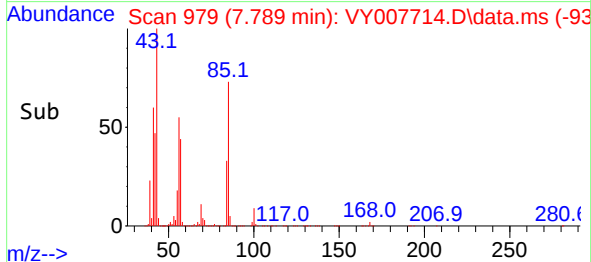
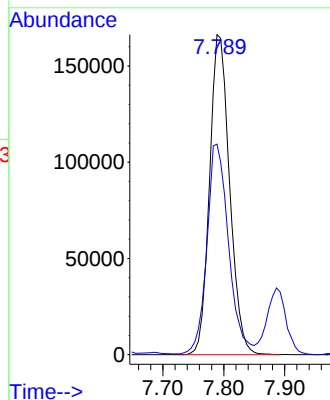
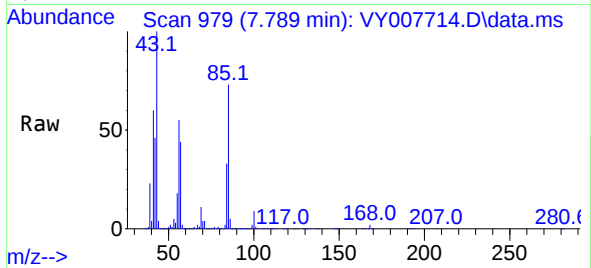




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

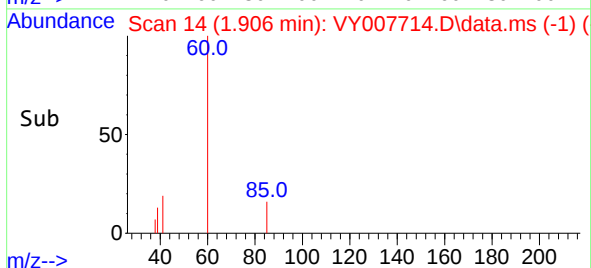
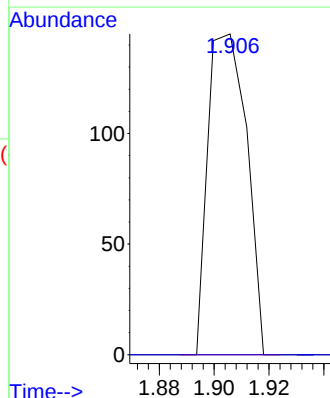
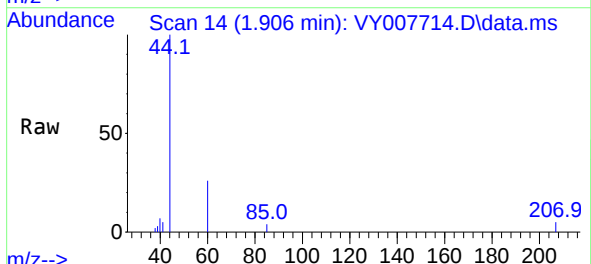
Instrument :
MSVOA_Y
ClientSampleId :

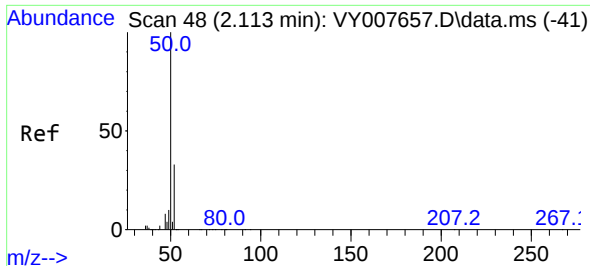
Tgt Ion:168 Resp: 379507
Ion Ratio Lower Upper
168 100
99 65.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

Tgt Ion: 85 Resp: 143
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

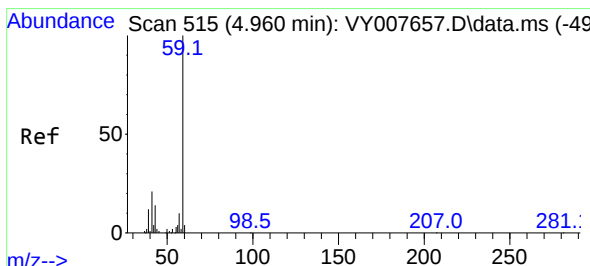
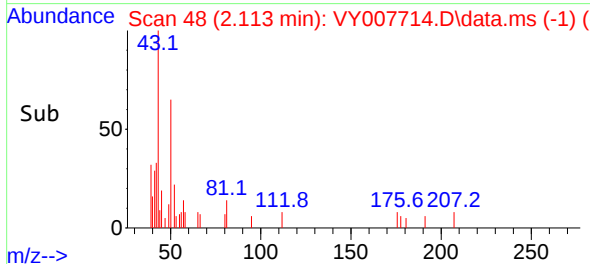
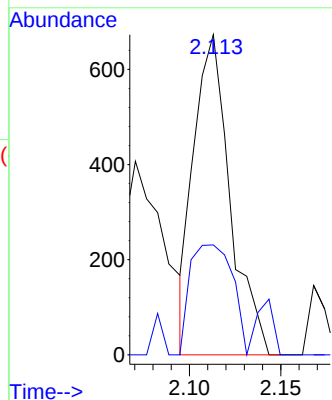
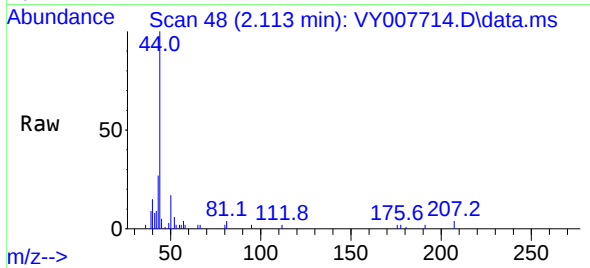




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

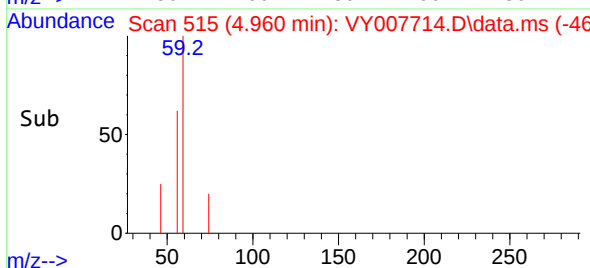
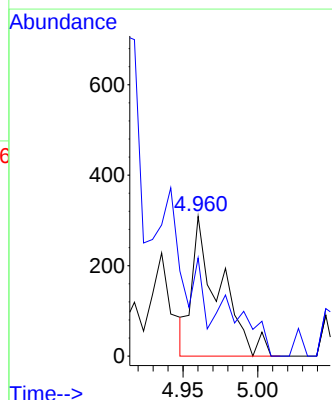
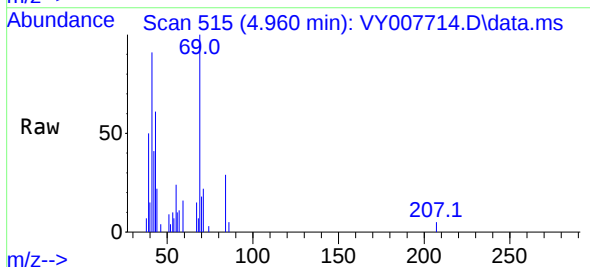
Instrument :
MSVOA_Y
ClientSampleId :

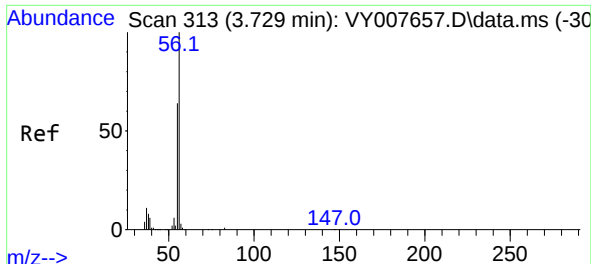
Tgt Ion: 50 Resp: 928
Ion Ratio Lower Upper
50 100
52 34.3 24.6 37.0



#11
Tert butyl alcohol
Concen: 1.142 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

Tgt Ion: 59 Resp: 393
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

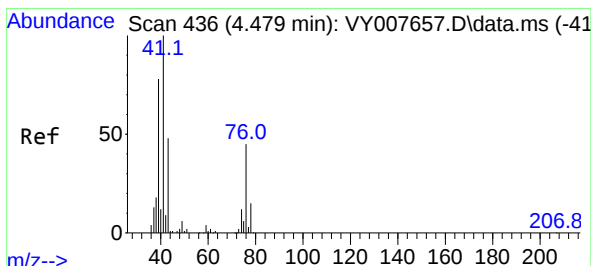
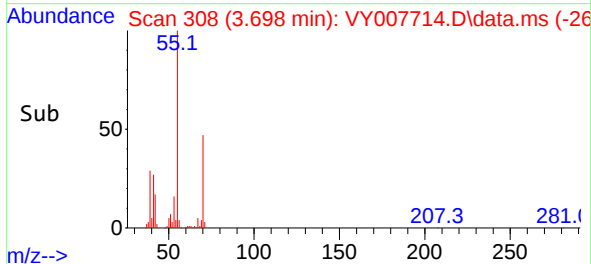
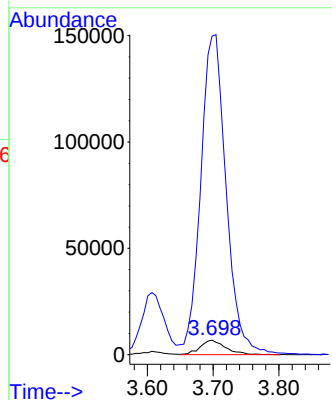
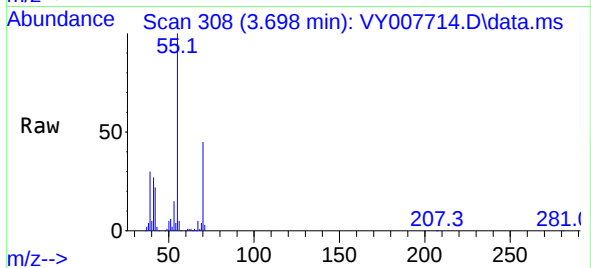




#13
Acrolein
Concen: 30.859 ug/l
RT: 3.698 min Scan# 30
Delta R.T. -0.031 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

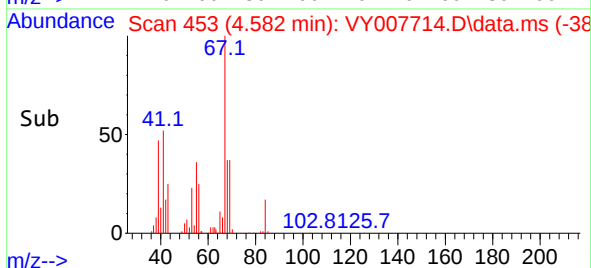
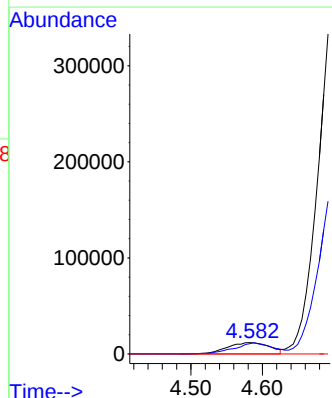
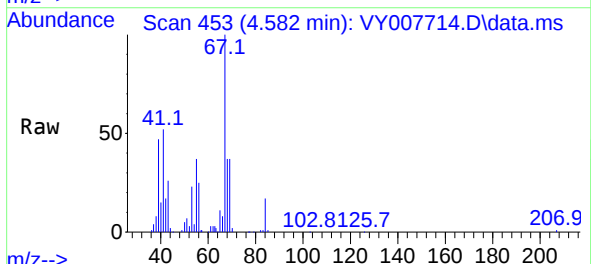
Instrument :
MSVOA_Y
ClientSampleId :

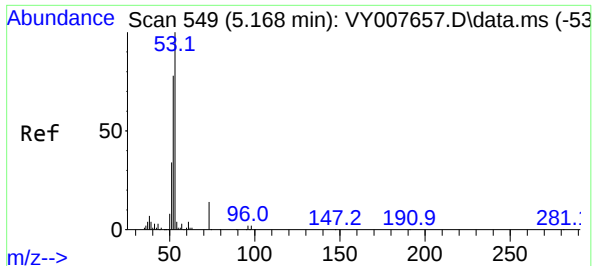
Tgt Ion: 56 Resp: 18369
Ion Ratio Lower Upper
56 100
55 2216.8 57.6 86.4#



#14
Allyl chloride
Concen: 9.231 ug/l
RT: 4.582 min Scan# 453
Delta R.T. 0.103 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

Tgt Ion: 41 Resp: 48931
Ion Ratio Lower Upper
41 100
39 87.2 58.8 88.2
76 0.0 25.1 37.7#





#15

Acrylonitrile

Concen: 173.154 ug/l

RT: 5.247 min Scan# 5

Delta R.T. 0.079 min

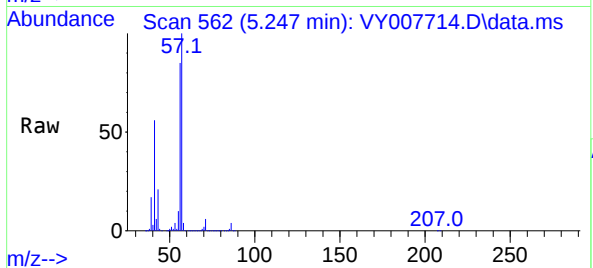
Lab File: VY007714.D

Acq: 03 Mar 2022 19:02

Instrument :

MSVOA_Y

ClientSampleId :



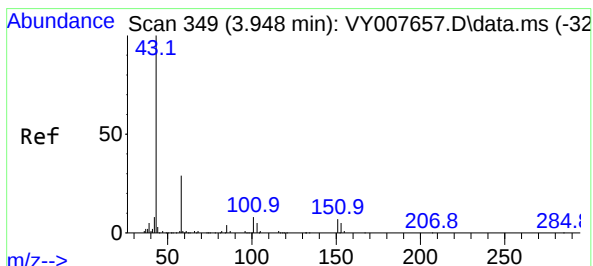
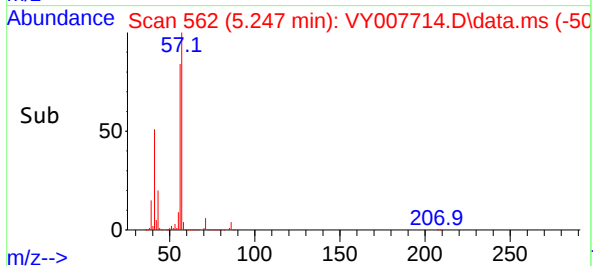
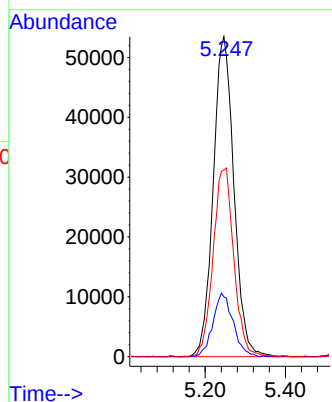
Tgt Ion: 53 Resp: 191311

Ion Ratio Lower Upper

53 100

52 19.4 67.0 100.4#

51 59.0 29.8 44.6#



#16

Acetone

Concen: 329.201 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.006 min

Lab File: VY007714.D

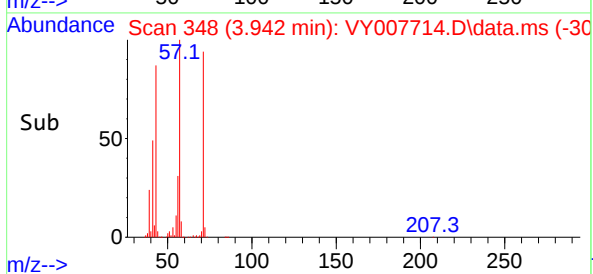
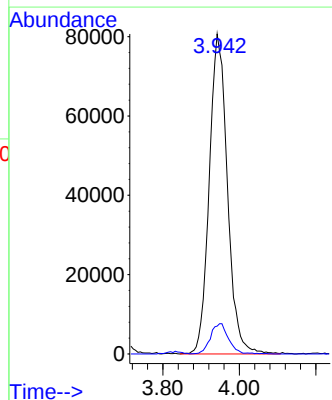
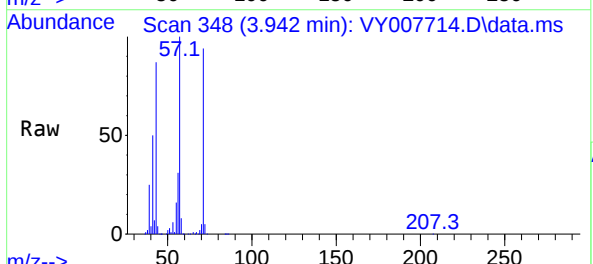
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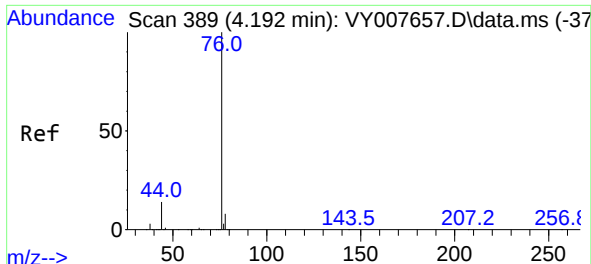
Tgt Ion: 43 Resp: 266072

Ion Ratio Lower Upper

43 100

58 8.7 22.0 33.0#

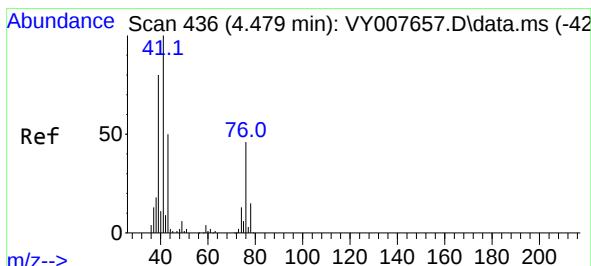
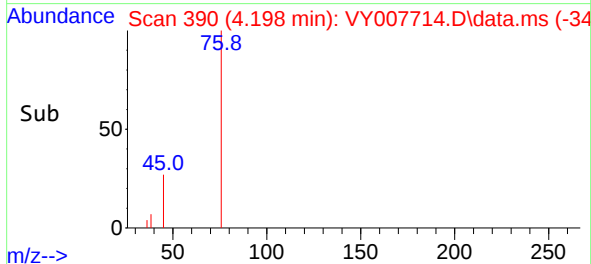
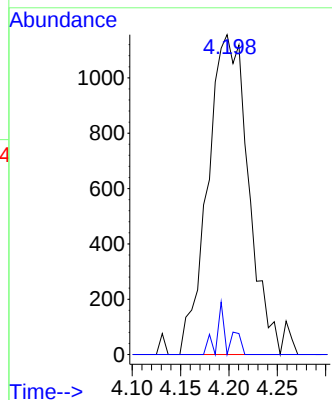
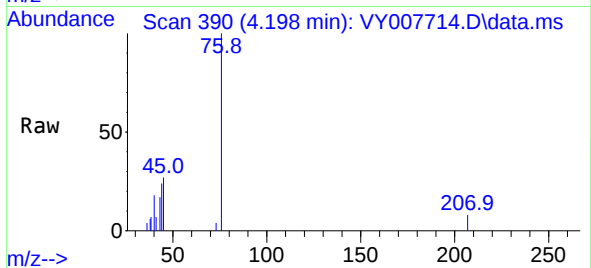




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.198 min Scan# 3361
Delta R.T. 0.006 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

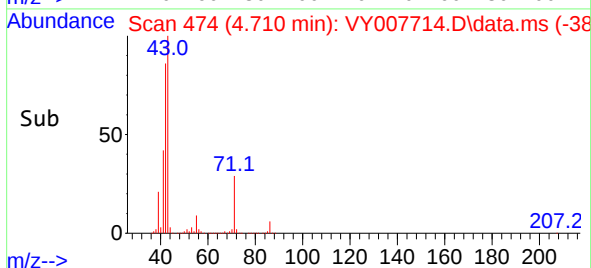
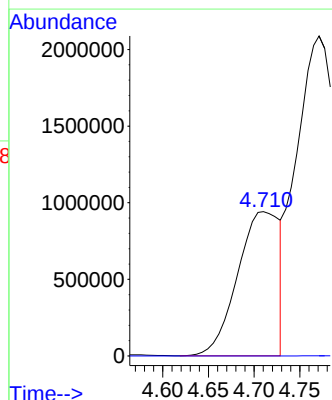
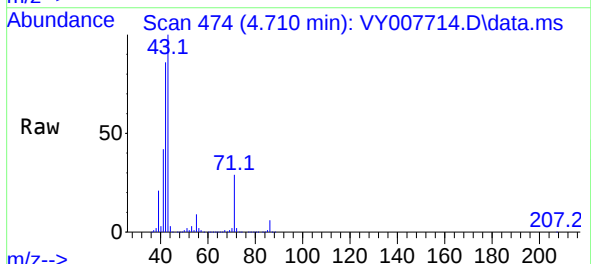
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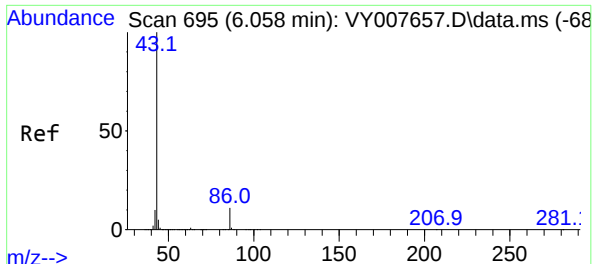
Tgt Ion: 76 Resp: 3361
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: 1426.437 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.231 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

Tgt Ion: 43 Resp: 3006701
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

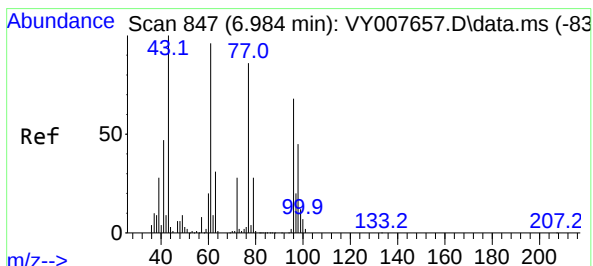
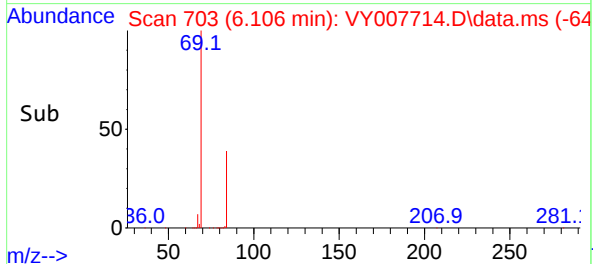
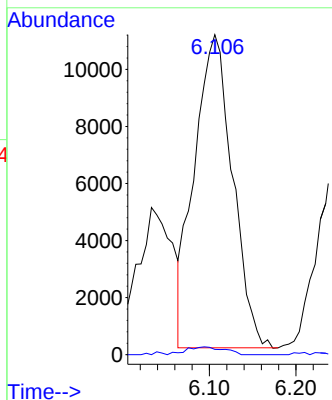
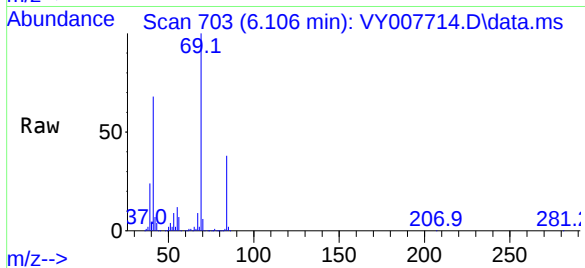




#23
 Vinyl Acetate
 Concen: 4.185 ug/l
 RT: 6.106 min Scan# 703
 Delta R.T. 0.048 min
 Lab File: VY007714.D
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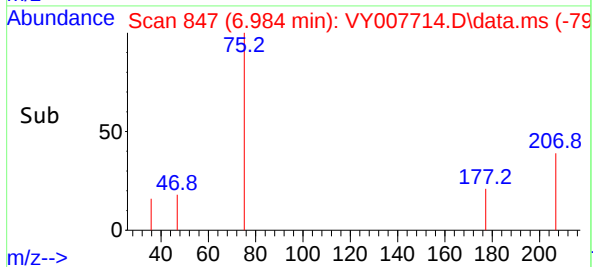
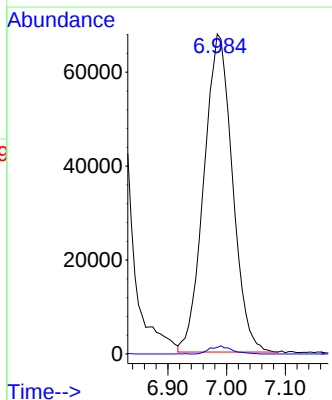
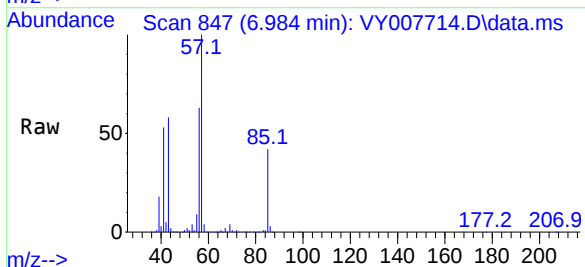
Instrument :
 MSVOA_Y
 ClientSampleId :

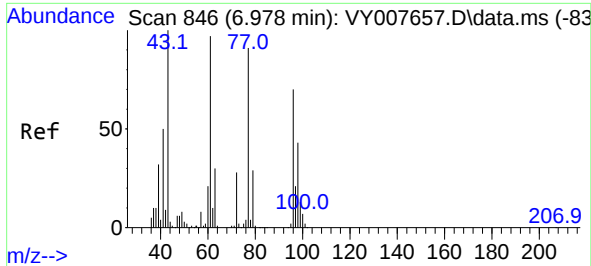
Tgt Ion: 43 Resp: 33517
 Ion Ratio Lower Upper
 43 100
 86 1.7 7.1 10.7#



#25
 2-Butanone
 Concen: 168.293 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY007714.D
 Acq: 03 Mar 2022 19:02

Tgt Ion: 43 Resp: 228178
 Ion Ratio Lower Upper
 43 100
 72 2.1 17.7 26.5#

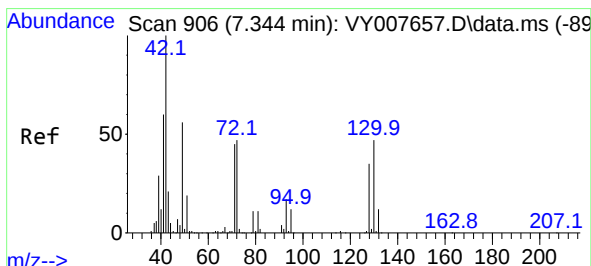
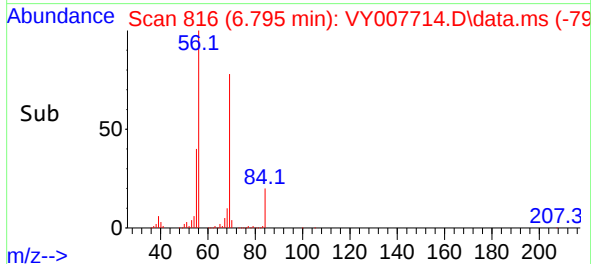
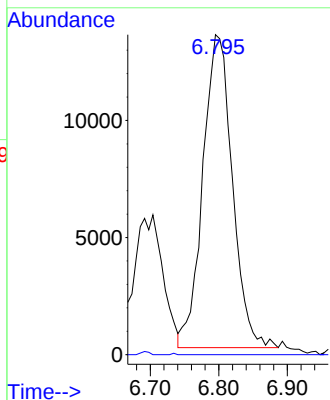
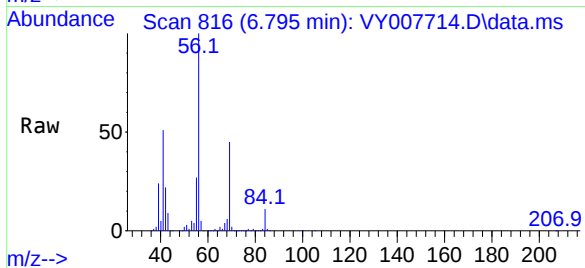




#26
2,2-Dichloropropane
Concen: 5.877 ug/l
RT: 6.795 min Scan# 816
Delta R.T. -0.183 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

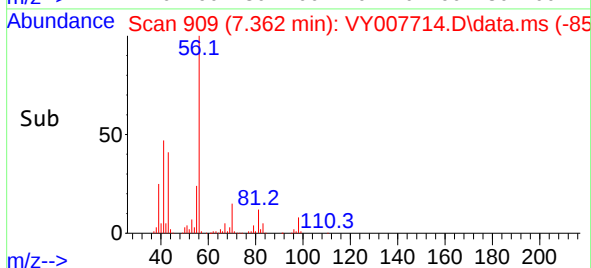
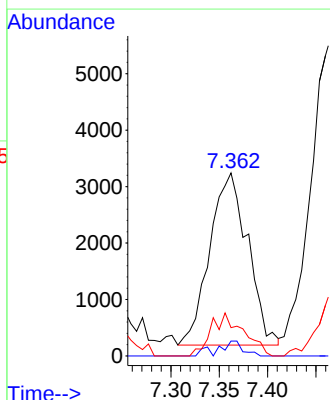
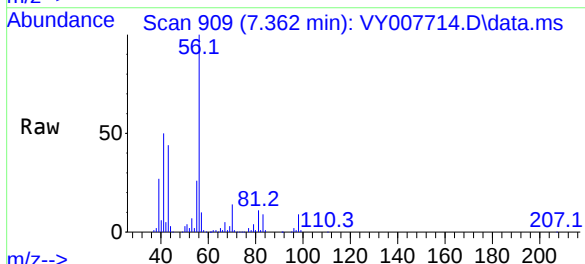
Instrument :
MSVOA_Y
ClientSampleId :

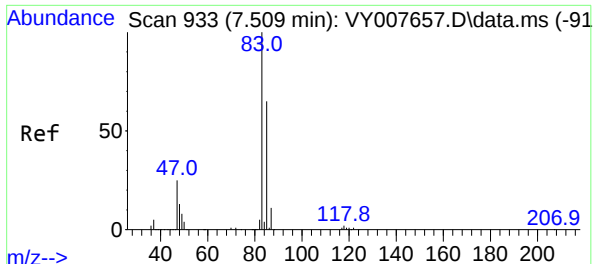
Tgt Ion: 77 Resp: 40019
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#



#29
Tetrahydrofuran
Concen: 9.004 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.018 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

Tgt Ion: 42 Resp: 8353
Ion Ratio Lower Upper
42 100
72 0.0 30.3 45.5#
71 0.0 29.0 43.4#





#30

Chloroform

Concen: 47.947 ug/l

RT: 7.472 min Scan# 91

Delta R.T. -0.037 min

Lab File: VY007714.D

Acq: 03 Mar 2022 19:02

Instrument :

MSVOA_Y

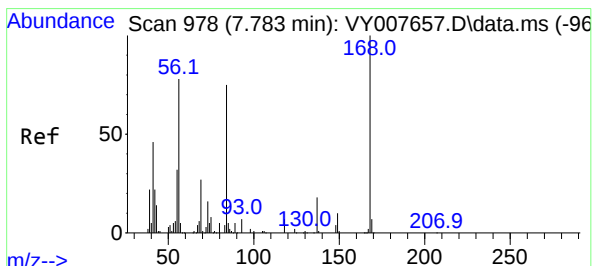
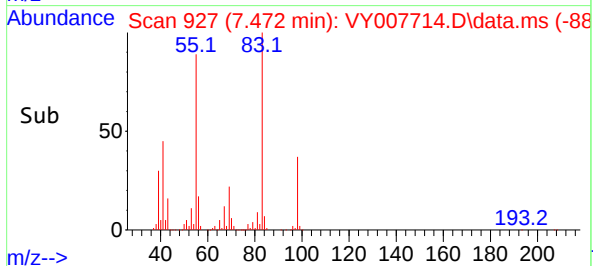
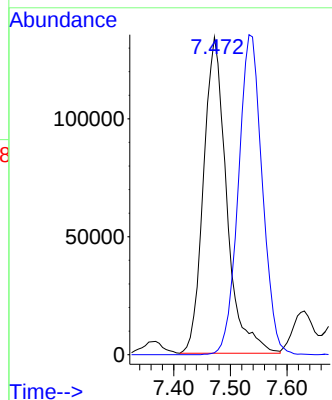
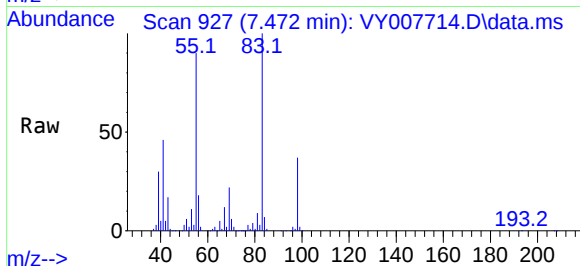
ClientSampleId :

Tgt Ion: 83 Resp: 380070

Ion Ratio Lower Upper

83 100

85 0.6 51.8 77.6#



#31

Cyclohexane

Concen: 2138.352 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.006 min

Lab File: VY007714.D

Acq: 03 Mar 2022 19:02

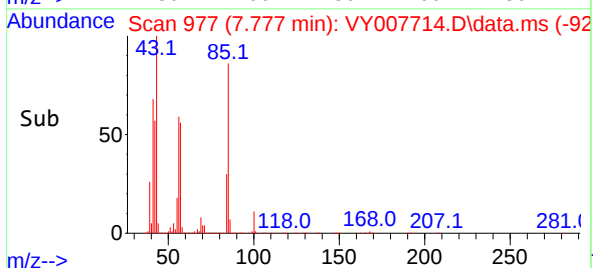
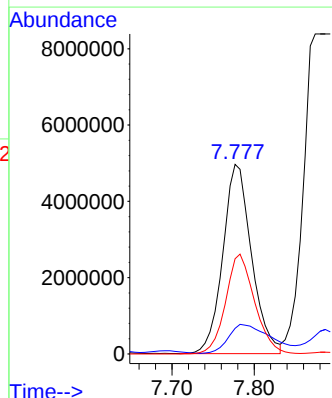
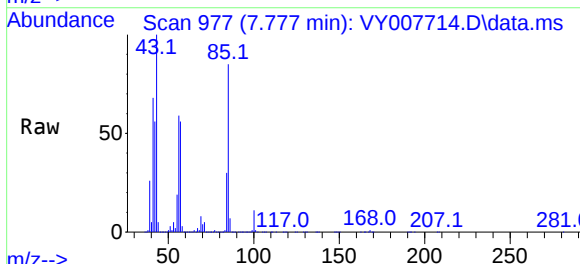
Tgt Ion: 56 Resp:12078333

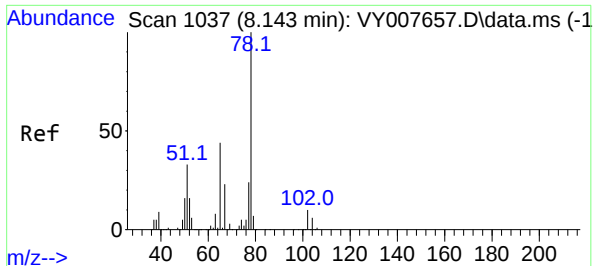
Ion Ratio Lower Upper

56 100

69 12.4 26.7 40.1#

84 50.3 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 41.835 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY007714.D

Acq: 03 Mar 2022 19:02

Instrument :

MSVOA_Y

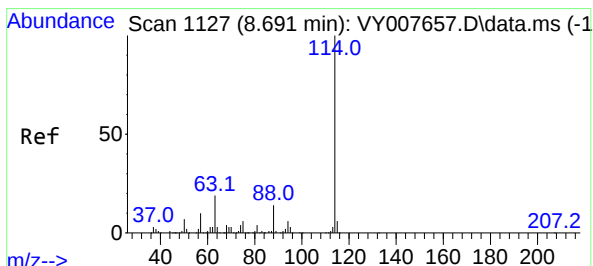
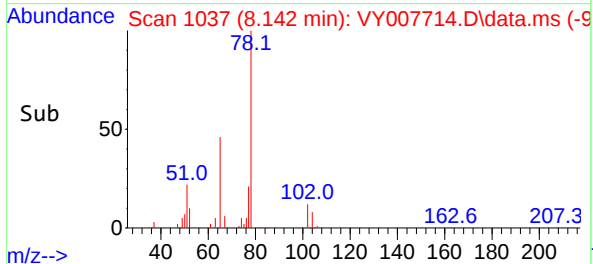
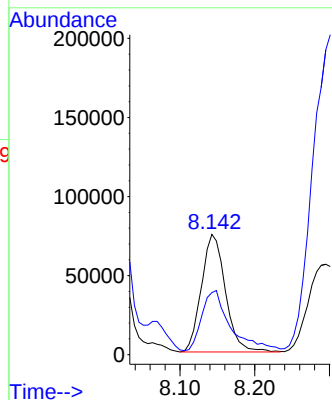
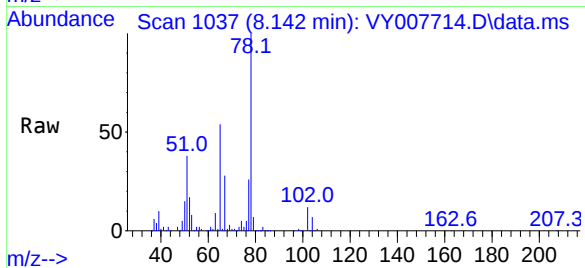
ClientSampleId :

Tgt Ion: 65 Resp: 166213

Ion Ratio Lower Upper

65 100

67 0.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007714.D

Acq: 03 Mar 2022 19:02

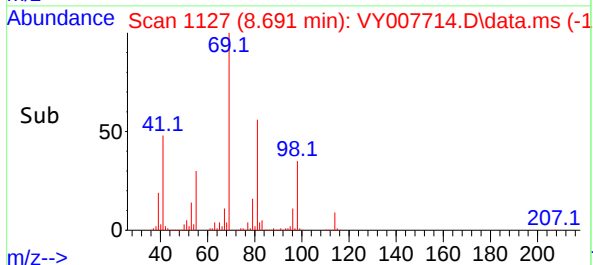
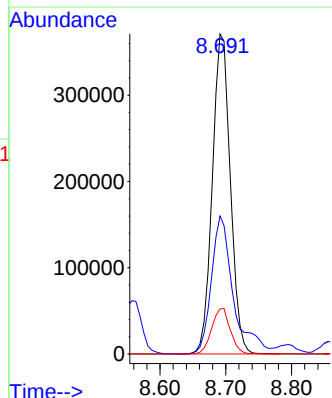
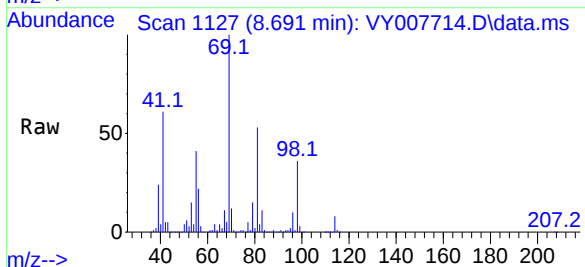
Tgt Ion: 114 Resp: 706972

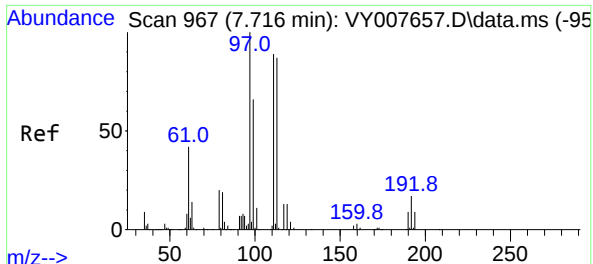
Ion Ratio Lower Upper

114 100

63 43.1 0.0 43.2

88 14.1 0.0 31.8

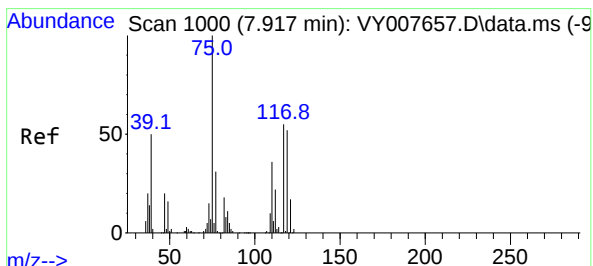
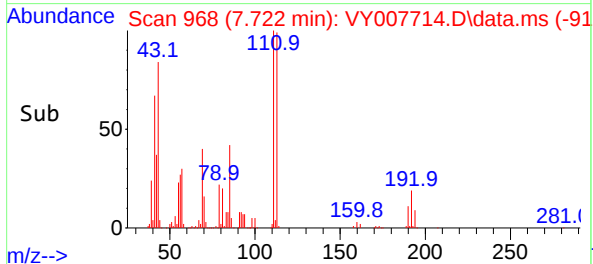
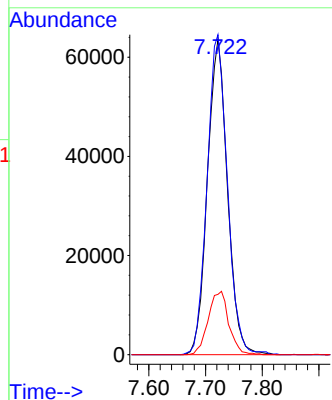
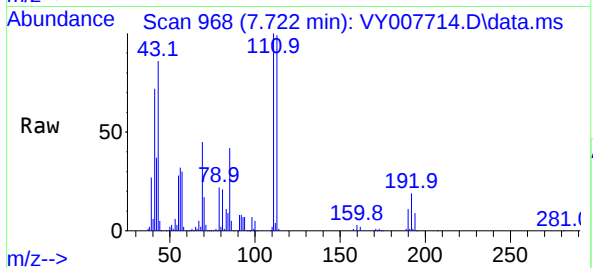




#35
Dibromofluoromethane
Concen: 34.555 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

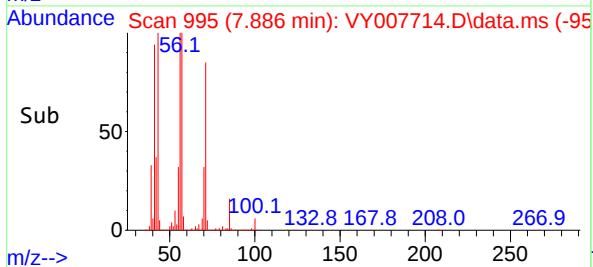
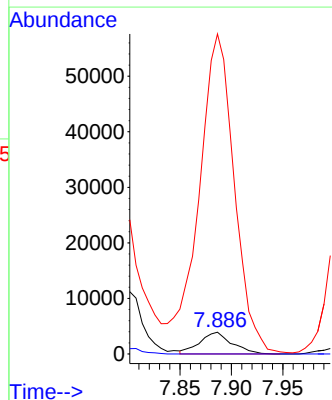
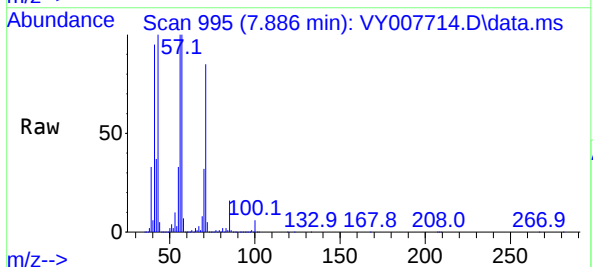
Instrument :
MSVOA_Y
ClientSampleId :

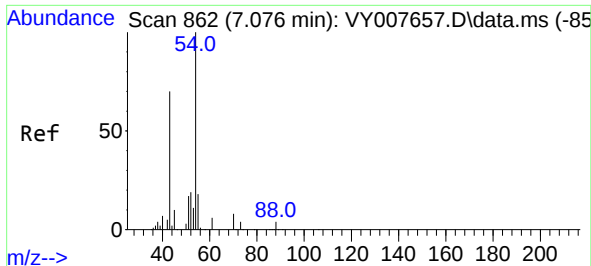
Tgt Ion:113 Resp: 156186
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 20.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 1.199 ug/l
RT: 7.886 min Scan# 995
Delta R.T. -0.031 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

Tgt Ion: 75 Resp: 8526
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 1600.8 24.4 36.6#





#37

Ethyl Acetate

Concen: 58.103 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.092 min

Lab File: VY007714.D

Acq: 03 Mar 2022 19:02

Instrument :

MSVOA_Y

ClientSampleId :

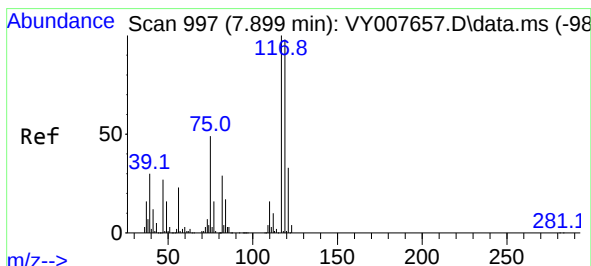
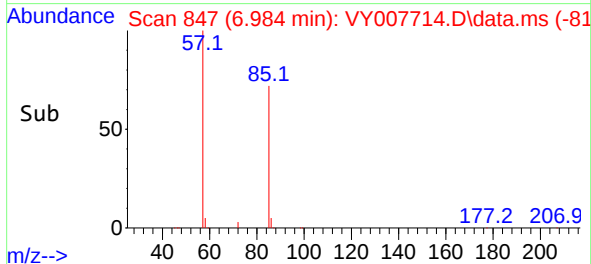
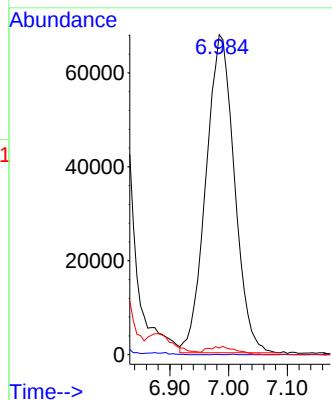
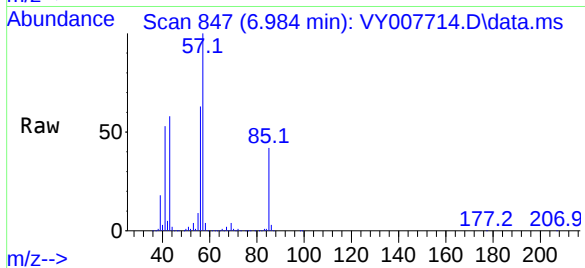
Tgt Ion: 43 Resp: 228178

Ion Ratio Lower Upper

43 100

61 0.0 9.7 14.5#

70 2.5 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.024 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY007714.D

Acq: 03 Mar 2022 19:02

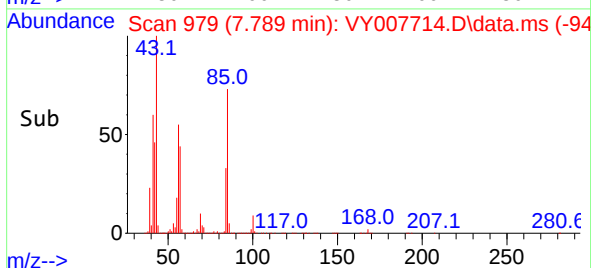
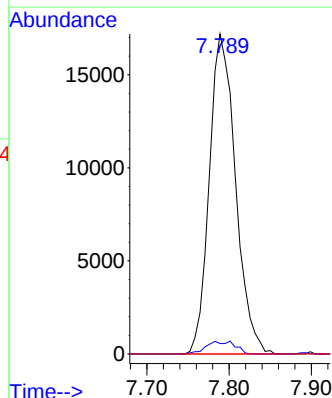
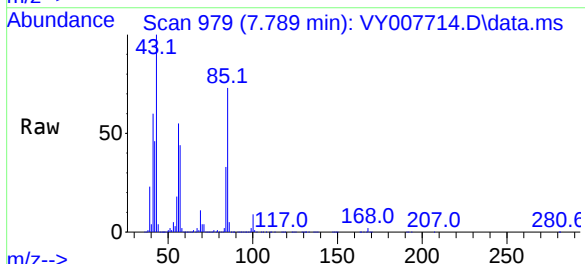
Tgt Ion: 117 Resp: 38107

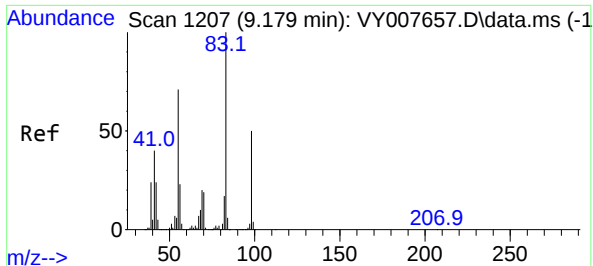
Ion Ratio Lower Upper

117 100

119 3.2 77.9 116.9#

121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 148.059 ug/l

RT: 9.380 min Scan# 11

Delta R.T. 0.201 min

Lab File: VY007714.D

Acq: 03 Mar 2022 19:02

Instrument :

MSVOA_Y

ClientSampleId :

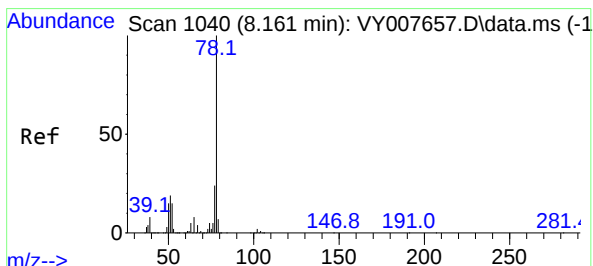
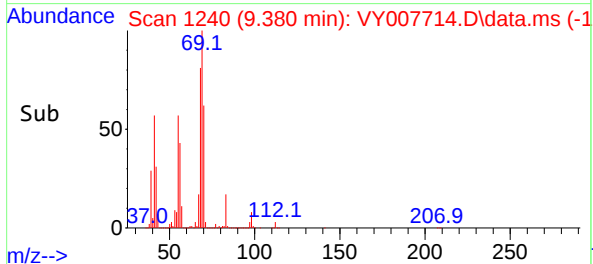
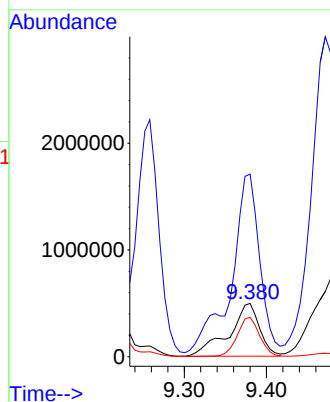
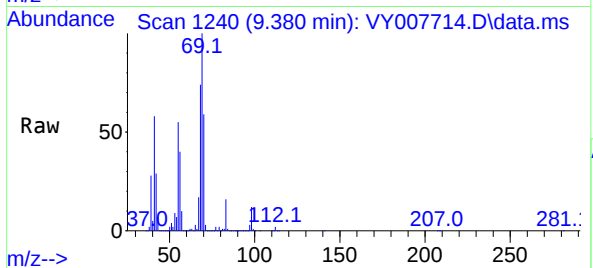
Tgt Ion: 83 Resp: 1293797

Ion Ratio Lower Upper

83 100

55 336.5 66.5 99.7#

98 74.3 37.9 56.9#



#40

Benzene

Concen: 49.423 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY007714.D

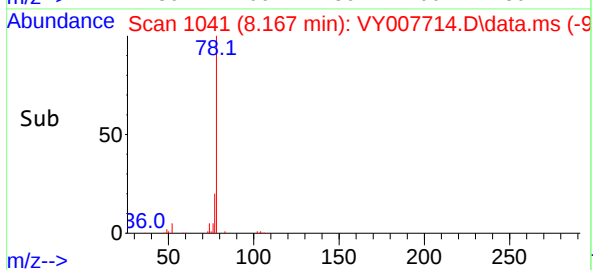
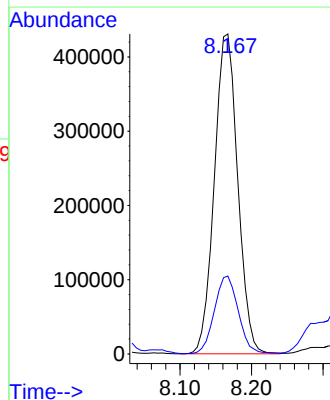
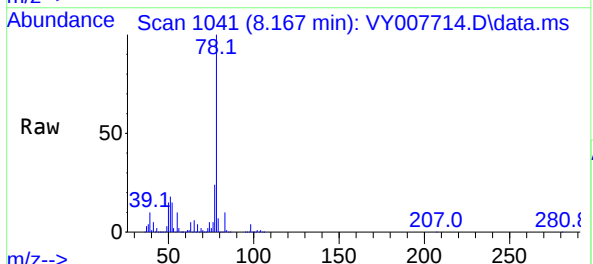
Acq: 03 Mar 2022 19:02

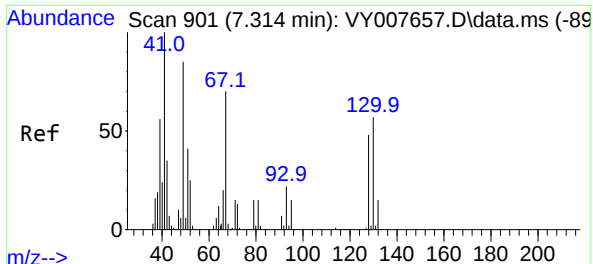
Tgt Ion: 78 Resp: 977990

Ion Ratio Lower Upper

78 100

77 24.2 20.4 30.6

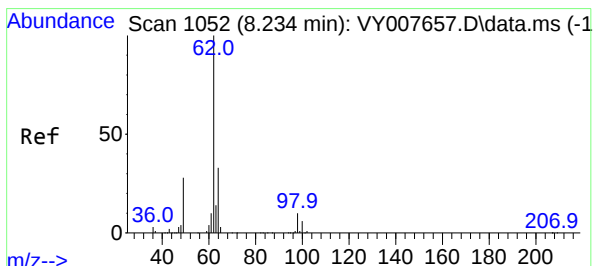
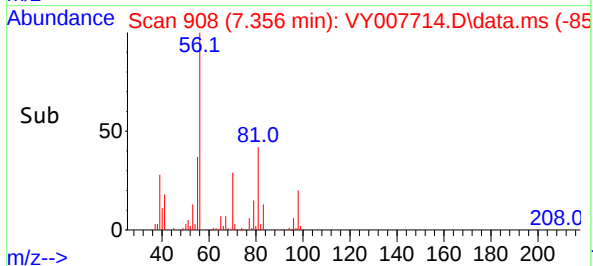
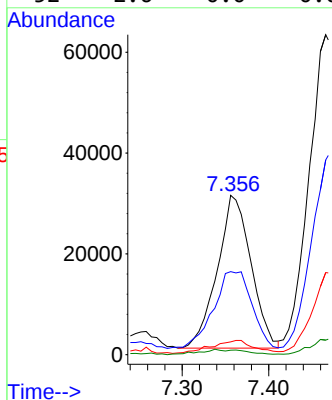
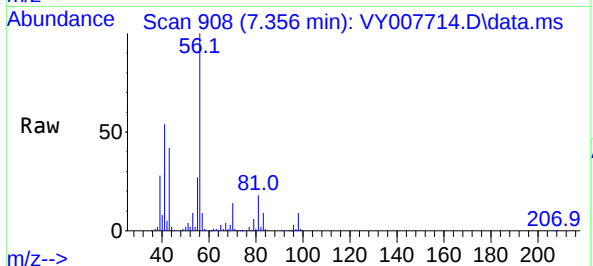




#41
Methacrylonitrile
Concen: 43.742 ug/l
RT: 7.356 min Scan# 90
Delta R.T. 0.042 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

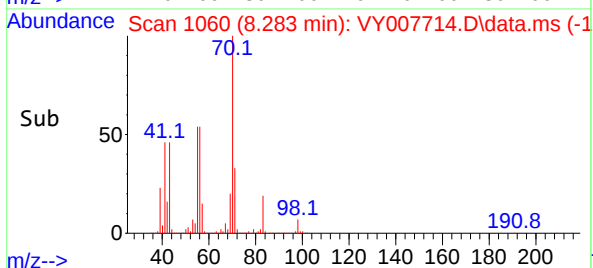
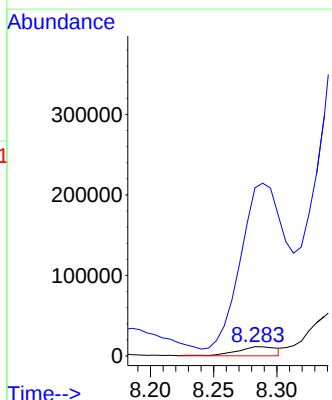
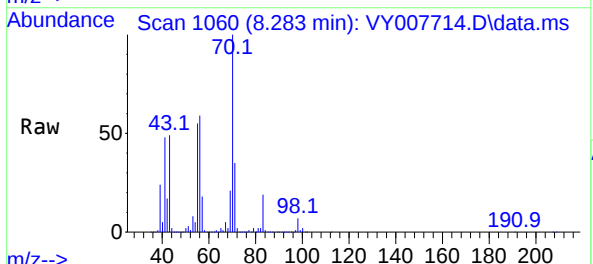
Instrument :
MSVOA_Y
ClientSampleId :

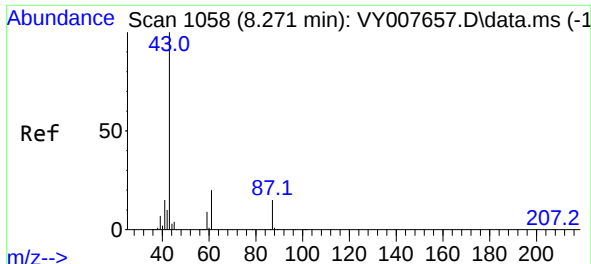
Tgt Ion: 41 Resp: 82090
Ion Ratio Lower Upper
41 100
39 56.0 92.9 139.3#
67 0.0 0.0 0.0
52 2.6 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 4.106 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.049 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

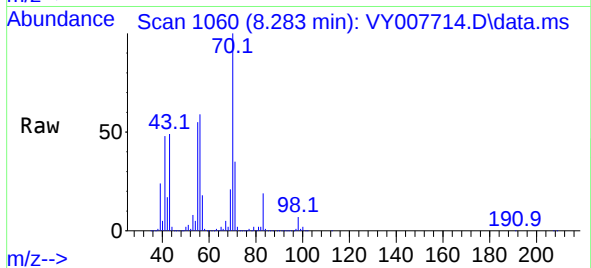
Tgt Ion: 62 Resp: 25352
Ion Ratio Lower Upper
62 100
98 2007.0 0.0 14.8#



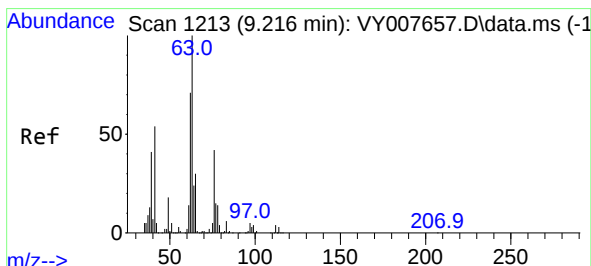
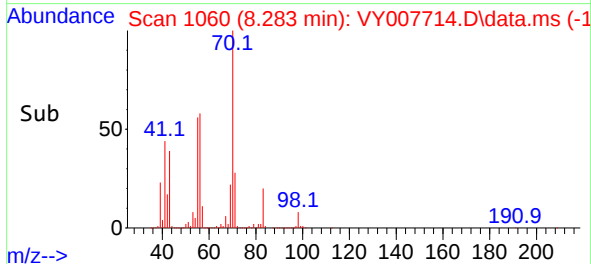
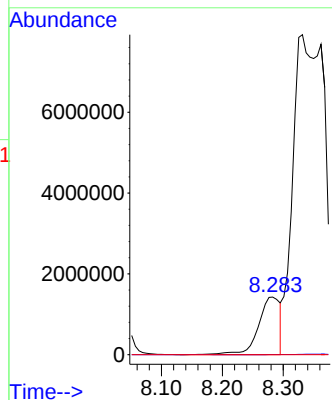


#43
Isopropyl Acetate
Concen: 483.107 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.012 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

Instrument :
MSVOA_Y
ClientSampleId :

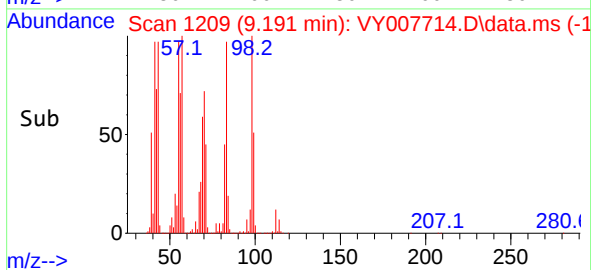
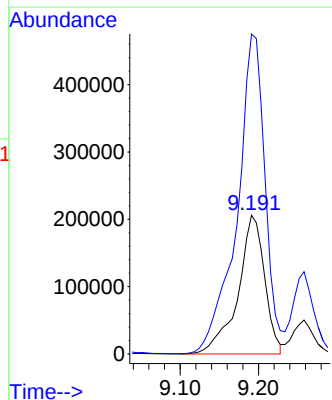
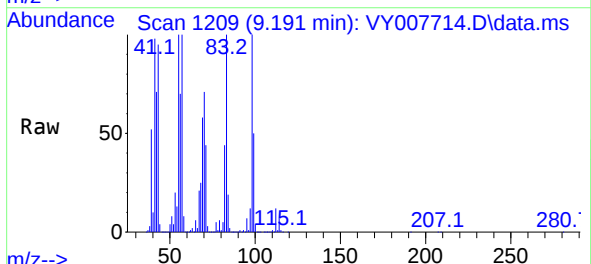


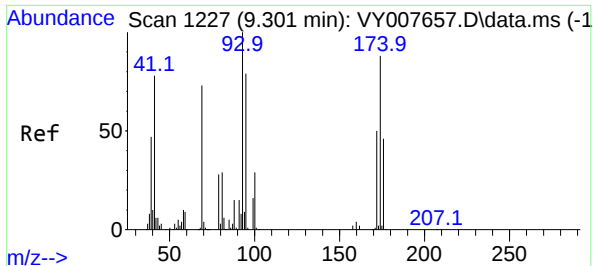
Tgt Ion: 43 Resp: 3508600
Ion Ratio Lower Upper
43 100
61 0.2 20.2 30.2#
87 0.0 8.9 13.3#



#45
1,2-Dichloropropane
Concen: 95.131 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. -0.025 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

Tgt Ion: 63 Resp: 486803
Ion Ratio Lower Upper
63 100
65 230.7 23.0 34.6#

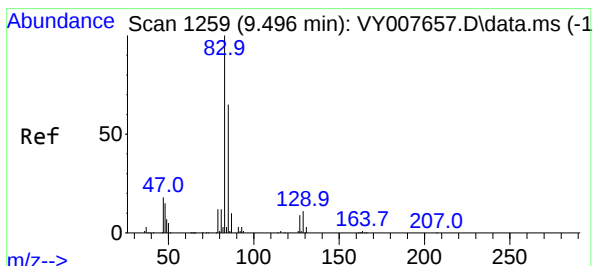
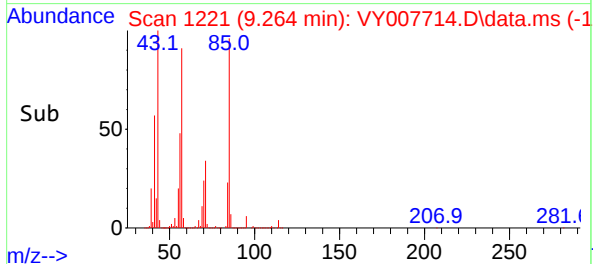
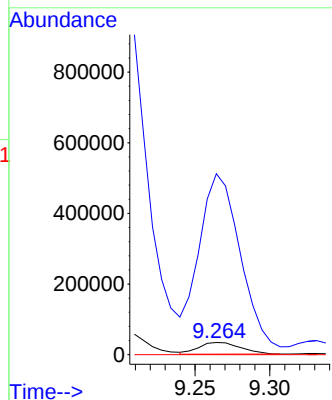
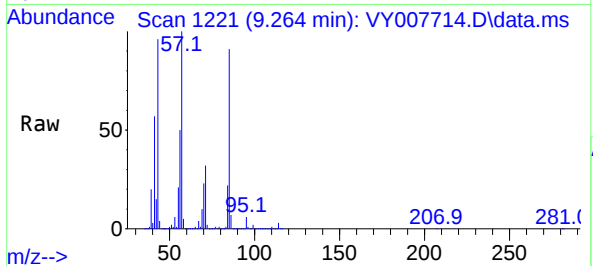




#46
Dibromomethane
Concen: 20.846 ug/l
RT: 9.264 min Scan# 11
Delta R.T. -0.037 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

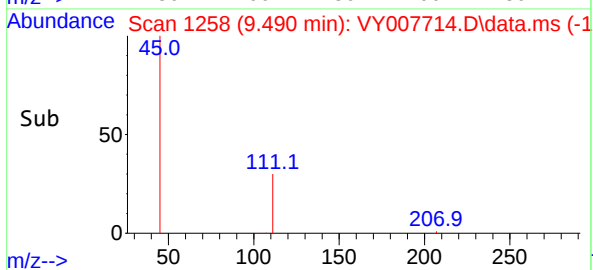
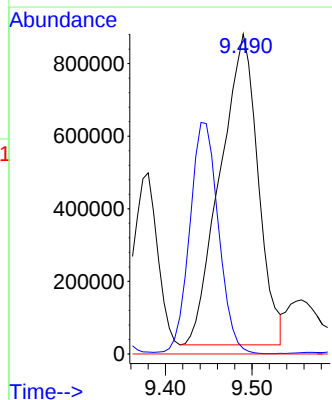
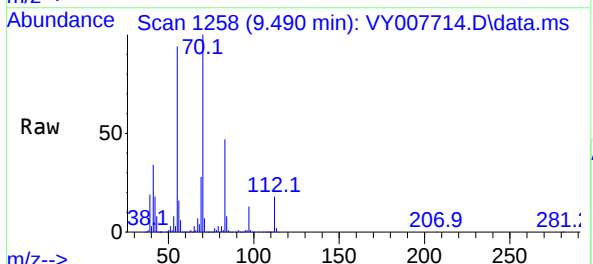
Instrument :
MSVOA_Y
ClientSampleId :

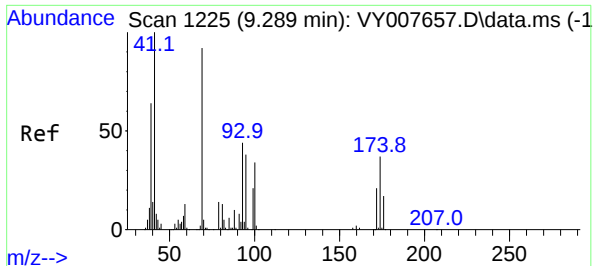
Tgt Ion: 93 Resp: 64031
Ion Ratio Lower Upper
93 100
95 1498.8 64.3 96.5#
174 0.0 83.4 125.0#



#47
Bromodichloromethane
Concen: 360.667 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

Tgt Ion: 83 Resp: 2598428
Ion Ratio Lower Upper
83 100
85 1.5 51.9 77.9#
127 0.0 6.6 10.0#





#48

Methyl methacrylate

Concen: 3614.530 ug/l

RT: 9.258 min Scan# 11

Delta R.T. -0.031 min

Lab File: VY007714.D

Acq: 03 Mar 2022 19:02

Instrument :

MSVOA_Y

ClientSampleId :

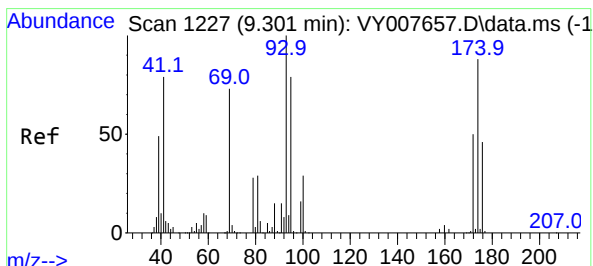
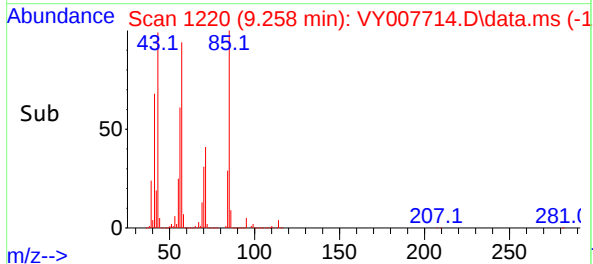
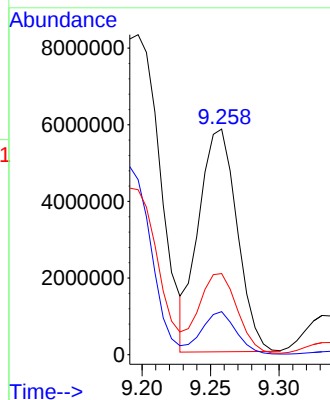
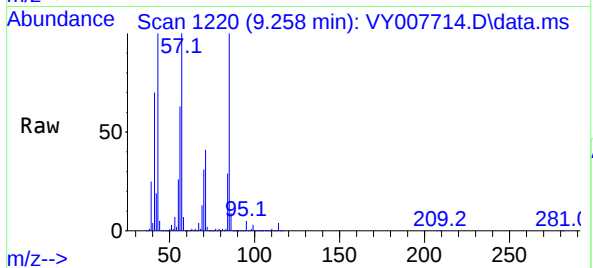
Tgt Ion: 41 Resp:11378513

Ion Ratio Lower Upper

41 100

69 17.1 58.2 87.2#

39 35.8 47.4 71.0#



#49

1,4-Dioxane

Concen: 1.618 ug/l

RT: 9.350 min Scan# 1235

Delta R.T. 0.049 min

Lab File: VY007714.D

Acq: 03 Mar 2022 19:02

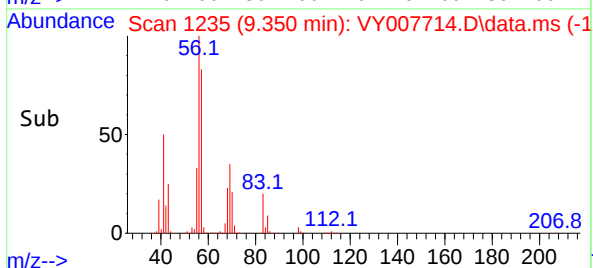
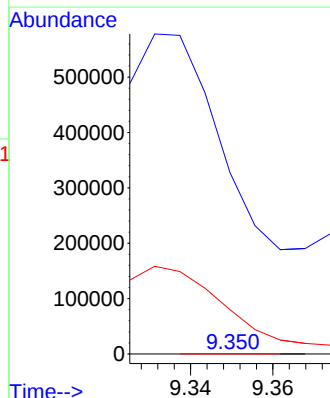
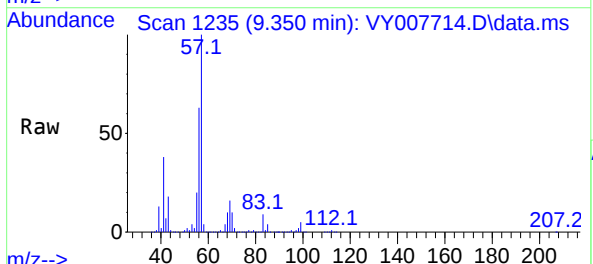
Tgt Ion: 88 Resp: 60

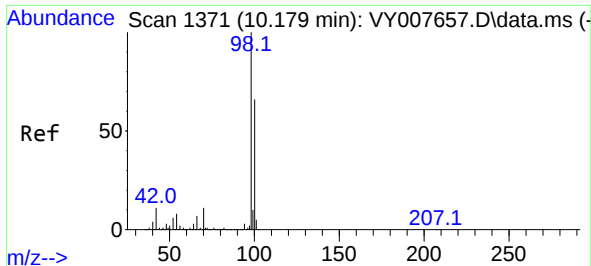
Ion Ratio Lower Upper

88 100

43 1661850.0 32.8 49.2#

58 596905.0 59.8 89.6#

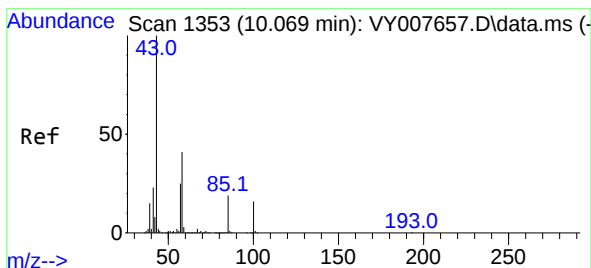
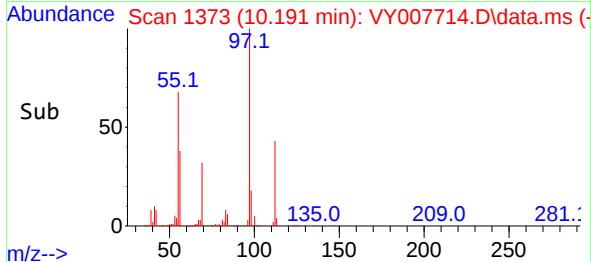
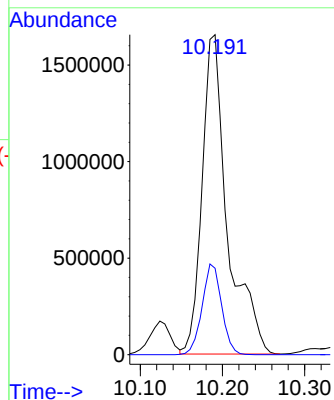
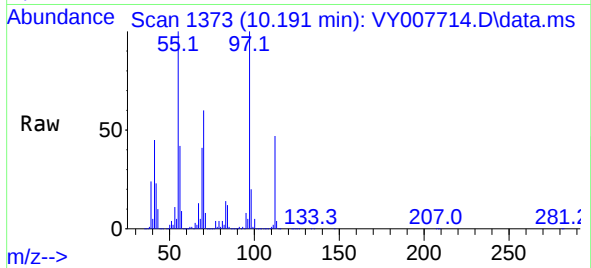




#50
Toluene-d8
Concen: 213.732 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

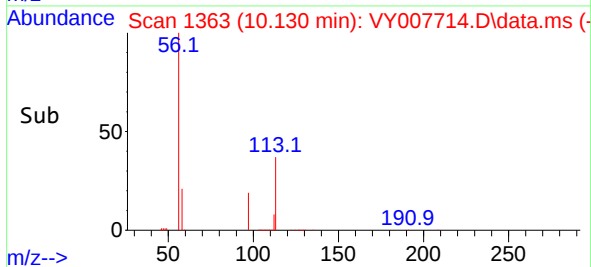
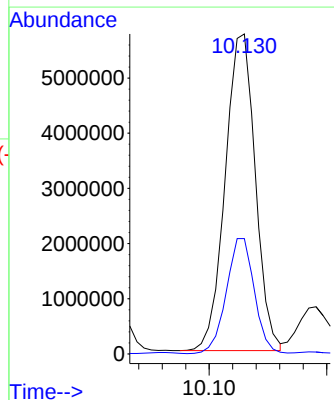
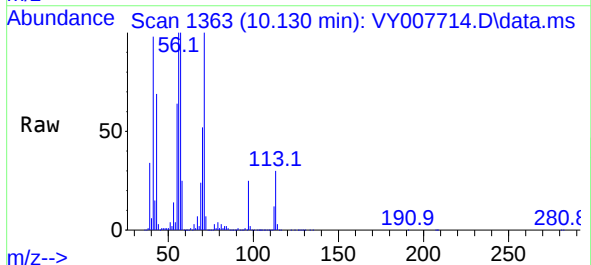
Instrument :
MSVOA_Y
ClientSampleId :

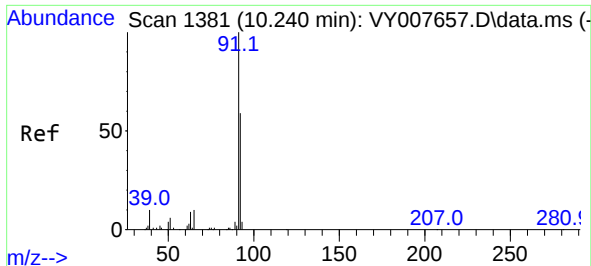
Tgt Ion: 98 Resp: 3556063
Ion Ratio Lower Upper
98 100
100 21.7 50.2 75.2#



#51
4-Methyl-2-Pentanone
Concen: 2626.911 ug/l
RT: 10.130 min Scan# 1363
Delta R.T. 0.061 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

Tgt Ion: 43 Resp: 10208017
Ion Ratio Lower Upper
43 100
58 33.8 28.1 42.1

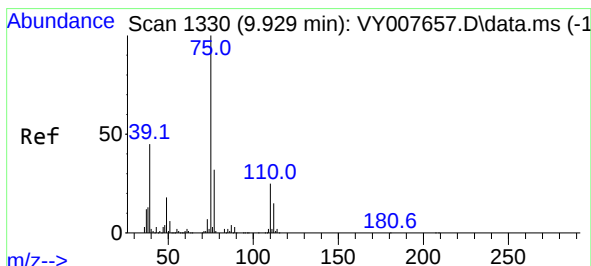
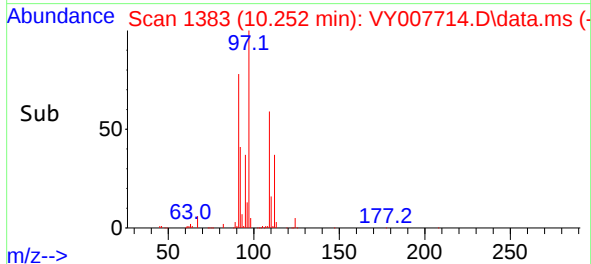
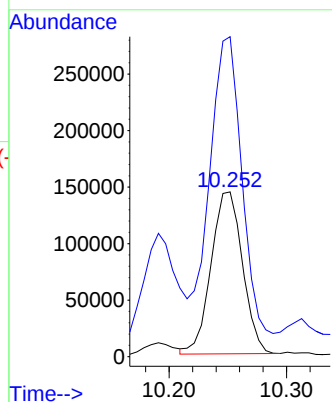
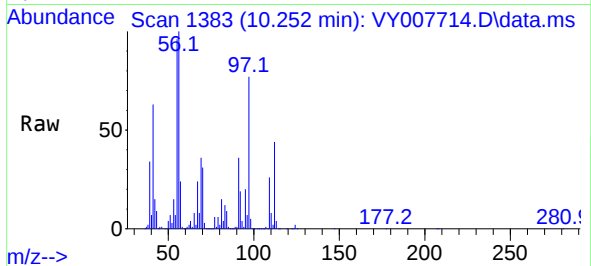




#52
Toluene
Concen: 20.836 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.012 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

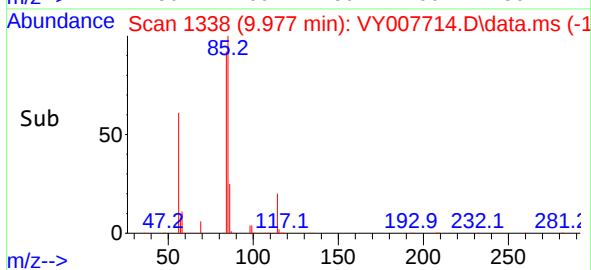
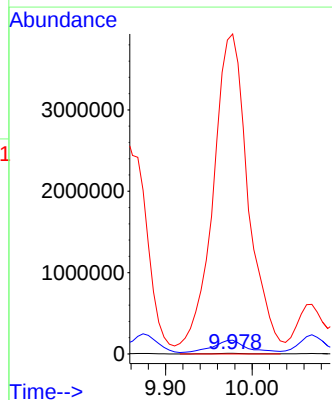
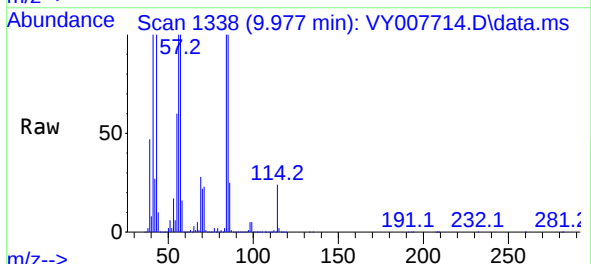
Instrument :
MSVOA_Y
ClientSampleId :

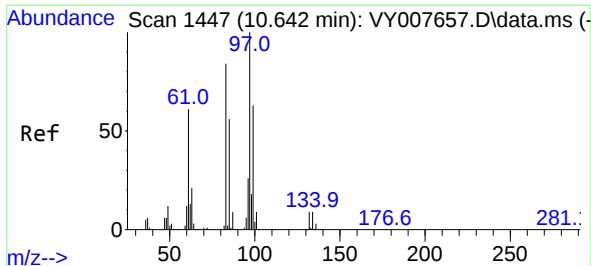
Tgt Ion: 92 Resp: 266594
Ion Ratio Lower Upper
92 100
91 185.1 142.6 213.8



#54
cis-1,3-Dichloropropene
Concen: 2.141 ug/l
RT: 9.977 min Scan# 1338
Delta R.T. 0.048 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

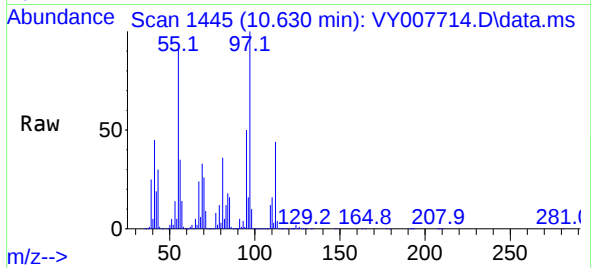
Tgt Ion: 75 Resp: 17495
Ion Ratio Lower Upper
75 100
77 2053.7 25.6 38.4#
39 52042.2 47.6 71.4#





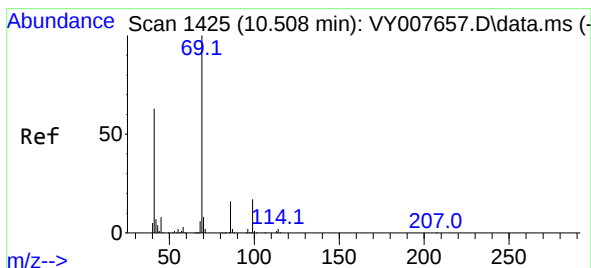
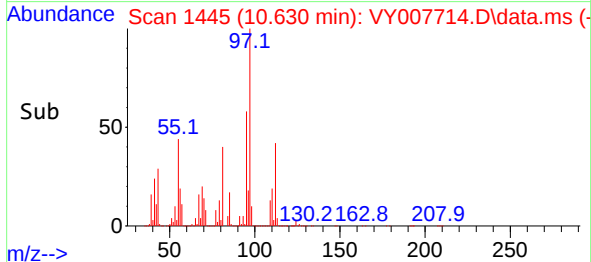
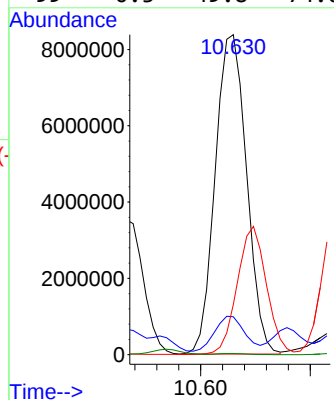
#55
1,1,2-Trichloroethane
Concen: 3978.050 ug/l
RT: 10.630 min Scan# 1445
Delta R.T. -0.012 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 97 Resp:16623579

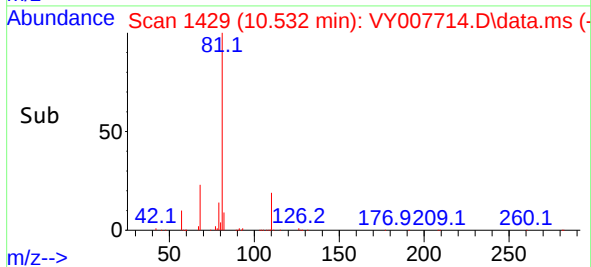
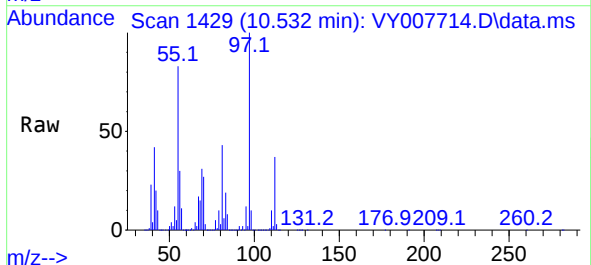
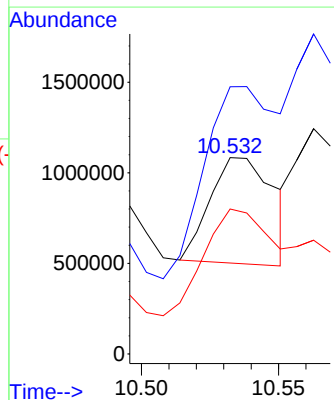
Ion	Ratio	Lower	Upper
97	100		
83	9.7	69.8	104.8#
85	15.6	44.3	66.5#
99	0.3	49.8	74.6#

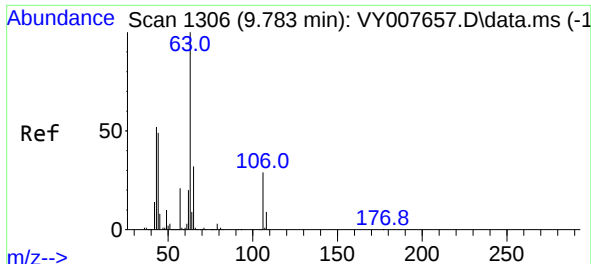


#56
Ethyl methacrylate
Concen: 169.689 ug/l
RT: 10.532 min Scan# 1429
Delta R.T. 0.024 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

Tgt Ion: 69 Resp: 941433

Ion	Ratio	Lower	Upper
69	100		
41	215.6	63.4	95.0#
39	196.5	35.8	53.8#

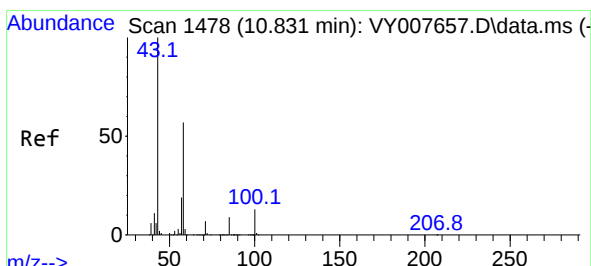
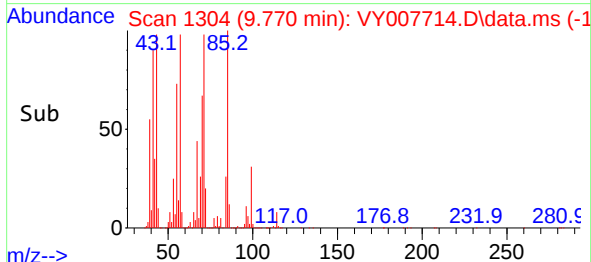
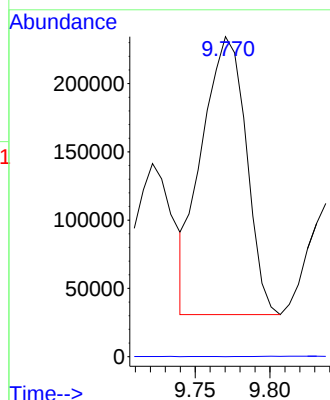
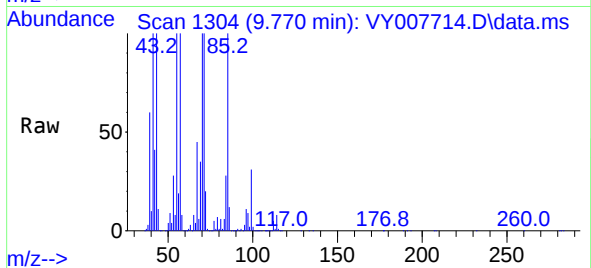




#58
2-Chloroethyl Vinyl ether
Concen: 138.948 ug/l
RT: 9.770 min Scan# 11
Delta R.T. -0.013 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

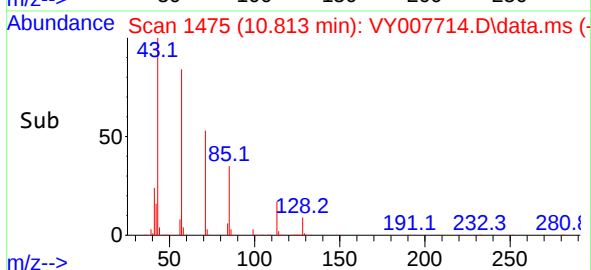
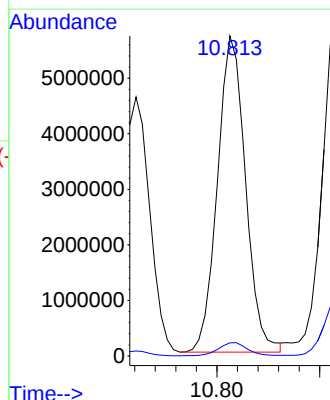
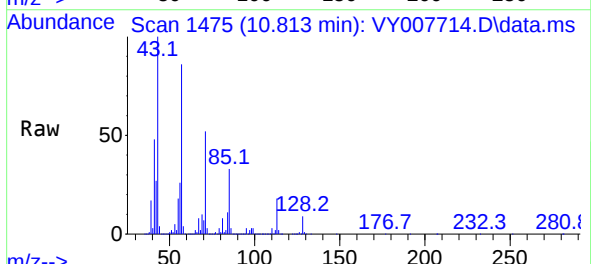
Instrument :
MSVOA_Y
ClientSampleId :

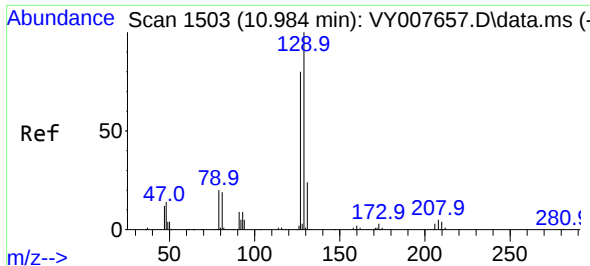
Tgt Ion: 63 Resp: 420408
Ion Ratio Lower Upper
63 100
106 0.1 21.5 32.3#



#59
2-Hexanone
Concen: 4132.346 ug/l
RT: 10.813 min Scan# 1475
Delta R.T. -0.018 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

Tgt Ion: 43 Resp:10813880
Ion Ratio Lower Upper
43 100
58 4.3 24.4 73.4#

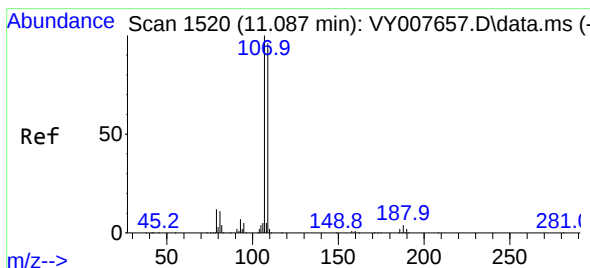
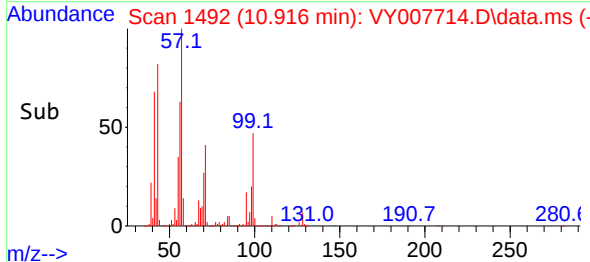
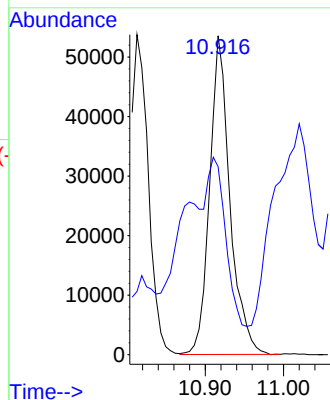
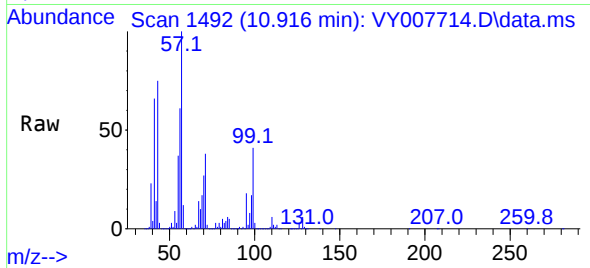




#60
Dibromochloromethane
Concen: 19.305 ug/l
RT: 10.916 min Scan# 14
Delta R.T. -0.068 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

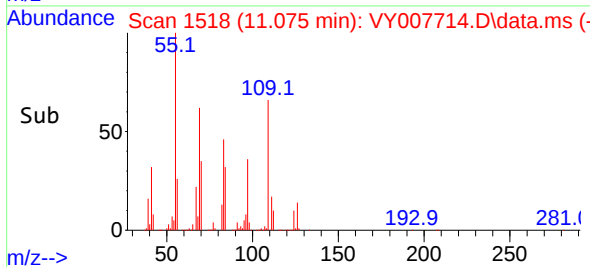
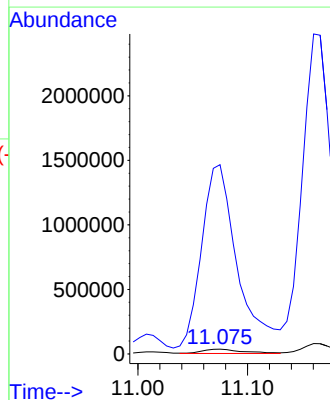
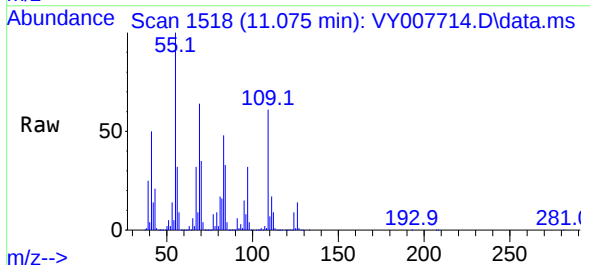
Instrument :
MSVOA_Y
ClientSampleId :

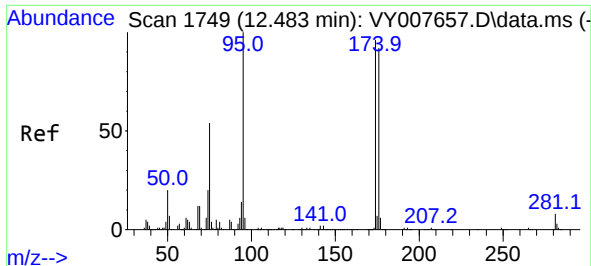
Tgt Ion:129 Resp: 96059
Ion Ratio Lower Upper
129 100
127 46.3 38.7 116.1



#61
1,2-Dibromoethane
Concen: 21.989 ug/l
RT: 11.075 min Scan# 1518
Delta R.T. -0.012 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

Tgt Ion:107 Resp: 87582
Ion Ratio Lower Upper
107 100
109 3666.6 75.4 113.2#

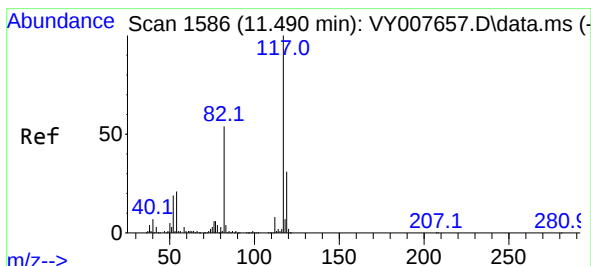
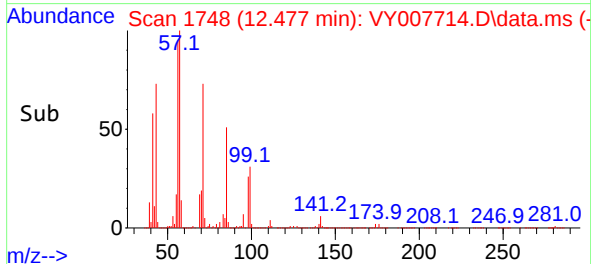
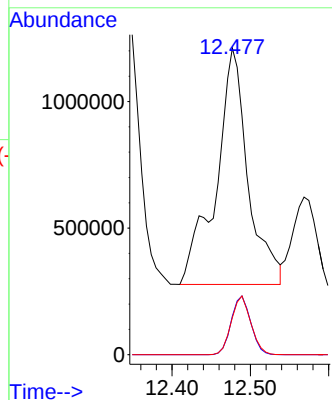
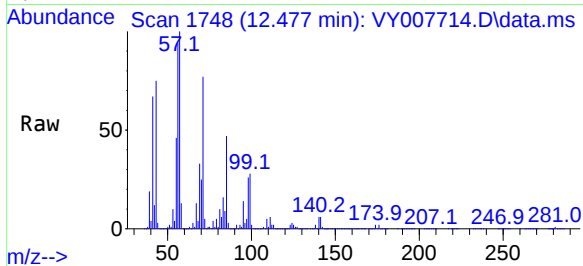




#62
4-Bromofluorobenzene
Concen: 495.001 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

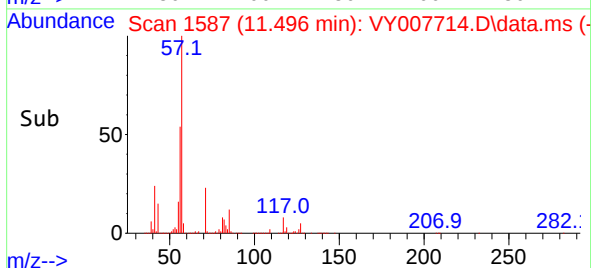
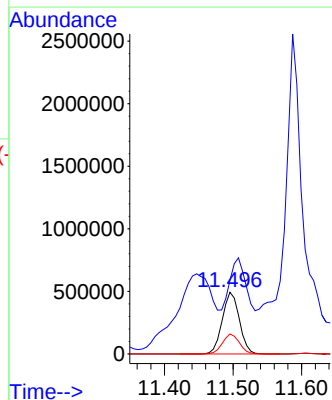
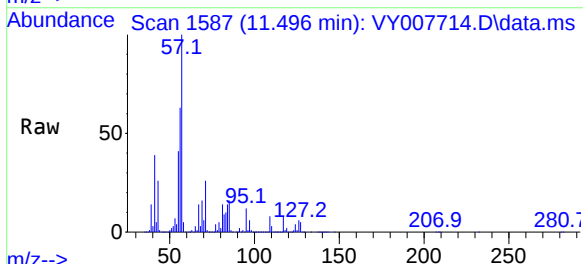
Instrument :
MSVOA_Y
ClientSampleId :

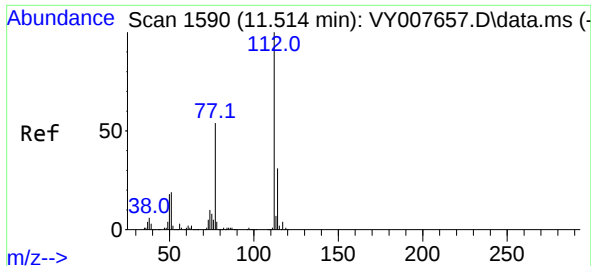
Tgt Ion: 95 Resp: 2654764
Ion Ratio Lower Upper
95 100
174 15.1 0.0 177.0
176 15.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

Tgt Ion: 117 Resp: 848455
Ion Ratio Lower Upper
117 100
82 45.3 43.0 64.4
119 32.3 25.4 38.0

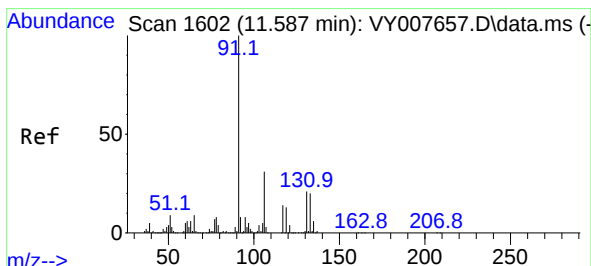
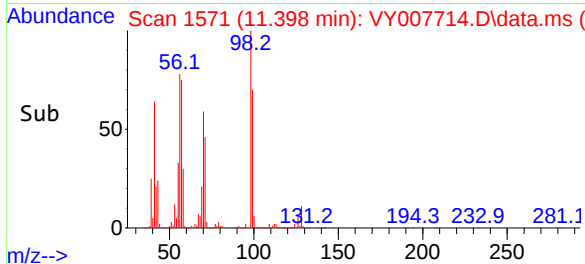
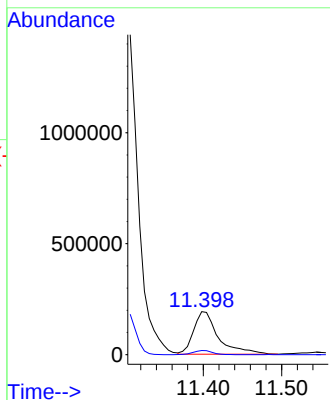
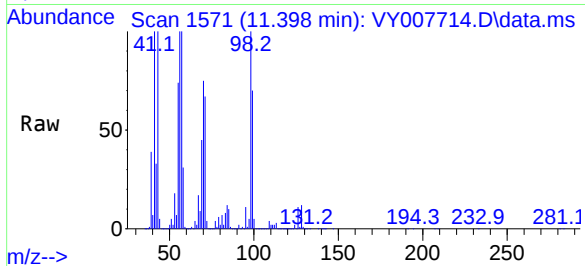




#65
Chlorobenzene
Concen: 22.766 ug/l
RT: 11.398 min Scan# 11
Delta R.T. -0.116 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

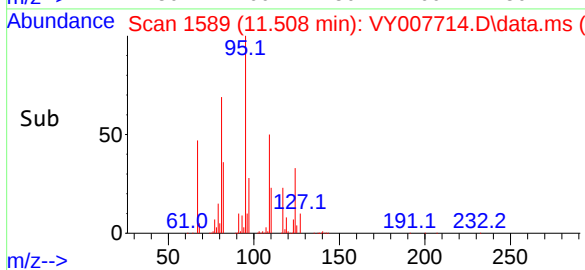
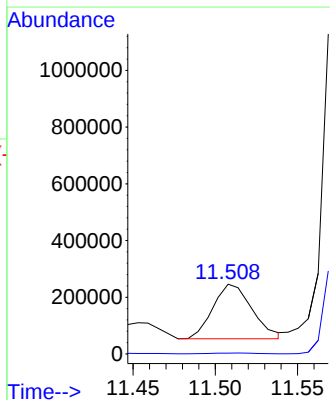
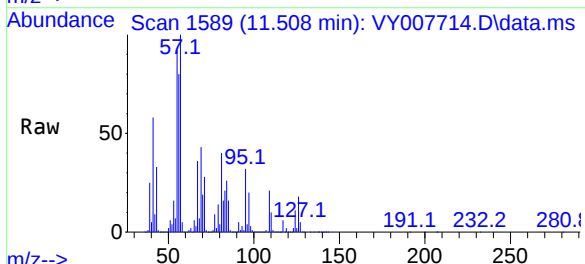
Instrument :
MSVOA_Y
ClientSampleId :

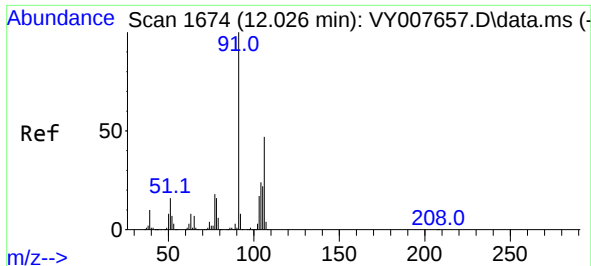
Tgt Ion:112 Resp: 420819
Ion Ratio Lower Upper
112 100
114 9.5 25.8 38.6#



#67
Ethyl Benzene
Concen: 9.549 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. -0.079 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

Tgt Ion: 91 Resp: 318334
Ion Ratio Lower Upper
91 100
106 1.3 24.5 36.7#

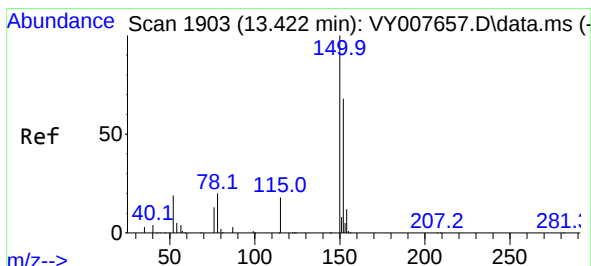
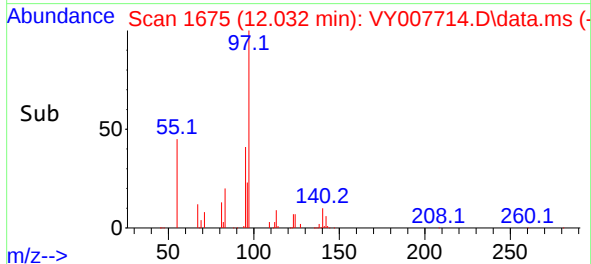
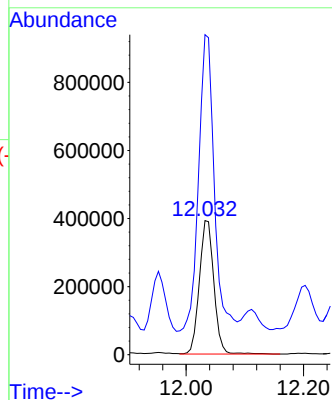
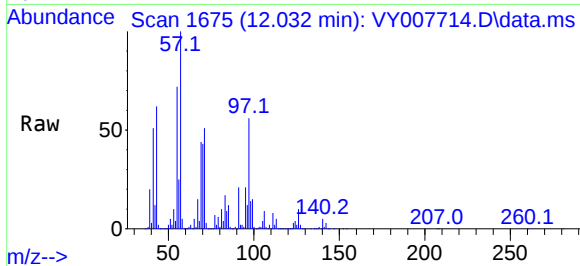




#69
o-Xylene
Concen: 55.610 ug/l
RT: 12.032 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

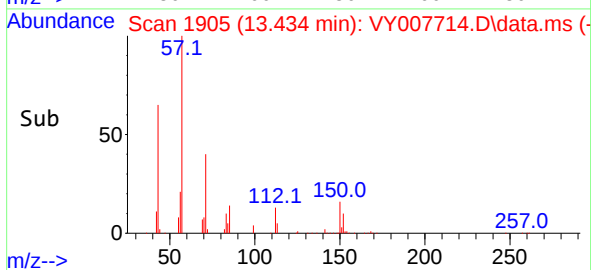
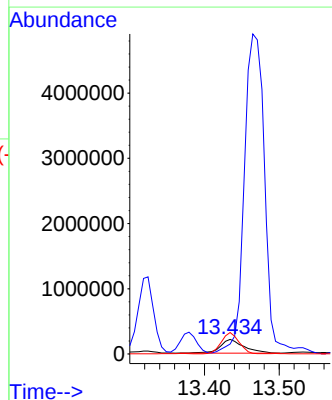
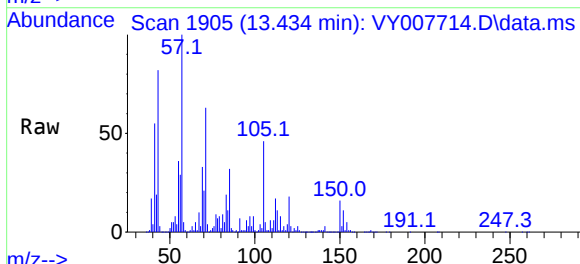
Instrument :
MSVOA_Y
ClientSampleId :

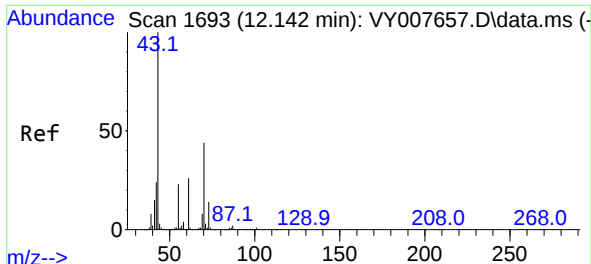
Tgt Ion:106 Resp: 674027
Ion Ratio Lower Upper
106 100
91 239.0 110.3 331.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.012 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

Tgt Ion:152 Resp: 458920
Ion Ratio Lower Upper
152 100
115 0.0 28.2 84.7#
150 117.2 0.0 347.6

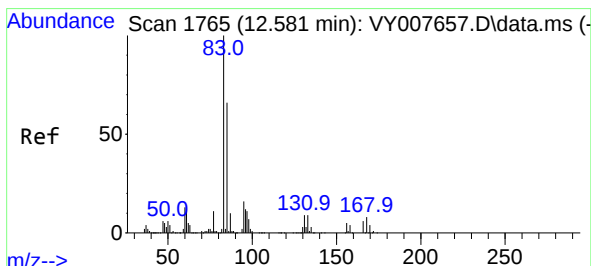
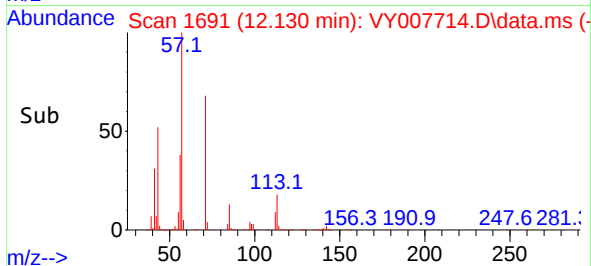
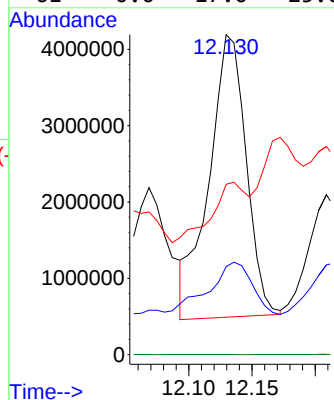
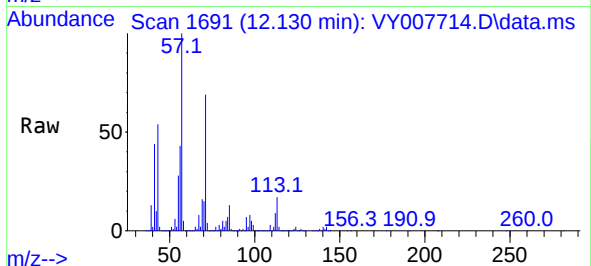




#74
N-amy1 acetate
Concen: 794.339 ug/l
RT: 12.130 min Scan# 1
Delta R.T. -0.012 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

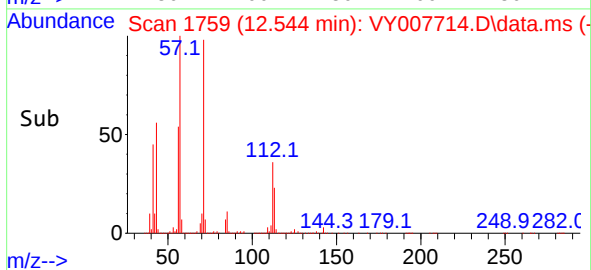
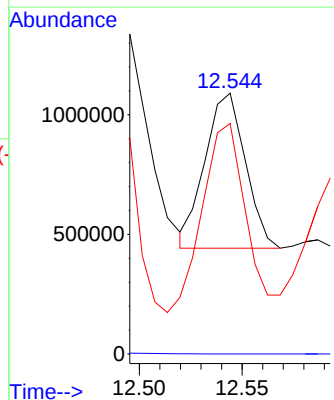
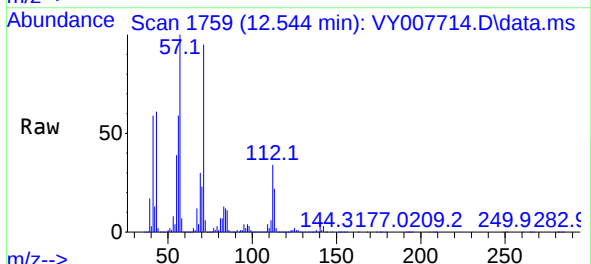
Instrument :
MSVOA_Y
ClientSampleId :

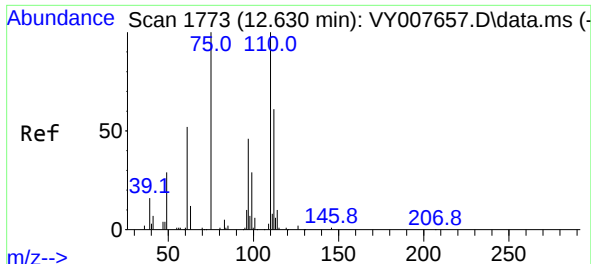
Tgt Ion: 43 Resp: 7559836
Ion Ratio Lower Upper
43 100
70 22.3 28.7 43.1#
55 17.6 17.3 25.9
61 0.0 17.0 25.6#



#75
1,1,2,2-Tetrachloroethane
Concen: 118.084 ug/l
RT: 12.544 min Scan# 1759
Delta R.T. -0.037 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

Tgt Ion: 83 Resp: 885454
Ion Ratio Lower Upper
83 100
131 0.0 5.6 16.8#
85 130.9 32.3 96.8#

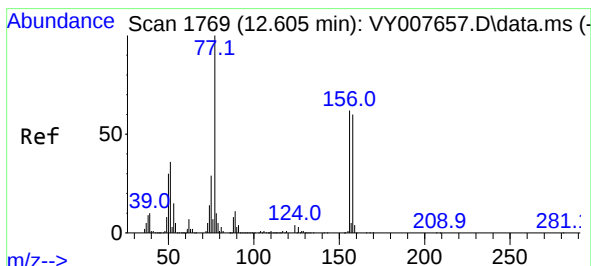
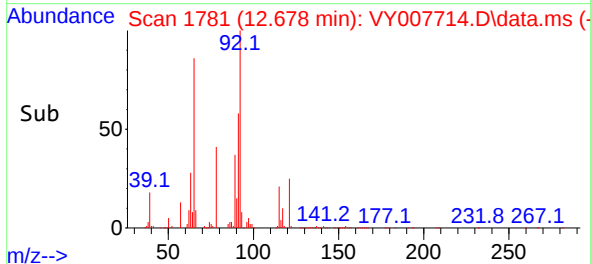
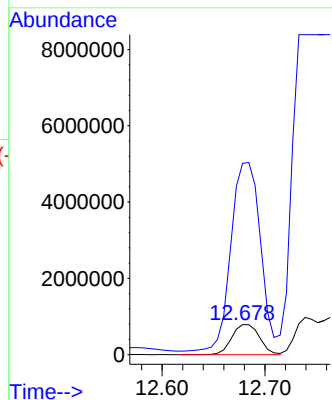
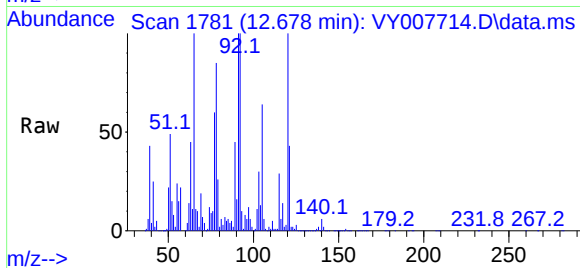




#76
1,2,3-Trichloropropane
Concen: 288.214 ug/l
RT: 12.678 min Scan# 1773
Delta R.T. 0.048 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

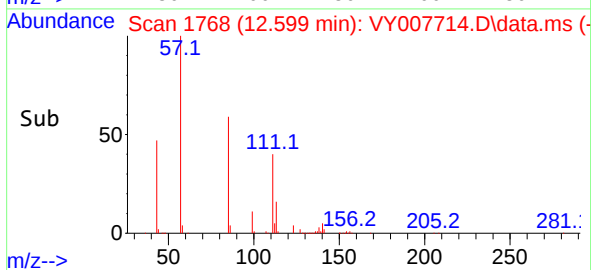
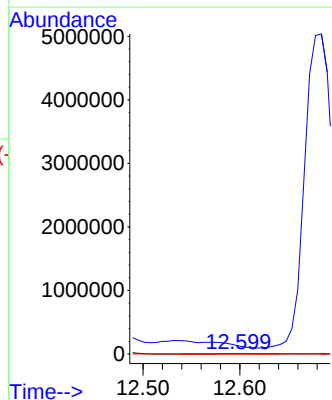
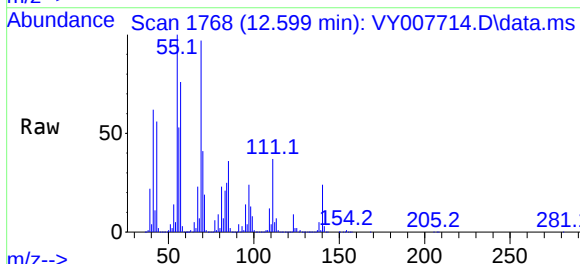
Instrument :
MSVOA_Y
ClientSampleId :

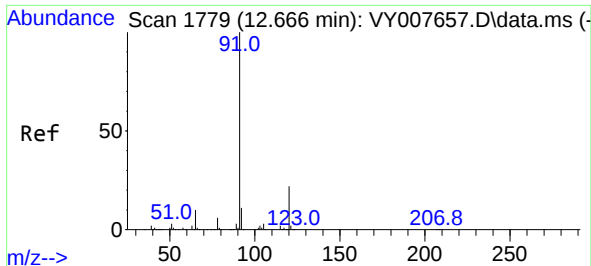
Tgt Ion: 75 Resp: 1477112
Ion Ratio Lower Upper
75 100
77 659.3 0.0 0.0#



#77
Bromobenzene
Concen: 2.433 ug/l
RT: 12.599 min Scan# 1768
Delta R.T. -0.006 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

Tgt Ion:156 Resp: 20034
Ion Ratio Lower Upper
156 100
77 0.0 95.5 286.4#
158 0.6 48.0 144.0#

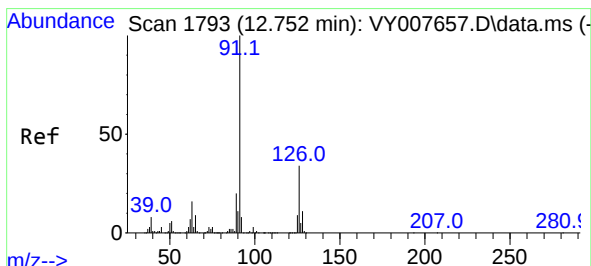
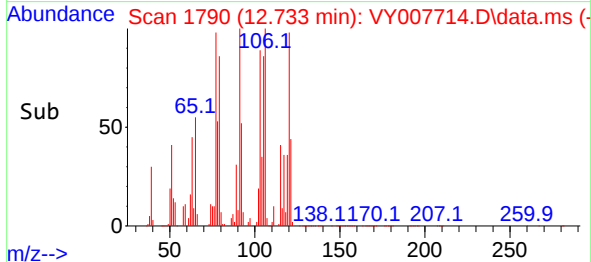
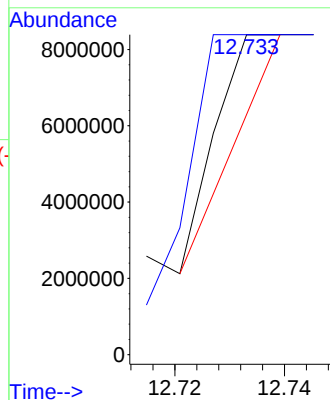
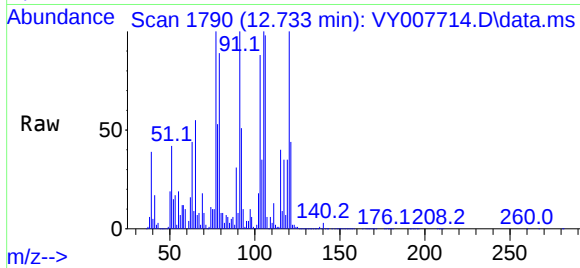




#78
n-propylbenzene
Concen: 57.796 ug/l
RT: 12.733 min Scan# 1790
Delta R.T. 0.067 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

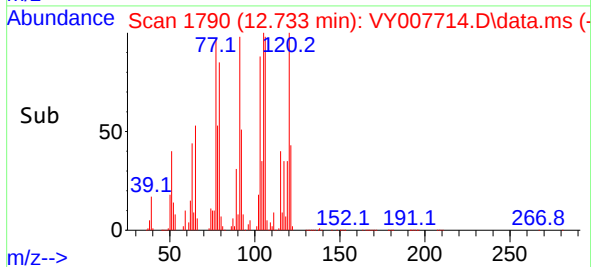
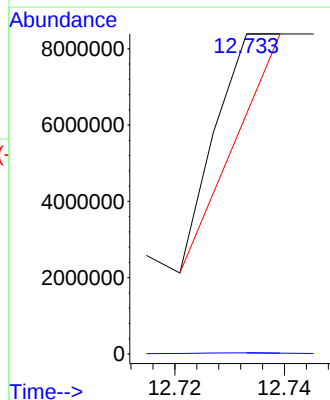
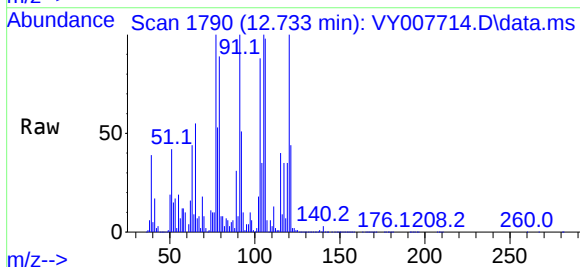
Instrument :
MSVOA_Y
ClientSampleId :

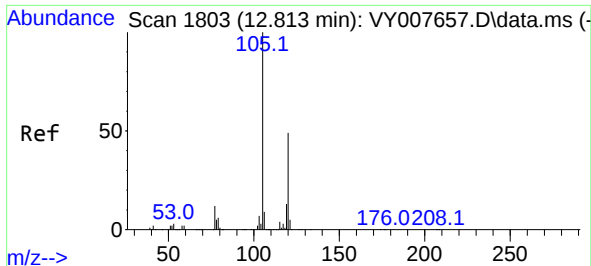
Tgt Ion: 91 Resp: 2493414
Ion Ratio Lower Upper
91 100
120 103.9 11.3 33.9#



#79
2-Chlorotoluene
Concen: 108.007 ug/l
RT: 12.733 min Scan# 1790
Delta R.T. -0.019 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

Tgt Ion: 91 Resp: 2493414
Ion Ratio Lower Upper
91 100
126 1.2 16.9 50.6#

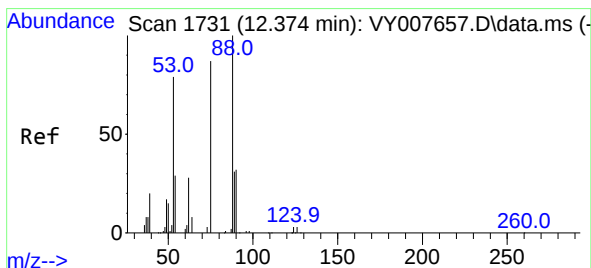
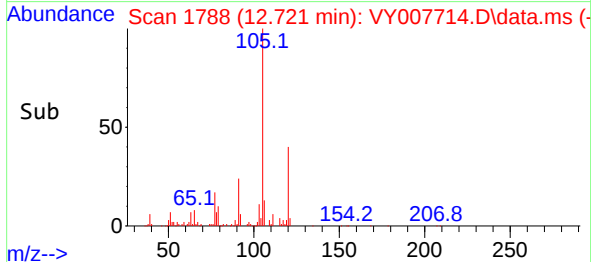
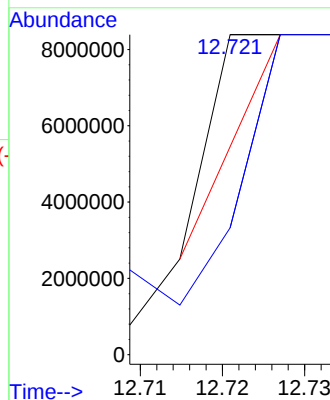
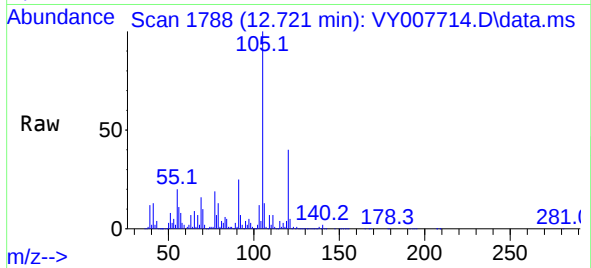




#80
1,3,5-Trimethylbenzene
Concen: 97.430 ug/l
RT: 12.721 min Scan# 11
Delta R.T. -0.092 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

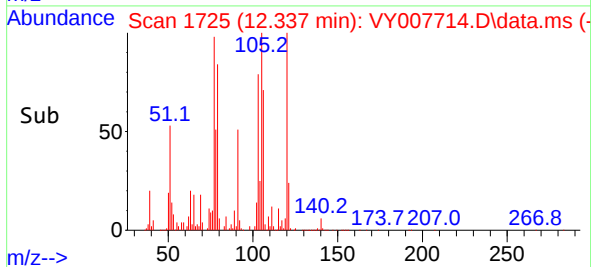
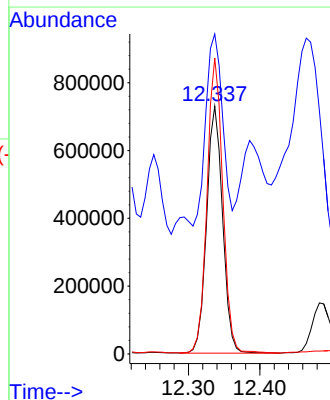
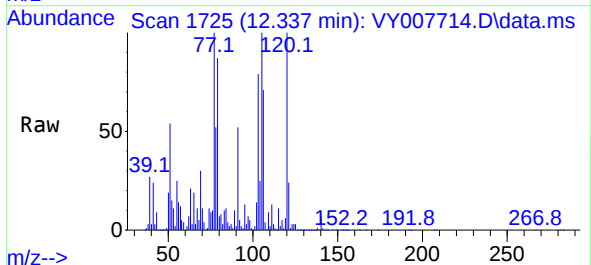
Instrument :
MSVOA_Y
ClientSampleId :

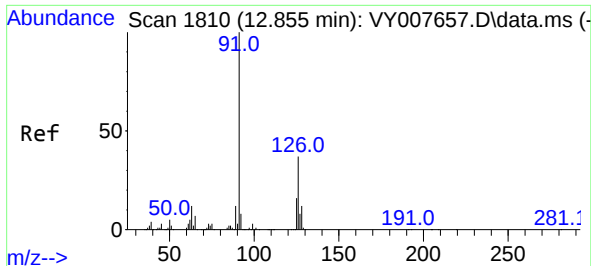
Tgt Ion:105 Resp: 2785301
Ion Ratio Lower Upper
105 100
120 93.0 24.4 73.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 450.308 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. -0.037 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

Tgt Ion: 75 Resp: 1128881
Ion Ratio Lower Upper
75 100
53 112.1 85.3 127.9
89 117.9 37.0 55.4#

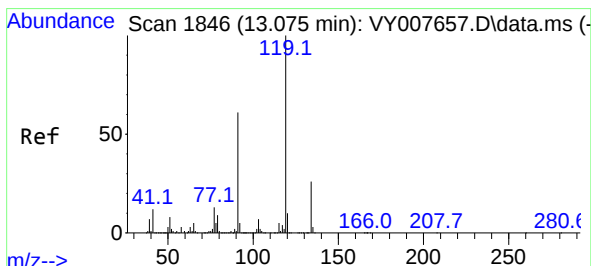
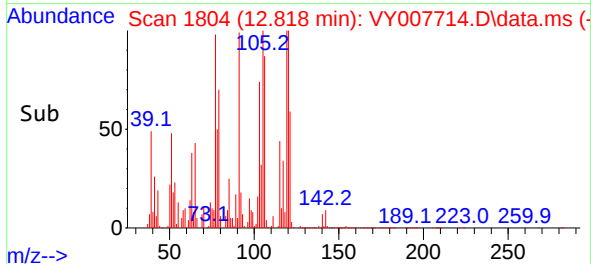
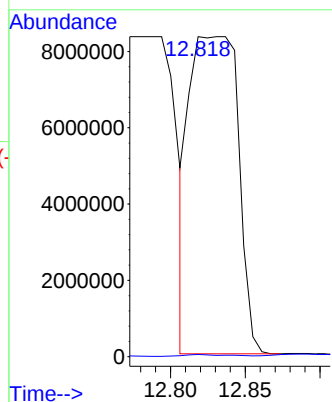
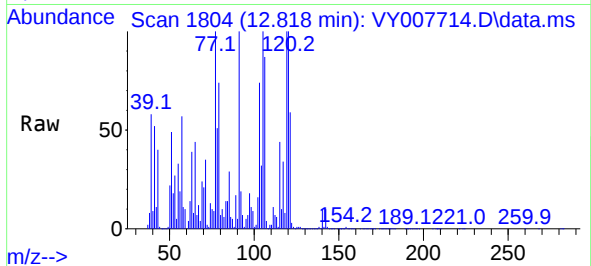




#82
4-Chlorotoluene
Concen: 790.855 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. -0.037 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

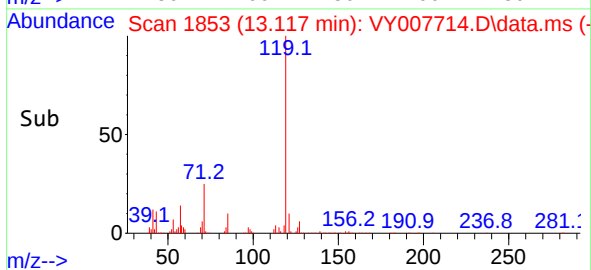
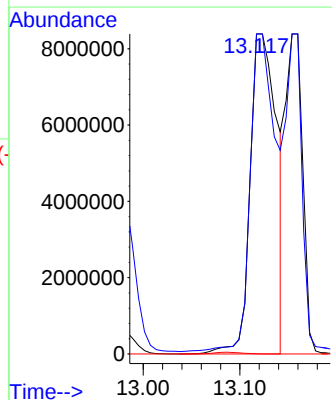
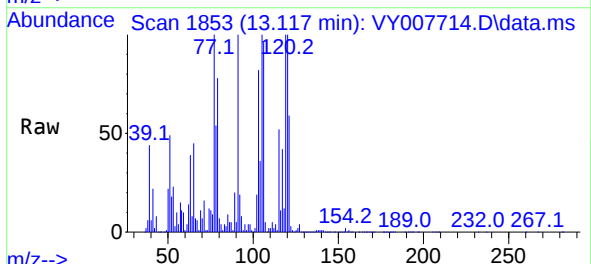
Instrument :
MSVOA_Y
ClientSampleId :

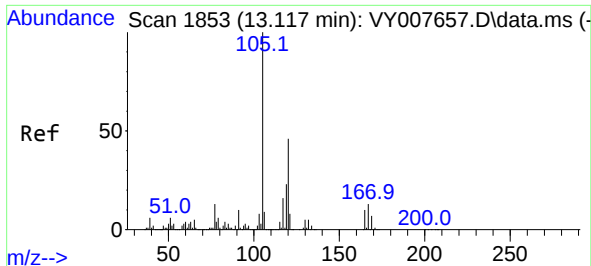
Tgt Ion: 91 Resp:18779431
Ion Ratio Lower Upper
91 100
126 0.5 17.0 51.0#



#83
tert-Butylbenzene
Concen: 611.526 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.042 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

Tgt Ion:119 Resp:16080561
Ion Ratio Lower Upper
119 100
91 94.6 34.8 104.4
134 0.0 13.3 39.9#

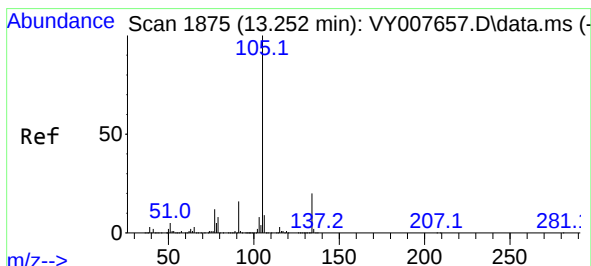
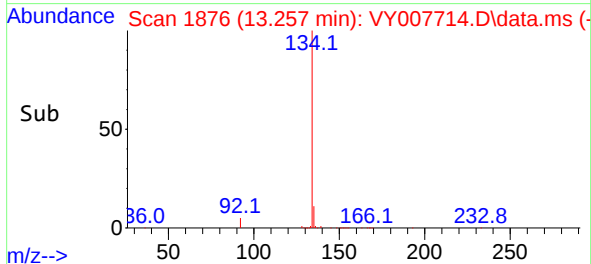
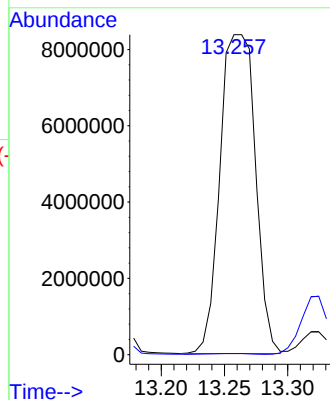
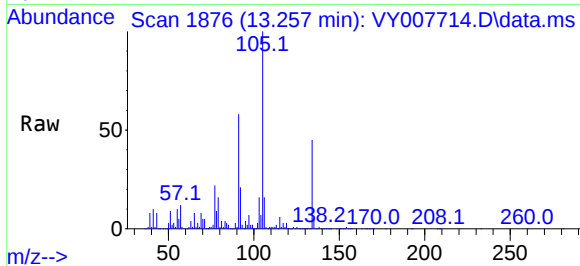




#84
1,2,4-Trimethylbenzene
Concen: 576.423 ug/l
RT: 13.257 min Scan# 1853
Delta R.T. 0.140 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

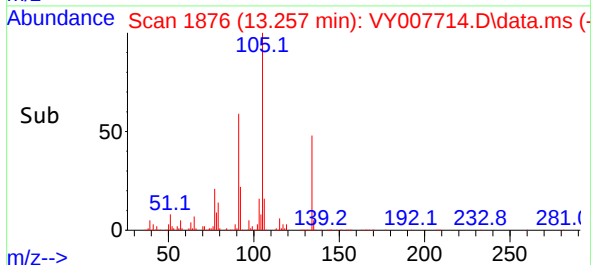
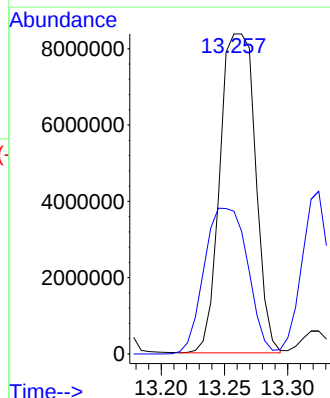
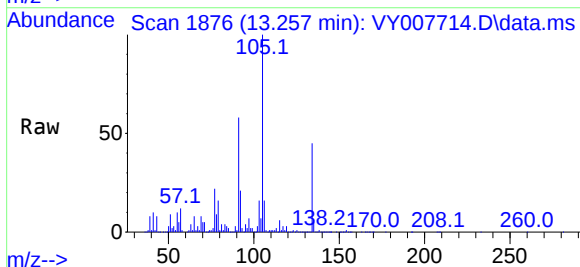
Instrument :
MSVOA_Y
ClientSampleId :

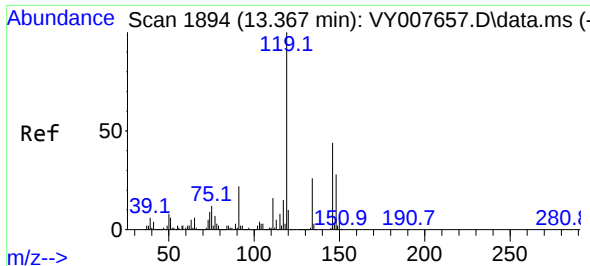
Tgt Ion:105 Resp:16231558
Ion Ratio Lower Upper
105 100
120 0.0 22.3 66.9#



#85
sec-Butylbenzene
Concen: 417.277 ug/l
RT: 13.257 min Scan# 1876
Delta R.T. 0.005 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

Tgt Ion:105 Resp:16231558
Ion Ratio Lower Upper
105 100
134 56.3 10.2 30.4#

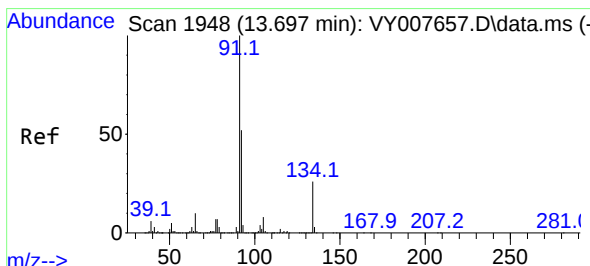
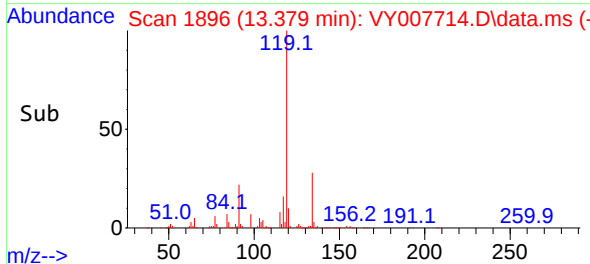
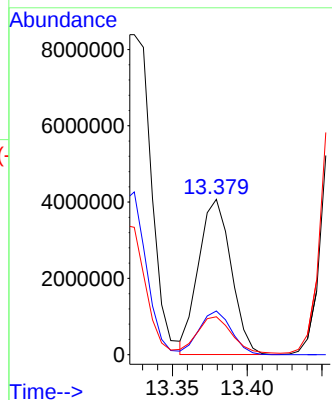
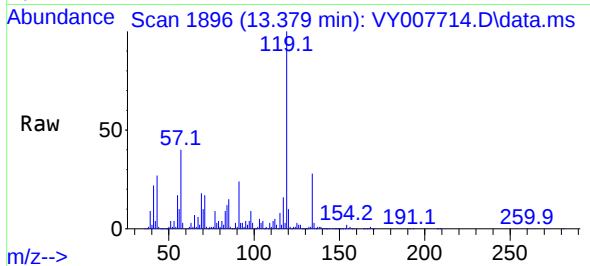




#86
p-Isopropyltoluene
Concen: 192.716 ug/l
RT: 13.379 min Scan# 119
Delta R.T. 0.012 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

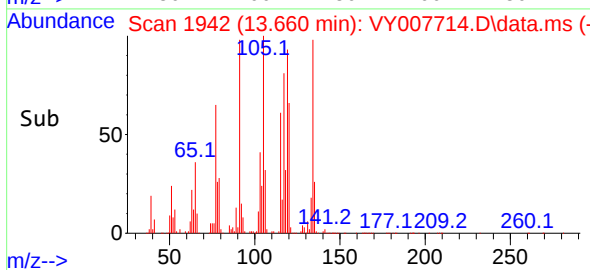
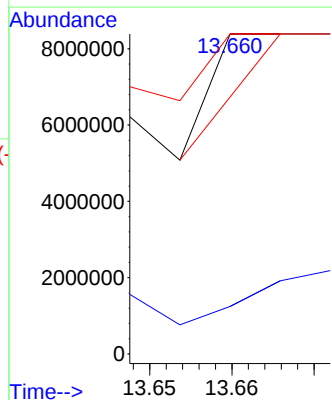
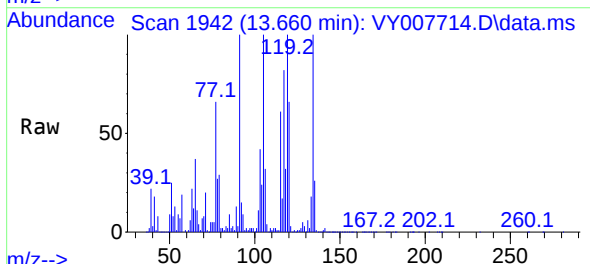
Instrument :
MSVOA_Y
ClientSampleId :

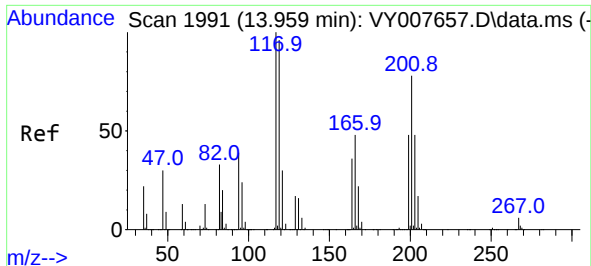
Tgt Ion:119 Resp: 6191509
Ion Ratio Lower Upper
119 100
134 27.7 13.2 39.5
91 24.7 12.4 37.2



#89
n-Butylbenzene
Concen: 39.867 ug/l
RT: 13.660 min Scan# 1942
Delta R.T. -0.037 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

Tgt Ion: 91 Resp: 1210552
Ion Ratio Lower Upper
91 100
92 0.0 26.3 78.9#
134 52.9 13.0 38.9#

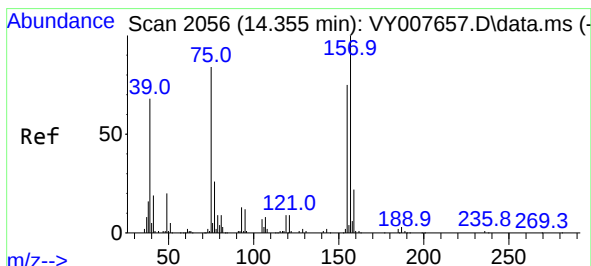
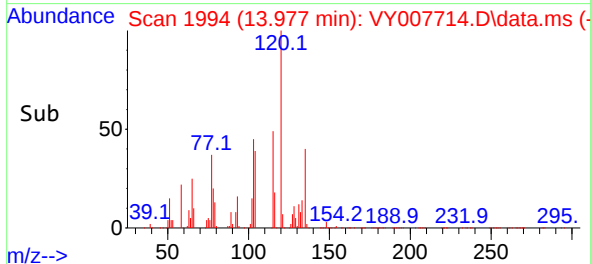
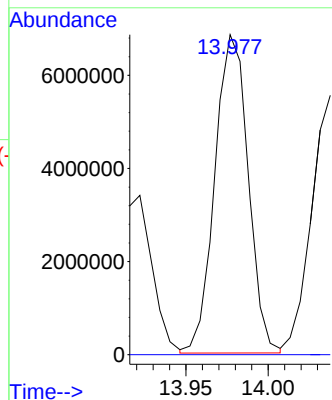
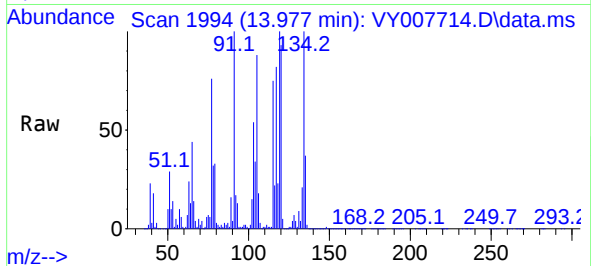




#90
Hexachloroethane
Concen: 1583.317 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.018 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

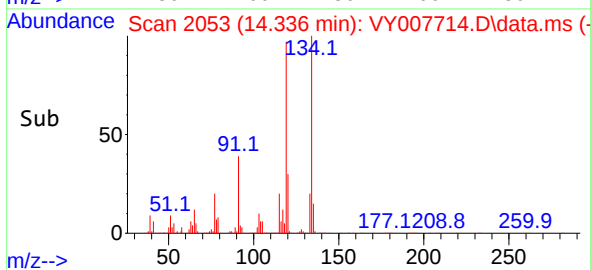
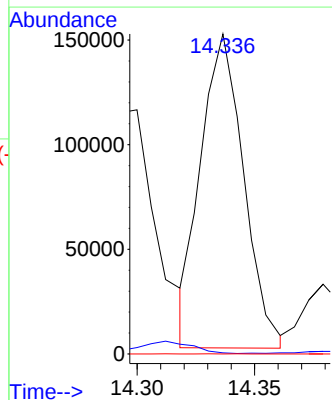
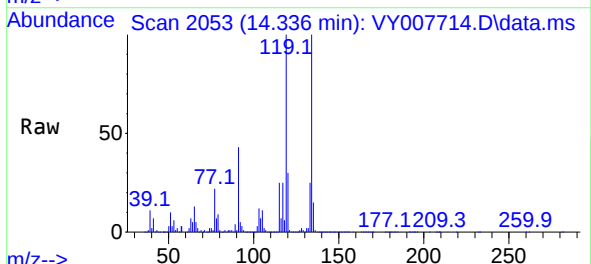
Instrument :
MSVOA_Y
ClientSampleId :

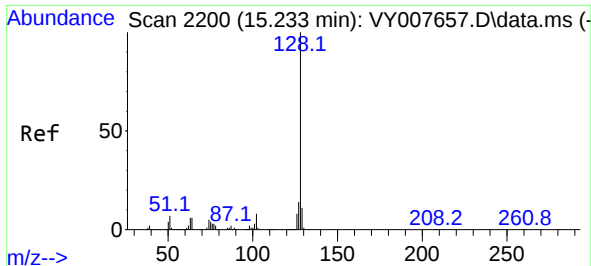
Tgt Ion:117 Resp: 9642294
Ion Ratio Lower Upper
117 100
201 0.0 43.0 128.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 167.368 ug/l
RT: 14.336 min Scan# 2053
Delta R.T. -0.019 min
Lab File: VY007714.D
Acq: 03 Mar 2022 19:02

Tgt Ion: 75 Resp: 190062
Ion Ratio Lower Upper
75 100
155 0.0 38.0 113.9#
157 0.0 47.8 143.3#





#95

Naphthalene

Concen: 295.095 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

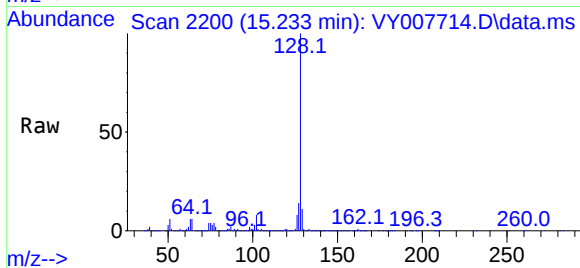
Lab File: VY007714.D

Acq: 03 Mar 2022 19:02

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:128 Resp: 5530201

Ion Ratio Lower Upper

128 100

127 13.8 11.0 16.4

129 11.3 8.4 12.6

