

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072722\
 Data File : VY009717.D
 Acq On : 27 Jul 2022 12:21
 Operator : KP/MD
 Sample : N3914-01
 Misc : 5.84g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 METRO-DISP

Quant Time: Jul 28 02:44:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	161379	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	294036	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	246317	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90099	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	71106	68.063	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.120%	
35) Dibromofluoromethane	7.710	113	68346	42.738	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 85.480%	
50) Toluene-d8	10.179	98	267398	58.101	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 116.200%	
62) 4-Bromofluorobenzene	12.483	95	82408	38.863	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 77.720%	

Target Compounds			Qvalue			
11) Tert butyl alcohol	4.942	59	1423	8.175	ug/l #	77
16) Acetone	3.936	43	10475	27.148	ug/l #	89
17) Carbon Disulfide	4.180	76	30813	7.264	ug/l	97
18) Methyl Acetate	4.472	43	338	Below Cal	#	74
20) Methylene Chloride	4.710	84	15865	Below Cal		84
23) Vinyl Acetate	6.070	43	416	7.603	ug/l #	75
25) 2-Butanone	6.978	43	4885	8.582	ug/l	95
29) Tetrahydrofuran	7.332	42	483	1.340	ug/l #	62
31) Cyclohexane	7.777	56	9105	3.546	ug/l #	70
36) 1,1-Dichloropropene	7.783	75	11035	4.241	ug/l #	51
38) Carbon Tetrachloride	7.783	117	14387	5.160	ug/l #	15
39) Methylcyclohexane	9.179	83	32075	9.951	ug/l	94
40) Benzene	8.155	78	1147332	148.809	ug/l	97
42) 1,2-Dichloroethane	8.155	62	9379	4.363	ug/l #	79
48) Methyl methacrylate	9.234	41	2010	1.696	ug/l #	57
51) 4-Methyl-2-Pentanone	10.173	43	3567	2.602	ug/l #	48
52) Toluene	10.240	92	240001	49.696	ug/l	95
55) 1,1,2-Trichloroethane	10.618	97	11266	7.154	ug/l #	20
56) Ethyl methacrylate	10.514	69	5209	2.655	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.758	63	1022	24.870	ug/l #	48
59) 2-Hexanone	10.801	43	26444	27.069	ug/l #	34
67) Ethyl Benzene	11.587	91	17825941	2086.488	ug/l #	59
68) m/p-Xylenes	11.709	106	1780944	525.129	ug/l	91
69) o-Xylene	12.032	106	6684894	2107.749	ug/l	77
70) Styrene	12.032	104	395697	74.234	ug/l #	1
73) Isopropylbenzene	12.331	105	4590741	766.473	ug/l	98
74) N-amyl acetate	12.123	43	75110	48.551	ug/l #	64
75) 1,1,2,2-Tetrachloroethane	12.526	83	3375	2.865	ug/l #	1
76) 1,2,3-Trichloropropane	12.672	75	8090	9.667	ug/l #	100
78) n-propylbenzene	12.672	91	1496750	210.284	ug/l	98
79) 2-Chlorotoluene	12.770	91	2276464	565.120	ug/l #	44
80) 1,3,5-Trimethylbenzene	12.812	105	7542939	1519.556	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.331	75	50290	119.780	ug/l #	51
82) 4-Chlorotoluene	12.812	91	847896	202.339	ug/l #	41
83) tert-Butylbenzene	13.123	119	995551	223.173	ug/l #	70
84) 1,2,4-Trimethylbenzene	13.123	105	7379642	1474.980	ug/l	93

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

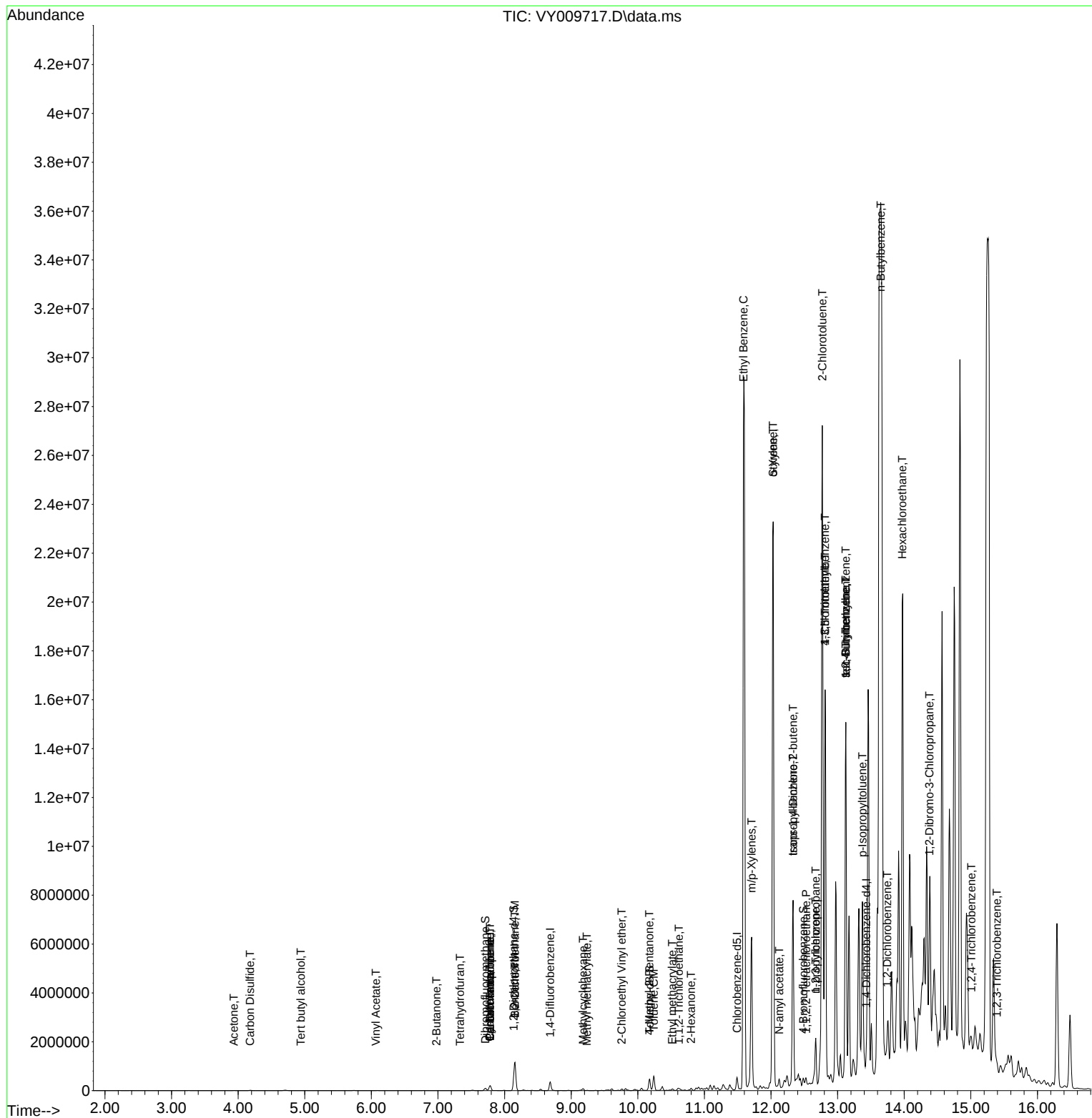
85) sec-Butylbenzene	13.123	105	7379642	1126.737	ug/l #	56
86) p-Isopropyltoluene	13.373	119	3490125	630.033	ug/l	98
89) n-Butylbenzene	13.648	91	9127208	1798.418	ug/l #	40
90) Hexachloroethane	13.971	117	1227176	1126.165	ug/l #	6
91) 1,2-Dichlorobenzene	13.745	146	3435	1.281	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.379	75	38719	195.586	ug/l #	9
93) 1,2,4-Trichlorobenzene	15.007	180	3479	2.055	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.391	180	7042	4.756	ug/l #	1

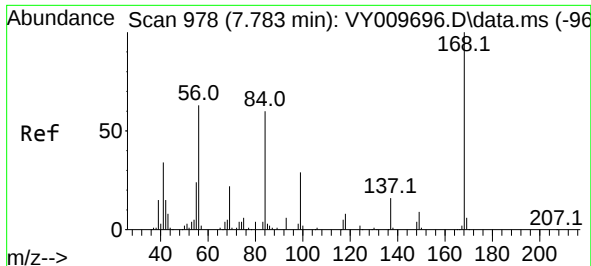
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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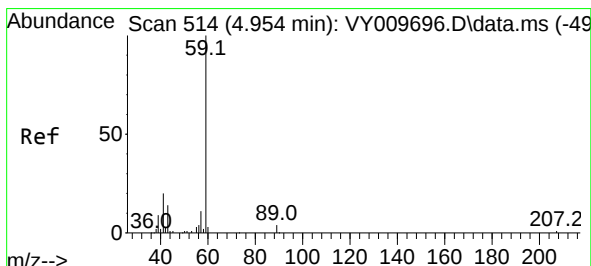
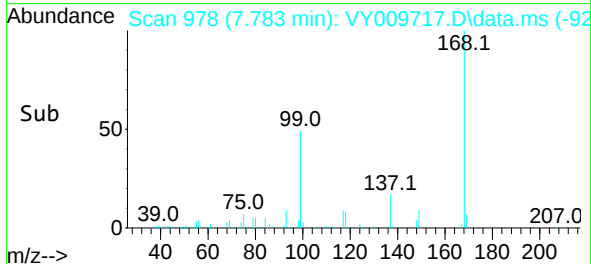
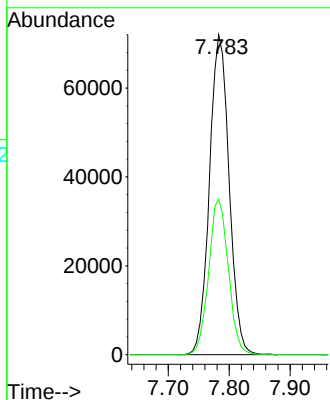
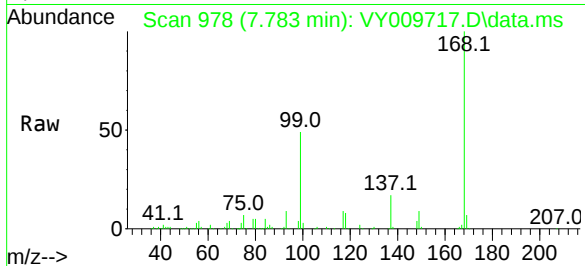




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009717.D
Acq: 27 Jul 2022 12:21

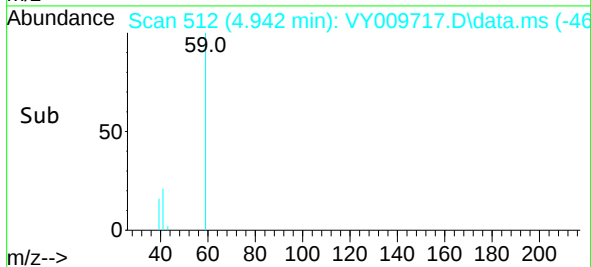
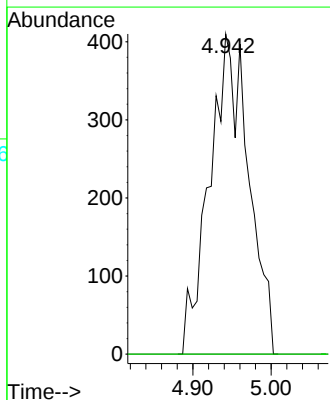
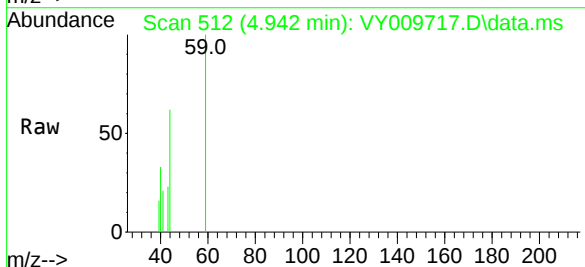
Instrument :
MSVOA_Y
ClientSampleId :
METRO-DISP

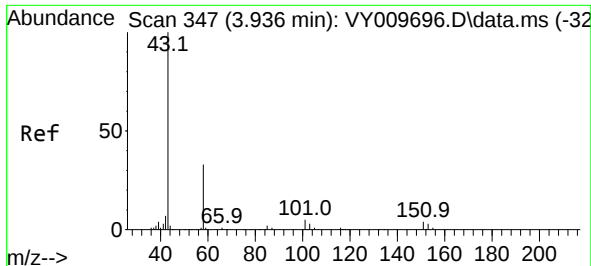
Tgt Ion:168 Resp: 161379
Ion Ratio Lower Upper
168 100
99 48.6 46.9 70.3



#11
Tert butyl alcohol
Concen: 8.175 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY009717.D
Acq: 27 Jul 2022 12:21

Tgt Ion: 59 Resp: 1423
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#16

Acetone

Concen: 27.148 ug/l

RT: 3.936 min Scan# 347

Delta R.T. -0.000 min

Lab File: VY009717.D

Acq: 27 Jul 2022 12:21

Instrument :

MSVOA_Y

ClientSampleId :

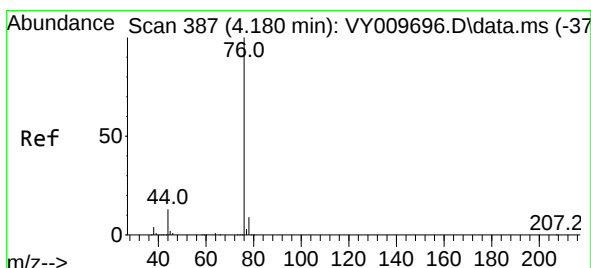
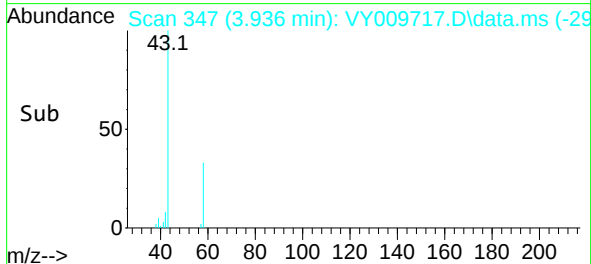
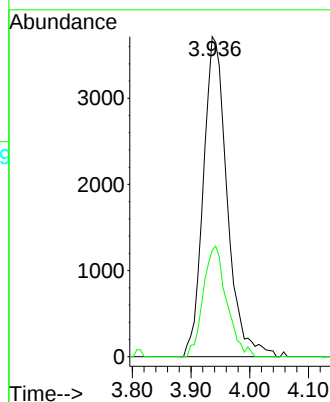
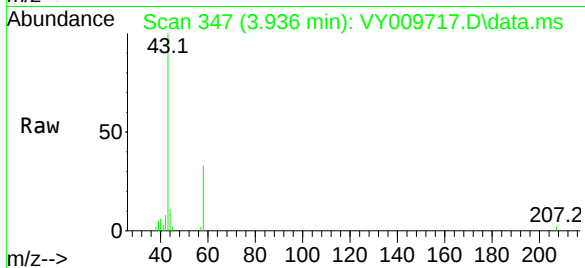
METRO-DISP

Tgt Ion: 43 Resp: 10475

Ion Ratio Lower Upper

43 100

58 33.2 22.0 33.0#



#17

Carbon Disulfide

Concen: 7.264 ug/l

RT: 4.180 min Scan# 387

Delta R.T. -0.000 min

Lab File: VY009717.D

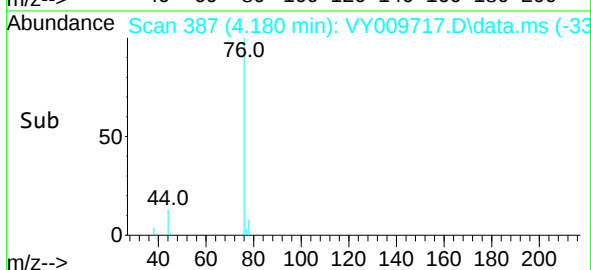
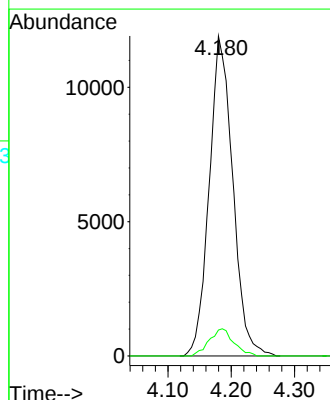
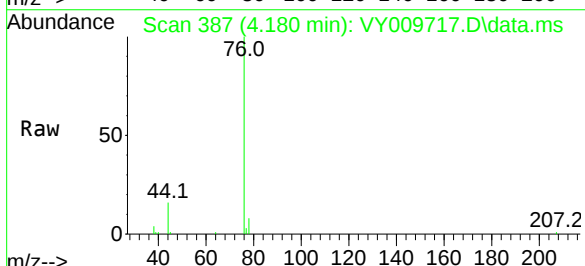
Acq: 27 Jul 2022 12:21

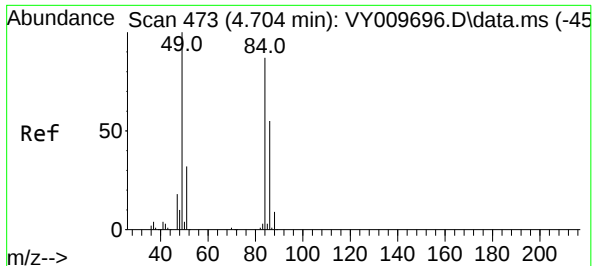
Tgt Ion: 76 Resp: 30813

Ion Ratio Lower Upper

76 100

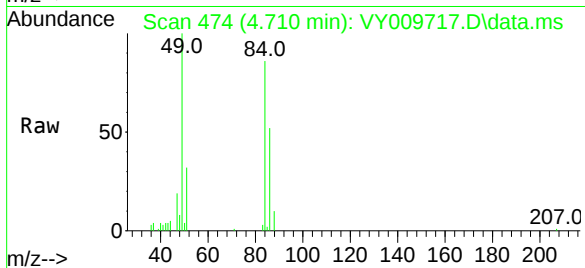
78 8.1 7.4 11.0





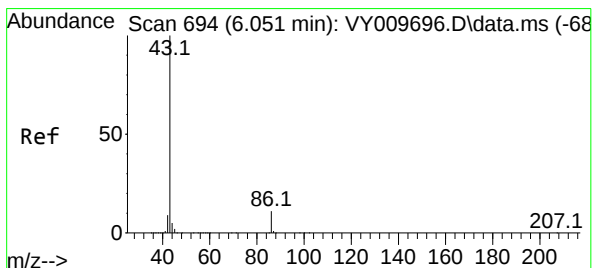
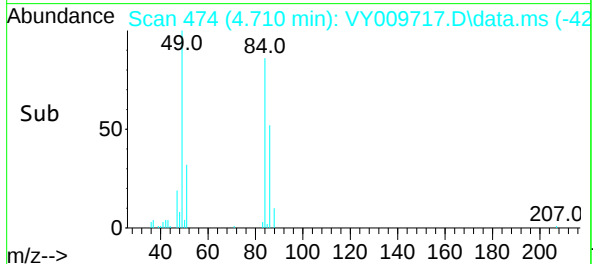
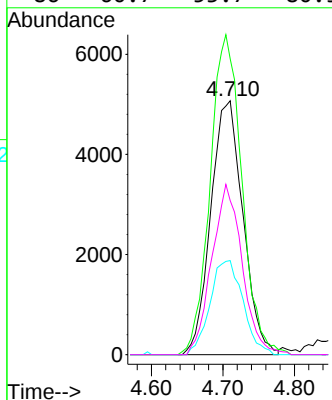
#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY009717.D
Acq: 27 Jul 2022 12:21

Instrument :
MSVOA_Y
ClientSampleId :
METRO-DISP



Tgt Ion: 84 Resp: 15865

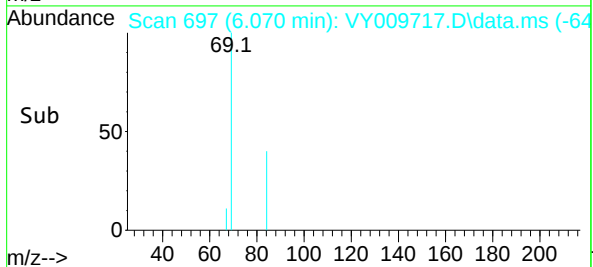
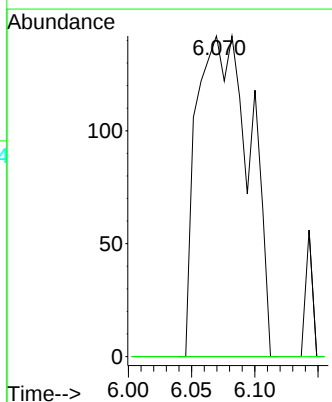
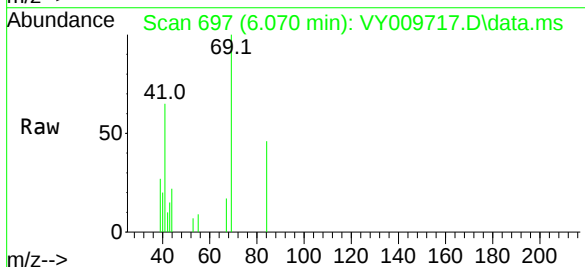
Ion	Ratio	Lower	Upper
84	100		
49	116.5	114.4	171.6
51	37.0	35.3	52.9
86	60.7	53.7	80.5

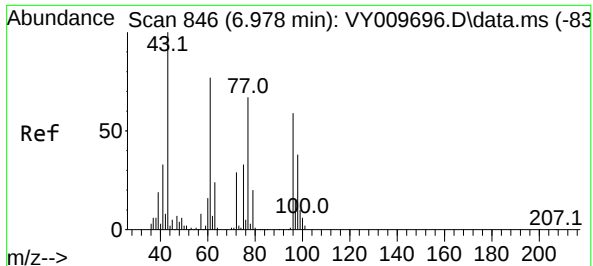


#23
Vinyl Acetate
Concen: 7.603 ug/l
RT: 6.070 min Scan# 697
Delta R.T. 0.019 min
Lab File: VY009717.D
Acq: 27 Jul 2022 12:21

Tgt Ion: 43 Resp: 416

Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.1	10.7#





#25

2-Butanone

Concen: 8.582 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY009717.D

Acq: 27 Jul 2022 12:21

Instrument :

MSVOA_Y

ClientSampleId :

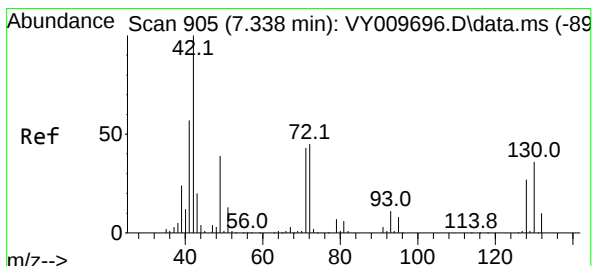
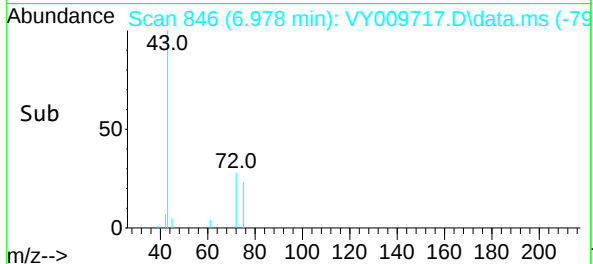
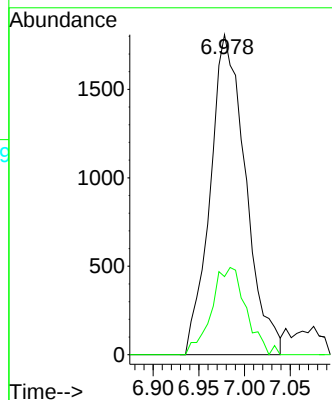
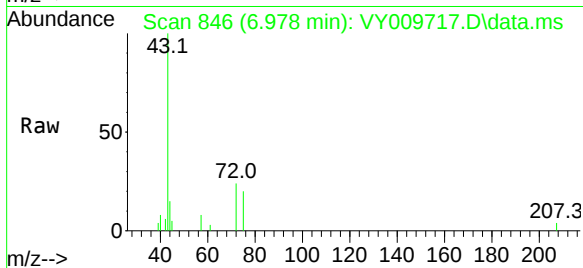
METRO-DISP

Tgt Ion: 43 Resp: 4885

Ion Ratio Lower Upper

43 100

72 24.4 17.7 26.5



#29

Tetrahydrofuran

Concen: 1.340 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.006 min

Lab File: VY009717.D

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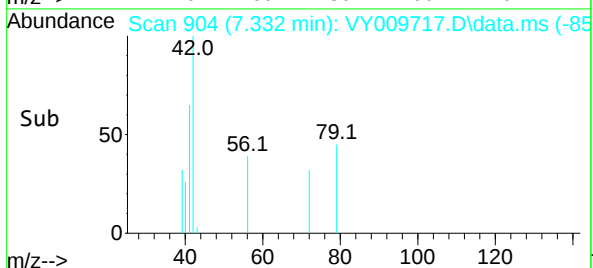
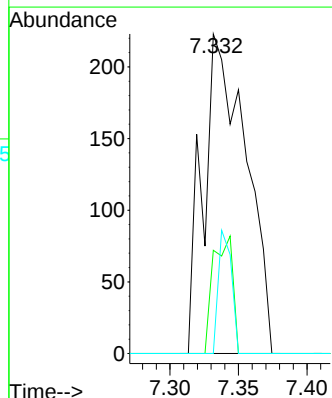
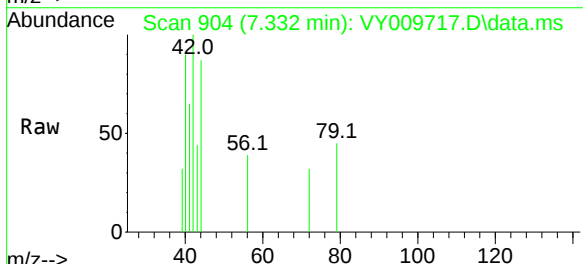
Tgt Ion: 42 Resp: 483

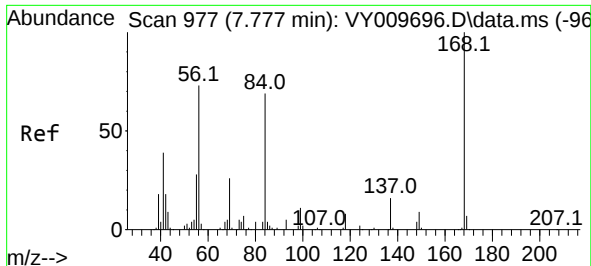
Ion Ratio Lower Upper

42 100

72 16.8 30.3 45.5#

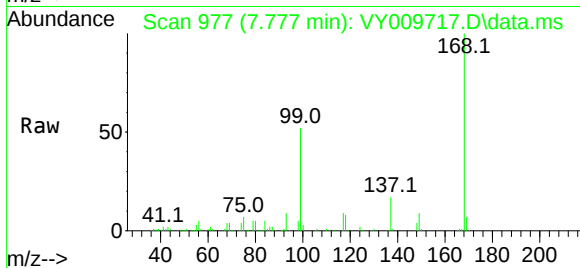
71 11.8 29.0 43.4#



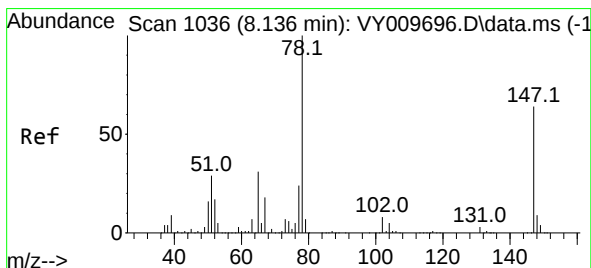
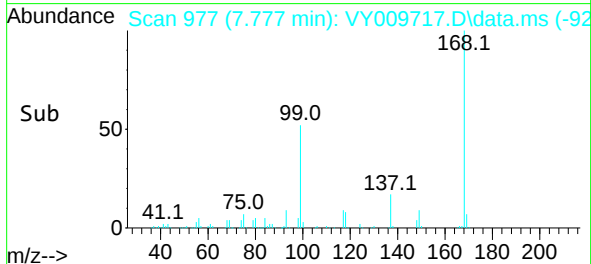
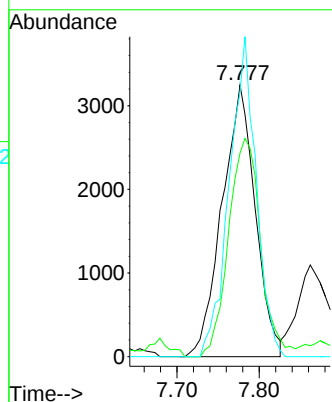


#31
Cyclohexane
Concen: 3.546 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
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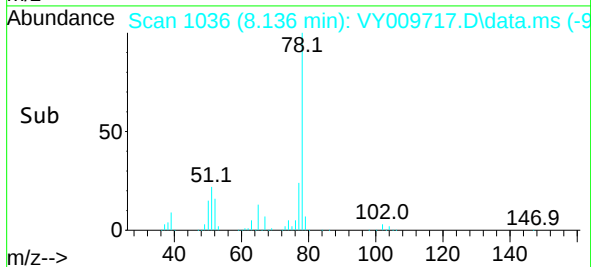
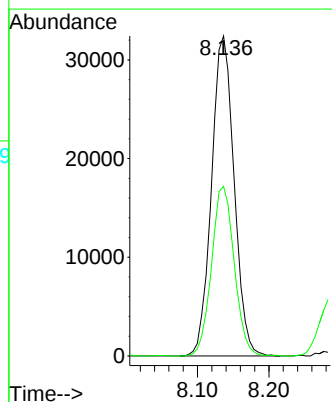
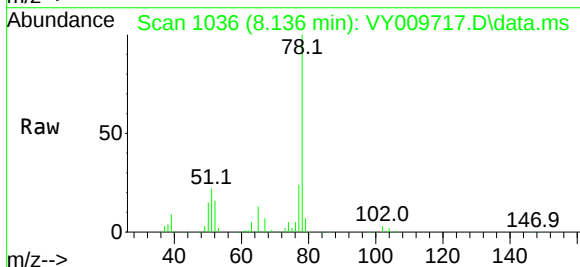


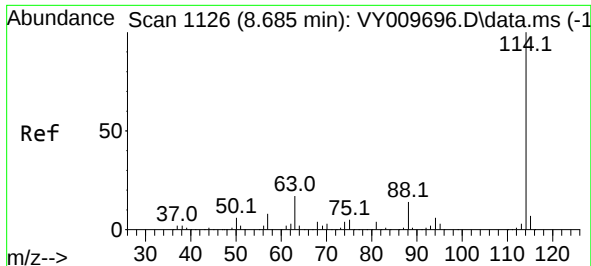
Tgt Ion: 56 Resp: 9105
Ion Ratio Lower Upper
56 100
69 72.4 26.7 40.1#
84 97.2 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 68.063 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009717.D
Acq: 27 Jul 2022 12:21

Tgt Ion: 65 Resp: 71106
Ion Ratio Lower Upper
65 100
67 53.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009717.D

Acq: 27 Jul 2022 12:21

Instrument :

MSVOA_Y

ClientSampleId :

METRO-DISP

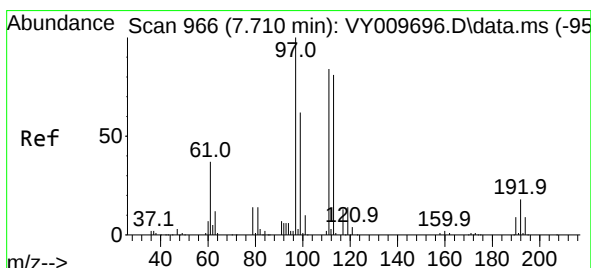
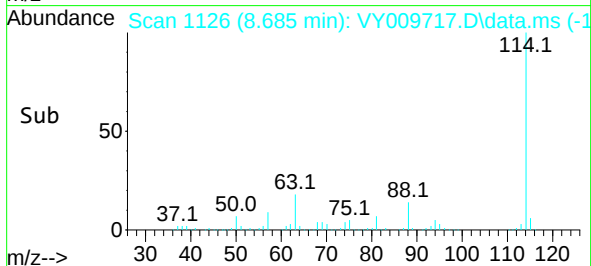
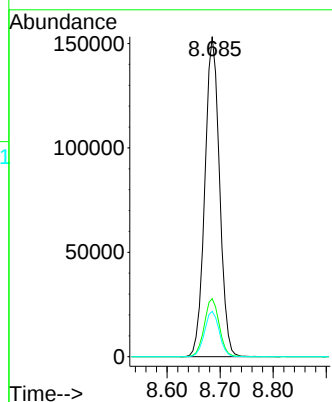
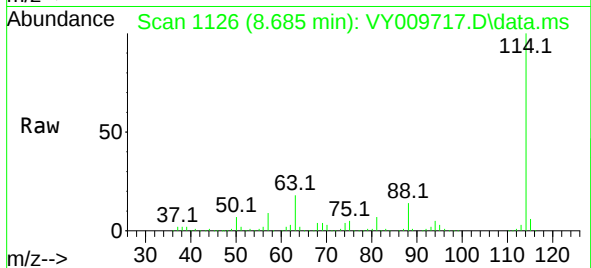
Tgt Ion:114 Resp: 294036

Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 14.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 42.738 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009717.D

Acq: 27 Jul 2022 12:21

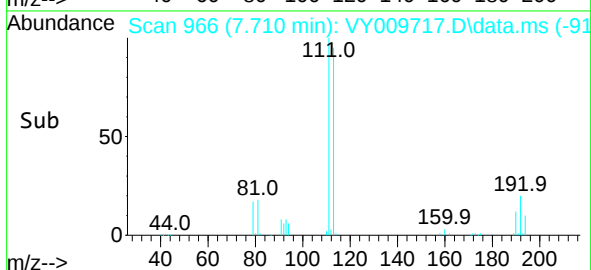
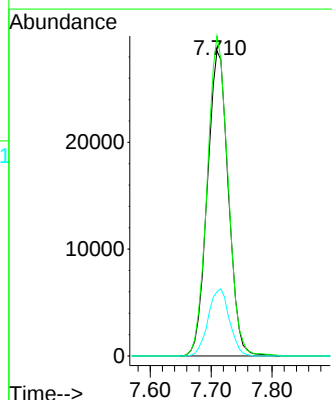
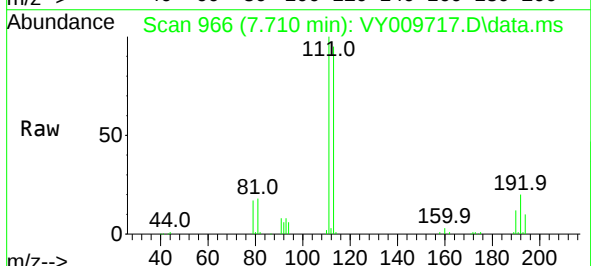
Tgt Ion:113 Resp: 68346

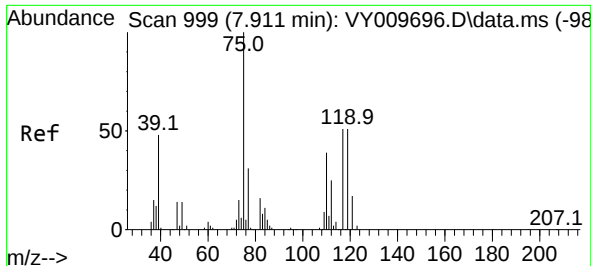
Ion Ratio Lower Upper

113 100

111 103.7 82.6 124.0

192 22.2 17.6 26.4

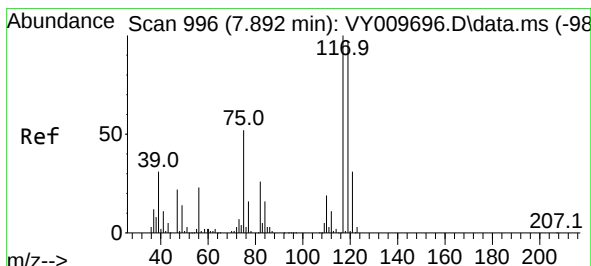
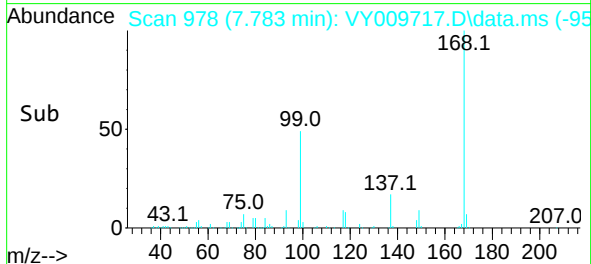
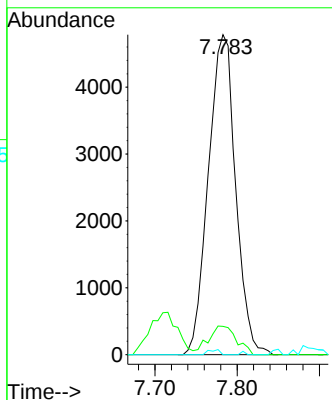
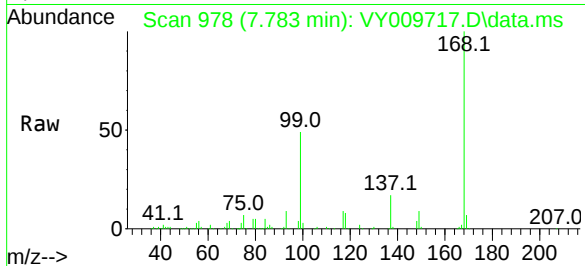




#36
1,1-Dichloropropene
Concen: 4.241 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY009717.D
Acq: 27 Jul 2022 12:21

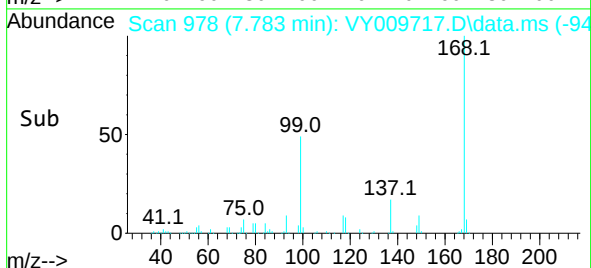
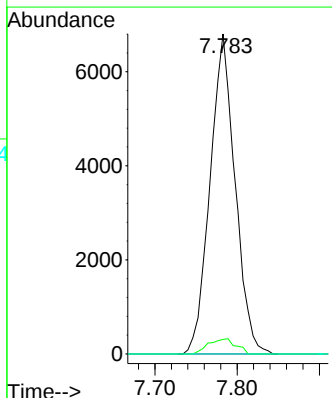
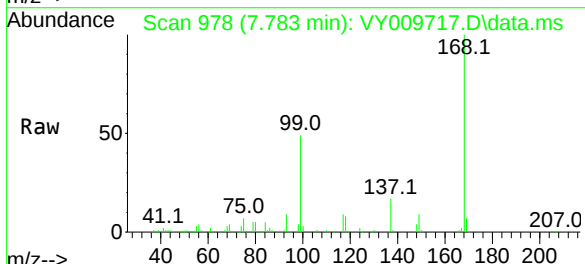
Instrument :
MSVOA_Y
ClientSampleId :
METRO-DISP

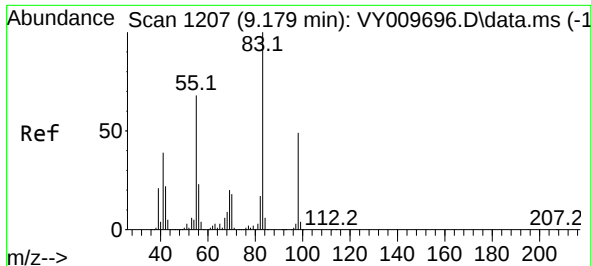
Tgt Ion: 75 Resp: 11035
Ion Ratio Lower Upper
75 100
110 9.2 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.160 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.109 min
Lab File: VY009717.D
Acq: 27 Jul 2022 12:21

Tgt Ion: 117 Resp: 14387
Ion Ratio Lower Upper
117 100
119 4.6 77.9 116.9#
121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 9.951 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009717.D

Acq: 27 Jul 2022 12:21

Instrument :

MSVOA_Y

ClientSampleId :

METRO-DISP

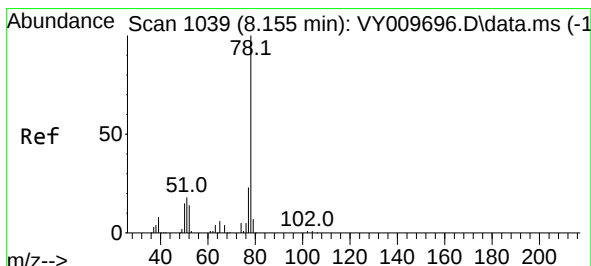
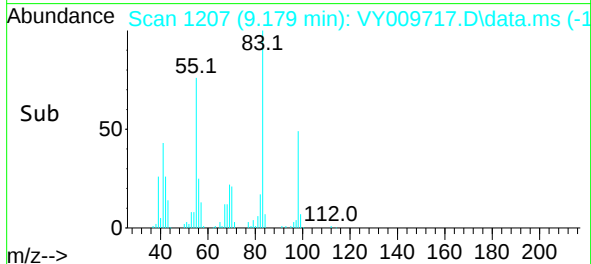
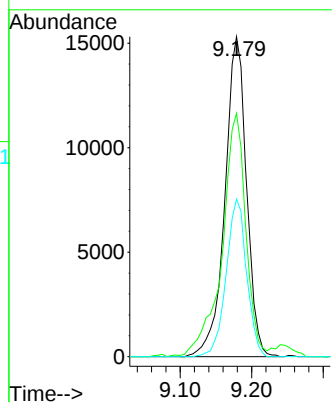
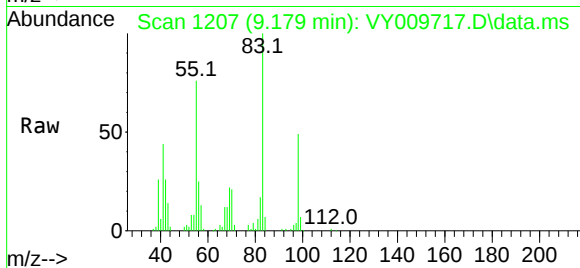
Tgt Ion: 83 Resp: 32075

Ion Ratio Lower Upper

83 100

55 75.7 66.5 99.7

98 49.3 37.9 56.9



#40

Benzene

Concen: 148.809 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY009717.D

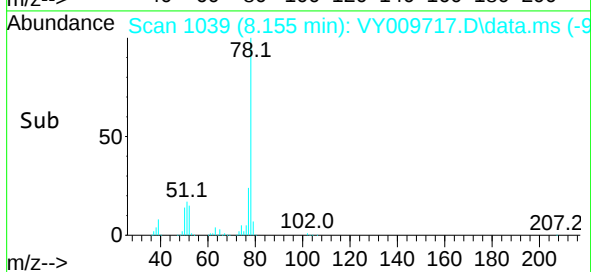
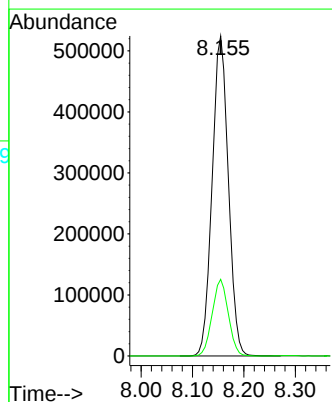
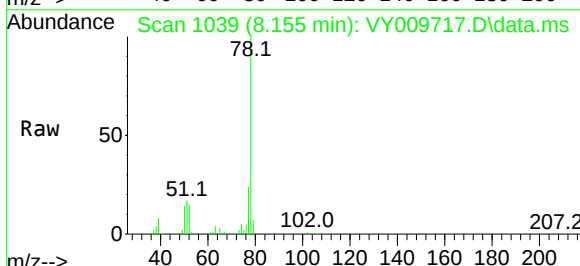
Acq: 27 Jul 2022 12:21

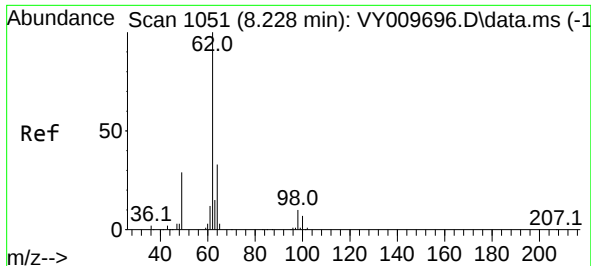
Tgt Ion: 78 Resp: 1147332

Ion Ratio Lower Upper

78 100

77 23.9 20.4 30.6





#42

1,2-Dichloroethane

Concen: 4.363 ug/l

RT: 8.155 min Scan# 110

Delta R.T. -0.073 min

Lab File: VY009717.D

Acq: 27 Jul 2022 12:21

Instrument :

MSVOA_Y

ClientSampleId :

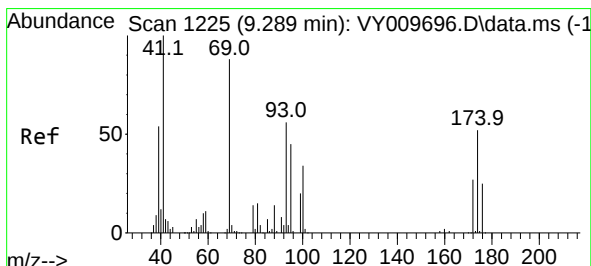
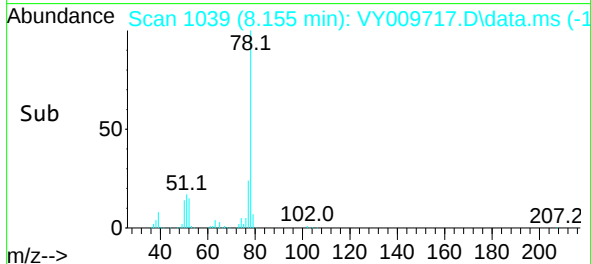
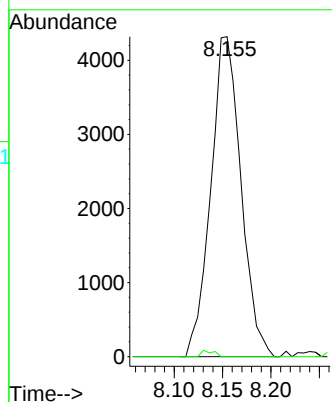
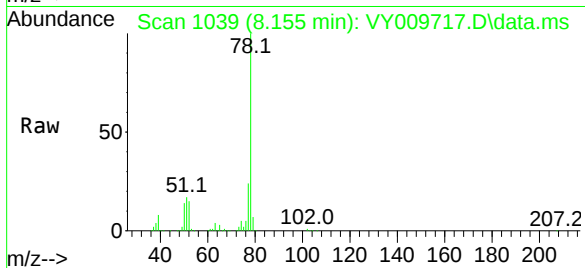
METRO-DISP

Tgt Ion: 62 Resp: 9379

Ion Ratio Lower Upper

62 100

98 0.0 0.0 14.8



#48

Methyl methacrylate

Concen: 1.696 ug/l

RT: 9.234 min Scan# 1216

Delta R.T. -0.055 min

Lab File: VY009717.D

Acq: 27 Jul 2022 12:21

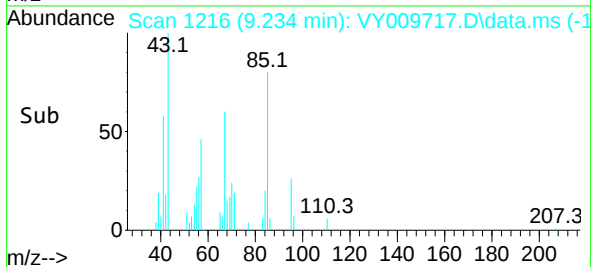
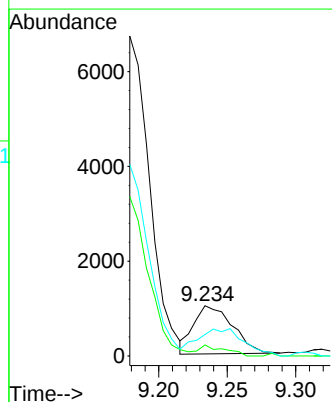
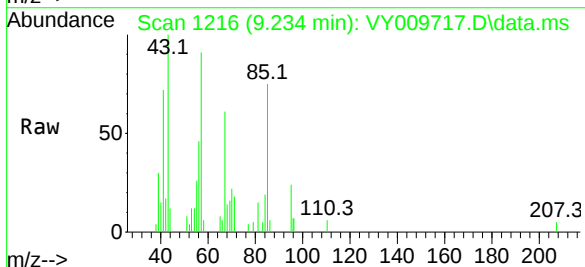
Tgt Ion: 41 Resp: 2010

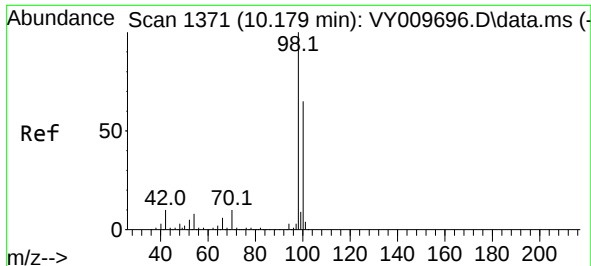
Ion Ratio Lower Upper

41 100

69 15.1 58.2 87.2#

39 67.4 47.4 71.0

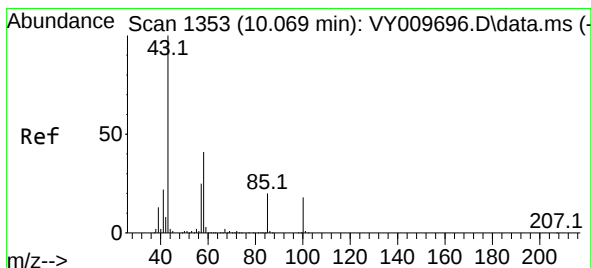
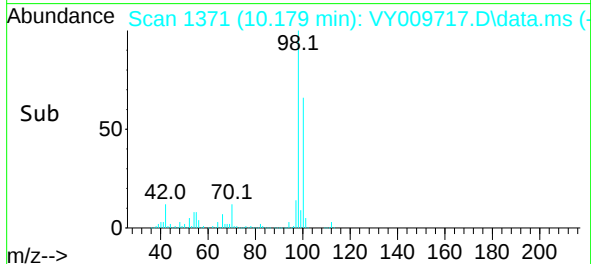
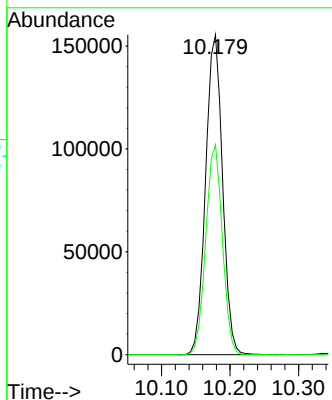
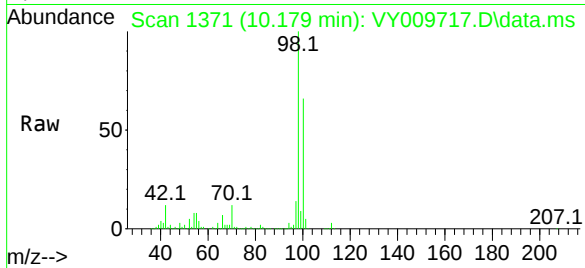




#50
Toluene-d8
Concen: 58.101 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009717.D
Acq: 27 Jul 2022 12:21

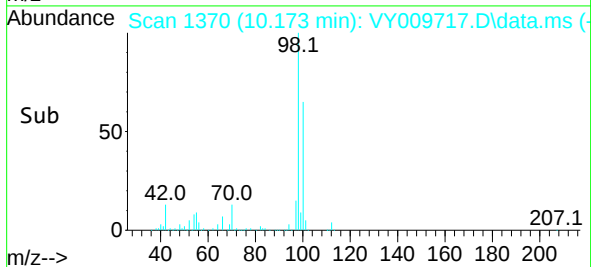
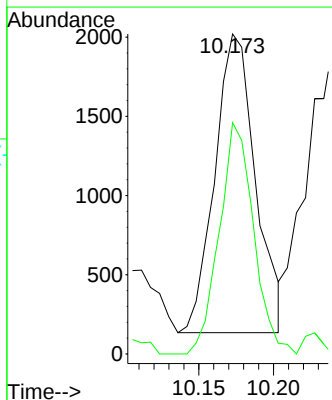
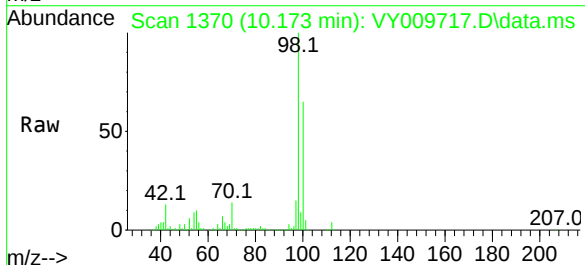
Instrument :
MSVOA_Y
ClientSampleId :
METRO-DISP

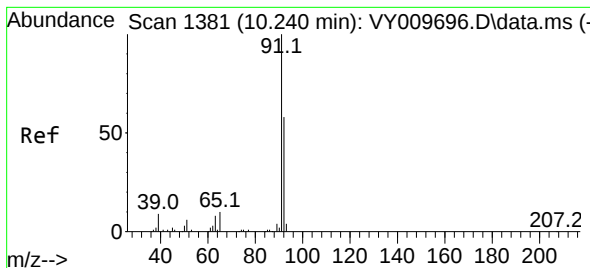
Tgt Ion: 98 Resp: 267398
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 2.602 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.104 min
Lab File: VY009717.D
Acq: 27 Jul 2022 12:21

Tgt Ion: 43 Resp: 3567
Ion Ratio Lower Upper
43 100
58 65.1 28.1 42.1#





#52

Toluene

Concen: 49.696 ug/l

RT: 10.240 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009717.D

Acq: 27 Jul 2022 12:21

Instrument :

MSVOA_Y

ClientSampleId :

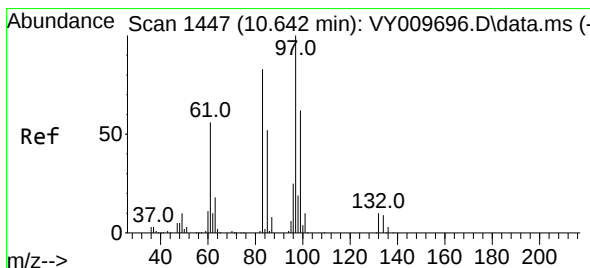
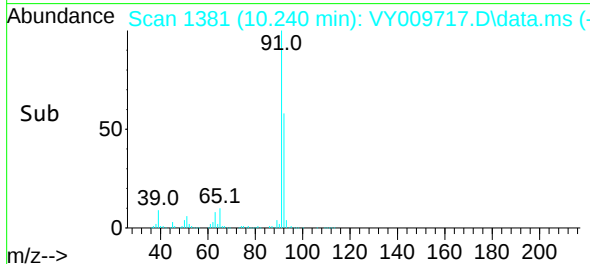
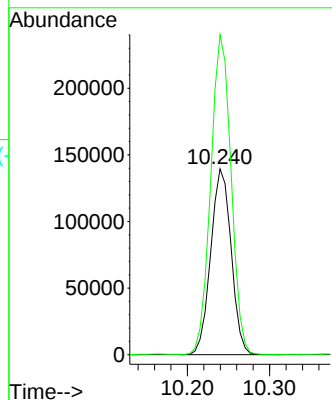
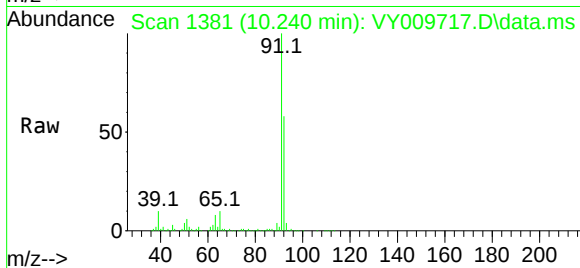
METRO-DISP

Tgt Ion: 92 Resp: 240001

Ion Ratio Lower Upper

92 100

91 171.7 142.6 213.8



#55

1,1,2-Trichloroethane

Concen: 7.154 ug/l

RT: 10.618 min Scan# 1443

Delta R.T. -0.024 min

Lab File: VY009717.D

Acq: 27 Jul 2022 12:21

Tgt Ion: 97 Resp: 11266

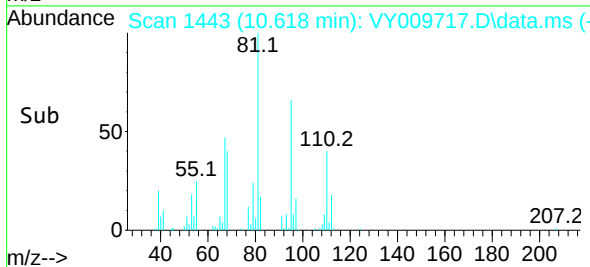
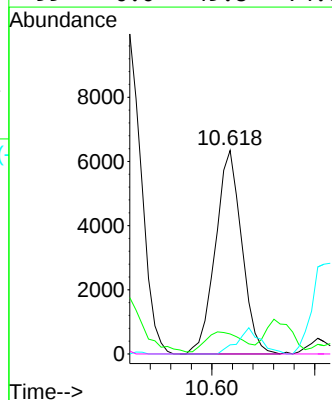
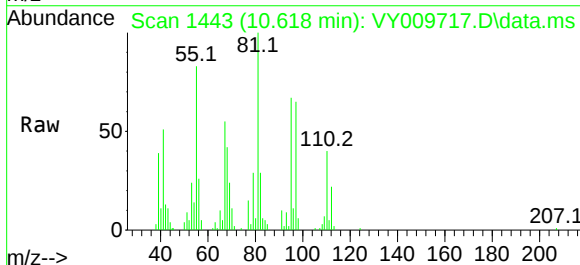
Ion Ratio Lower Upper

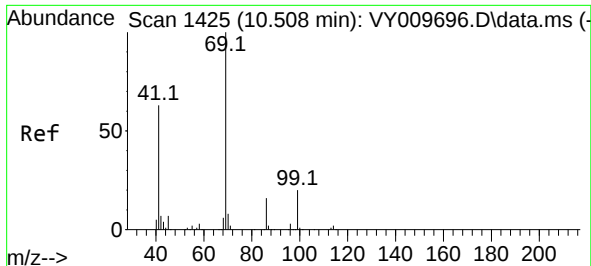
97 100

83 7.8 69.8 104.8#

85 4.5 44.3 66.5#

99 0.0 49.8 74.6#

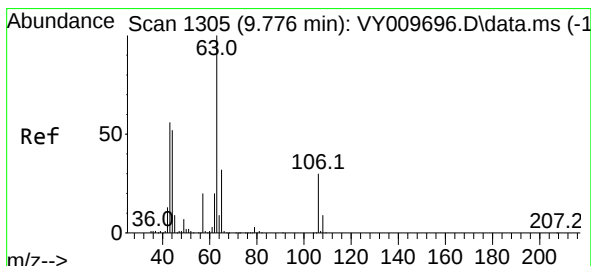
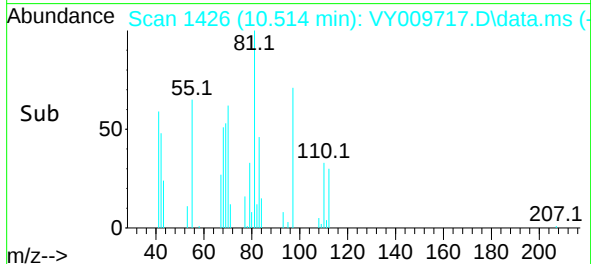
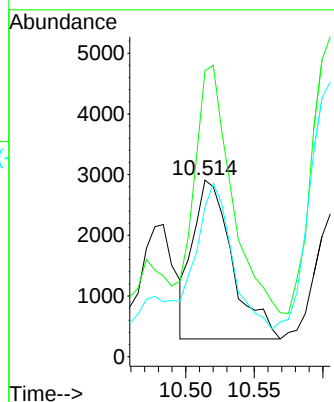
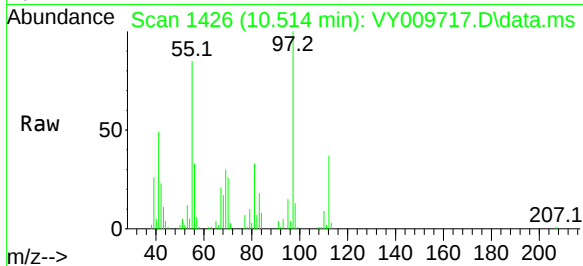




#56
 Ethyl methacrylate
 Concen: 2.655 ug/l
 RT: 10.514 min Scan# 1425
 Delta R.T. 0.006 min
 Lab File: VY009717.D
 Acq: 27 Jul 2022 12:21

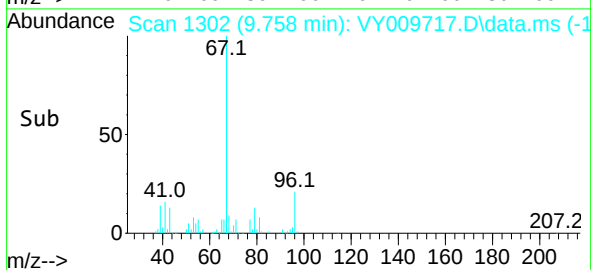
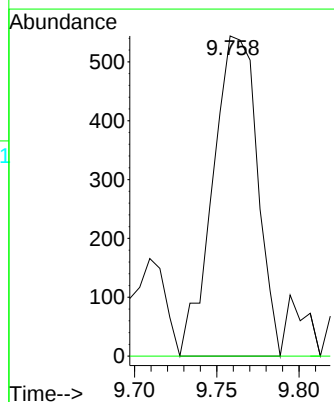
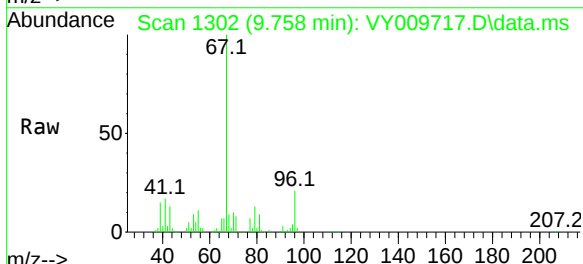
Instrument :
 MSVOA_Y
 ClientSampleId :
 METRO-DISP

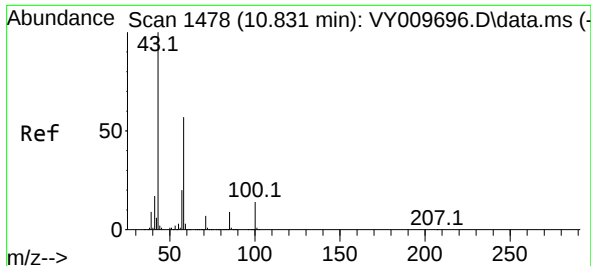
Tgt Ion: 69 Resp: 5209
 Ion Ratio Lower Upper
 69 100
 41 167.2 63.4 95.0#
 39 80.7 35.8 53.8#



#58
 2-Chloroethyl Vinyl ether
 Concen: 24.870 ug/l
 RT: 9.758 min Scan# 1302
 Delta R.T. -0.018 min
 Lab File: VY009717.D
 Acq: 27 Jul 2022 12:21

Tgt Ion: 63 Resp: 1022
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.5 32.3#

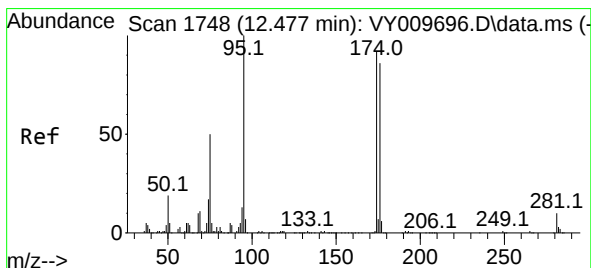
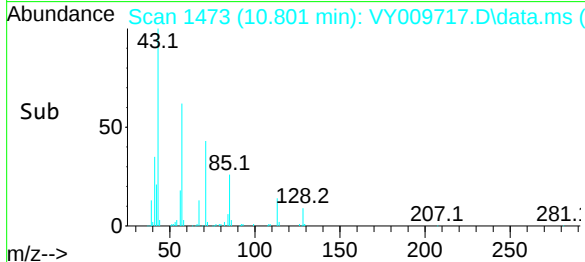
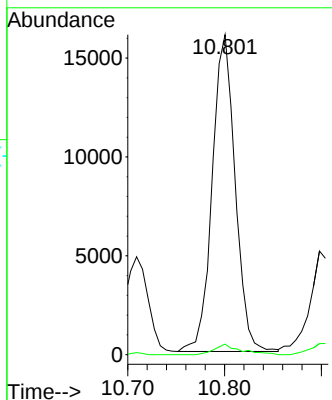
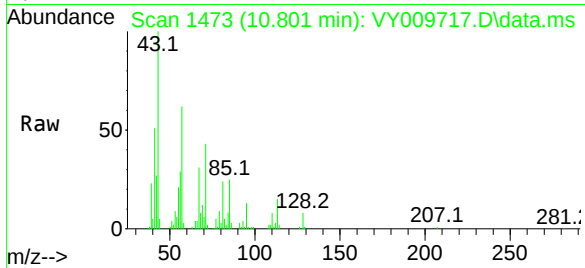




#59
2-Hexanone
Concen: 27.069 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.030 min
Lab File: VY009717.D
Acq: 27 Jul 2022 12:21

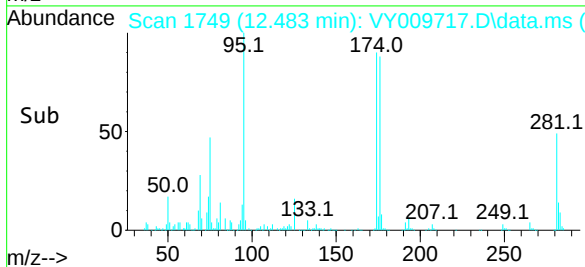
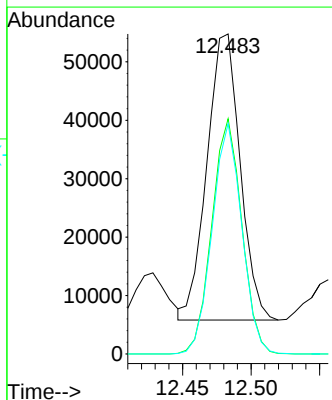
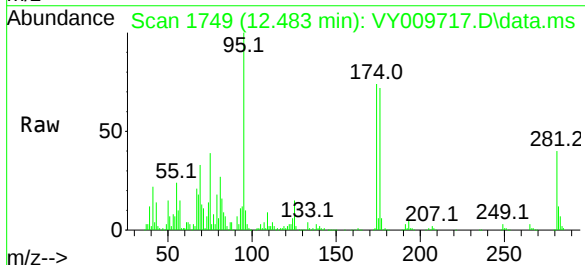
Instrument :
MSVOA_Y
ClientSampleId :
METRO-DISP

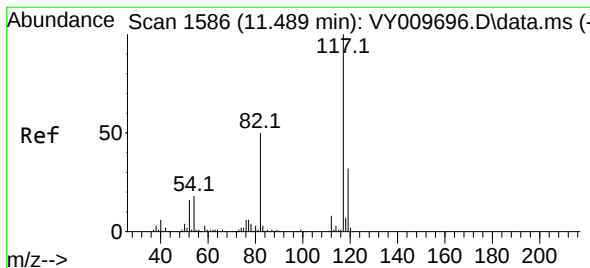
Tgt Ion: 43 Resp: 26444
Ion Ratio Lower Upper
43 100
58 3.7 24.4 73.4#



#62
4-Bromofluorobenzene
Concen: 38.863 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009717.D
Acq: 27 Jul 2022 12:21

Tgt Ion: 95 Resp: 82408
Ion Ratio Lower Upper
95 100
174 74.2 0.0 177.0
176 71.8 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 117

Delta R.T. 0.000 min

Lab File: VY009717.D

Acq: 27 Jul 2022 12:21

Instrument :

MSVOA_Y

ClientSampleId :

METRO-DISP

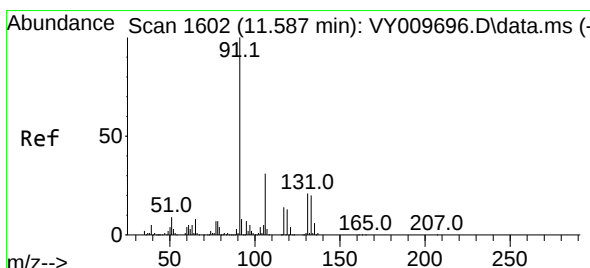
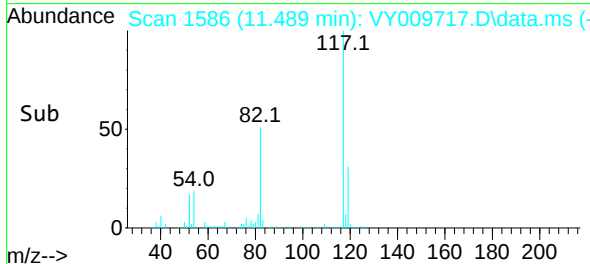
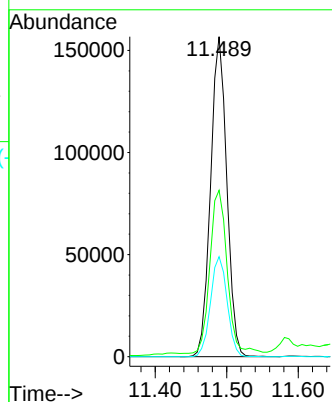
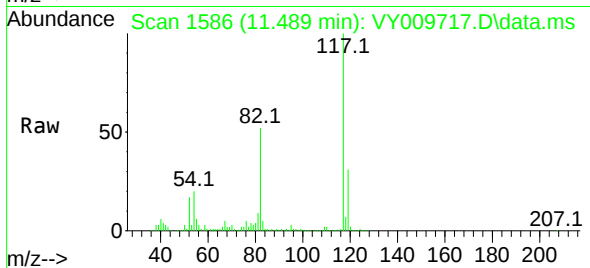
Tgt Ion:117 Resp: 246317

Ion Ratio Lower Upper

117 100

82 51.0 43.0 64.4

119 31.2 25.4 38.0



#67

Ethyl Benzene

Concen: 2086.488 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY009717.D

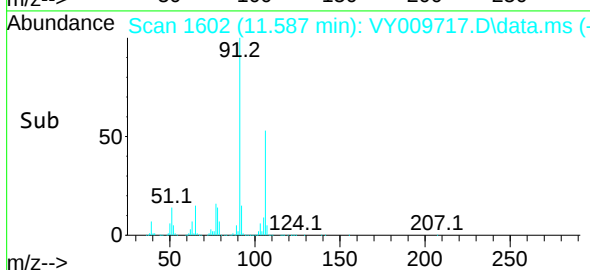
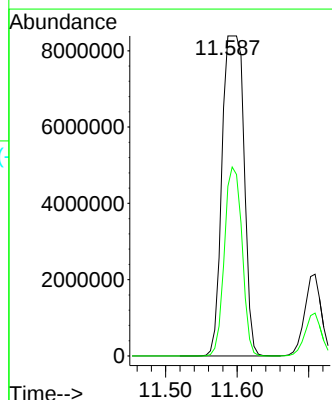
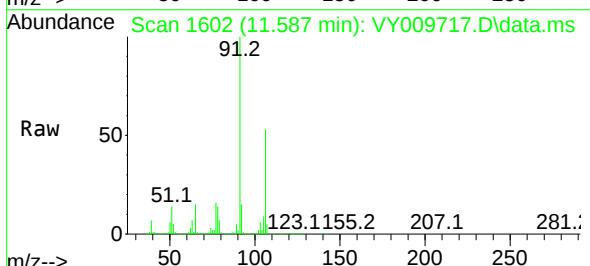
Acq: 27 Jul 2022 12:21

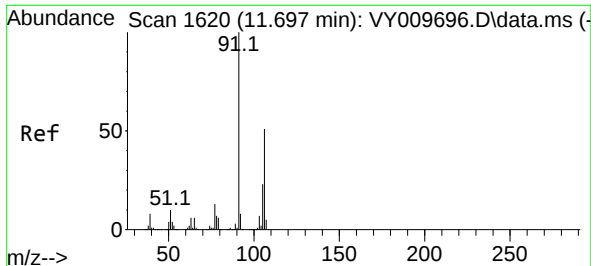
Tgt Ion: 91 Resp:17825941

Ion Ratio Lower Upper

91 100

106 53.0 24.5 36.7#

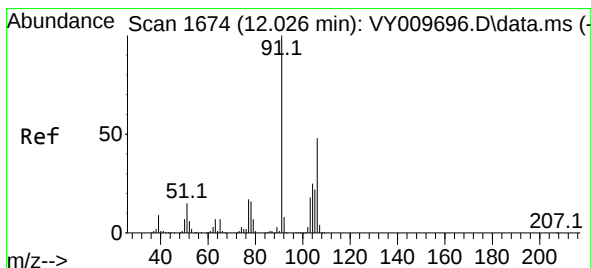
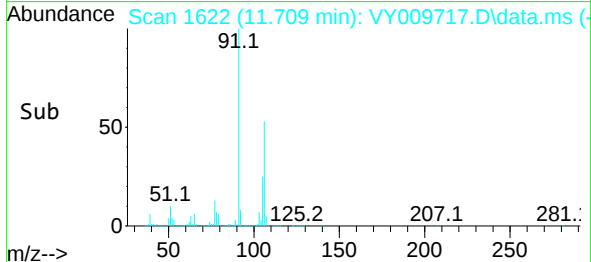
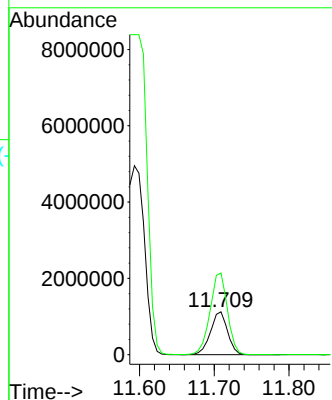
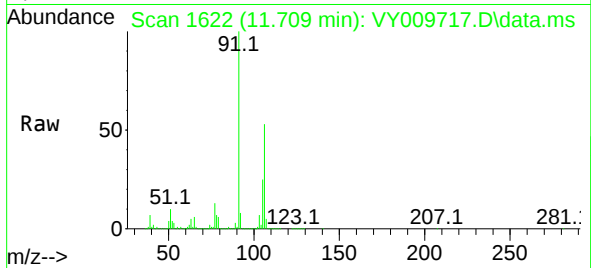




#68
m/p-Xylenes
Concen: 525.129 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.012 min
Lab File: VY009717.D
Acq: 27 Jul 2022 12:21

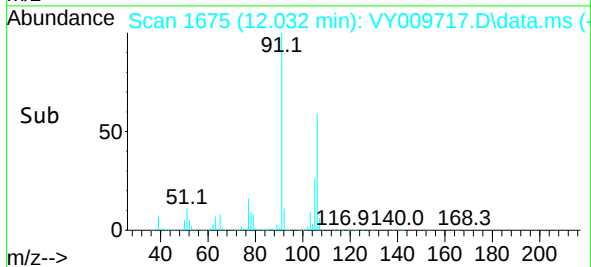
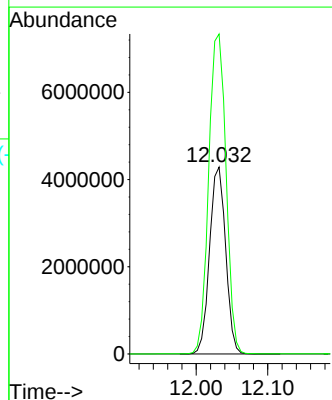
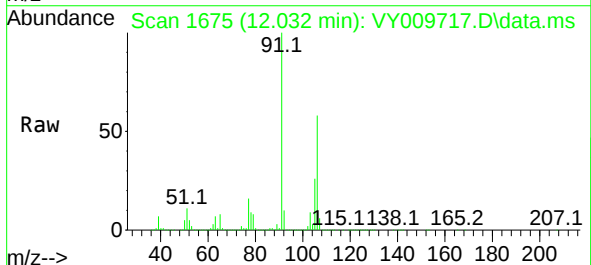
Instrument :
MSVOA_Y
ClientSampleId :
METRO-DISP

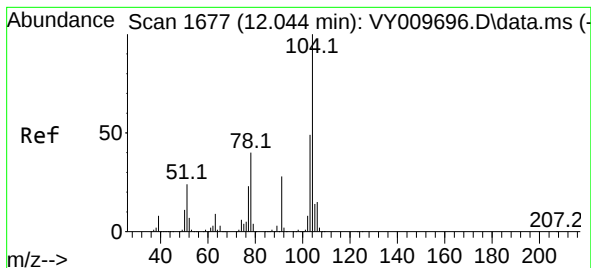
Tgt Ion:106 Resp: 1780944
Ion Ratio Lower Upper
106 100
91 193.9 166.6 249.8



#69
o-Xylene
Concen: 2107.749 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY009717.D
Acq: 27 Jul 2022 12:21

Tgt Ion:106 Resp: 6684894
Ion Ratio Lower Upper
106 100
91 184.4 110.3 331.0





#70

Styrene

Concen: 74.234 ug/l

RT: 12.032 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY009717.D

Acq: 27 Jul 2022 12:21

Instrument :

MSVOA_Y

ClientSampleId :

METRO-DISP

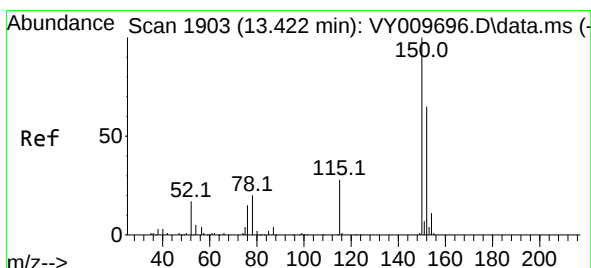
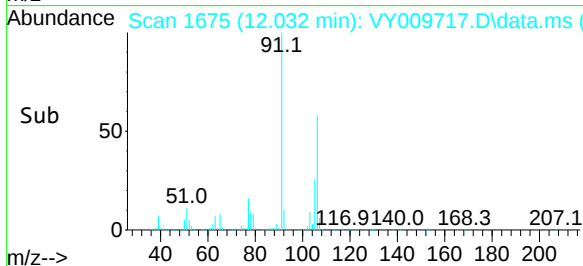
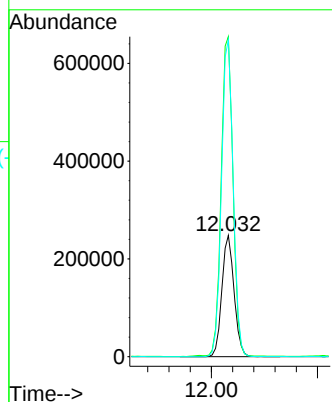
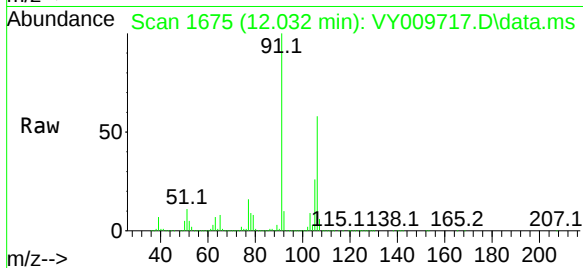
Tgt Ion:104 Resp: 395697

Ion Ratio Lower Upper

104 100

78 256.3 42.4 63.6#

103 250.2 44.4 66.6#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY009717.D

Acq: 27 Jul 2022 12:21

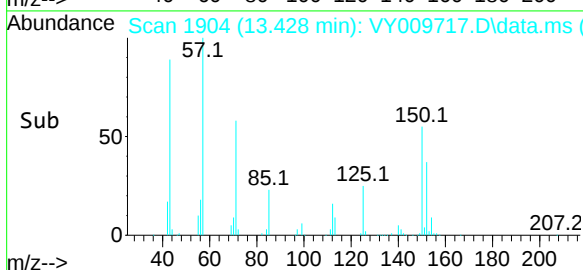
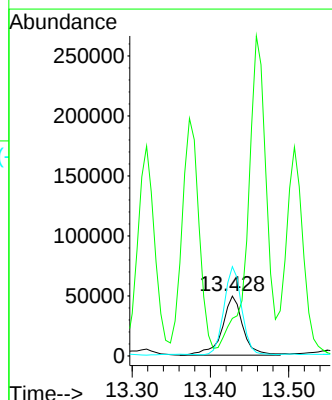
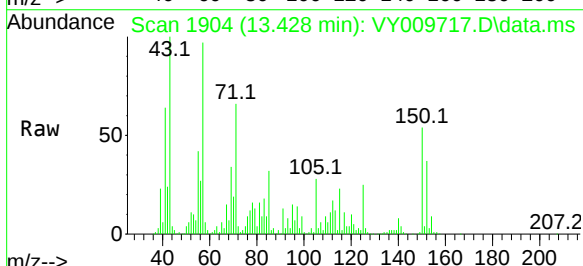
Tgt Ion:152 Resp: 90099

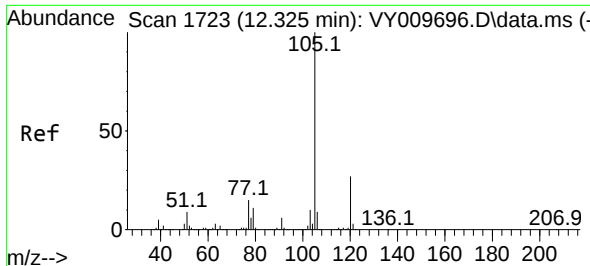
Ion Ratio Lower Upper

152 100

115 0.0 28.2 84.7#

150 128.0 0.0 347.6

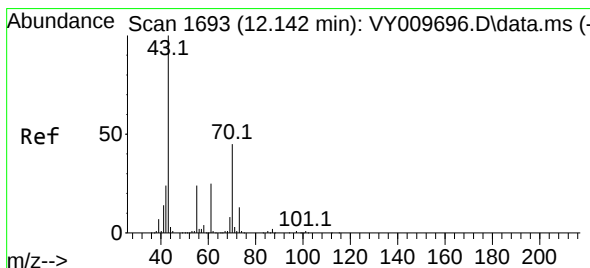
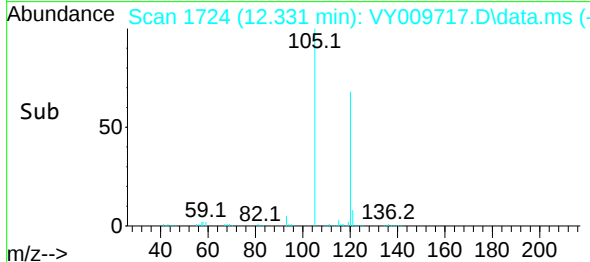
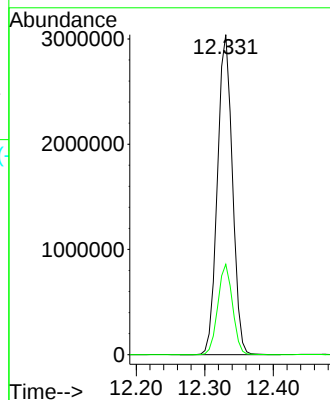
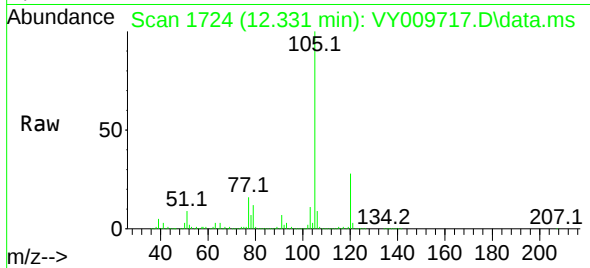




#73
Isopropylbenzene
Concen: 766.473 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009717.D
Acq: 27 Jul 2022 12:21

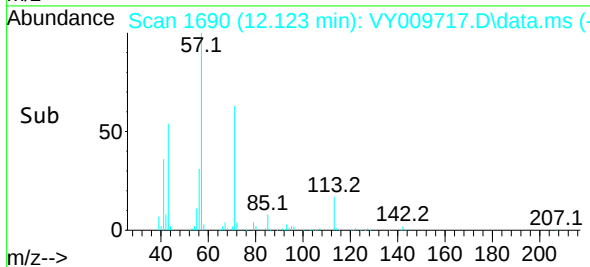
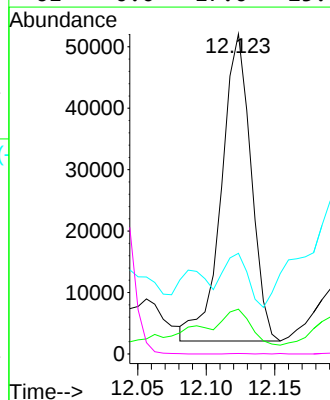
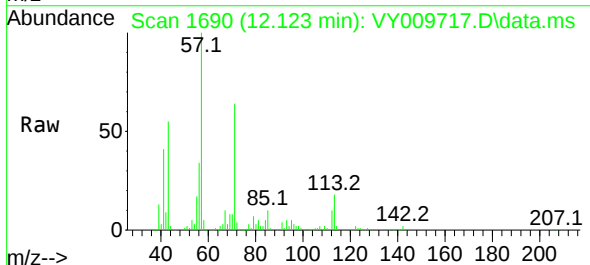
Instrument :
MSVOA_Y
ClientSampleId :
METRO-DISP

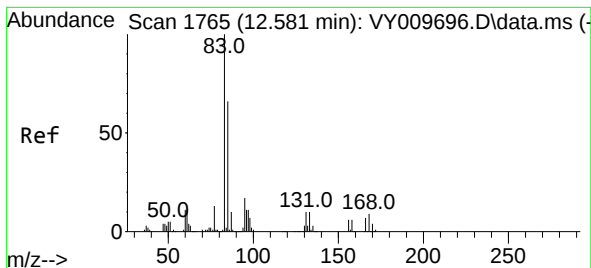
Tgt Ion:105 Resp: 4590741
Ion Ratio Lower Upper
105 100
120 27.8 13.4 40.2



#74
N-ethyl acetate
Concen: 48.551 ug/l
RT: 12.123 min Scan# 1690
Delta R.T. -0.019 min
Lab File: VY009717.D
Acq: 27 Jul 2022 12:21

Tgt Ion: 43 Resp: 75110
Ion Ratio Lower Upper
43 100
70 10.9 28.7 43.1#
55 14.4 17.3 25.9#
61 0.0 17.0 25.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 2.865 ug/l

RT: 12.526 min Scan# 11

Delta R.T. -0.055 min

Lab File: VY009717.D

Acq: 27 Jul 2022 12:21

Instrument :

MSVOA_Y

ClientSampleId :

METRO-DISP

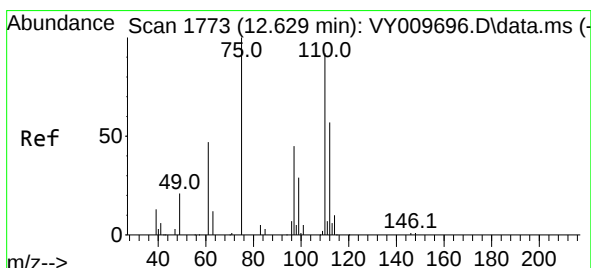
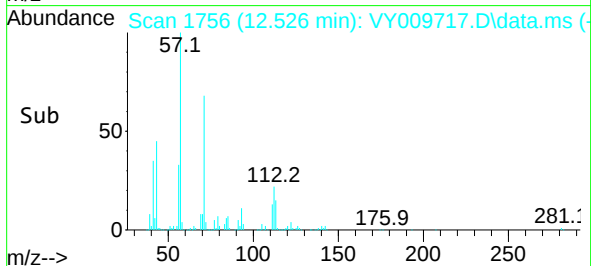
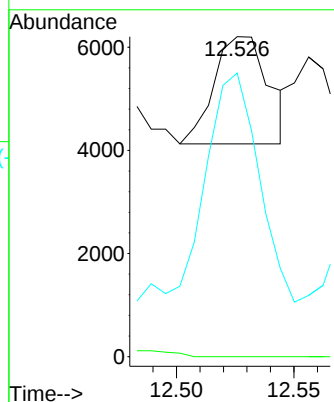
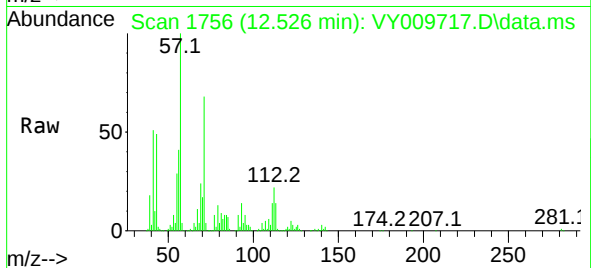
Tgt Ion: 83 Resp: 3375

Ion Ratio Lower Upper

83 100

131 0.0 5.6 16.8#

85 234.5 32.3 96.8#



#76

1,2,3-Trichloropropane

Concen: 9.667 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.043 min

Lab File: VY009717.D

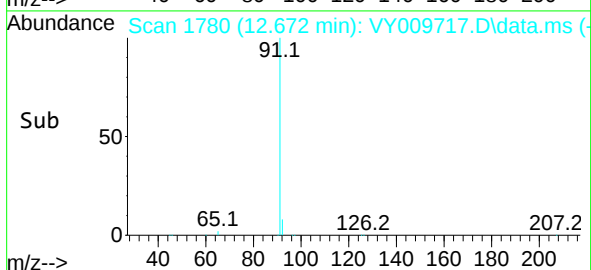
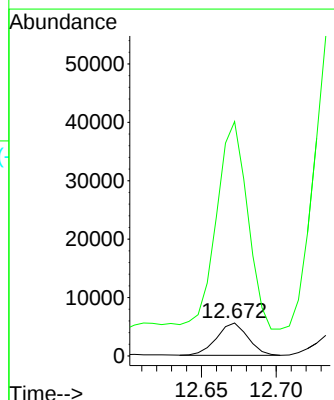
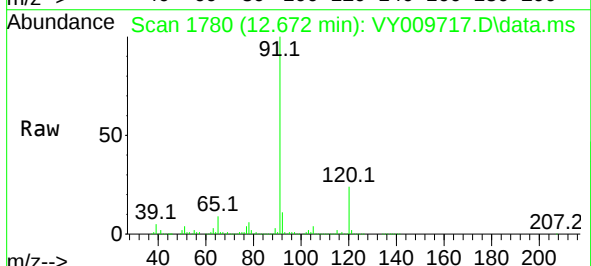
Acq: 27 Jul 2022 12:21

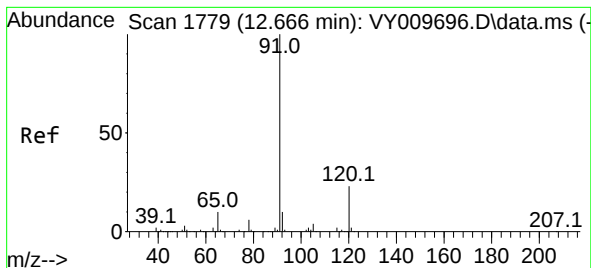
Tgt Ion: 75 Resp: 8090

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#78

n-propylbenzene

Concen: 210.284 ug/l

RT: 12.672 min Scan# 1779

Delta R.T. 0.006 min

Lab File: VY009717.D

Acq: 27 Jul 2022 12:21

Instrument :

MSVOA_Y

ClientSampleId :

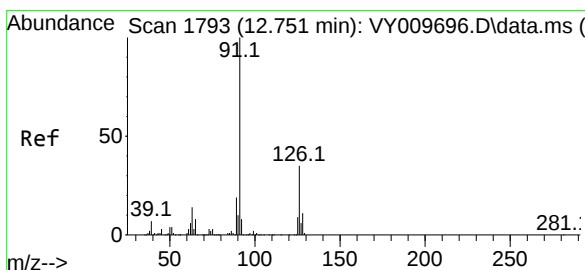
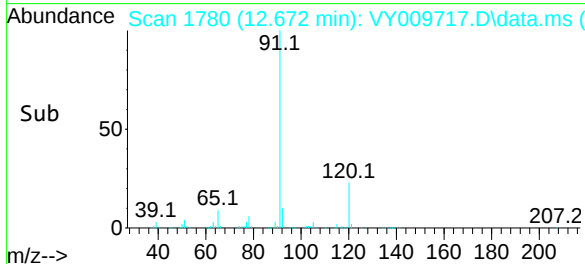
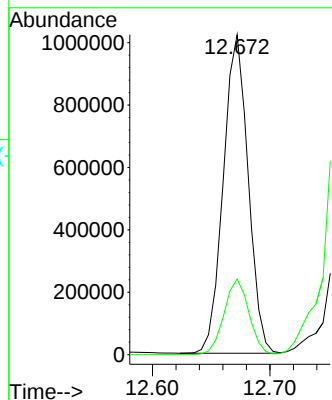
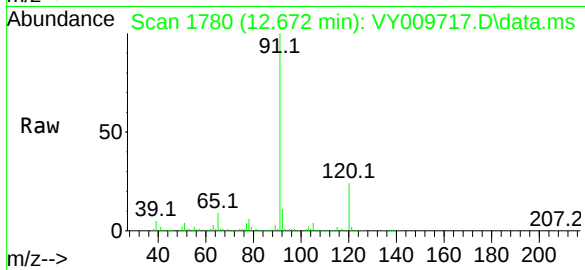
METRO-DISP

Tgt Ion: 91 Resp: 1496750

Ion Ratio Lower Upper

91 100

120 23.7 11.3 33.9



#79

2-Chlorotoluene

Concen: 565.120 ug/l

RT: 12.770 min Scan# 1796

Delta R.T. 0.019 min

Lab File: VY009717.D

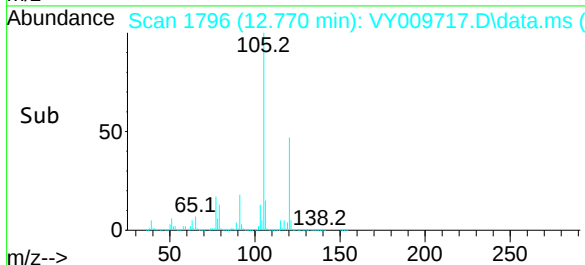
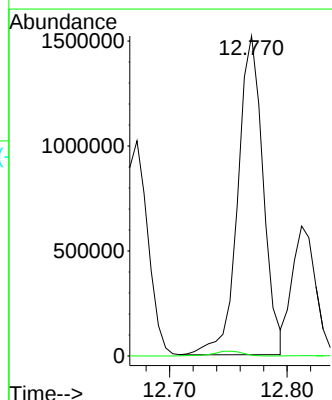
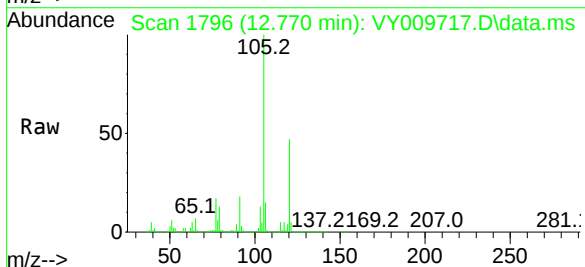
Acq: 27 Jul 2022 12:21

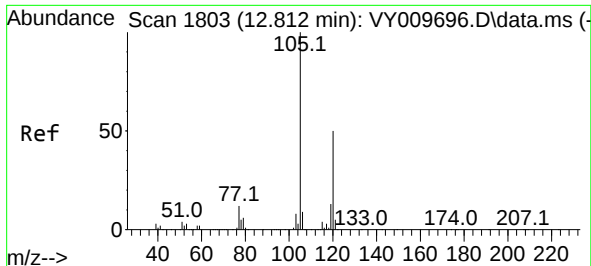
Tgt Ion: 91 Resp: 2276464

Ion Ratio Lower Upper

91 100

126 1.7 16.9 50.6#

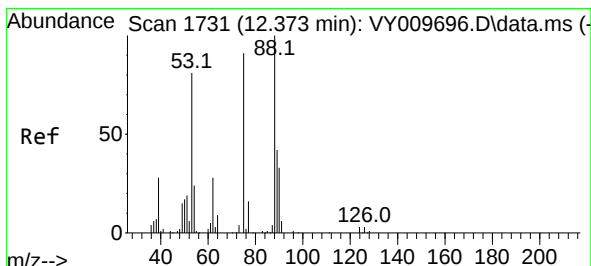
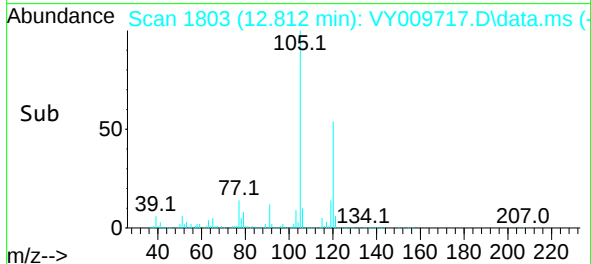
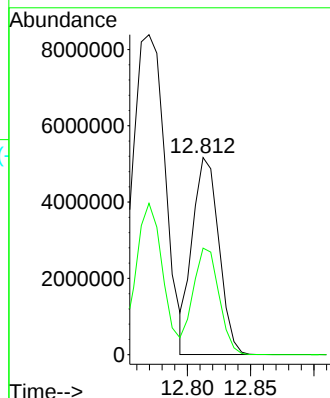
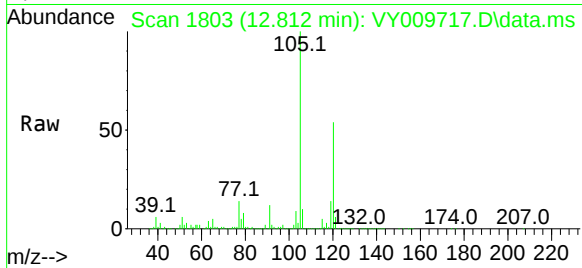




#80
1,3,5-Trimethylbenzene
Concen: 1519.556 ug/l
RT: 12.812 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009717.D
Acq: 27 Jul 2022 12:21

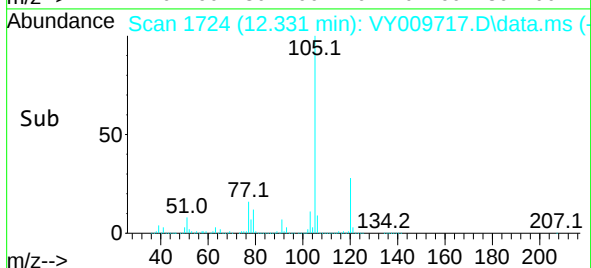
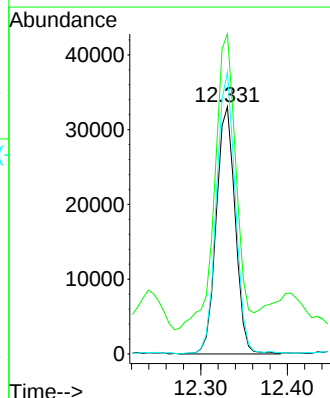
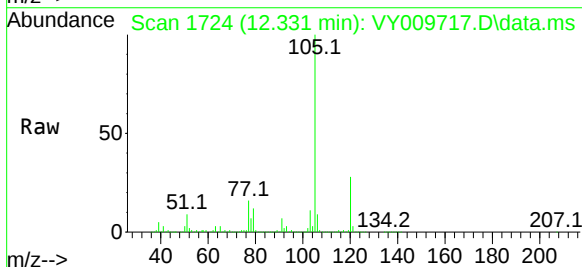
Instrument :
MSVOA_Y
ClientSampleId :
METRO-DISP

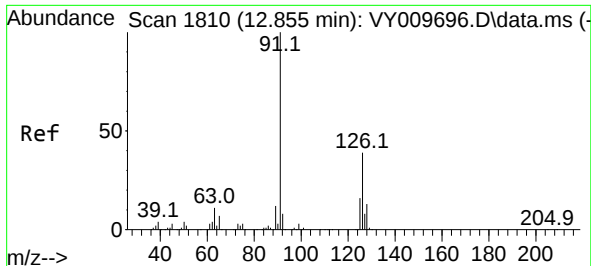
Tgt Ion:105 Resp: 7542939
Ion Ratio Lower Upper
105 100
120 53.0 24.4 73.4



#81
trans-1,4-Dichloro-2-butene
Concen: 119.780 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.042 min
Lab File: VY009717.D
Acq: 27 Jul 2022 12:21

Tgt Ion: 75 Resp: 50290
Ion Ratio Lower Upper
75 100
53 134.3 85.3 127.9#
89 113.5 37.0 55.4#

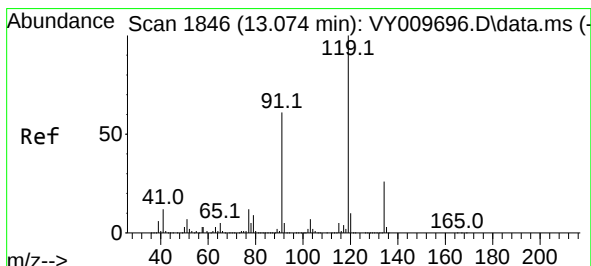
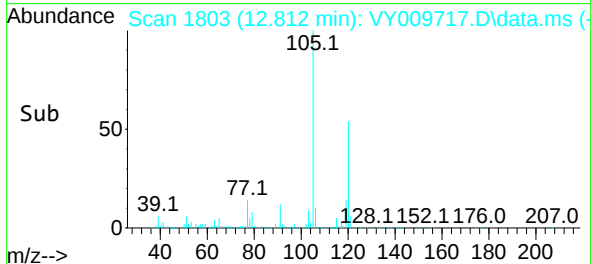
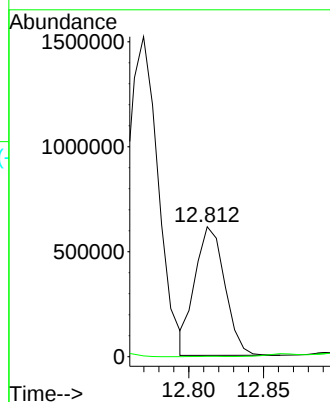
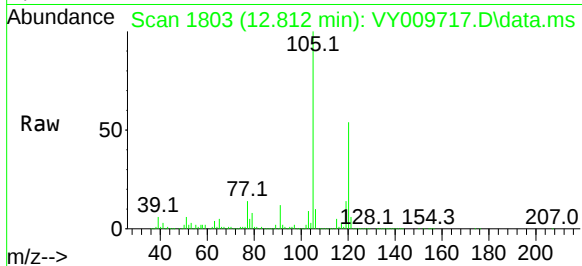




#82
4-Chlorotoluene
Concen: 202.339 ug/l
RT: 12.812 min Scan# 1810
Delta R.T. -0.043 min
Lab File: VY009717.D
Acq: 27 Jul 2022 12:21

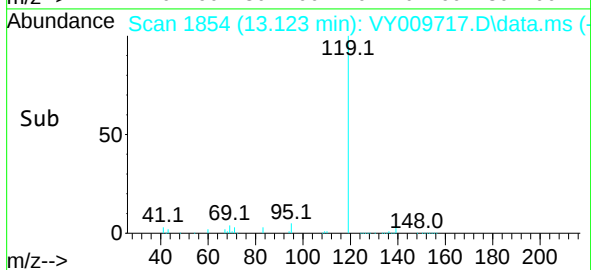
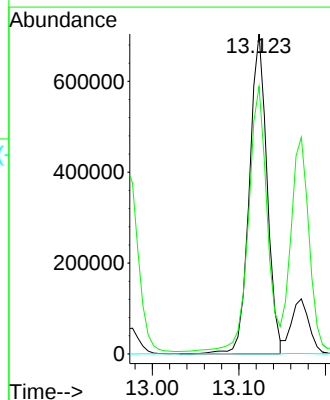
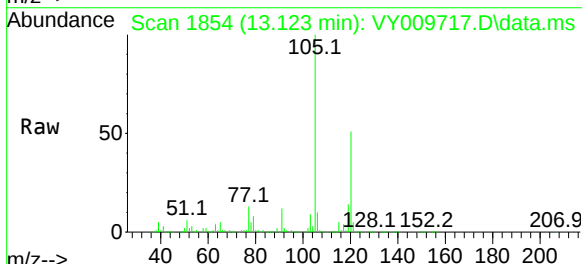
Instrument :
MSVOA_Y
ClientSampleId :
METRO-DISP

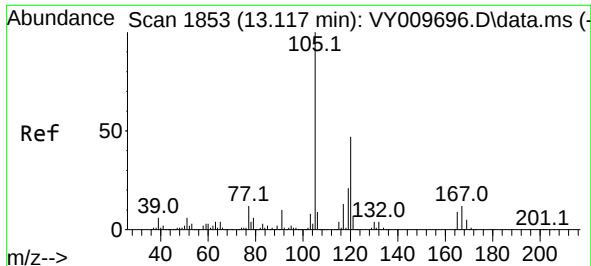
Tgt Ion: 91 Resp: 847896
Ion Ratio Lower Upper
91 100
126 0.0 17.0 51.0#



#83
tert-Butylbenzene
Concen: 223.173 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.049 min
Lab File: VY009717.D
Acq: 27 Jul 2022 12:21

Tgt Ion: 119 Resp: 995551
Ion Ratio Lower Upper
119 100
91 87.4 34.8 104.4
134 0.0 13.3 39.9#

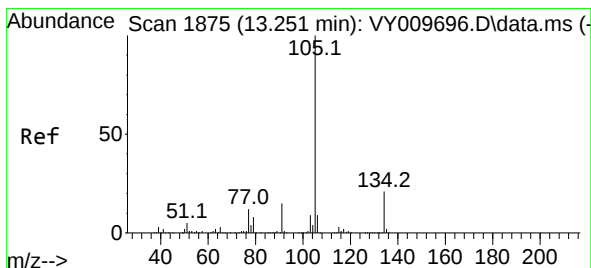
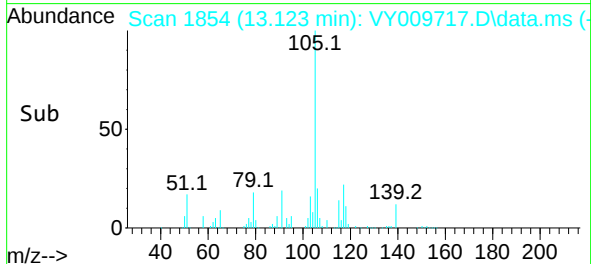
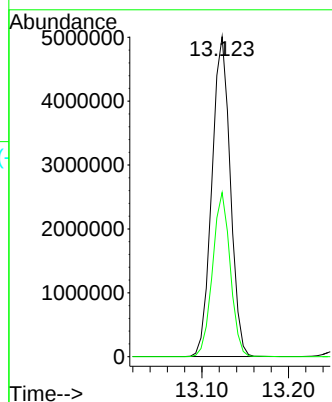
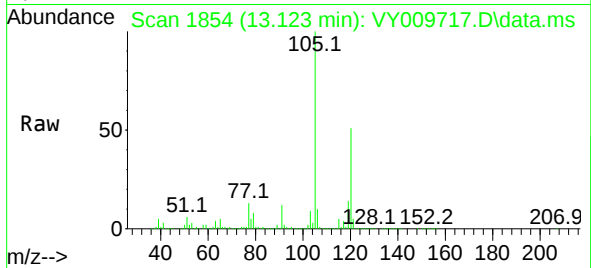




#84
1,2,4-Trimethylbenzene
Concen: 1474.980 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY009717.D
Acq: 27 Jul 2022 12:21

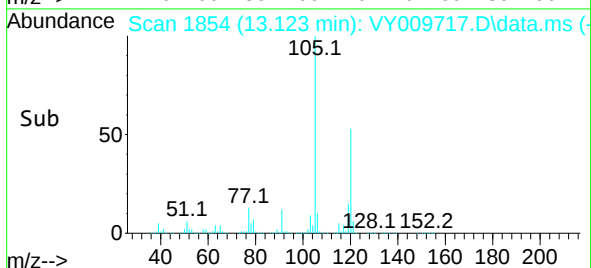
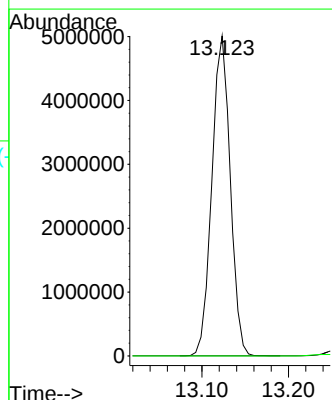
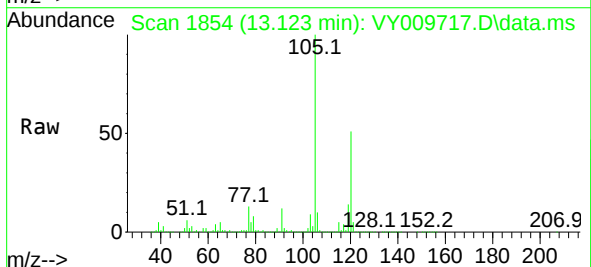
Instrument :
MSVOA_Y
ClientSampleId :
METRO-DISP

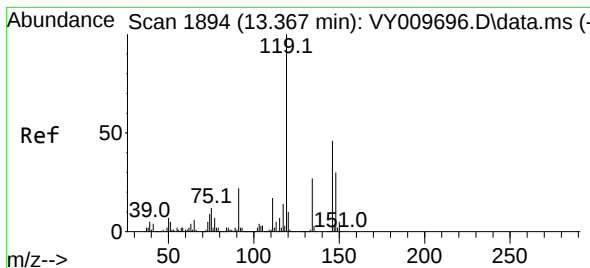
Tgt Ion:105 Resp: 7379642
Ion Ratio Lower Upper
105 100
120 49.5 22.3 66.9



#85
sec-Butylbenzene
Concen: 1126.737 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.128 min
Lab File: VY009717.D
Acq: 27 Jul 2022 12:21

Tgt Ion:105 Resp: 7379642
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#





#86

p-Isopropyltoluene

Concen: 630.033 ug/l

RT: 13.373 min Scan# 119

Delta R.T. 0.006 min

Lab File: VY009717.D

Acq: 27 Jul 2022 12:21

Instrument :

MSVOA_Y

ClientSampleId :

METRO-DISP

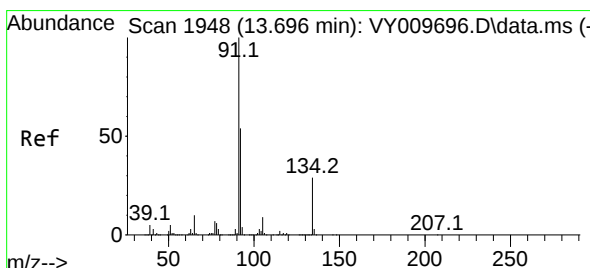
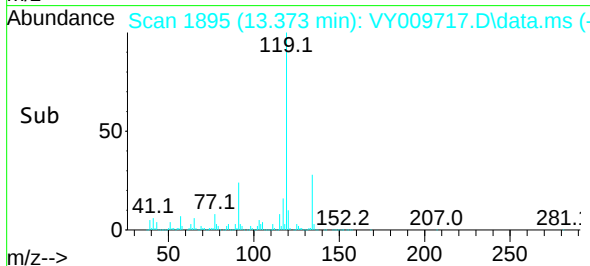
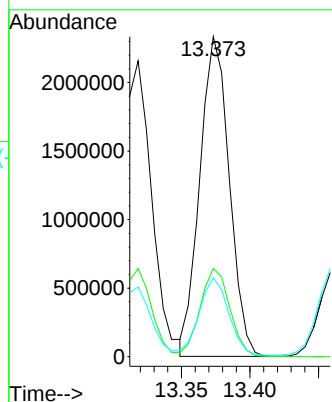
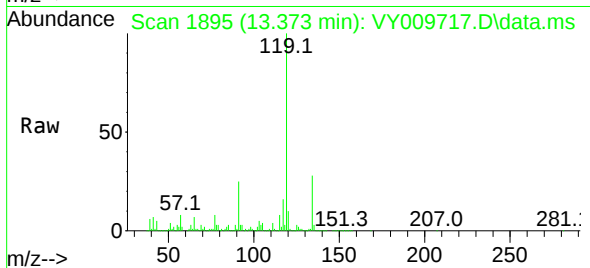
Tgt Ion:119 Resp: 3490125

Ion Ratio Lower Upper

119 100

134 27.6 13.2 39.5

91 24.1 12.4 37.2



#89

n-Butylbenzene

Concen: 1798.418 ug/l

RT: 13.648 min Scan# 1940

Delta R.T. -0.048 min

Lab File: VY009717.D

Acq: 27 Jul 2022 12:21

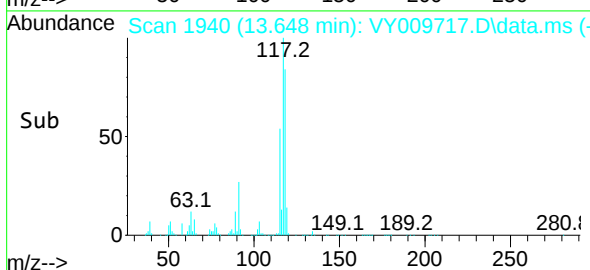
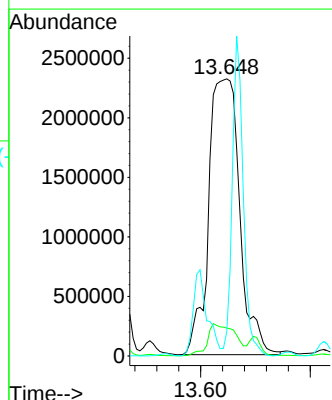
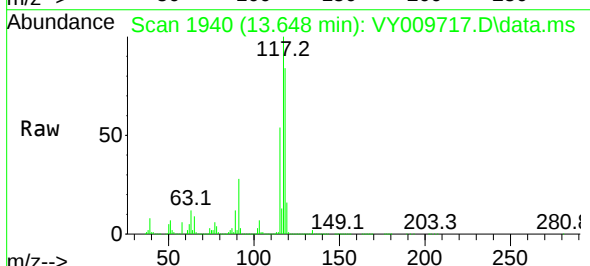
Tgt Ion: 91 Resp: 9127208

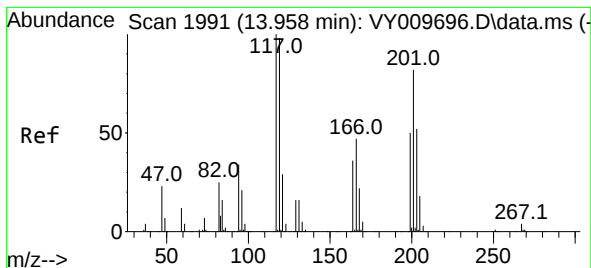
Ion Ratio Lower Upper

91 100

92 0.0 26.3 78.9#

134 41.3 13.0 38.9#





#90

Hexachloroethane

Concen: 1126.165 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.013 min

Lab File: VY009717.D

Acq: 27 Jul 2022 12:21

Instrument :

MSVOA_Y

ClientSampleId :

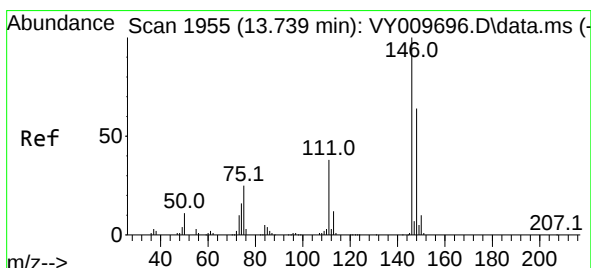
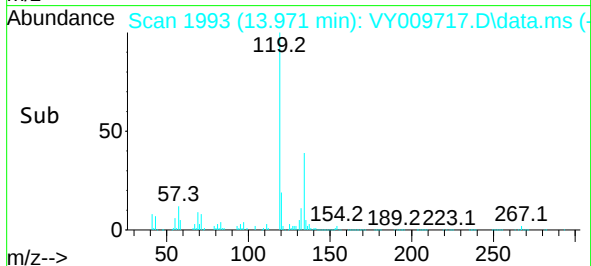
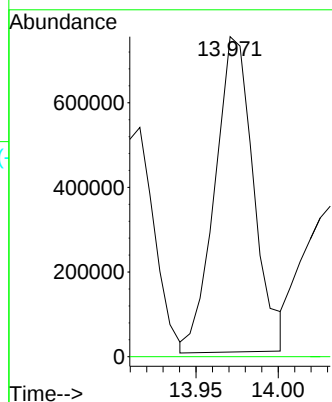
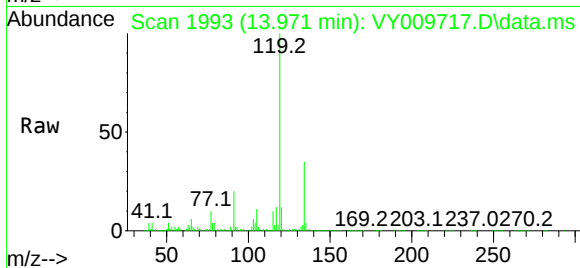
METRO-DISP

Tgt Ion:117 Resp: 1227176

Ion Ratio Lower Upper

117 100

201 0.0 43.0 128.8#



#91

1,2-Dichlorobenzene

Concen: 1.281 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VY009717.D

Acq: 27 Jul 2022 12:21

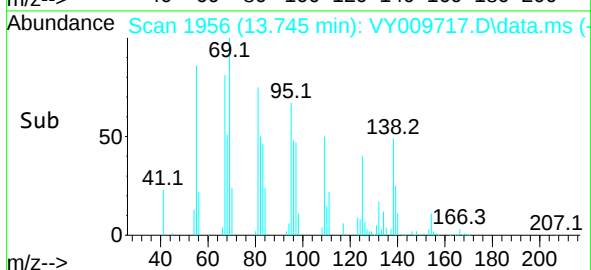
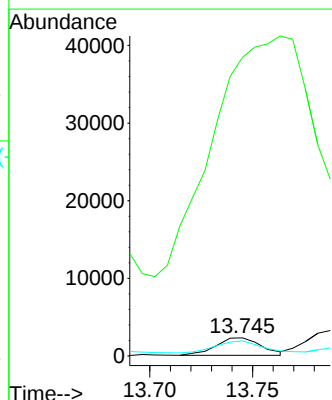
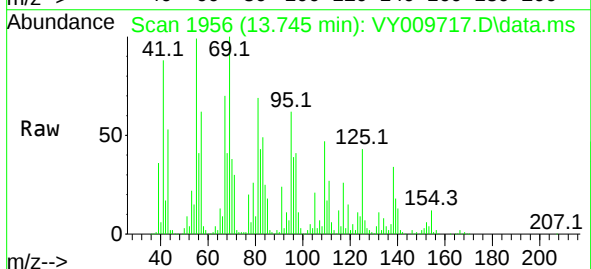
Tgt Ion:146 Resp: 3435

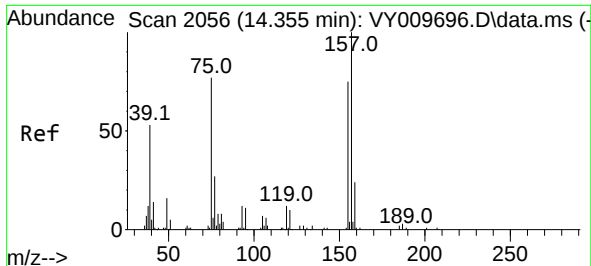
Ion Ratio Lower Upper

146 100

111 3898.8 20.3 60.9#

148 69.9 32.3 96.9





#92

1,2-Dibromo-3-Chloropropane

Concen: 195.586 ug/l

RT: 14.379 min Scan# 2056

Delta R.T. 0.024 min

Lab File: VY009717.D

Acq: 27 Jul 2022 12:21

Instrument :

MSVOA_Y

ClientSampleId :

METRO-DISP

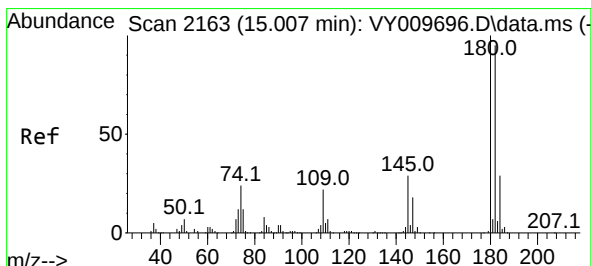
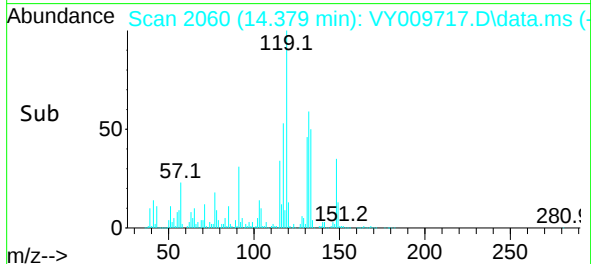
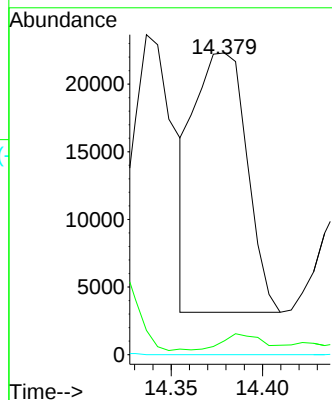
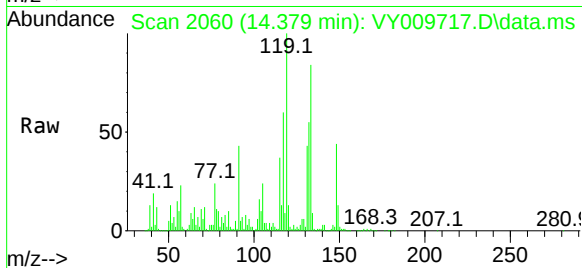
Tgt Ion: 75 Resp: 38719

Ion Ratio Lower Upper

75 100

155 4.5 38.0 113.9#

157 0.0 47.8 143.3#



#93

1,2,4-Trichlorobenzene

Concen: 2.055 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY009717.D

Acq: 27 Jul 2022 12:21

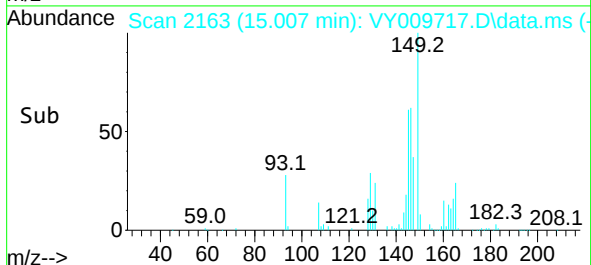
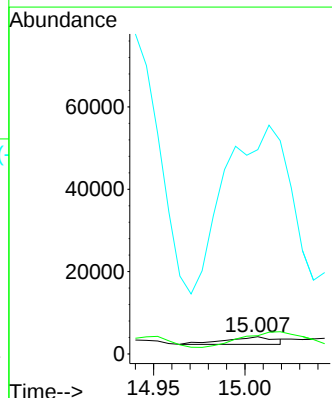
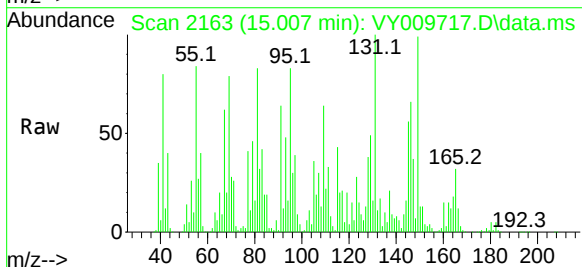
Tgt Ion:180 Resp: 3479

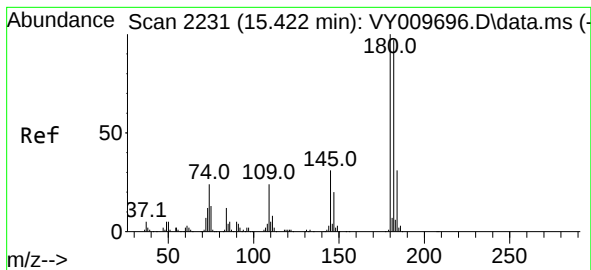
Ion Ratio Lower Upper

180 100

182 295.3 47.3 141.9#

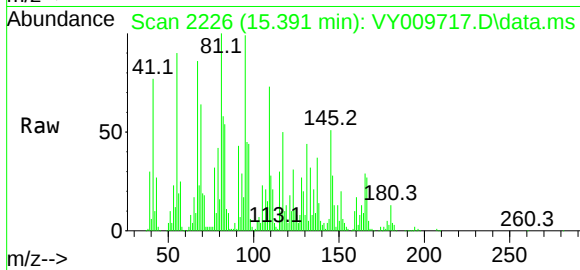
145 3554.8 14.6 43.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 4.756 ug/l
 RT: 15.391 min Scan# 21
 Delta R.T. -0.031 min
 Lab File: VY009717.D
 Acq: 27 Jul 2022 12:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 METRO-DISP



Tgt Ion:180 Resp: 7042
 Ion Ratio Lower Upper
 180 100
 182 35.6 47.3 141.9#
 145 501.3 15.3 45.9#

