

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042222\
 Data File : VY008458.D
 Acq On : 22 Apr 2022 12:40
 Operator : KP/MD
 Sample : N2452-01RE
 Misc : 5.48g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 23 01:51:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	55015	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	86325	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	54671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	17573	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	24689	38.140	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	76.280%
35) Dibromofluoromethane	7.722	113	25840	46.381	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.760%
50) Toluene-d8	10.179	98	118290	53.136	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.280%
62) 4-Bromofluorobenzene	12.477	95	42392	56.508	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	113.020%

Target Compounds			Qvalue			
10) Methyl Iodide	4.088	142	126	1.839	ug/l #	73
11) Tert butyl alcohol	4.948	59	684	Below Cal	#	77
13) Acrolein	3.704	56	399	5.789	ug/l #	1
14) Allyl chloride	4.558	41	2273	2.928	ug/l #	72
15) Acrylonitrile	5.235	53	2016	10.826	ug/l #	33
16) Acetone	3.942	43	27844	184.674	ug/l	94
17) Carbon Disulfide	4.198	76	7629	4.243	ug/l	99
18) Methyl Acetate	4.485	43	582	1.376	ug/l #	63
20) Methylene Chloride	4.716	84	4157	Below Cal	#	73
25) 2-Butanone	6.990	43	14488	62.112	ug/l #	79
30) Chloroform	7.472	83	1837	1.433	ug/l #	18
31) Cyclohexane	7.783	56	105629	99.260	ug/l	89
36) 1,1-Dichloropropene	7.789	75	4488	5.064	ug/l #	74
37) Ethyl Acetate	6.990	43	14488	29.561	ug/l #	72
38) Carbon Tetrachloride	7.789	117	5533	6.009	ug/l #	15
39) Methylcyclohexane	9.185	83	358511	315.951	ug/l #	86
40) Benzene	8.161	78	16554	6.403	ug/l	100
41) Methacrylonitrile	7.356	41	656	2.760	ug/l #	48
43) Isopropyl Acetate	8.271	43	14605	16.203	ug/l #	56
45) 1,2-Dichloropropane	9.179	63	3442	5.544	ug/l #	1
47) Bromodichloromethane	9.472	83	5127	5.552	ug/l #	37
48) Methyl methacrylate	9.240	41	12181	31.783	ug/l #	40
51) 4-Methyl-2-Pentanone	10.118	43	9571	20.185	ug/l	94
52) Toluene	10.246	92	42078	24.610	ug/l	98
55) 1,1,2-Trichloroethane	10.618	97	83566	140.757	ug/l #	20
56) Ethyl methacrylate	10.520	69	29325	38.255	ug/l #	12
59) 2-Hexanone	10.801	43	125521	384.674	ug/l #	33
67) Ethyl Benzene	11.593	91	114766	53.494	ug/l	98
68) m/p-Xylenes	11.703	106	89983	104.710	ug/l	93
69) o-Xylene	12.032	106	126891	153.374	ug/l	90
70) Styrene	12.032	104	6417	4.603	ug/l #	1
73) Isopropylbenzene	12.331	105	94611	71.009	ug/l	99
74) N-amyl acetate	12.124	43	189699	576.223	ug/l #	64
75) 1,1,2,2-Tetrachloroethane	12.532	83	7346	24.676	ug/l #	1
76) 1,2,3-Trichloropropane	12.672	75	1341	5.896	ug/l #	100
77) Bromobenzene	12.593	156	760	2.339	ug/l #	1

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

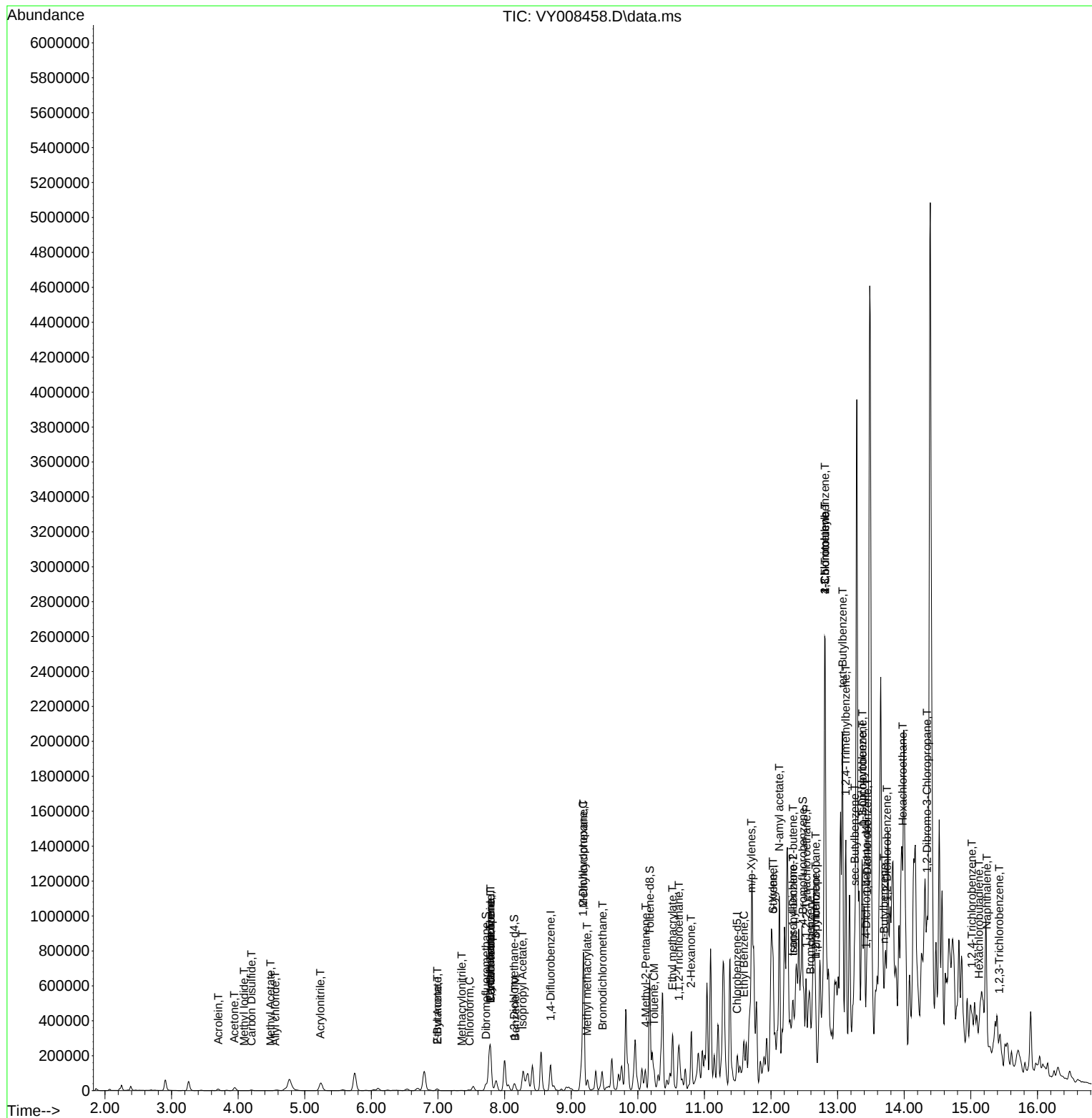
78) n-propylbenzene	12.672	91	142219	88.990	ug/l	95
79) 2-Chlorotoluene	12.812	91	37273	41.438	ug/l	78
80) 1,3,5-Trimethylbenzene	12.812	105	301406	272.536	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.331	75	1392	14.199	ug/l #	1
82) 4-Chlorotoluene	12.812	91	37349	40.070	ug/l	77
83) tert-Butylbenzene	13.075	119	21492	22.386	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	623408	568.120	ug/l	94
85) sec-Butylbenzene	13.258	105	76937	53.101	ug/l #	66
86) p-Isopropyltoluene	13.373	119	398330	328.276	ug/l	96
87) 1,3-Dichlorobenzene	13.373	146	807	1.240	ug/l #	1
88) 1,4-Dichlorobenzene	13.446	146	934	1.449	ug/l #	1
89) n-Butylbenzene	13.696	91	42860	38.917	ug/l #	77
90) Hexachloroethane	13.977	117	8853	40.582	ug/l #	7
91) 1,2-Dichlorobenzene	13.739	146	1116	1.929	ug/l #	69
92) 1,2-Dibromo-3-Chloropr...	14.343	75	360	8.047	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.013	180	1474	4.578	ug/l #	1
94) Hexachlorobutadiene	15.123	225	345	2.196	ug/l	90
95) Naphthalene	15.239	128	36219	49.619	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.428	180	1798	6.380	ug/l #	71

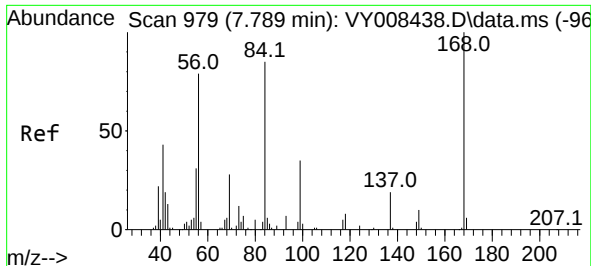
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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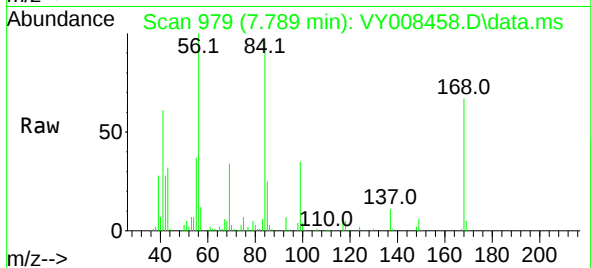
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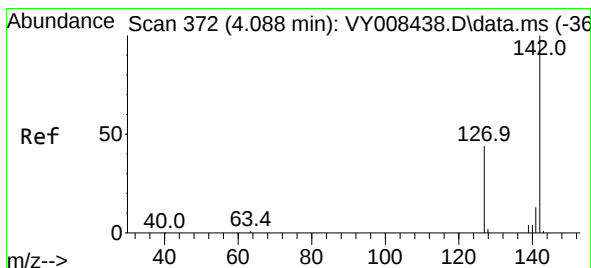
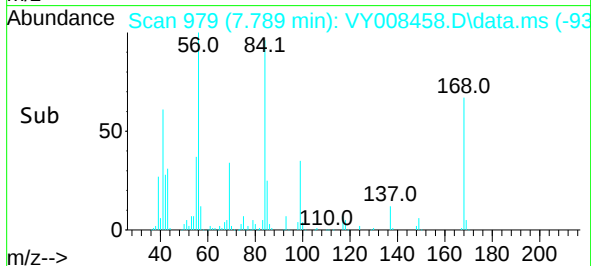
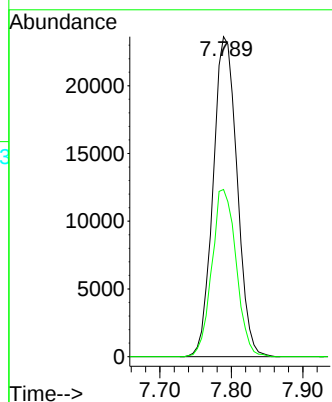


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008458.D
Acq: 22 Apr 2022 12:40

Instrument :
MSVOA_Y
ClientSampleId :

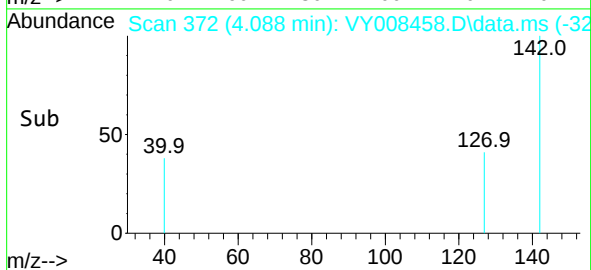
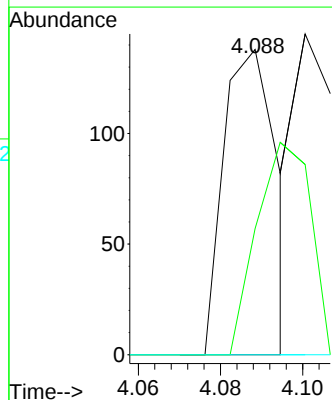
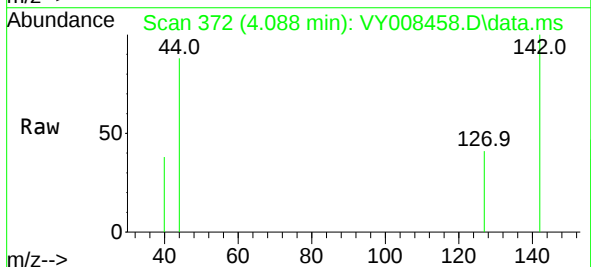


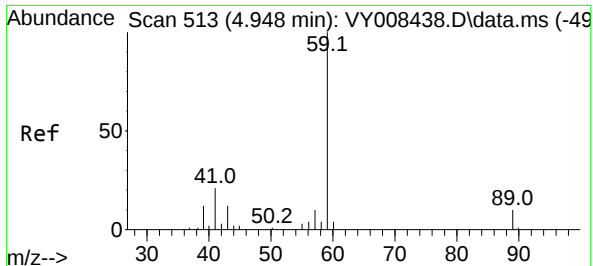
Tgt Ion:168 Resp: 55015
Ion Ratio Lower Upper
168 100
99 52.3 46.9 70.3



#10
Methyl Iodide
Concen: 1.839 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY008458.D
Acq: 22 Apr 2022 12:40

Tgt Ion:142 Resp: 126
Ion Ratio Lower Upper
142 100
127 69.0 41.5 62.3#
141 0.0 11.9 17.9#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.948 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY008458.D

Acq: 22 Apr 2022 12:40

Instrument :

MSVOA_Y

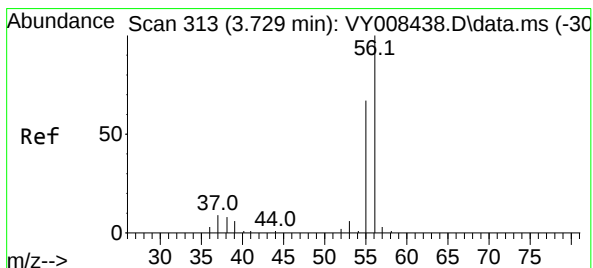
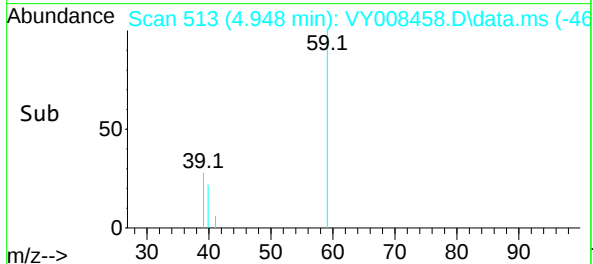
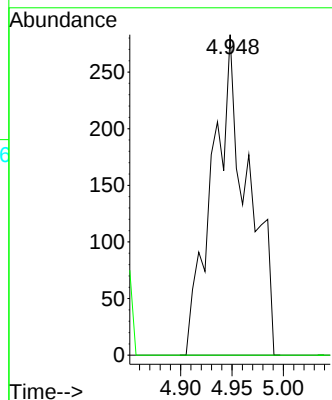
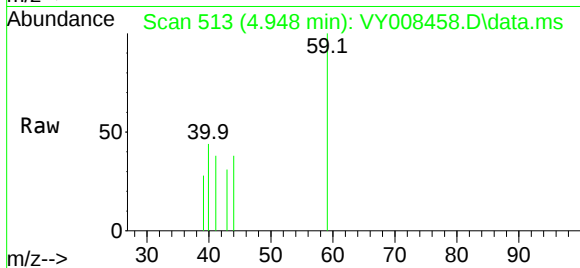
ClientSampleId :

Tgt Ion: 59 Resp: 684

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#13

Acrolein

Concen: 5.789 ug/l

RT: 3.704 min Scan# 309

Delta R.T. -0.025 min

Lab File: VY008458.D

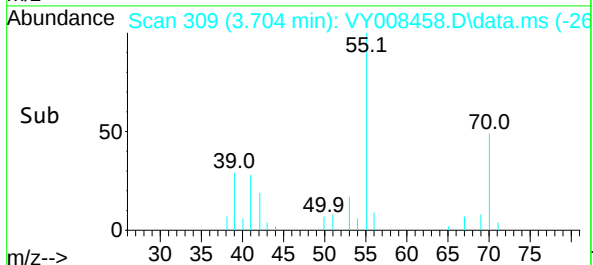
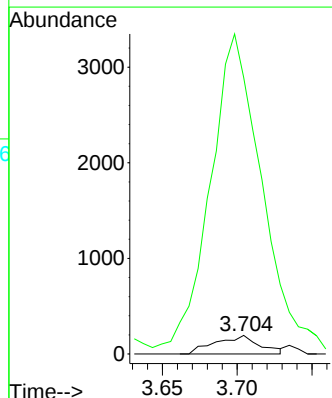
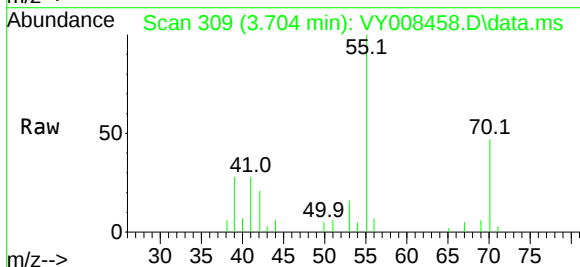
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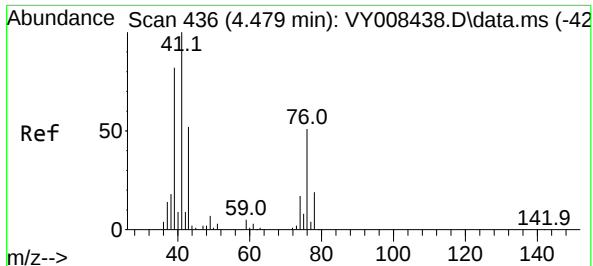
Tgt Ion: 56 Resp: 399

Ion Ratio Lower Upper

56 100

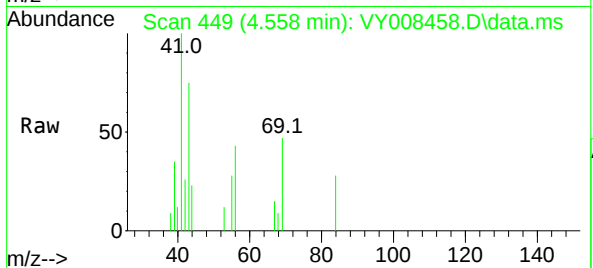
55 2048.4 57.6 86.4#



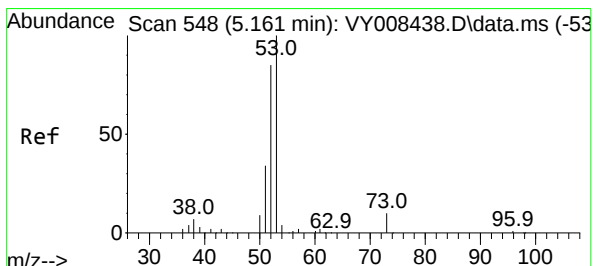
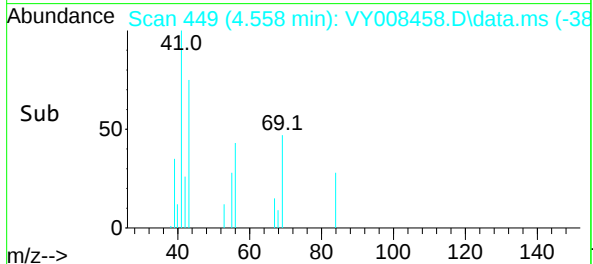
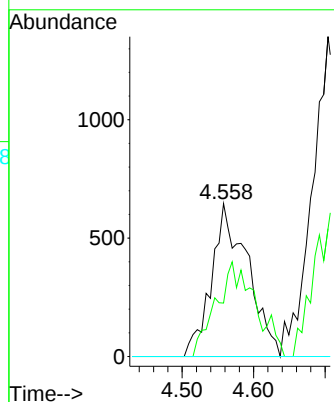


#14
 Allyl chloride
 Concen: 2.928 ug/l
 RT: 4.558 min Scan# 449
 Delta R.T. 0.079 min
 Lab File: VY008458.D
 Acq: 22 Apr 2022 12:40

Instrument :
 MSVOA_Y
 ClientSampleId :

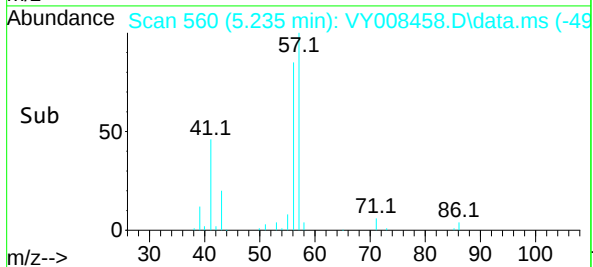
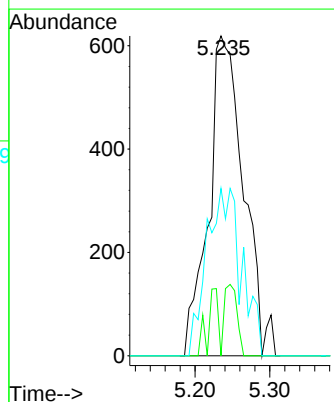
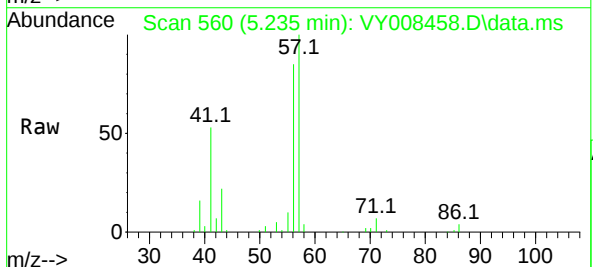


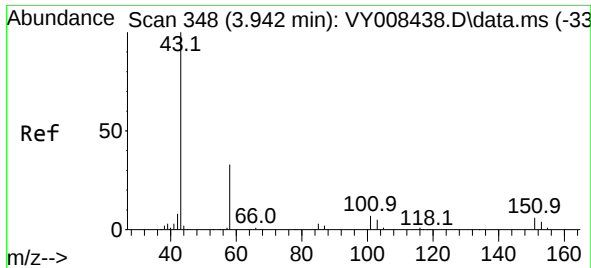
Tgt Ion: 41 Resp: 2273
 Ion Ratio Lower Upper
 41 100
 39 59.7 58.8 88.2
 76 0.0 25.1 37.7#



#15
 Acrylonitrile
 Concen: 10.826 ug/l
 RT: 5.235 min Scan# 560
 Delta R.T. 0.074 min
 Lab File: VY008458.D
 Acq: 22 Apr 2022 12:40

Tgt Ion: 53 Resp: 2016
 Ion Ratio Lower Upper
 53 100
 52 6.2 67.0 100.4#
 51 52.0 29.8 44.6#

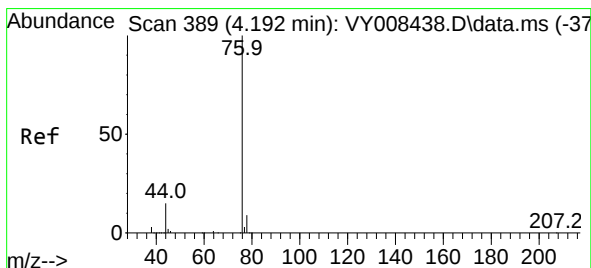
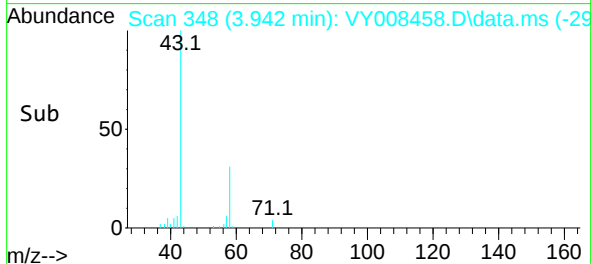
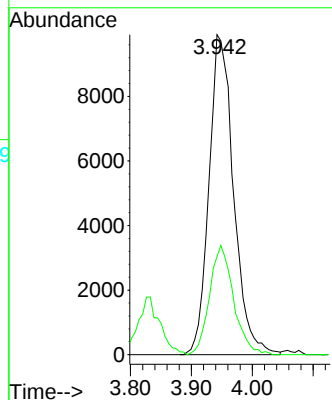
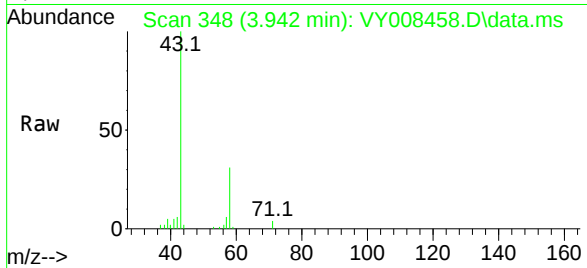




#16
Acetone
Concen: 184.674 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY008458.D
Acq: 22 Apr 2022 12:40

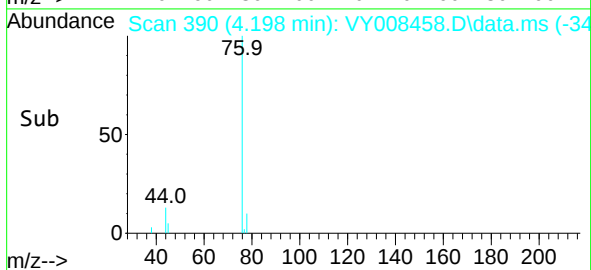
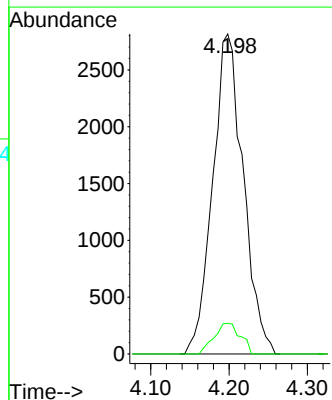
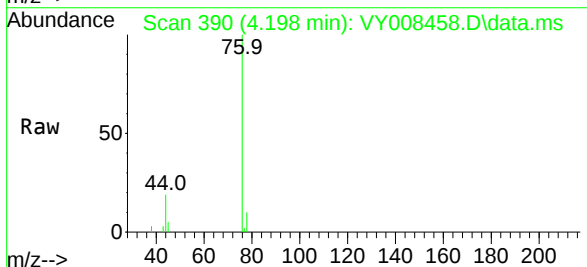
Instrument :
MSVOA_Y
ClientSampleId :

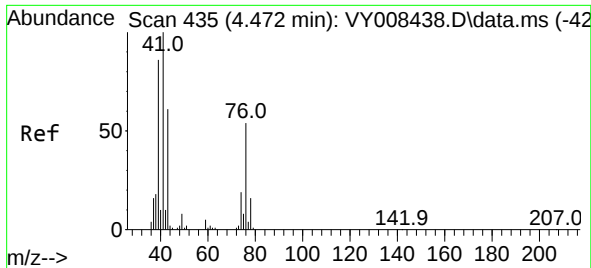
Tgt Ion: 43 Resp: 27844
Ion Ratio Lower Upper
43 100
58 30.6 22.0 33.0



#17
Carbon Disulfide
Concen: 4.243 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY008458.D
Acq: 22 Apr 2022 12:40

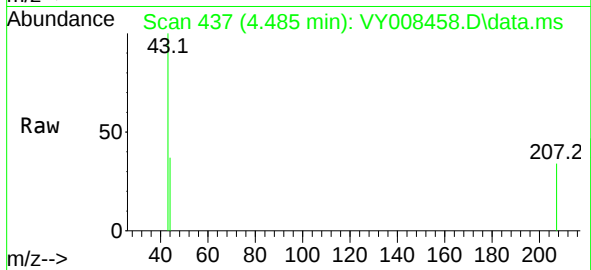
Tgt Ion: 76 Resp: 7629
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



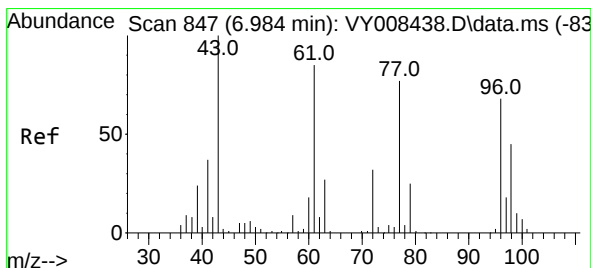
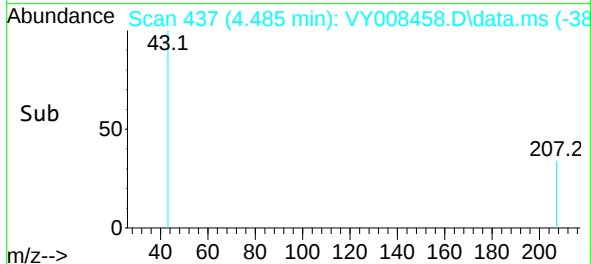
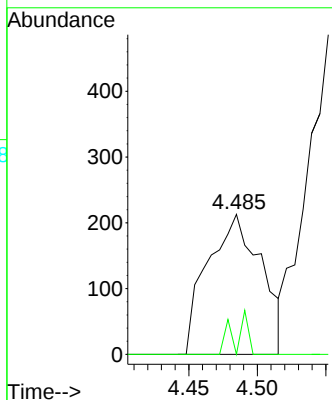


#18
Methyl Acetate
Concen: 1.376 ug/l
RT: 4.485 min Scan# 41
Delta R.T. 0.013 min
Lab File: VY008458.D
Acq: 22 Apr 2022 12:40

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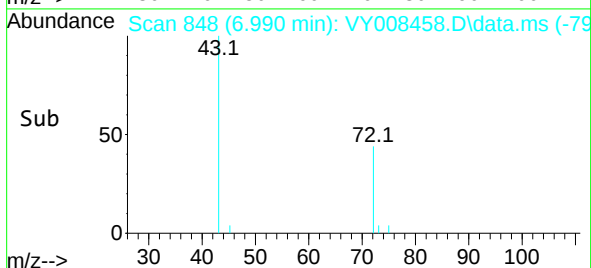
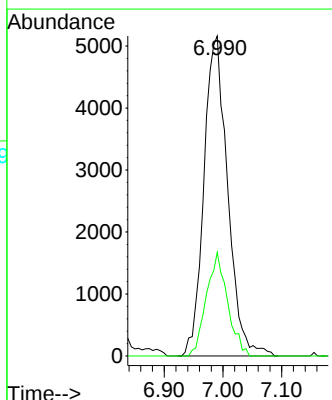
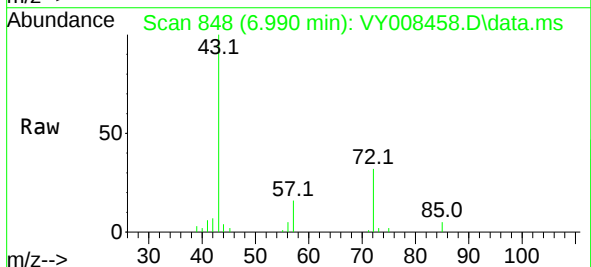


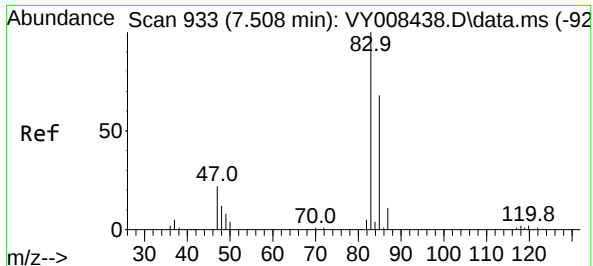
Tgt Ion: 43 Resp: 582
Ion Ratio Lower Upper
43 100
74 3.3 16.6 24.8#



#25
2-Butanone
Concen: 62.112 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY008458.D
Acq: 22 Apr 2022 12:40

Tgt Ion: 43 Resp: 14488
Ion Ratio Lower Upper
43 100
72 32.3 17.7 26.5#

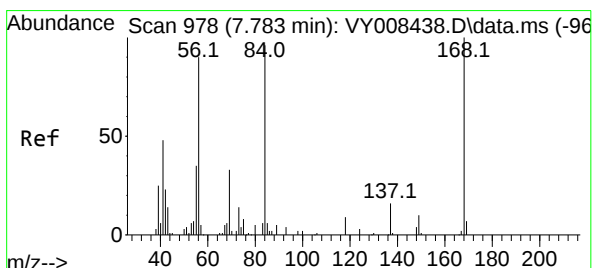
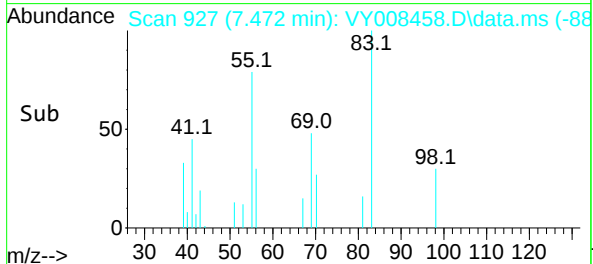
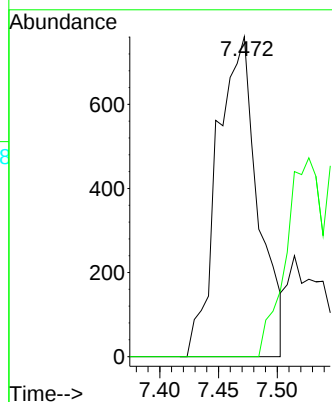
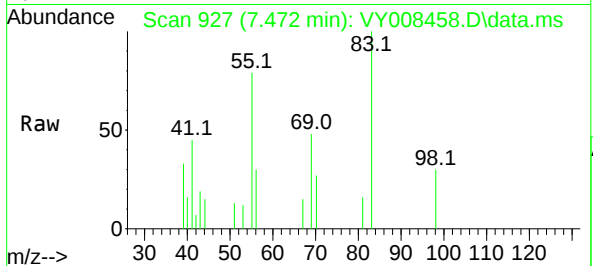




#30
Chloroform
Concen: 1.433 ug/l
RT: 7.472 min Scan# 91
Delta R.T. -0.036 min
Lab File: VY008458.D
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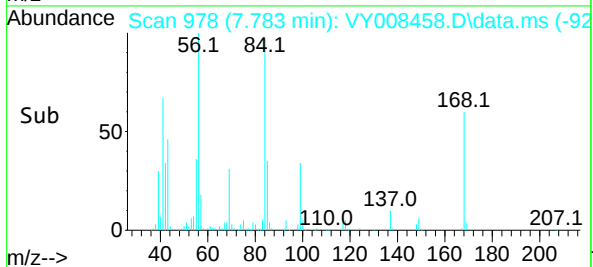
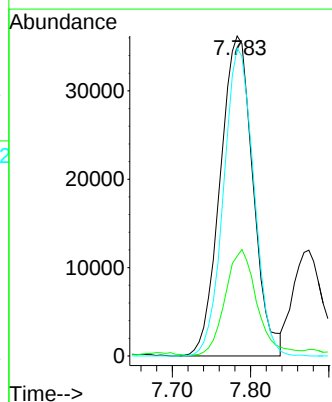
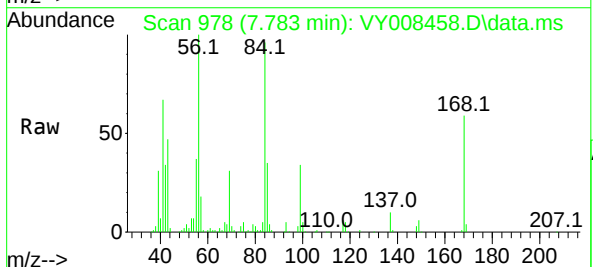
Instrument :
MSVOA_Y
ClientSampleId :

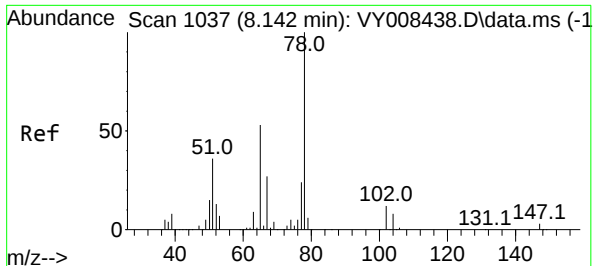
Tgt Ion: 83 Resp: 1837
Ion Ratio Lower Upper
83 100
85 0.0 51.8 77.6#



#31
Cyclohexane
Concen: 99.260 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY008458.D
Acq: 22 Apr 2022 12:40

Tgt Ion: 56 Resp: 105629
Ion Ratio Lower Upper
56 100
69 30.8 26.7 40.1
84 96.2 67.2 100.8





#33

1,2-Dichloroethane-d4

Concen: 38.140 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.001 min

Lab File: VY008458.D

Acq: 22 Apr 2022 12:40

Instrument :

MSVOA_Y

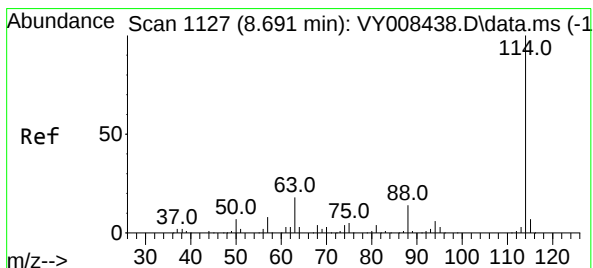
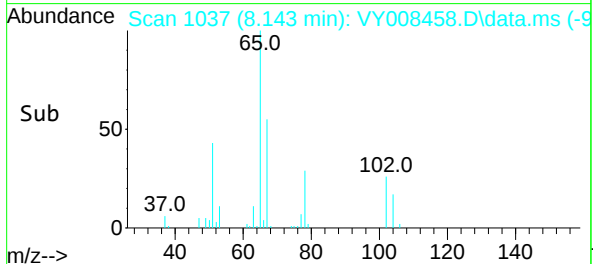
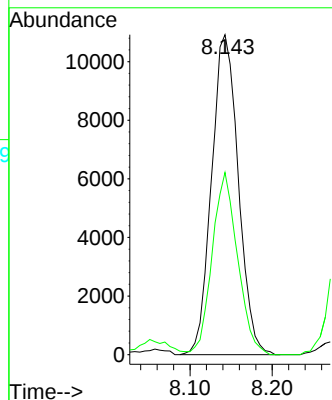
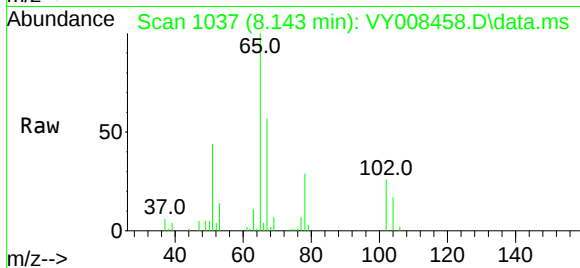
ClientSampleId :

Tgt Ion: 65 Resp: 24689

Ion Ratio Lower Upper

65 100

67 53.9 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: VY008458.D

Acq: 22 Apr 2022 12:40

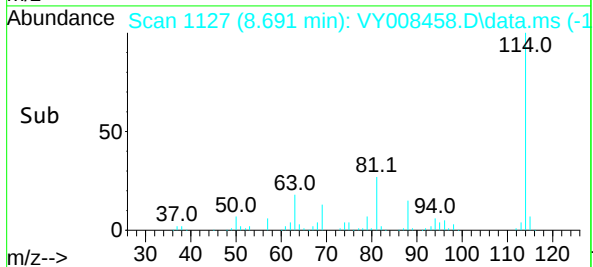
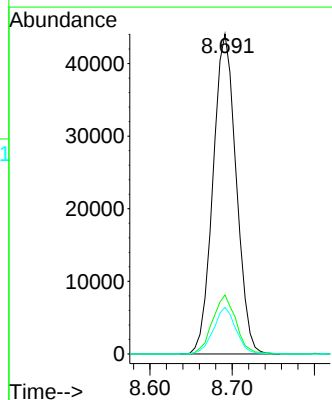
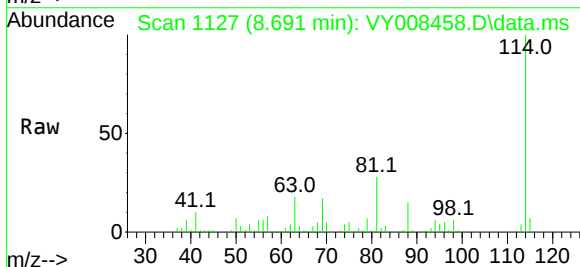
Tgt Ion: 114 Resp: 86325

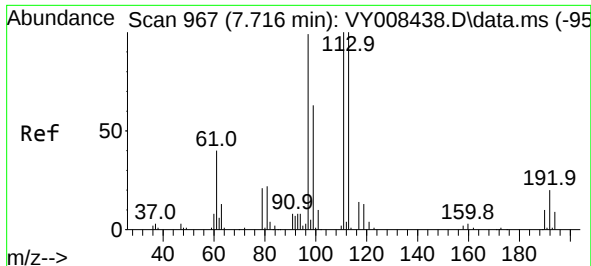
Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

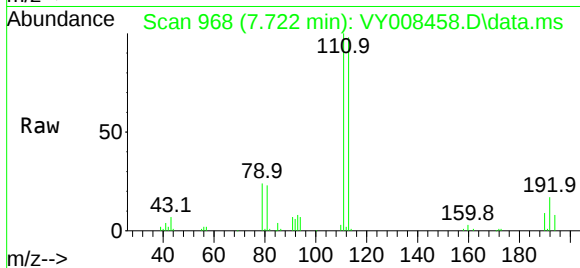
88 14.6 0.0 31.8



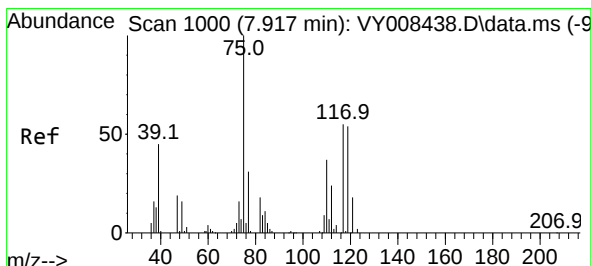
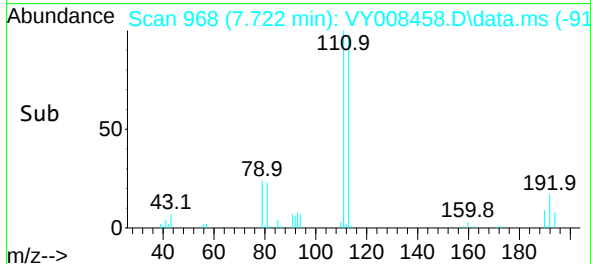
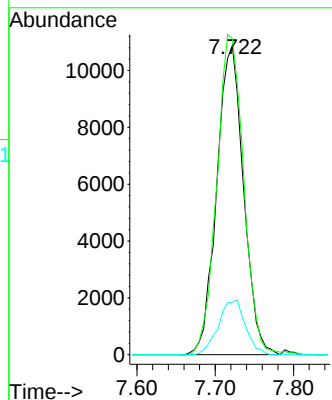


#35
Dibromofluoromethane
Concen: 46.381 ug/l
RT: 7.722 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY008458.D
Acq: 22 Apr 2022 12:40

Instrument :
MSVOA_Y
ClientSampleId :

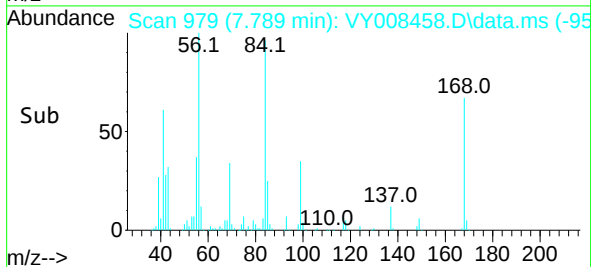
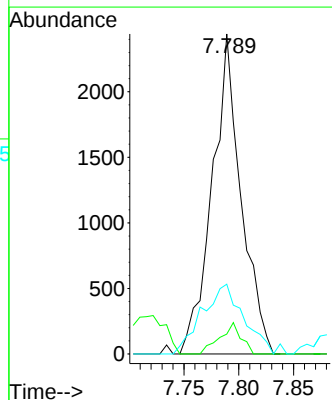
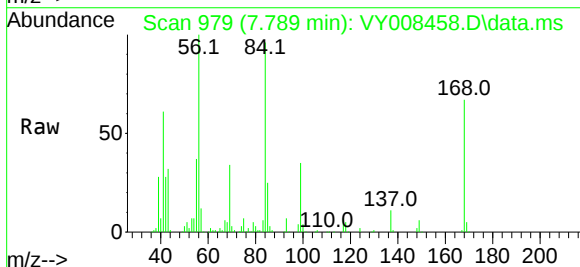


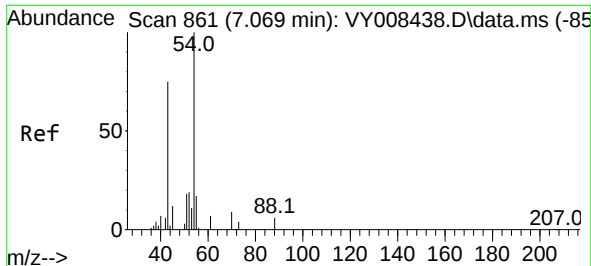
Tgt Ion:113 Resp: 25840
Ion Ratio Lower Upper
113 100
111 104.0 82.6 124.0
192 17.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.064 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008458.D
Acq: 22 Apr 2022 12:40

Tgt Ion: 75 Resp: 4488
Ion Ratio Lower Upper
75 100
110 7.2 17.1 51.2#
77 31.7 24.4 36.6





#37

Ethyl Acetate

Concen: 29.561 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.079 min

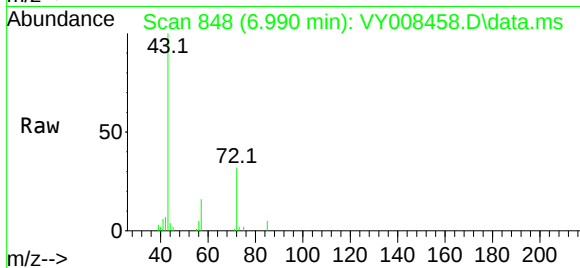
Lab File: VY008458.D

Acq: 22 Apr 2022 12:40

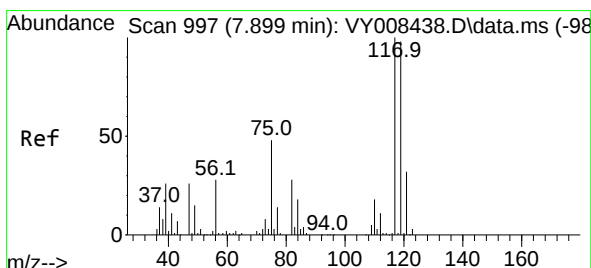
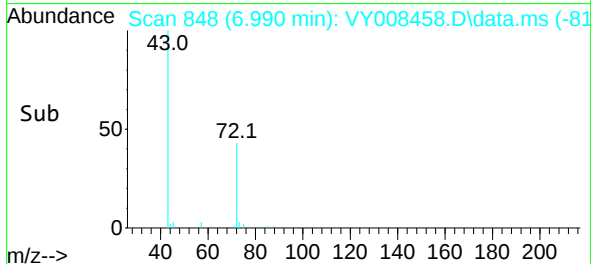
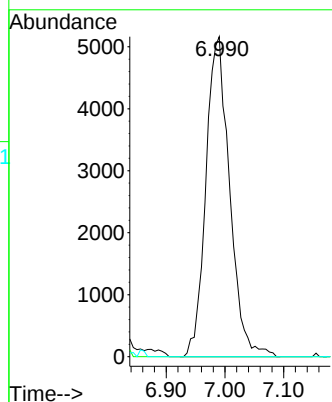
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	14488
Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.7	14.5#
70	0.0	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 6.009 ug/l

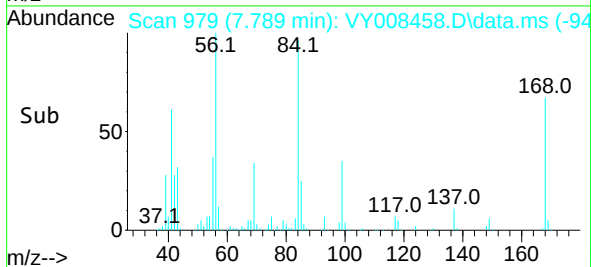
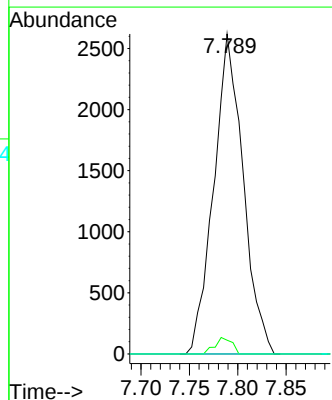
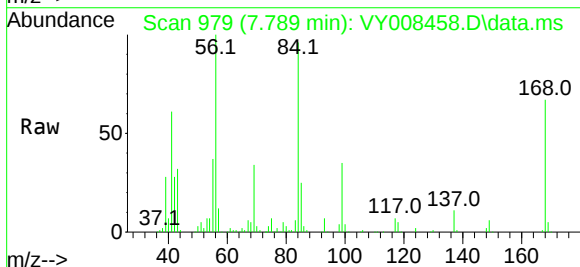
RT: 7.789 min Scan# 979

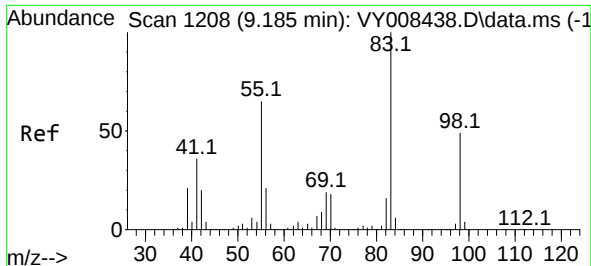
Delta R.T. -0.110 min

Lab File: VY008458.D

Acq: 22 Apr 2022 12:40

Tgt Ion:	117	Resp:	5533
Ion	Ratio	Lower	Upper
117	100		
119	4.3	77.9	116.9#
121	0.0	24.8	37.2#





#39

Methylcyclohexane

Concen: 315.951 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008458.D

Acq: 22 Apr 2022 12:40

Instrument :

MSVOA_Y

ClientSampleId :

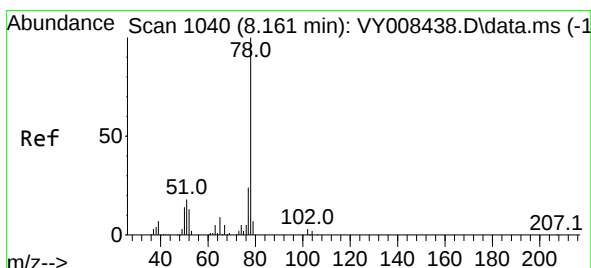
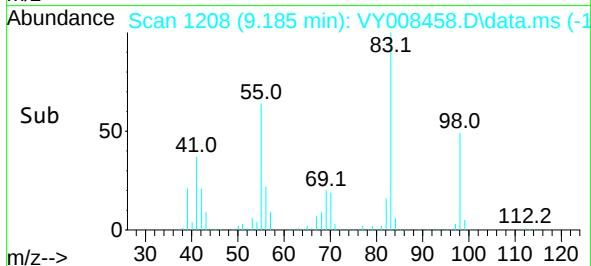
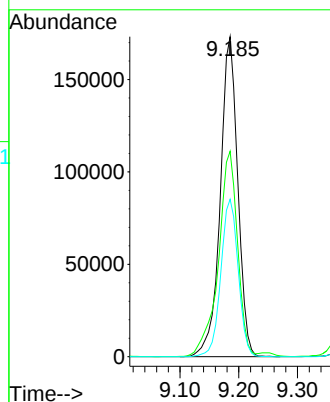
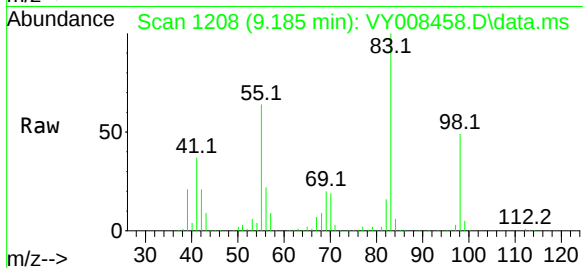
Tgt Ion: 83 Resp: 358511

Ion Ratio Lower Upper

83 100

55 64.1 66.5 99.7#

98 49.2 37.9 56.9



#40

Benzene

Concen: 6.403 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY008458.D

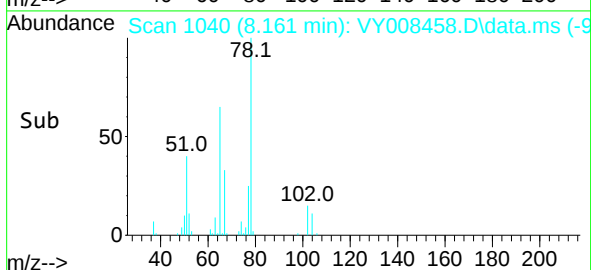
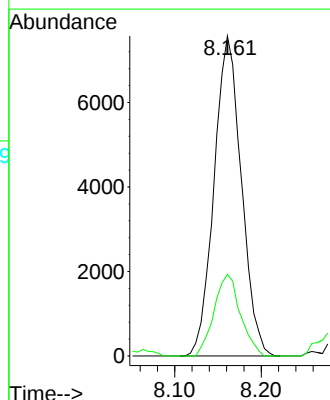
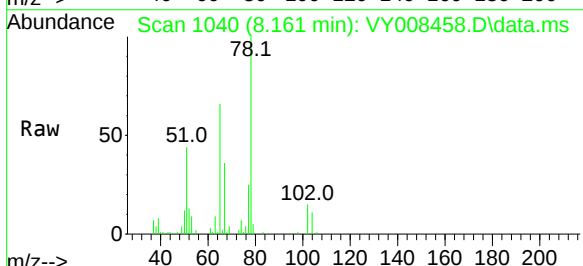
Acq: 22 Apr 2022 12:40

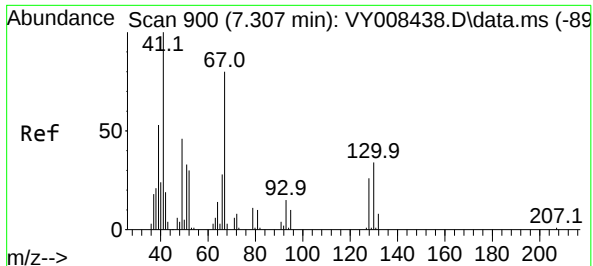
Tgt Ion: 78 Resp: 16554

Ion Ratio Lower Upper

78 100

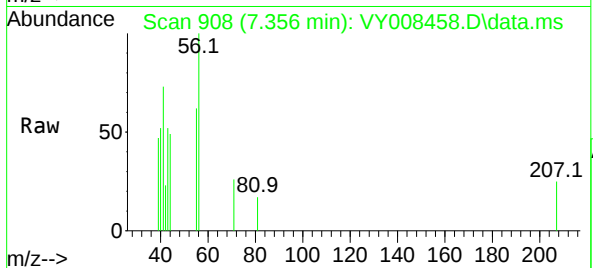
77 25.5 20.4 30.6



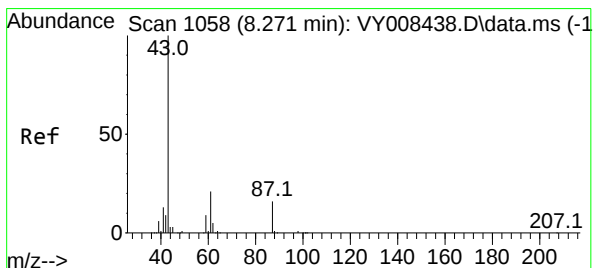
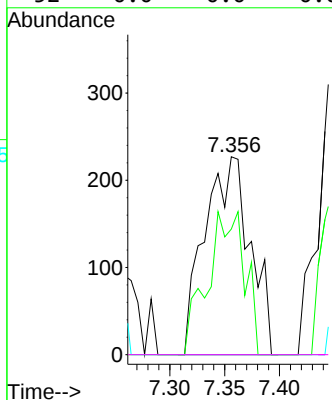
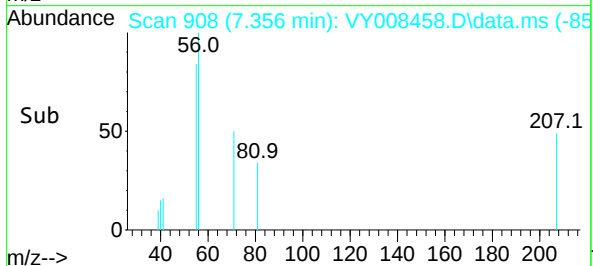


#41
Methacrylonitrile
Concen: 2.760 ug/l
RT: 7.356 min Scan# 900
Delta R.T. 0.049 min
Lab File: VY008458.D
Acq: 22 Apr 2022 12:40

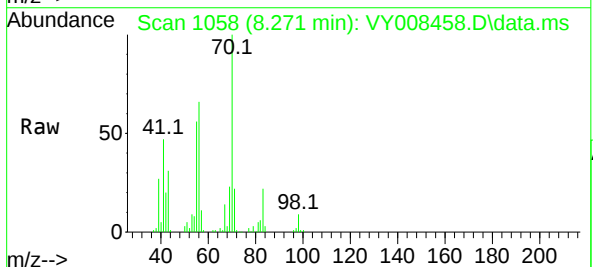
Instrument :
MSVOA_Y
ClientSampleId :



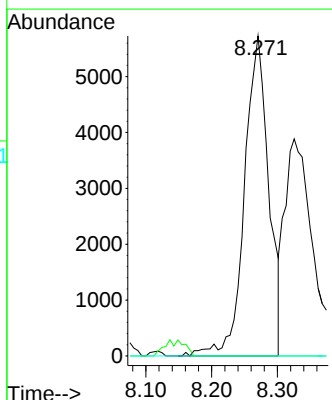
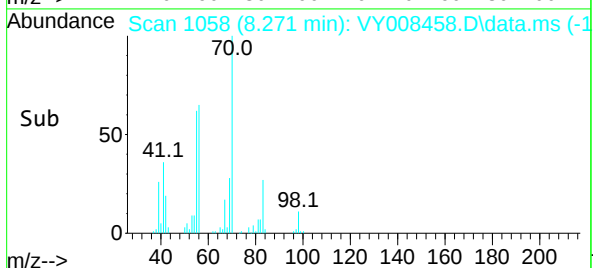
Tgt Ion: 41	Resp: 656
Ion Ratio	Lower Upper
41 100	
39 59.3	92.9 139.3#
67 0.0	0.0 0.0
52 0.0	0.0 0.0

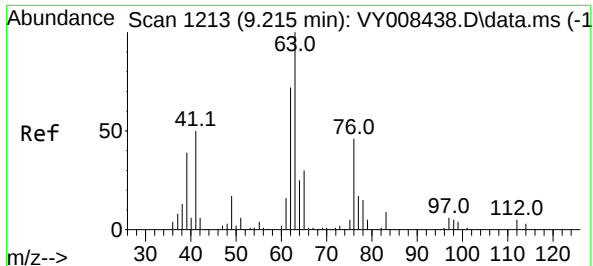


#43
Isopropyl Acetate
Concen: 16.203 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY008458.D
Acq: 22 Apr 2022 12:40



Tgt Ion: 43	Resp: 14605
Ion Ratio	Lower Upper
43 100	
61 0.0	20.2 30.2#
87 0.0	8.9 13.3#





#45

1,2-Dichloropropane

Concen: 5.544 ug/l

RT: 9.179 min Scan# 1207

Delta R.T. -0.036 min

Lab File: VY008458.D

Acq: 22 Apr 2022 12:40

Instrument :

MSVOA_Y

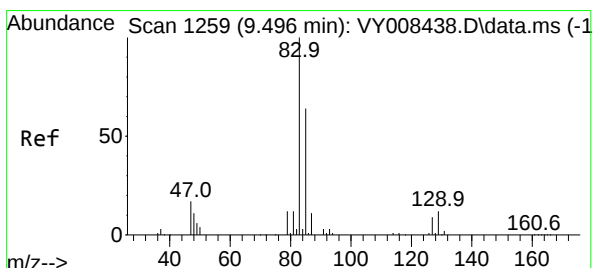
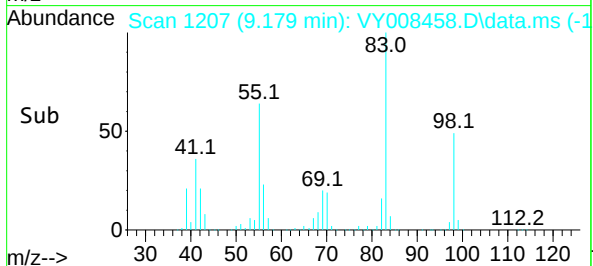
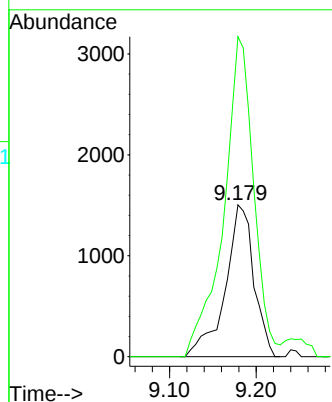
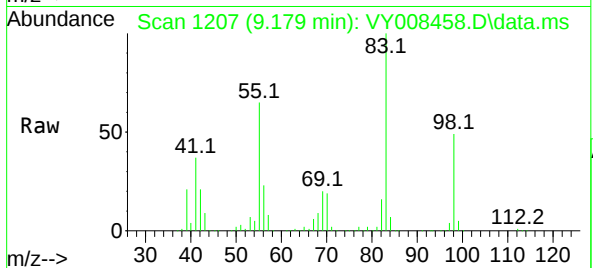
ClientSampleId :

Tgt Ion: 63 Resp: 3442

Ion Ratio Lower Upper

63 100

65 210.7 23.0 34.6#



#47

Bromodichloromethane

Concen: 5.552 ug/l

RT: 9.472 min Scan# 1255

Delta R.T. -0.024 min

Lab File: VY008458.D

Acq: 22 Apr 2022 12:40

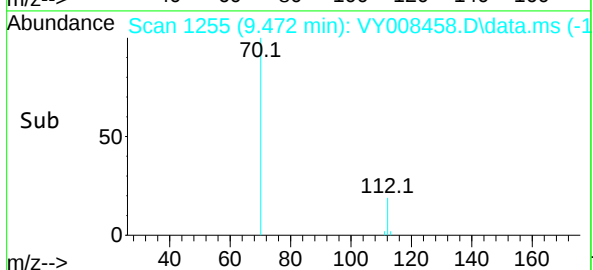
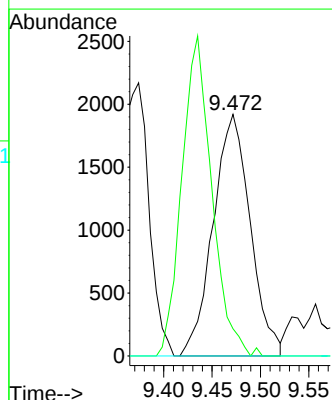
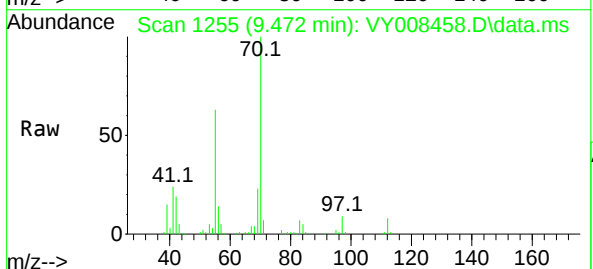
Tgt Ion: 83 Resp: 5127

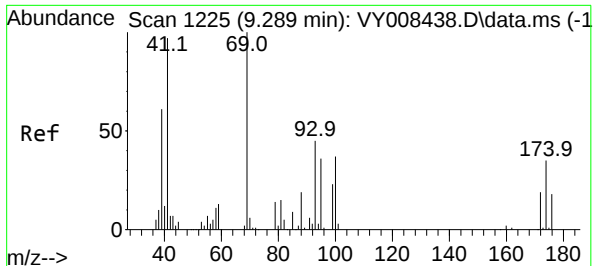
Ion Ratio Lower Upper

83 100

85 11.3 51.9 77.9#

127 0.0 6.6 10.0#

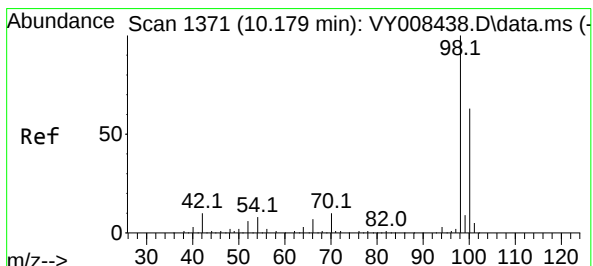
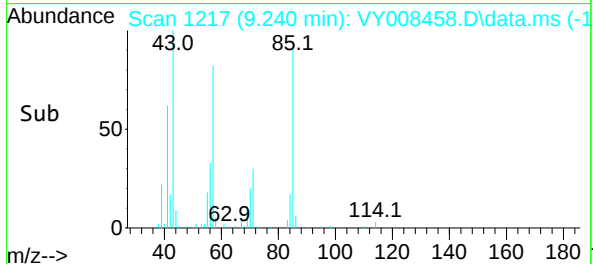
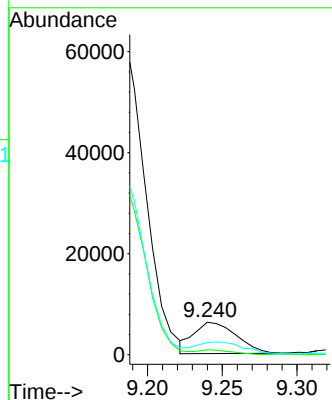
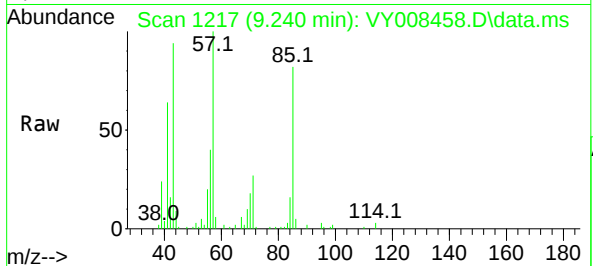




#48
Methyl methacrylate
Concen: 31.783 ug/l
RT: 9.240 min Scan# 1217
Delta R.T. -0.049 min
Lab File: VY008458.D
Acq: 22 Apr 2022 12:40

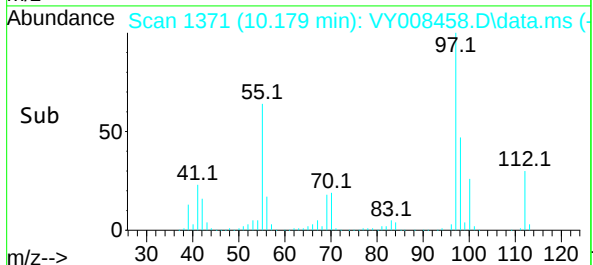
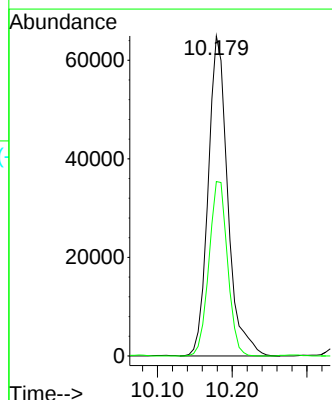
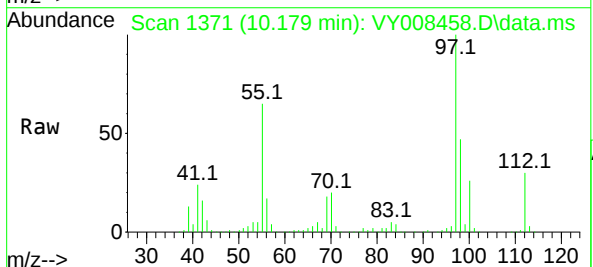
Instrument :
MSVOA_Y
ClientSampleId :

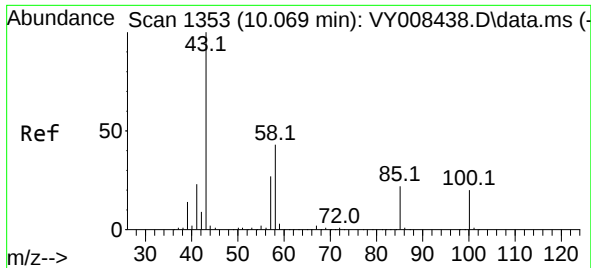
Tgt Ion: 41 Resp: 12181
Ion Ratio Lower Upper
41 100
69 0.0 58.2 87.2#
39 38.9 47.4 71.0#



#50
Toluene-d8
Concen: 53.136 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008458.D
Acq: 22 Apr 2022 12:40

Tgt Ion: 98 Resp: 118290
Ion Ratio Lower Upper
98 100
100 51.7 50.2 75.2

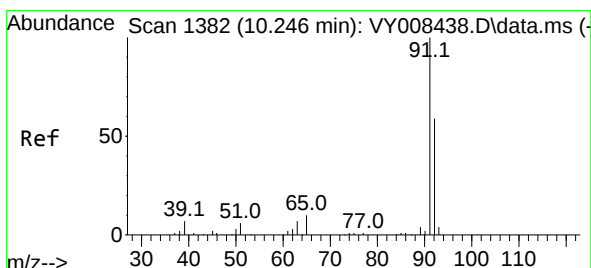
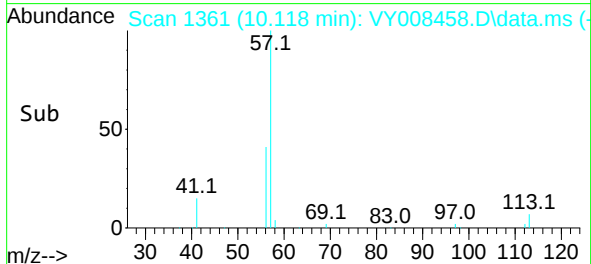
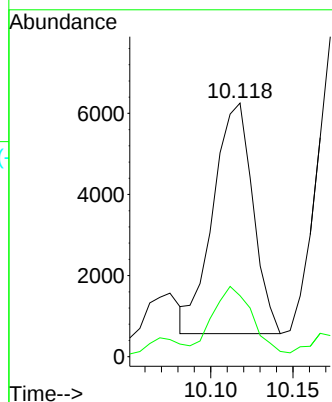
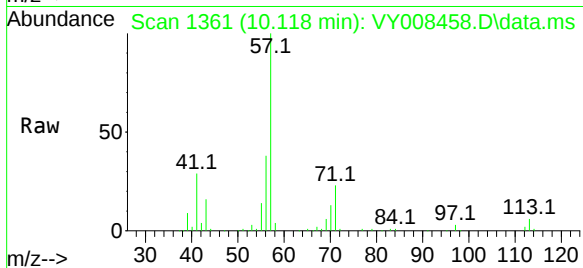




#51
4-Methyl-2-Pentanone
Concen: 20.185 ug/l
RT: 10.118 min Scan# 1361
Delta R.T. 0.049 min
Lab File: VY008458.D
Acq: 22 Apr 2022 12:40

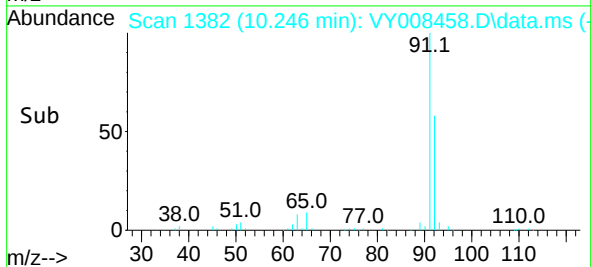
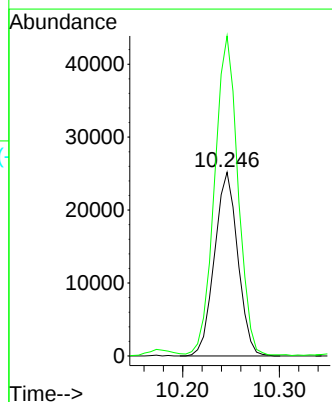
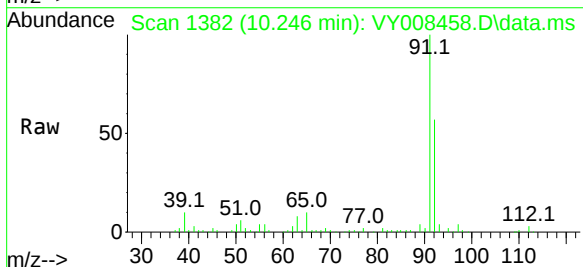
Instrument :
MSVOA_Y
ClientSampleId :

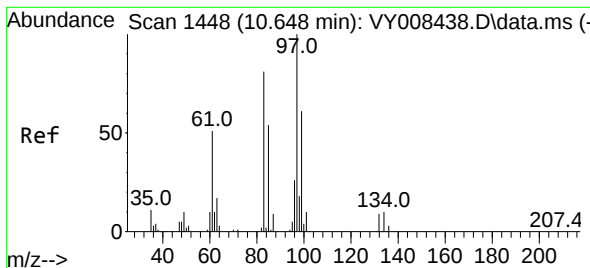
Tgt Ion: 43 Resp: 9571
Ion Ratio Lower Upper
43 100
58 31.4 28.1 42.1



#52
Toluene
Concen: 24.610 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY008458.D
Acq: 22 Apr 2022 12:40

Tgt Ion: 92 Resp: 42078
Ion Ratio Lower Upper
92 100
91 175.3 142.6 213.8





#55

1,1,2-Trichloroethane

Concen: 140.757 ug/l

RT: 10.618 min Scan# 1443

Delta R.T. -0.030 min

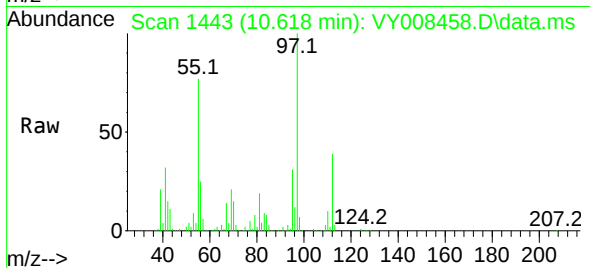
Lab File: VY008458.D

Acq: 22 Apr 2022 12:40

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 83566

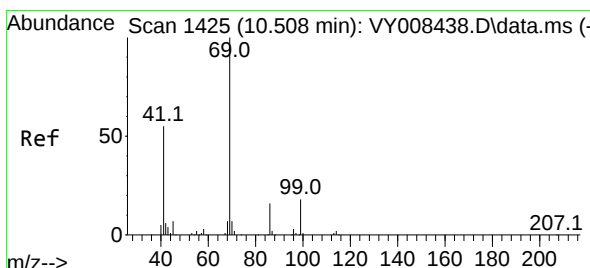
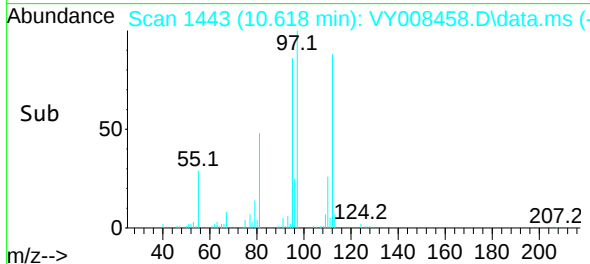
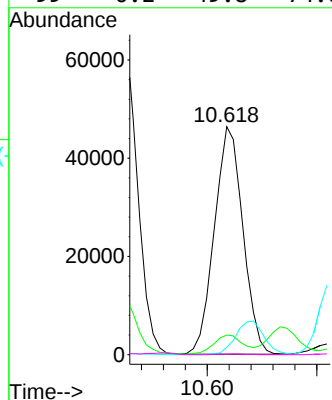
Ion Ratio Lower Upper

97 100

83 8.2 69.8 104.8#

85 3.2 44.3 66.5#

99 0.2 49.8 74.6#



#56

Ethyl methacrylate

Concen: 38.255 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.012 min

Lab File: VY008458.D

Acq: 22 Apr 2022 12:40

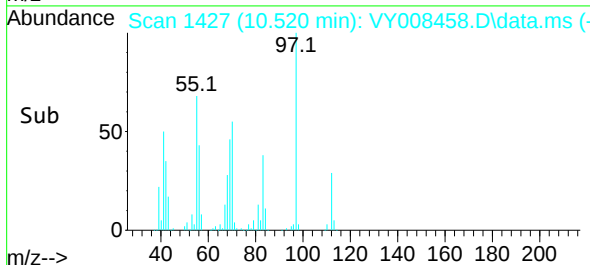
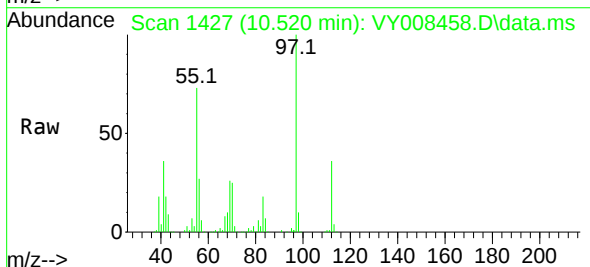
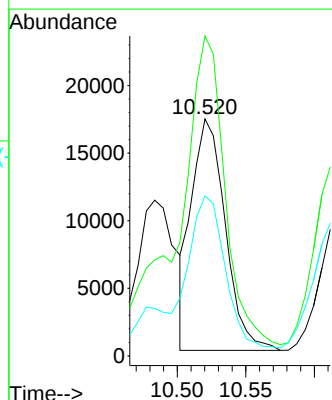
Tgt Ion: 69 Resp: 29325

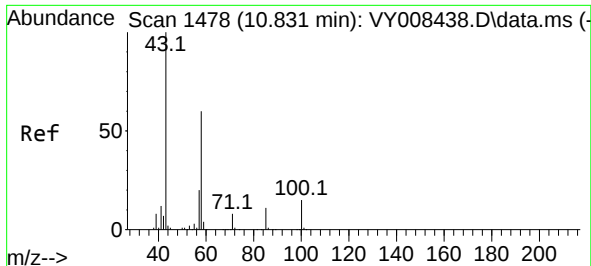
Ion Ratio Lower Upper

69 100

41 180.5 63.4 95.0#

39 70.1 35.8 53.8#

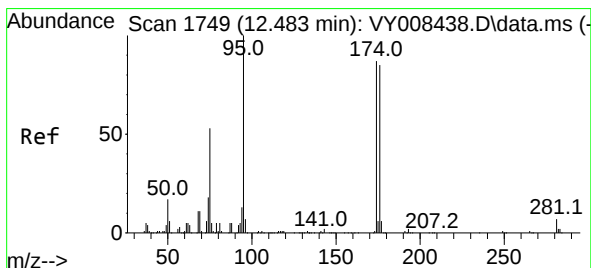
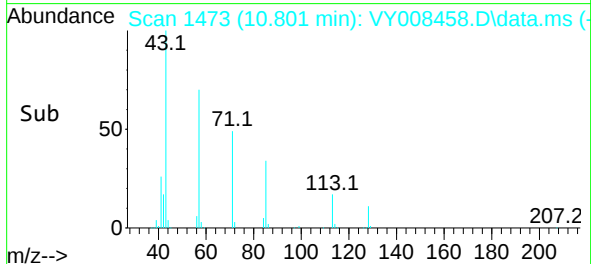
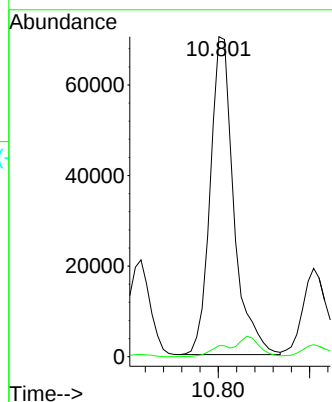
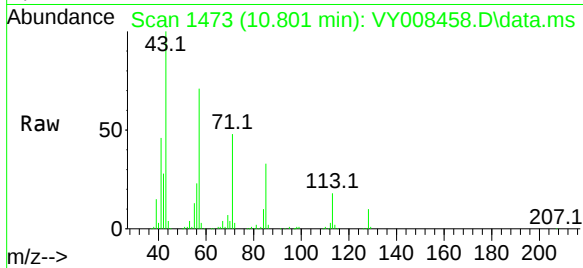




#59
2-Hexanone
Concen: 384.674 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.030 min
Lab File: VY008458.D
Acq: 22 Apr 2022 12:40

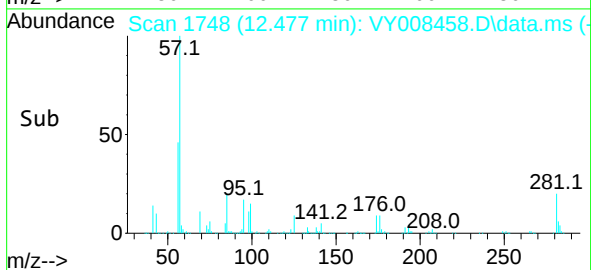
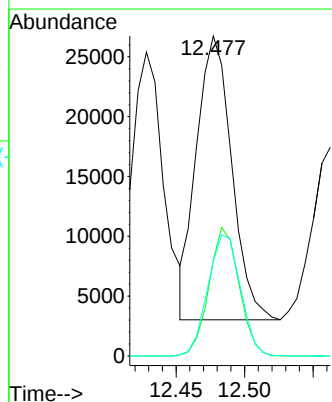
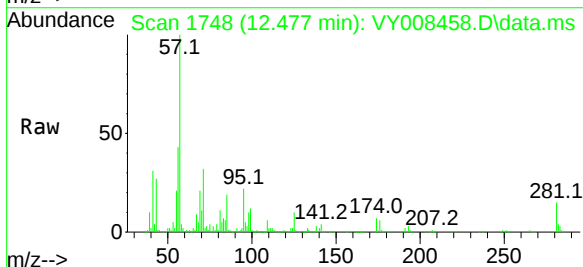
Instrument :
MSVOA_Y
ClientSampleId :

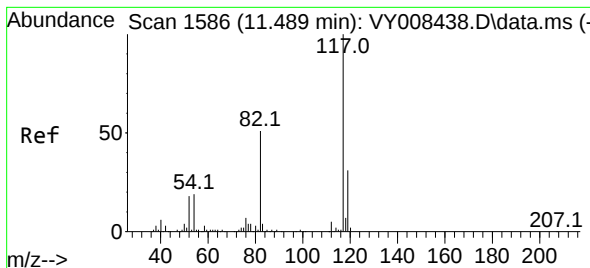
Tgt Ion: 43 Resp: 125521
Ion Ratio Lower Upper
43 100
58 3.0 24.4 73.4#



#62
4-Bromofluorobenzene
Concen: 56.508 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008458.D
Acq: 22 Apr 2022 12:40

Tgt Ion: 95 Resp: 42392
Ion Ratio Lower Upper
95 100
174 38.7 0.0 177.0
176 39.5 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

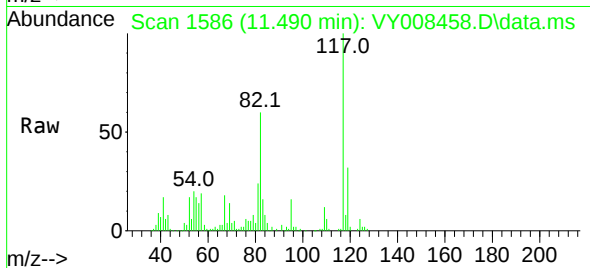
Lab File: VY008458.D

Acq: 22 Apr 2022 12:40

Instrument :

MSVOA_Y

ClientSampleId :



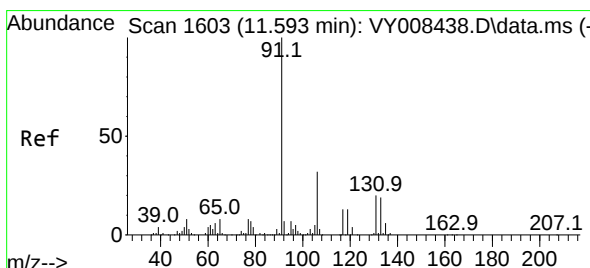
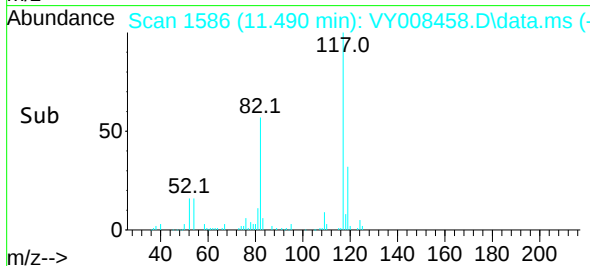
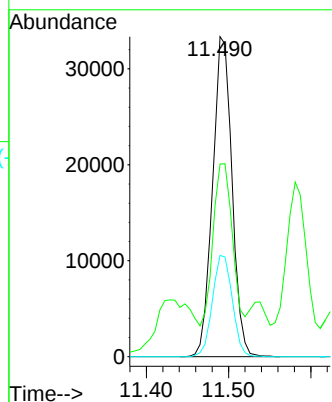
Tgt Ion:117 Resp: 54671

Ion Ratio Lower Upper

117 100

82 44.8 43.0 64.4

119 31.7 25.4 38.0



#67

Ethyl Benzene

Concen: 53.494 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY008458.D

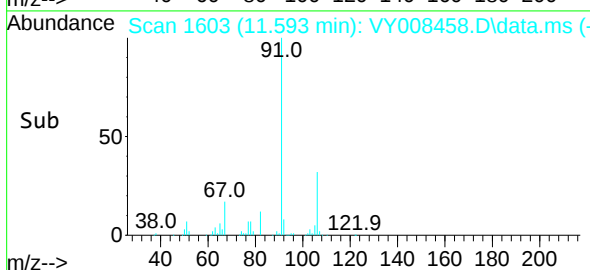
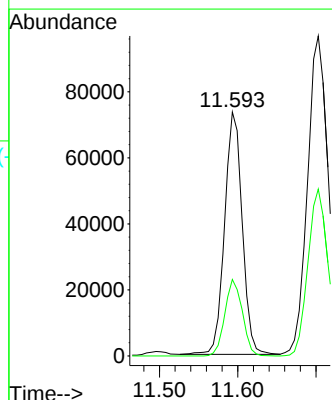
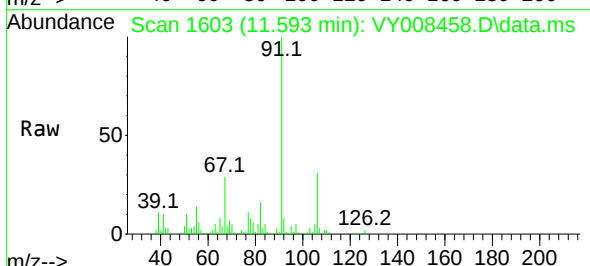
Acq: 22 Apr 2022 12:40

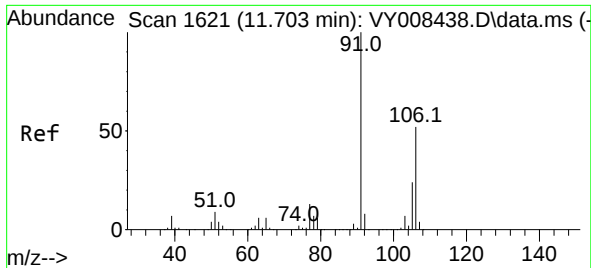
Tgt Ion: 91 Resp: 114766

Ion Ratio Lower Upper

91 100

106 31.5 24.5 36.7

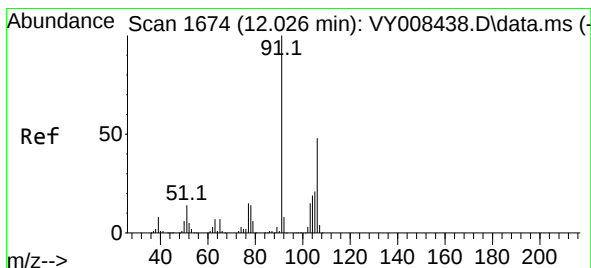
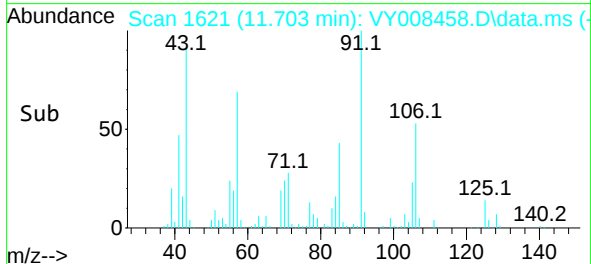
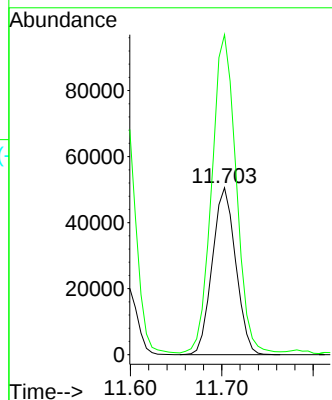
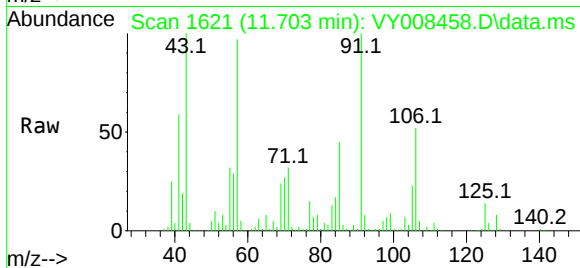




#68
m/p-Xylenes
Concen: 104.710 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY008458.D
Acq: 22 Apr 2022 12:40

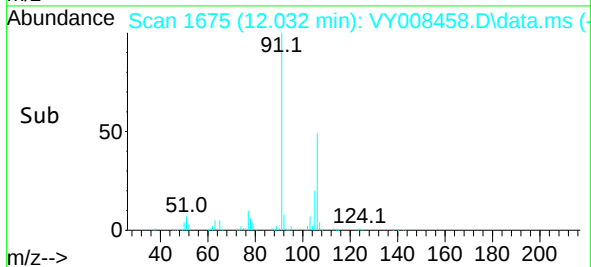
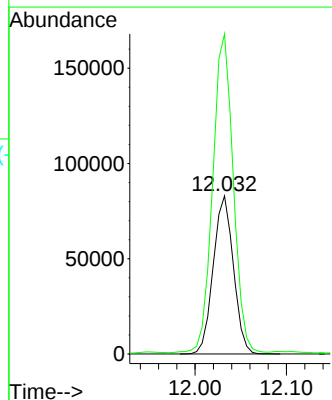
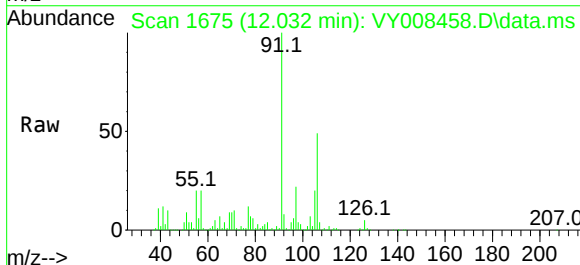
Instrument :
MSVOA_Y
ClientSampleId :

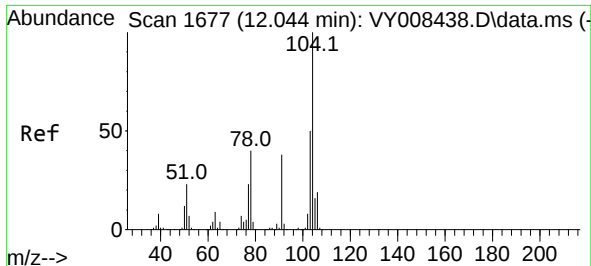
Tgt Ion:106 Resp: 89983
Ion Ratio Lower Upper
106 100
91 197.3 166.6 249.8



#69
o-Xylene
Concen: 153.374 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY008458.D
Acq: 22 Apr 2022 12:40

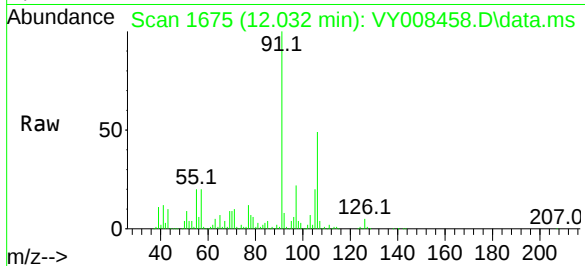
Tgt Ion:106 Resp: 126891
Ion Ratio Lower Upper
106 100
91 205.1 110.3 331.0



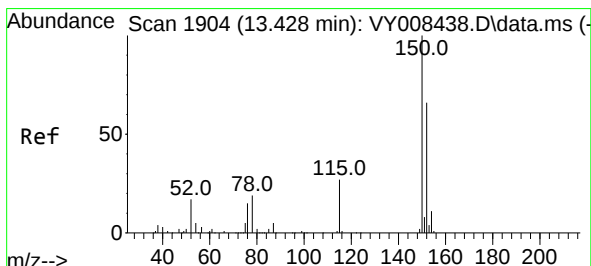
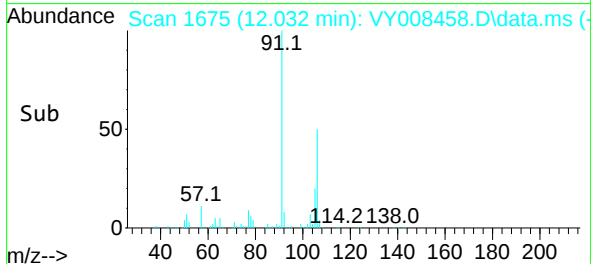
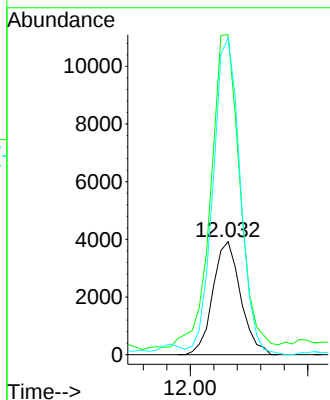


#70
Styrene
Concen: 4.603 ug/l
RT: 12.032 min Scan# 1
Delta R.T. -0.012 min
Lab File: VY008458.D
Acq: 22 Apr 2022 12:40

Instrument :
MSVOA_Y
ClientSampleId :

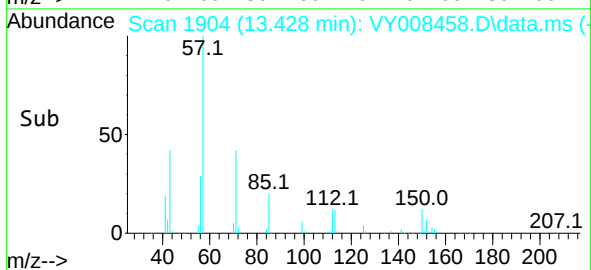
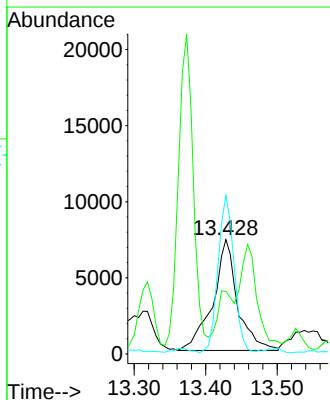
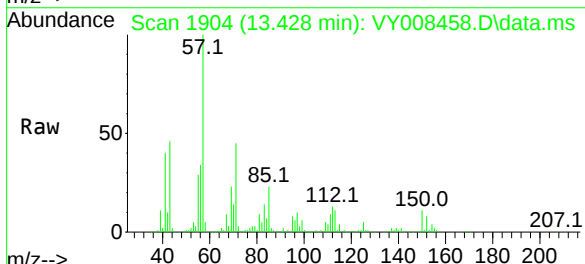


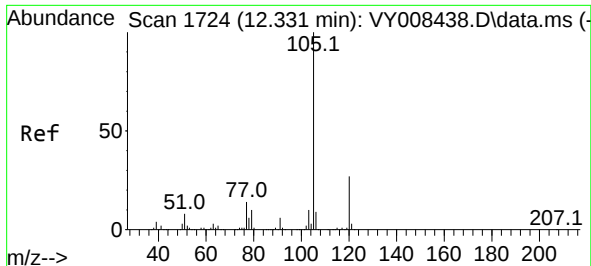
Tgt Ion:104 Resp: 6417
Ion Ratio Lower Upper
104 100
78 296.2 42.4 63.6#
103 275.9 44.4 66.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008458.D
Acq: 22 Apr 2022 12:40

Tgt Ion:152 Resp: 17573
Ion Ratio Lower Upper
152 100
115 33.1 28.2 84.7
150 92.3 0.0 347.6

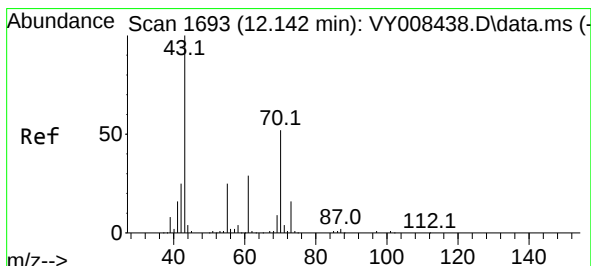
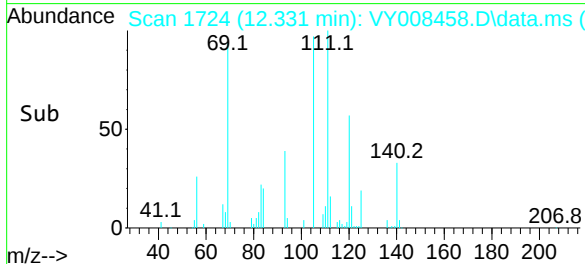
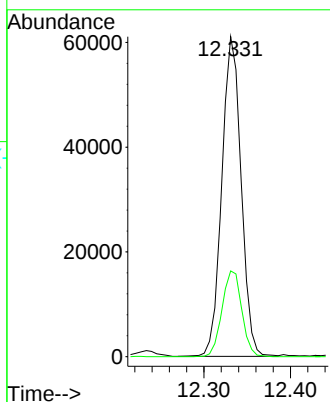
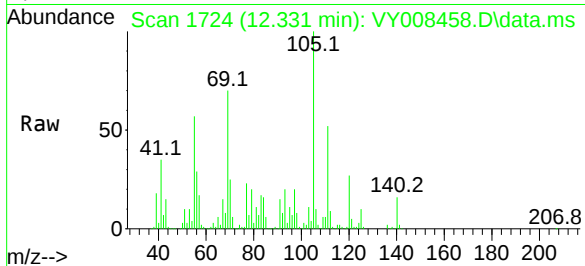




#73
Isopropylbenzene
Concen: 71.009 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008458.D
Acq: 22 Apr 2022 12:40

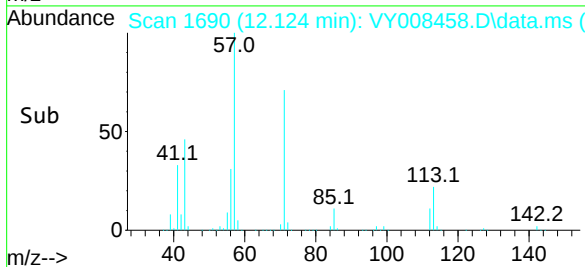
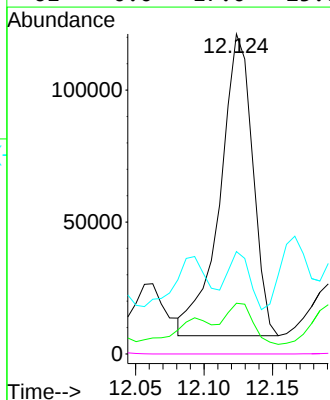
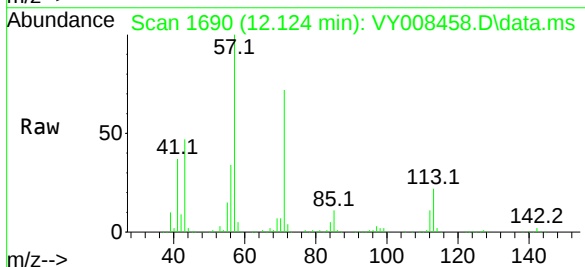
Instrument :
MSVOA_Y
ClientSampleId :

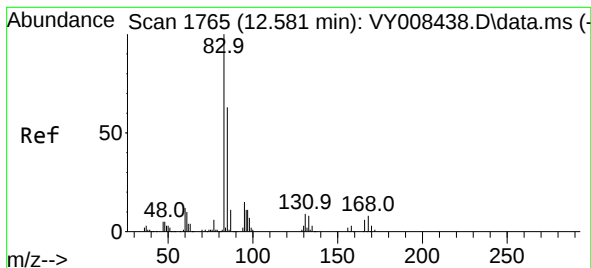
Tgt Ion:105 Resp: 94611
Ion Ratio Lower Upper
105 100
120 27.3 13.4 40.2



#74
N-ethyl acetate
Concen: 576.223 ug/l
RT: 12.124 min Scan# 1690
Delta R.T. -0.018 min
Lab File: VY008458.D
Acq: 22 Apr 2022 12:40

Tgt Ion: 43 Resp: 189699
Ion Ratio Lower Upper
43 100
70 12.0 28.7 43.1#
55 12.3 17.3 25.9#
61 0.0 17.0 25.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 24.676 ug/l

RT: 12.532 min Scan# 1757

Delta R.T. -0.049 min

Lab File: VY008458.D

Acq: 22 Apr 2022 12:40

Instrument :

MSVOA_Y

ClientSampleId :

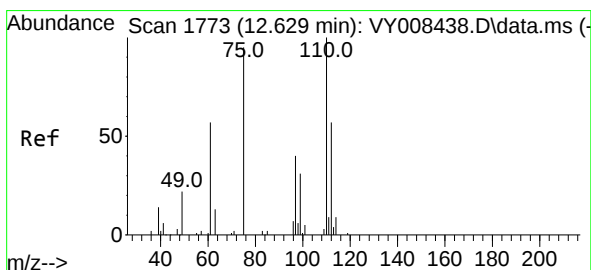
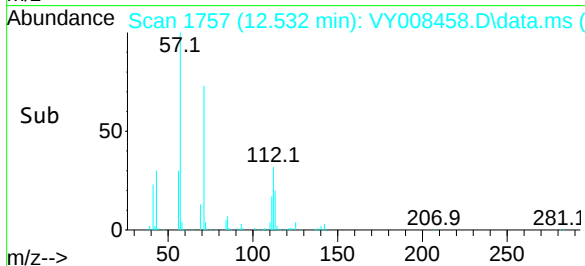
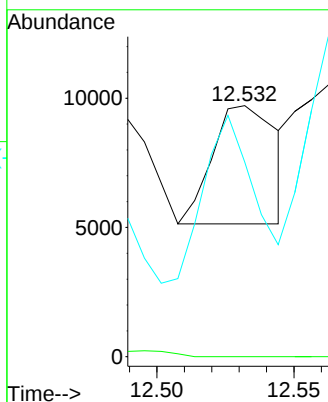
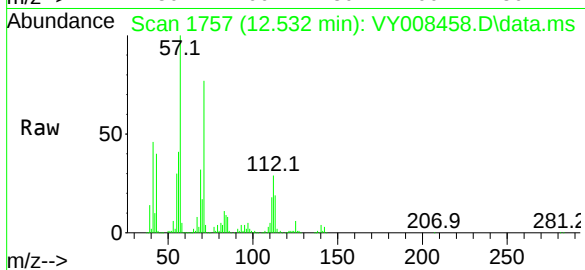
Tgt Ion: 83 Resp: 7346

Ion Ratio Lower Upper

83 100

131 0.0 5.6 16.8#

85 155.1 32.3 96.8#



#76

1,2,3-Trichloropropane

Concen: 5.896 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.043 min

Lab File: VY008458.D

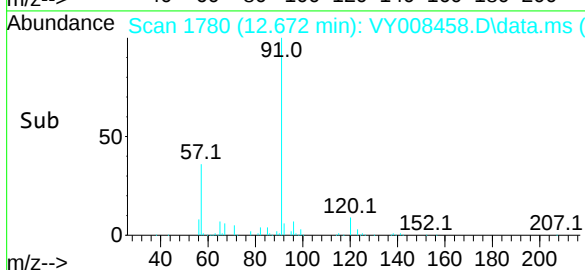
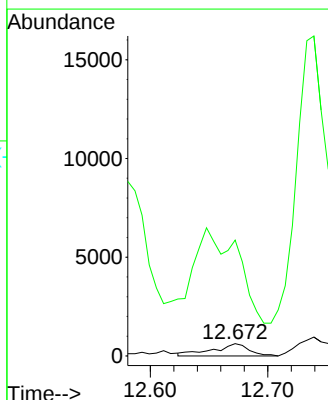
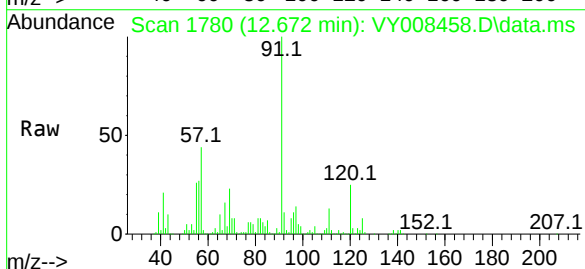
Acq: 22 Apr 2022 12:40

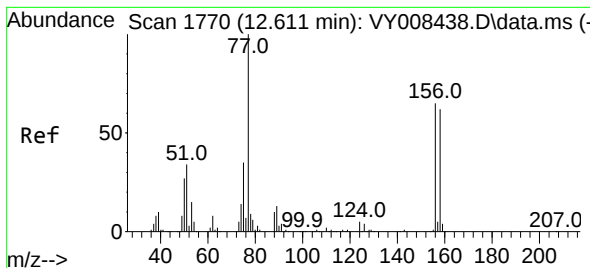
Tgt Ion: 75 Resp: 1341

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 2.339 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. -0.018 min

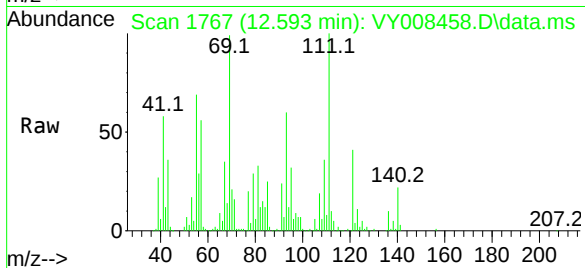
Lab File: VY008458.D

Acq: 22 Apr 2022 12:40

Instrument :

MSVOA_Y

ClientSampleId :



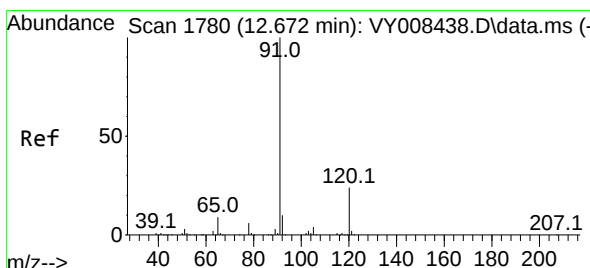
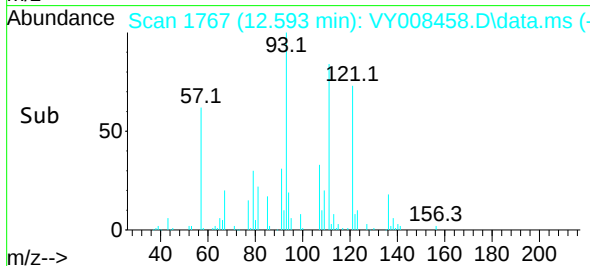
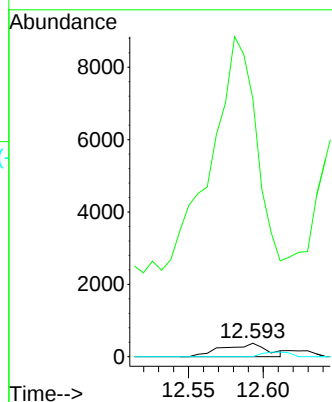
Tgt Ion:156 Resp: 760

Ion Ratio Lower Upper

156 100

77 2217.4 95.5 286.4#

158 0.0 48.0 144.0#



#78

n-propylbenzene

Concen: 88.990 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY008458.D

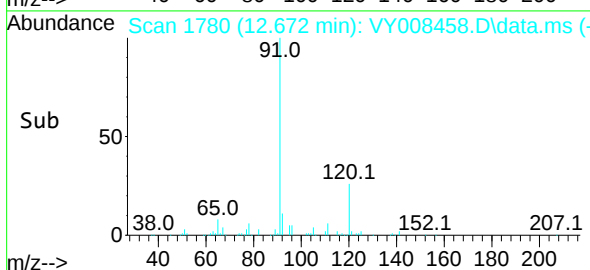
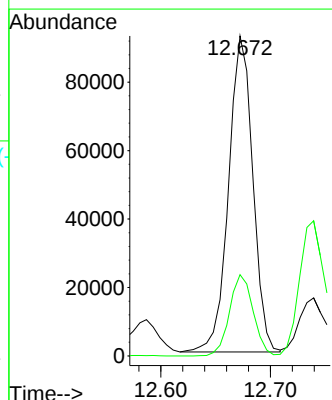
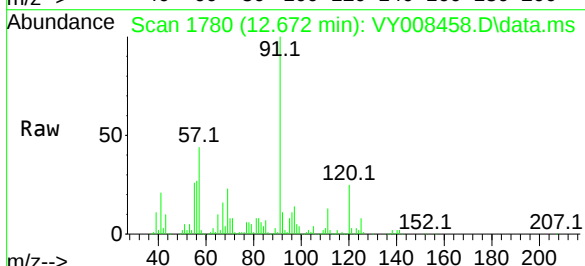
Acq: 22 Apr 2022 12:40

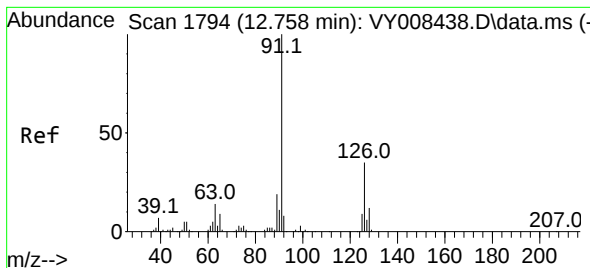
Tgt Ion: 91 Resp: 142219

Ion Ratio Lower Upper

91 100

120 25.0 11.3 33.9





#79

2-Chlorotoluene

Concen: 41.438 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.054 min

Lab File: VY008458.D

Acq: 22 Apr 2022 12:40

Instrument :

MSVOA_Y

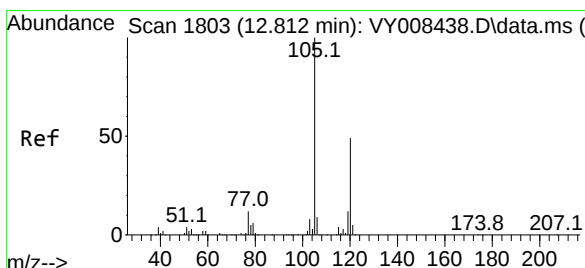
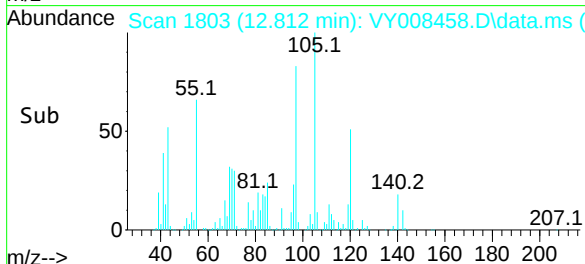
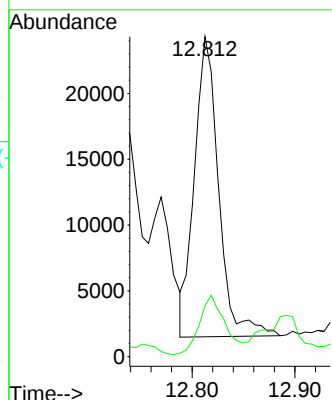
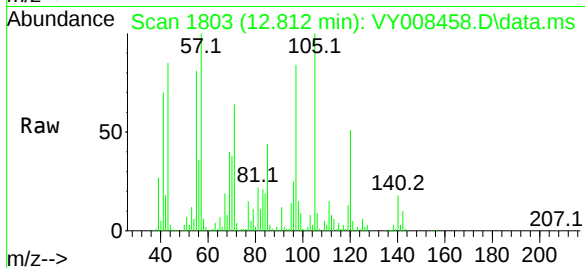
ClientSampleId :

Tgt Ion: 91 Resp: 37273

Ion Ratio Lower Upper

91 100

126 21.0 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 272.536 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY008458.D

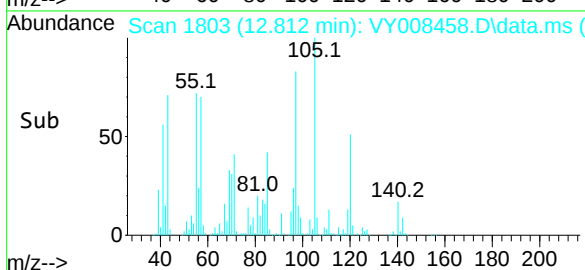
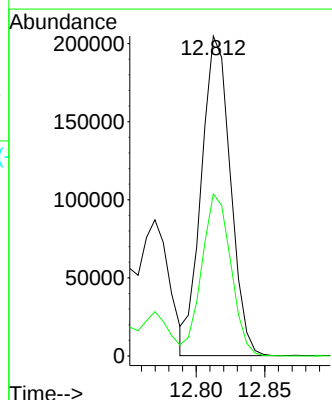
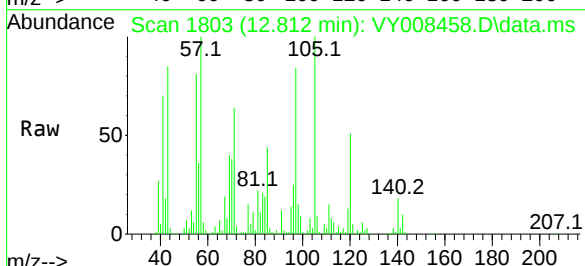
Acq: 22 Apr 2022 12:40

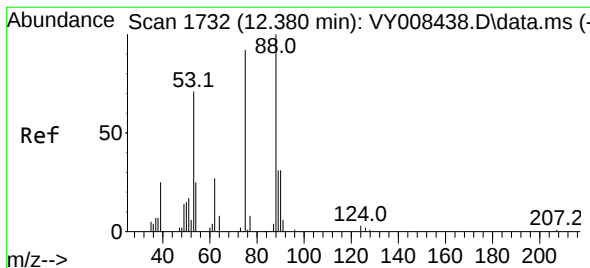
Tgt Ion:105 Resp: 301406

Ion Ratio Lower Upper

105 100

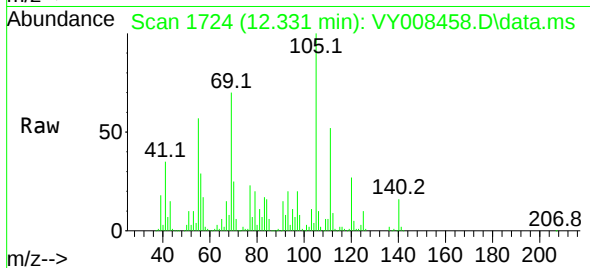
120 50.9 24.4 73.4



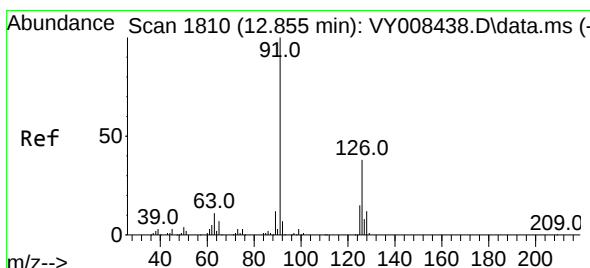
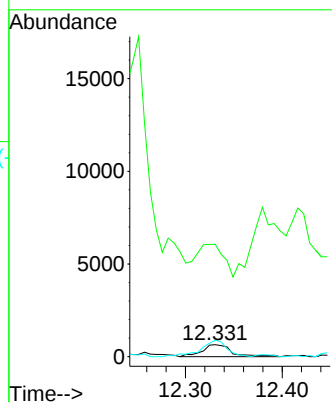
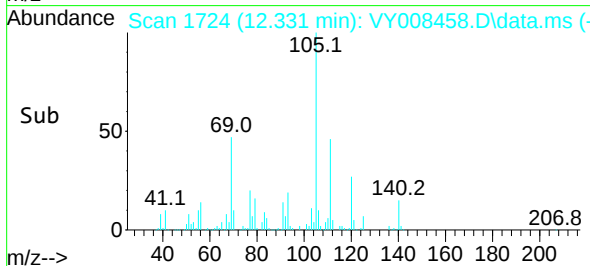


#81
trans-1,4-Dichloro-2-butene
Concen: 14.199 ug/l
RT: 12.331 min Scan# 1
Delta R.T. -0.049 min
Lab File: VY008458.D
Acq: 22 Apr 2022 12:40

Instrument :
MSVOA_Y
ClientSampleId :

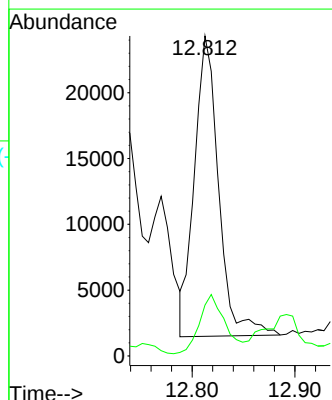
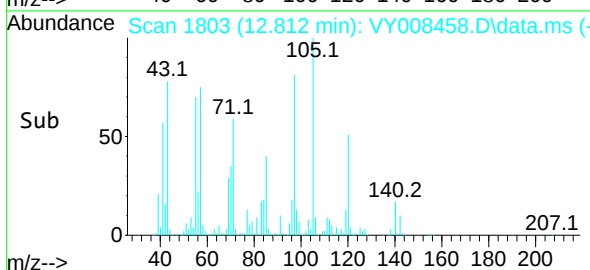
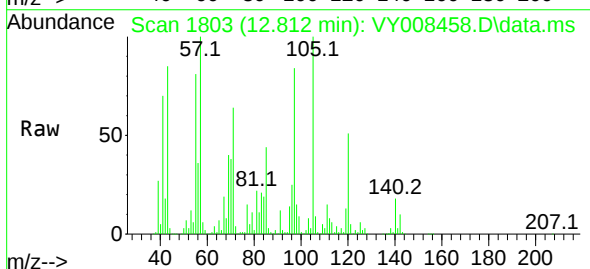


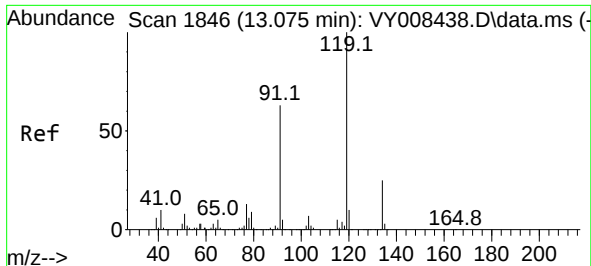
Tgt Ion: 75 Resp: 1392
Ion Ratio Lower Upper
75 100
53 227.1 85.3 127.9#
89 120.0 37.0 55.4#



#82
4-Chlorotoluene
Concen: 40.070 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.043 min
Lab File: VY008458.D
Acq: 22 Apr 2022 12:40

Tgt Ion: 91 Resp: 37349
Ion Ratio Lower Upper
91 100
126 20.9 17.0 51.0

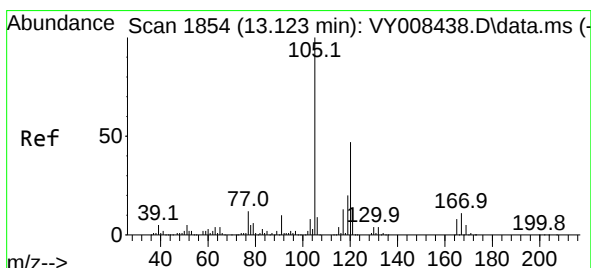
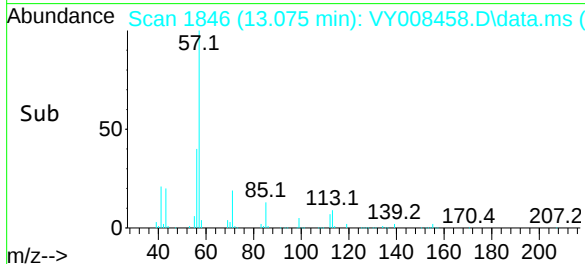
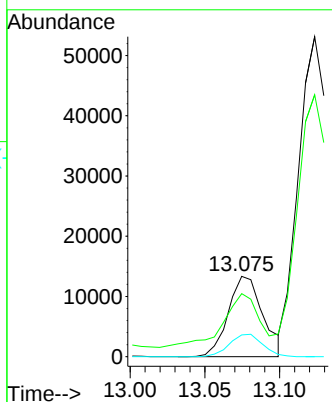
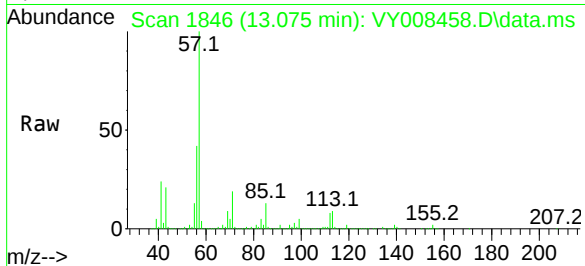




#83
tert-Butylbenzene
Concen: 22.386 ug/l
RT: 13.075 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY008458.D
Acq: 22 Apr 2022 12:40

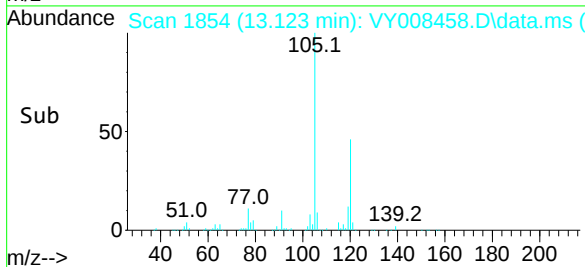
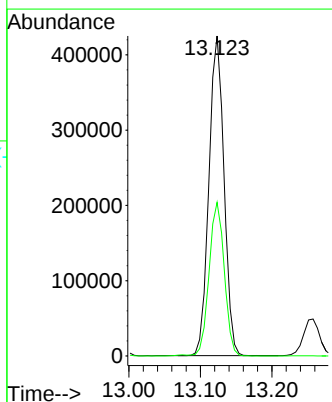
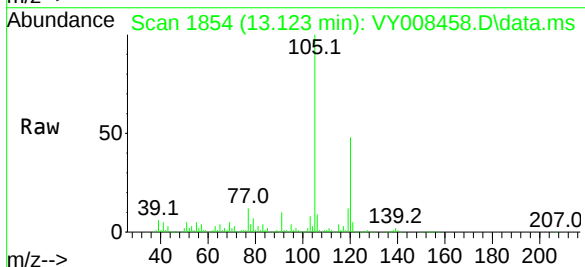
Instrument :
MSVOA_Y
ClientSampleId :

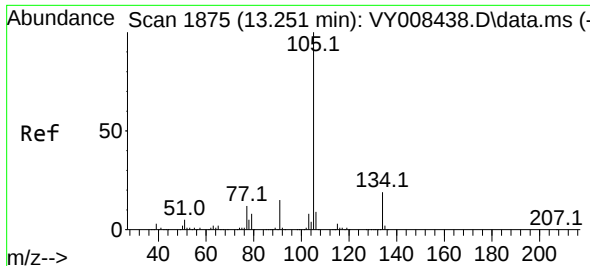
Tgt Ion	Ratio	Lower	Upper
119	100		
91	68.0	34.8	104.4
134	26.8	13.3	39.9



#84
1,2,4-Trimethylbenzene
Concen: 568.120 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY008458.D
Acq: 22 Apr 2022 12:40

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.5	22.3	66.9

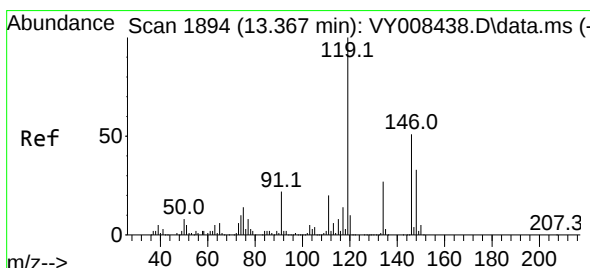
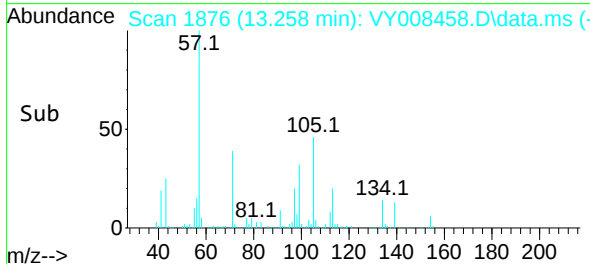
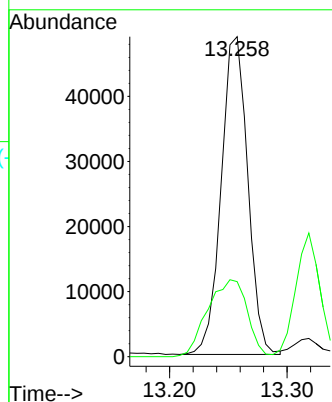
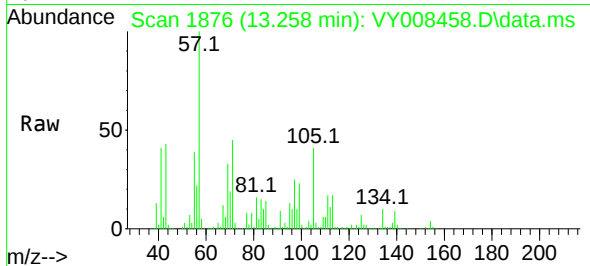




#85
 sec-Butylbenzene
 Concen: 53.101 ug/l
 RT: 13.258 min Scan# 1876
 Delta R.T. 0.007 min
 Lab File: VY008458.D
 Acq: 22 Apr 2022 12:40

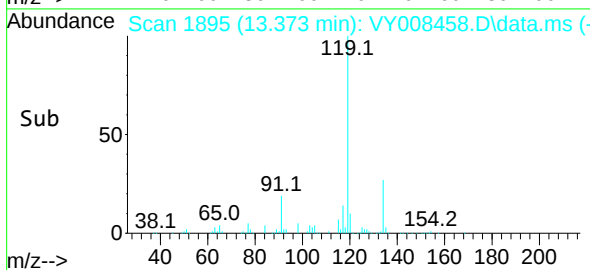
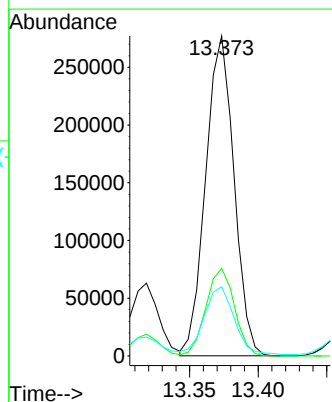
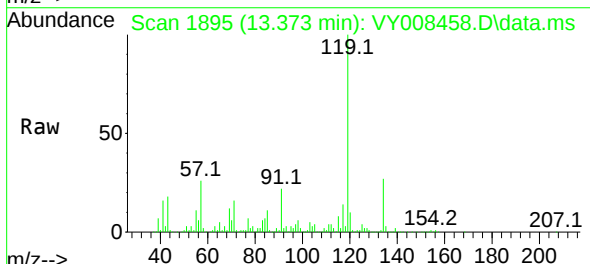
Instrument :
 MSVOA_Y
 ClientSampleId :

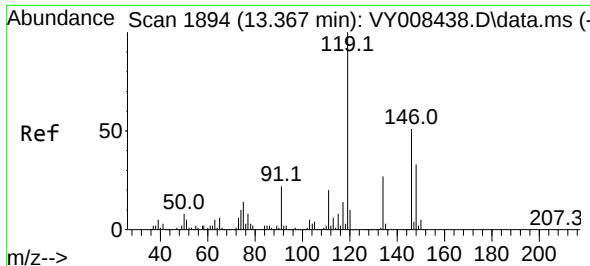
Tgt Ion:105 Resp: 76937
 Ion Ratio Lower Upper
 105 100
 134 36.1 10.2 30.4#



#86
 p-Isopropyltoluene
 Concen: 328.276 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY008458.D
 Acq: 22 Apr 2022 12:40

Tgt Ion:119 Resp: 398330
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.2 39.5
 91 22.2 12.4 37.2

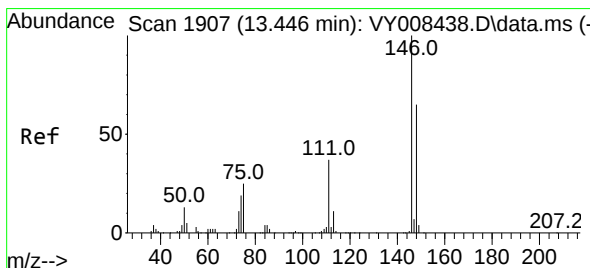
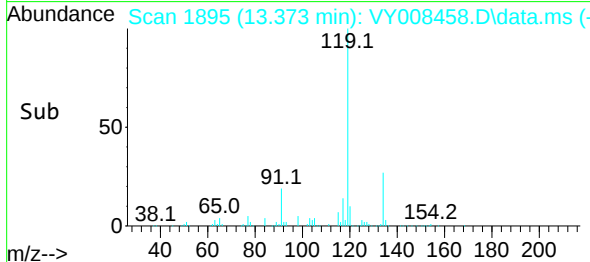
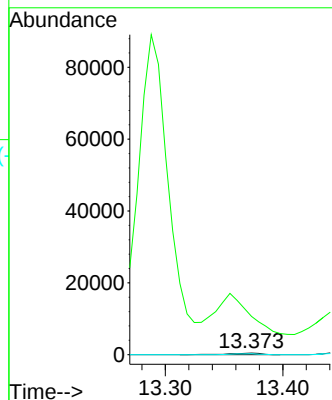
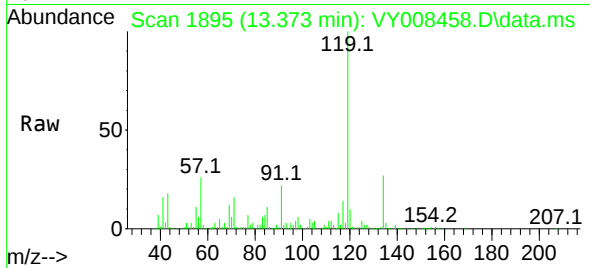




#87
1,3-Dichlorobenzene
Concen: 1.240 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY008458.D
Acq: 22 Apr 2022 12:40

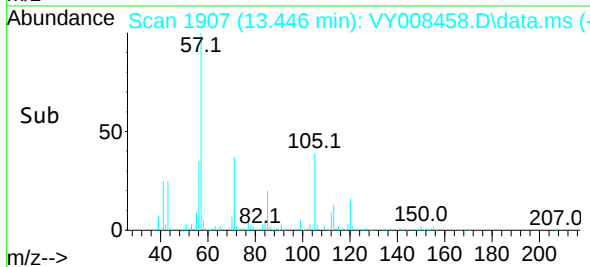
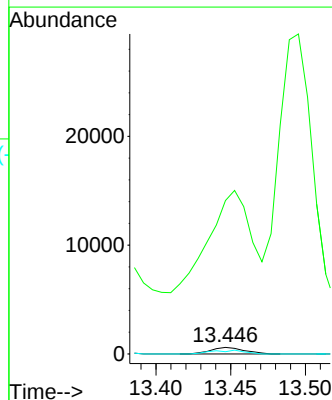
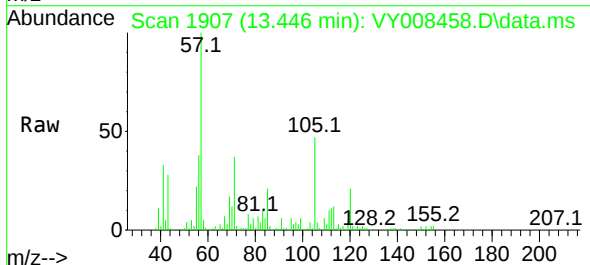
Instrument :
MSVOA_Y
ClientSampleId :

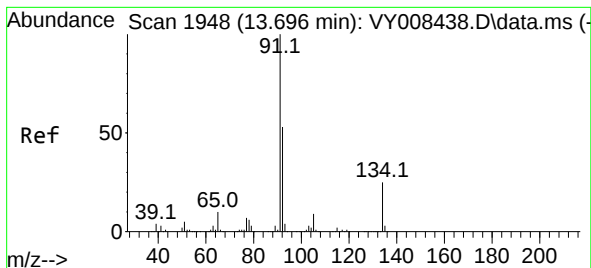
Tgt Ion:146 Resp: 807
Ion Ratio Lower Upper
146 100
111 2734.7 19.5 58.5#
148 51.9 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 1.449 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY008458.D
Acq: 22 Apr 2022 12:40

Tgt Ion:146 Resp: 934
Ion Ratio Lower Upper
146 100
111 1985.9 19.3 57.8#
148 55.5 32.6 97.8





#89

n-Butylbenzene

Concen: 38.917 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY008458.D

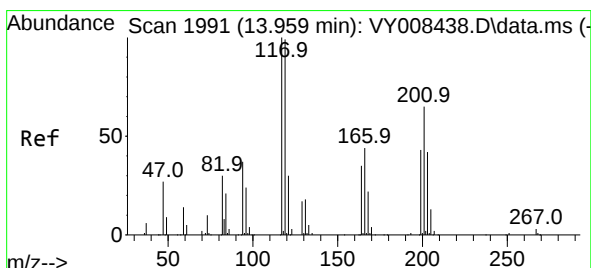
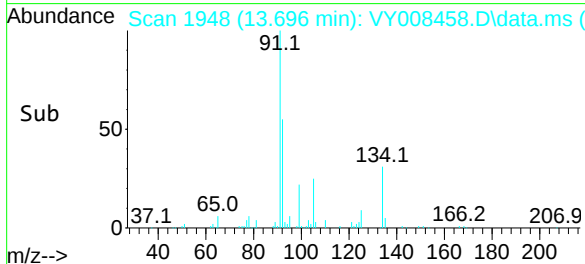
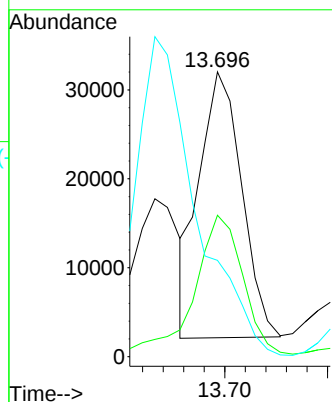
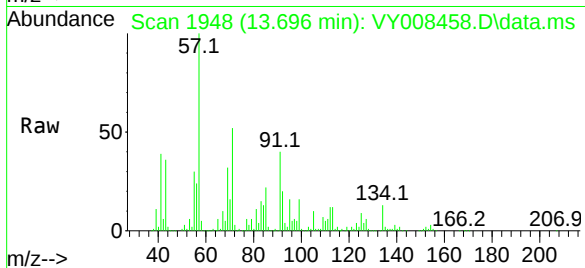
Acq: 22 Apr 2022 12:40

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 91	Resp: 42860
Ion Ratio	Lower Upper
91	100
92	59.0 26.3 78.9
134	0.0 13.0 38.9#



#90

Hexachloroethane

Concen: 40.582 ug/l

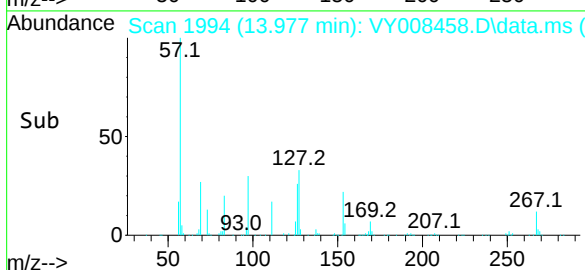
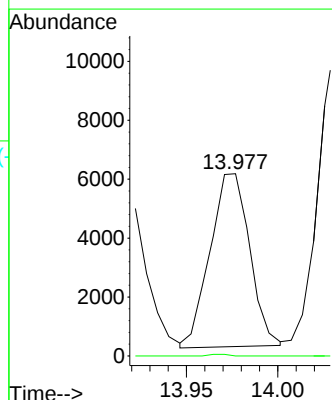
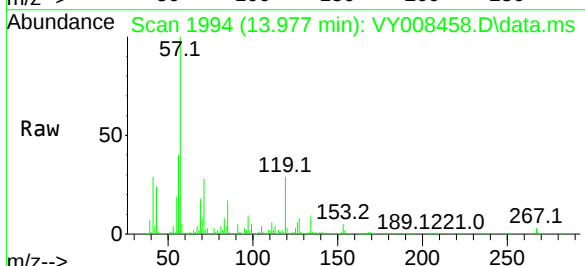
RT: 13.977 min Scan# 1994

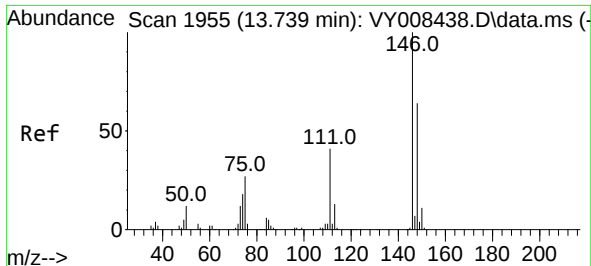
Delta R.T. 0.018 min

Lab File: VY008458.D

Acq: 22 Apr 2022 12:40

Tgt Ion: 117	Resp: 8853
Ion Ratio	Lower Upper
117	100
201	0.5 43.0 128.8#

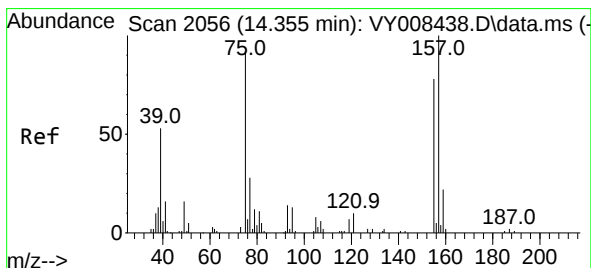
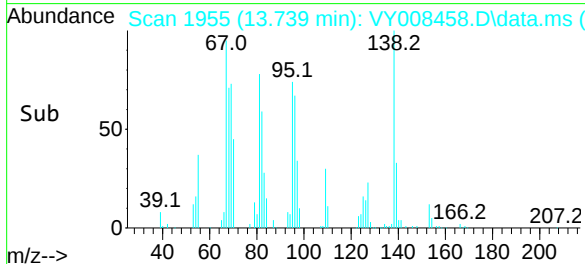
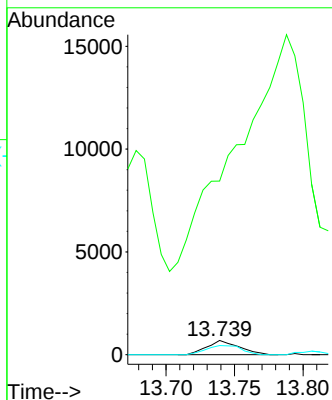
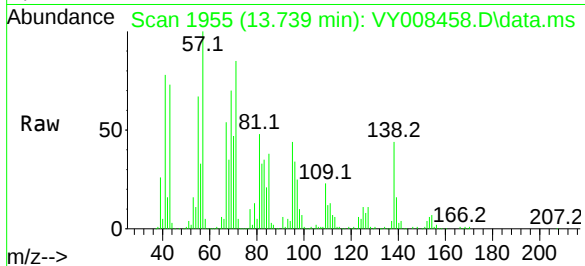




#91
1,2-Dichlorobenzene
Concen: 1.929 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY008458.D
Acq: 22 Apr 2022 12:40

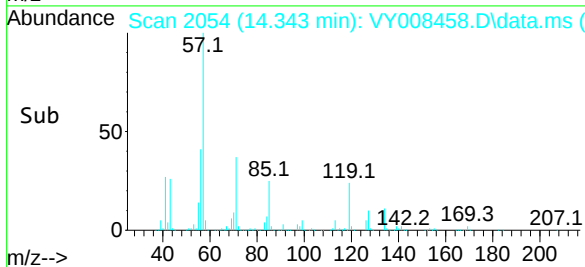
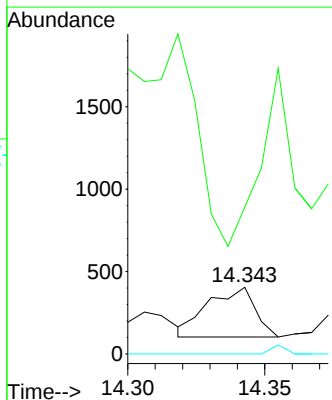
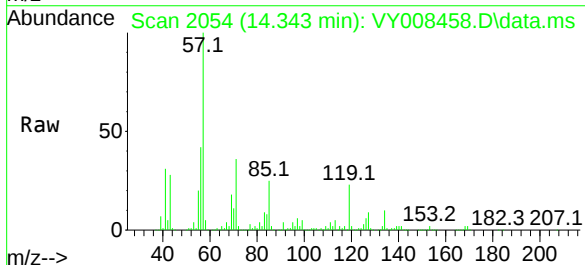
Instrument :
MSVOA_Y
ClientSampleId :

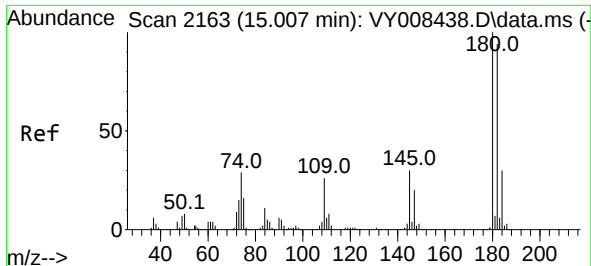
Tgt Ion:146 Resp: 1116
Ion Ratio Lower Upper
146 100
111 0.0 20.3 60.9#
148 71.4 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 8.047 ug/l
RT: 14.343 min Scan# 2054
Delta R.T. -0.012 min
Lab File: VY008458.D
Acq: 22 Apr 2022 12:40

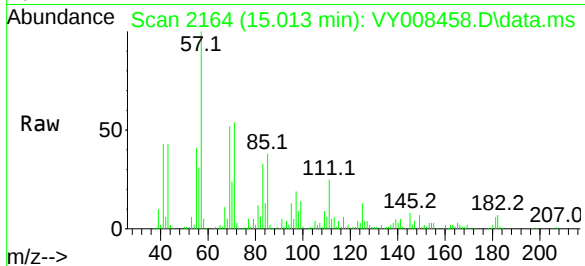
Tgt Ion: 75 Resp: 360
Ion Ratio Lower Upper
75 100
155 241.4 38.0 113.9#
157 5.6 47.8 143.3#



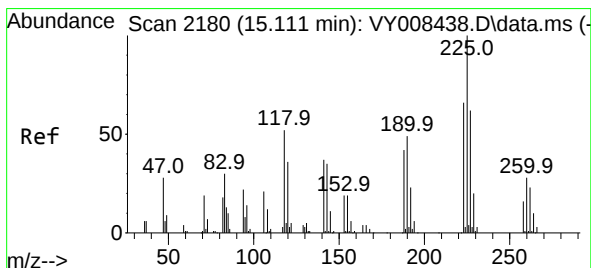
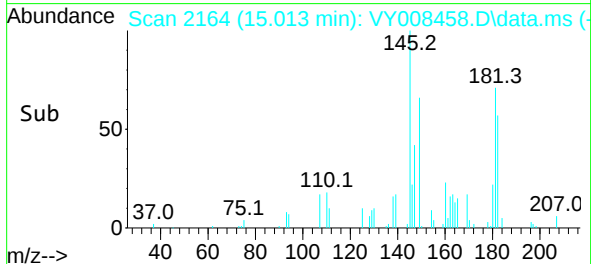
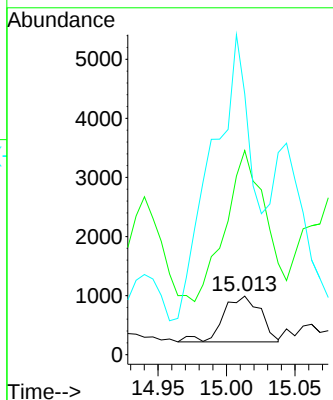


#93
1,2,4-Trichlorobenzene
Concen: 4.578 ug/l
RT: 15.013 min Scan# 2163
Delta R.T. 0.006 min
Lab File: VY008458.D
Acq: 22 Apr 2022 12:40

Instrument :
MSVOA_Y
ClientSampleId :

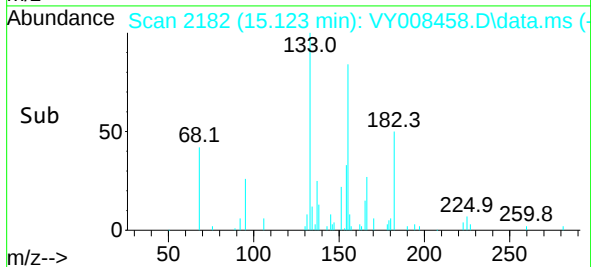
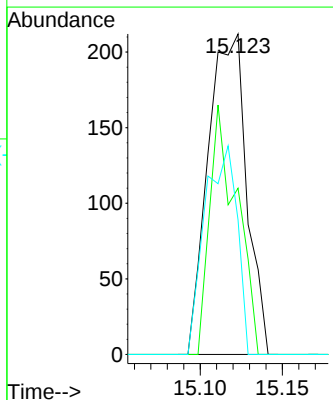
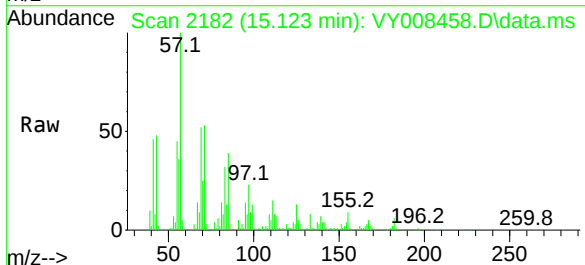


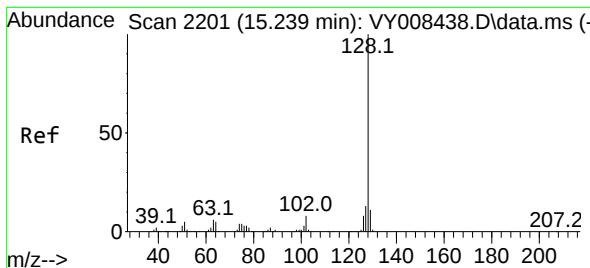
Tgt Ion:180 Resp: 1474
Ion Ratio Lower Upper
180 100
182 351.2 47.3 141.9#
145 815.1 14.6 43.8#



#94
Hexachlorobutadiene
Concen: 2.196 ug/l
RT: 15.123 min Scan# 2182
Delta R.T. 0.012 min
Lab File: VY008458.D
Acq: 22 Apr 2022 12:40

Tgt Ion:225 Resp: 345
Ion Ratio Lower Upper
225 100
223 55.1 30.8 92.3
227 54.5 31.6 94.7





#95

Naphthalene

Concen: 49.619 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY008458.D

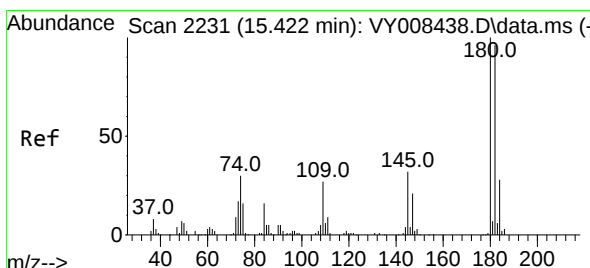
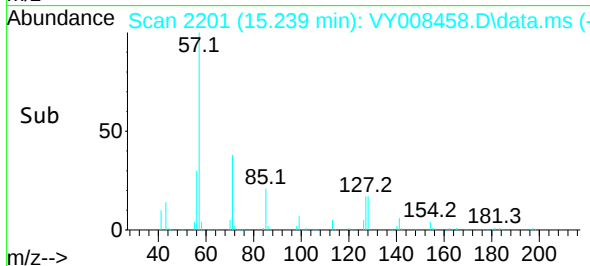
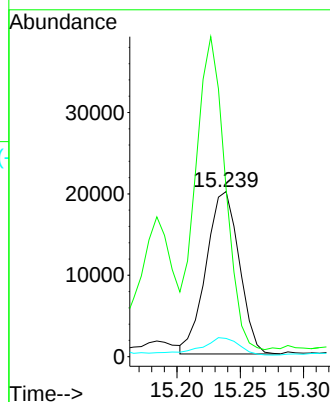
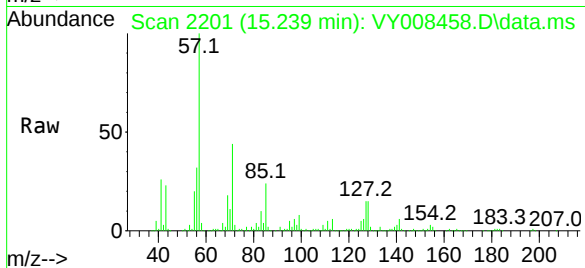
Acq: 22 Apr 2022 12:40

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	36219
Ion Ratio	Lower	Upper
128	100	
127	171.2	11.0 16.4#
129	12.3	8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 6.380 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY008458.D

Acq: 22 Apr 2022 12:40

Tgt Ion:180	Resp:	1798
Ion Ratio	Lower	Upper
180	100	
182	114.8	47.3 141.9
145	0.0	15.3 45.9#

