

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070720\
 Data File : VY003129.D
 Acq On : 07 Jul 2020 16:14
 Operator : SY/MD
 Sample : L3217-04
 Misc : 5.09G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 E3-41-VAT

Quant Time: Jul 08 03:51:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	0.00	168	0	0.00	ug/l	-7.80
34) 1,4-Difluorobenzene	8.42	114	24	50.00	ug/l	-0.27
63) Chlorobenzene-d5	11.20	117	38	50.00	ug/l	-0.29
72) 1,4-Dichlorobenzene-d4	13.44	152	106331	50.00	ug/l	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.11	65	78	0.00	ug/l	-0.04
Spiked Amount				50.000		
			Recovery	=	0.00%	
35) Dibromofluoromethane	7.33	113	136	908.39	ug/l	-0.39
Spiked Amount				50.000		
			Recovery	=	1816.78%	
50) Toluene-d8	9.78	98	23	41.24	ug/l	-0.40
Spiked Amount				50.000		
			Recovery	=	82.48%	
62) 4-Bromofluorobenzene	11.87	95	48	244.48	ug/l	-0.61
Spiked Amount				50.000		
			Recovery	=	488.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
36) 1,1-Dichloropropene	7.63	75	65529	283457.822	ug/l #	42
37) Ethyl Acetate	6.84	43	441	3172.741	ug/l #	17
38) Carbon Tetrachloride	7.69	117	63	261.926	ug/l #	13
39) Methylcyclohexane	9.04	83	4600	16048.716	ug/l #	38
40) Benzene	7.94	78	31	48.981	ug/l #	1
41) Methacrylonitrile	7.09	41	506	6814.888	ug/l #	1
42) 1,2-Dichloroethane	8.03	62	20	99.889	ug/l #	74
43) Isopropyl Acetate	8.02	43	184	696.336	ug/l #	54
44) Trichloroethene	8.63	130	26	141.338	ug/l	3
45) 1,2-Dichloropropane	9.03	63	56376	331090.800	ug/l #	42
46) Dibromomethane	9.03	93	4674	49148.068	ug/l #	1
47) Bromodichloromethane	9.04	83	4600	19753.848	ug/l #	26
48) Methyl methacrylate	9.00	41	209	1737.688	ug/l #	13
49) 1,4-Dioxane	9.03	88	41699	35919703.344	ug/l #	25
51) 4-Methyl-2-Pentanone	9.76	43	209	1530.308	ug/l #	52
53) t-1,3-Dichloropropene	10.14	75	50	204.797	ug/l #	42
54) cis-1,3-Dichloropropene	9.63	75	165	590.938	ug/l #	55
55) 1,1,2-Trichloroethane	10.36	97	12597	95322.506	ug/l #	1
56) Ethyl methacrylate	10.17	69	161	841.626	ug/l #	33
57) 1,3-Dichloropropane	10.35	76	4116	17741.853	ug/l #	78
58) 2-Chloroethyl Vinyl ether	9.40	63	47	479.053	ug/l #	48
59) 2-Hexanone	10.49	43	629	6589.126	ug/l #	46
60) Dibromochloromethane	10.68	129	20	118.260	ug/l #	10
61) 1,2-Dibromoethane	10.69	107	50	383.782	ug/l #	2
64) Tetrachloroethene	10.68	164	360	1119.364	ug/l #	36
65) Chlorobenzene	11.60	112	528	704.669	ug/l #	73
66) 1,1,1,2-Tetrachloroethane	11.60	131	33	112.806	ug/l #	1
67) Ethyl Benzene	11.58	91	841	613.521	ug/l #	70
68) m/p-Xylenes	11.67	106	1123	2201.202	ug/l #	38
69) o-Xylene	12.08	106	1444	3003.628	ug/l	92
70) Styrene	12.10	104	755	919.264	ug/l #	35
71) Bromoform	12.25	173	48	246.072	ug/l #	28
76) 1,2,3-Trichloropropane	12.52	75	48874	46.443	ug/l #	100
79) 2-Chlorotoluene	12.79	91	11952	2.559	ug/l	99

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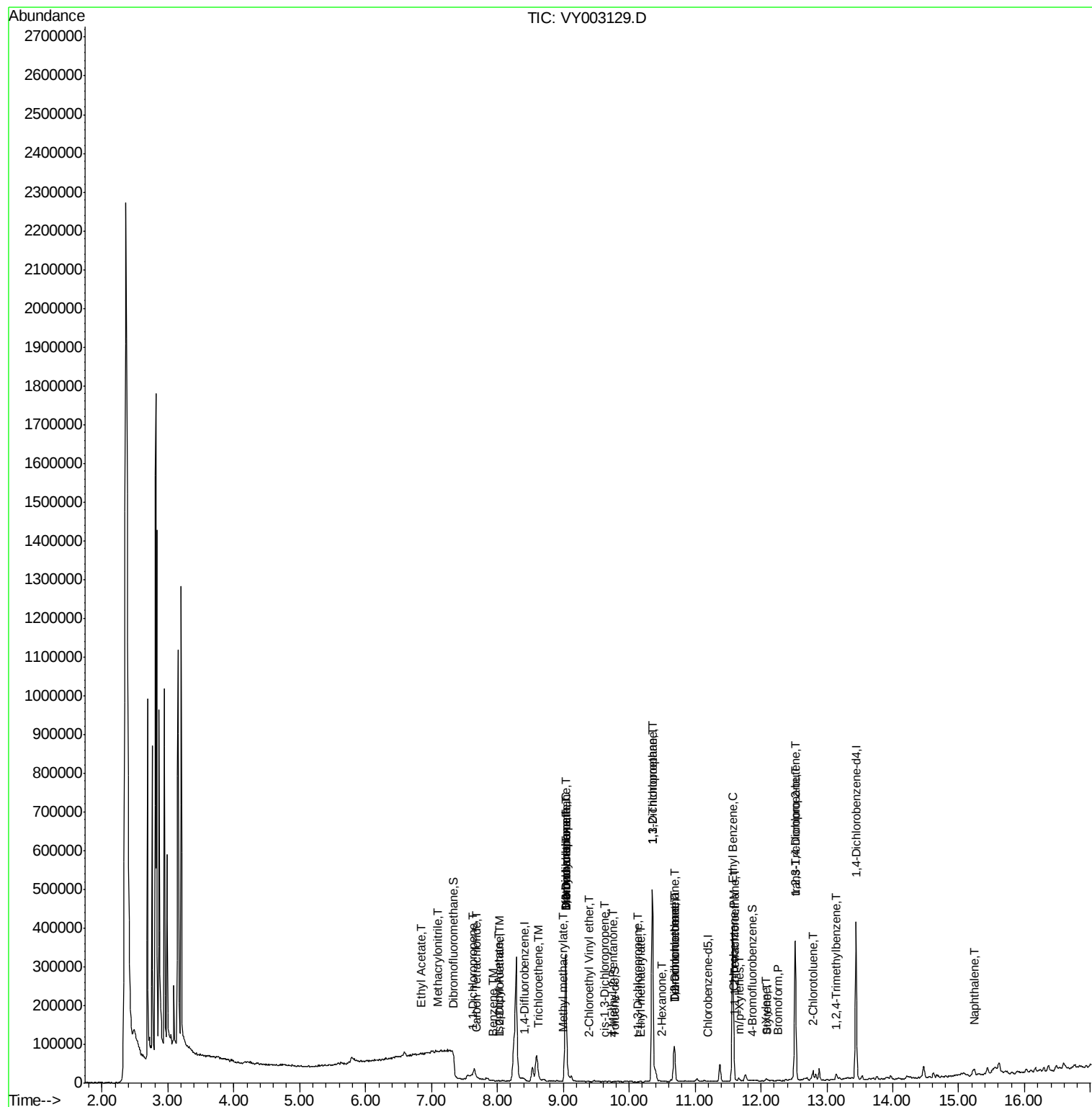
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	12.52	75	48874	90.358	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.14	105	8700	1.479	ug/l	81
95) Naphthalene	15.24	128	8477	2.090	ug/l #	86

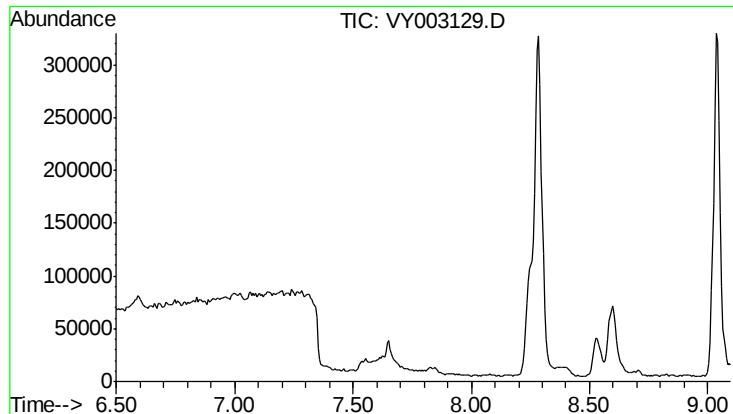
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 0.000 ug/l

Expected RT: 7.80 min

Lab File: VY003129.D

Acq: 07 Jul 2020 16:14

Tot Ion: 168

Sig Exp Ratio

168 100

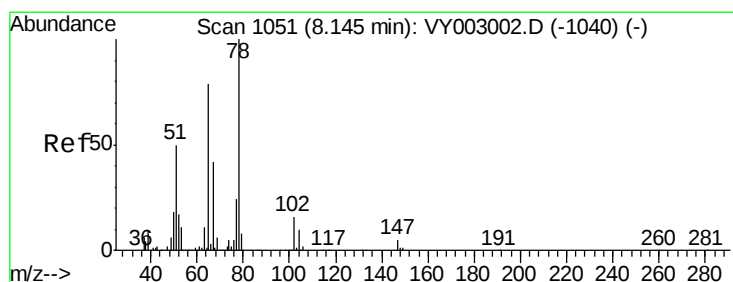
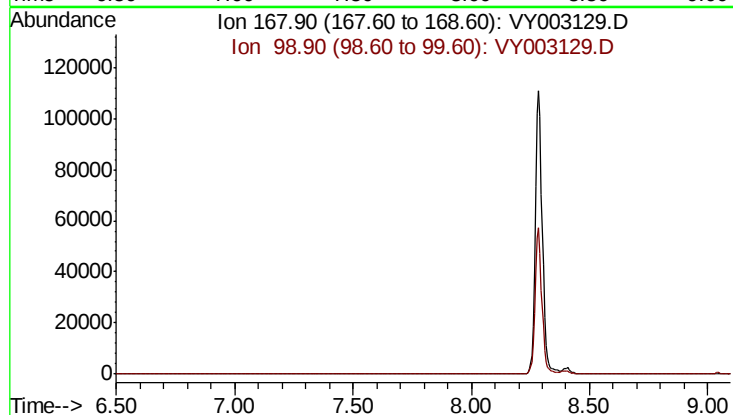
99 49.0

Instrument :

MSVOA_Y

ClientSampleId :

E3-41-VAT



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

RT: 8.11 min Scan# 1045

Delta R.T. -0.04 min

Lab File: VY003129.D

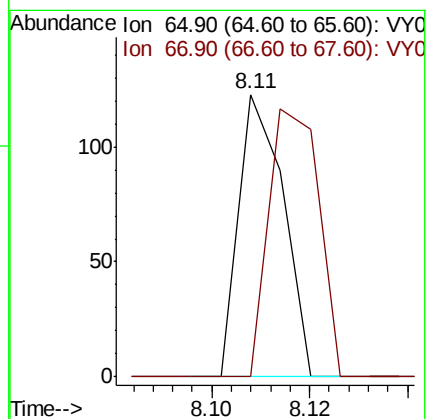
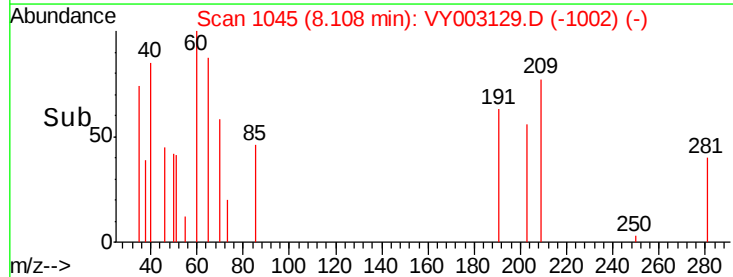
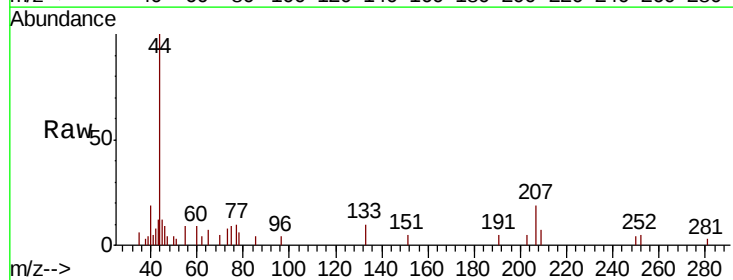
Acq: 07 Jul 2020 16:14

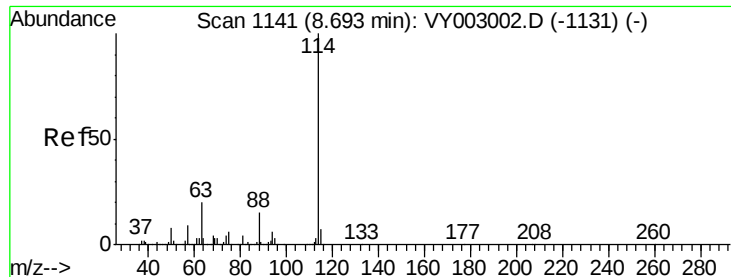
Tgt Ion: 65 Resp: 78

Ion Ratio Lower Upper

65 100

67 105.1 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.42 min Scan# 1096

Delta R.T. -0.27 min

Lab File: VY003129.D

Acq: 07 Jul 2020 16:14

Instrument :

MSVOA_Y

ClientSampleId :

E3-41-VAT

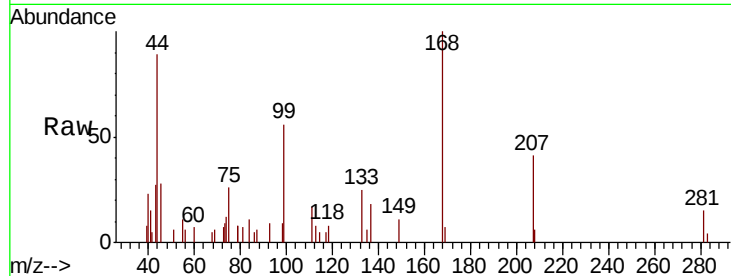
Tot Ion:114 Resp: 24

Ion Ratio Lower Upper

114 100

63 0.0 0.0 40.6

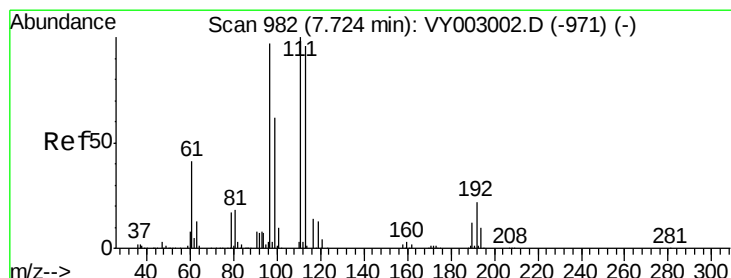
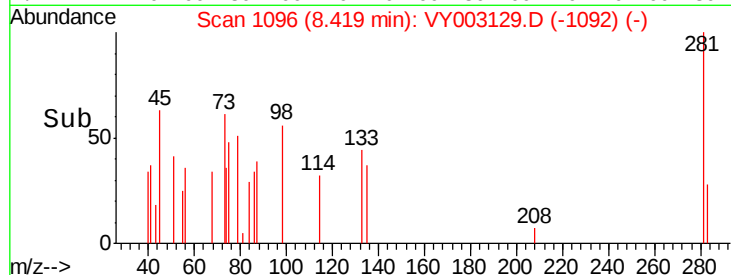
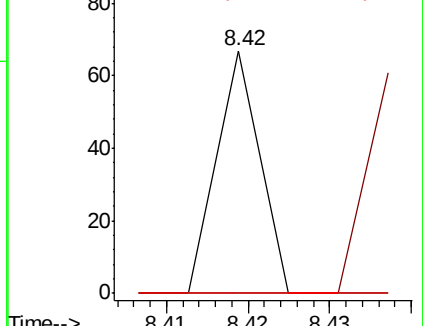
88 0.0 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 908.387 ug/l

RT: 7.33 min Scan# 918

Delta R.T. -0.39 min

Lab File: VY003129.D

Acq: 07 Jul 2020 16:14

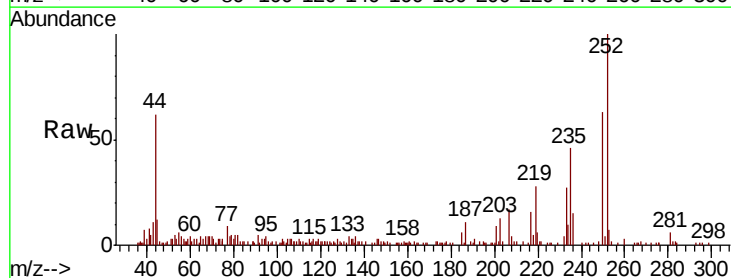
Tgt Ion:113 Resp: 136

Ion Ratio Lower Upper

113 100

111 0.0 82.6 123.8#

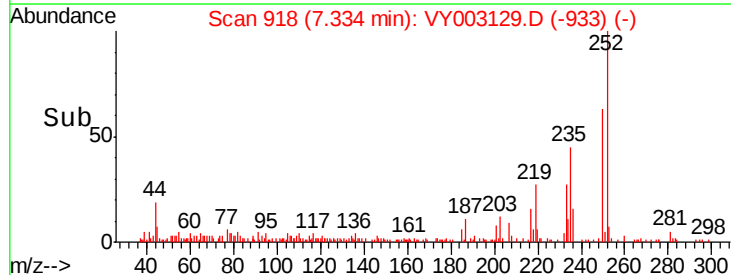
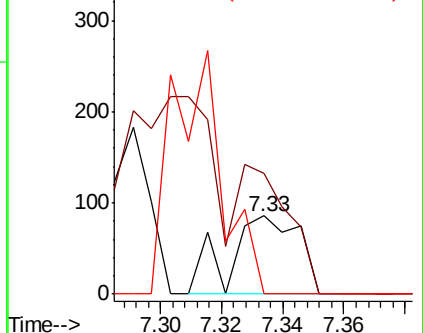
192 222.1 18.1 27.1#

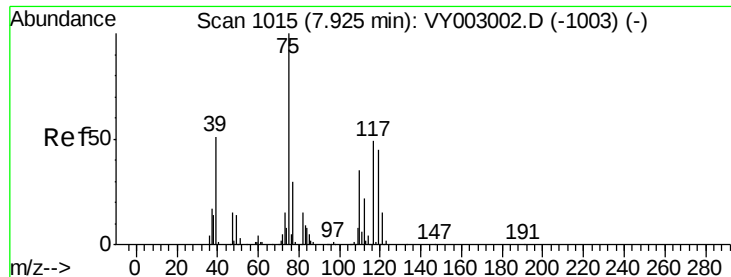


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

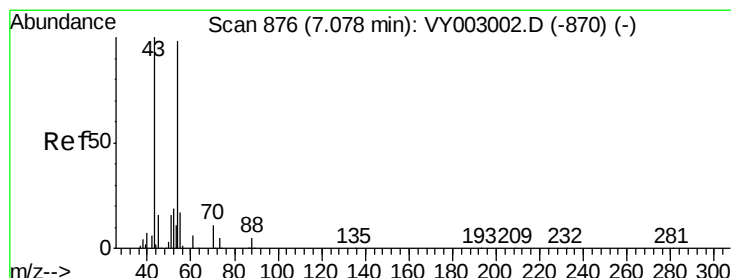
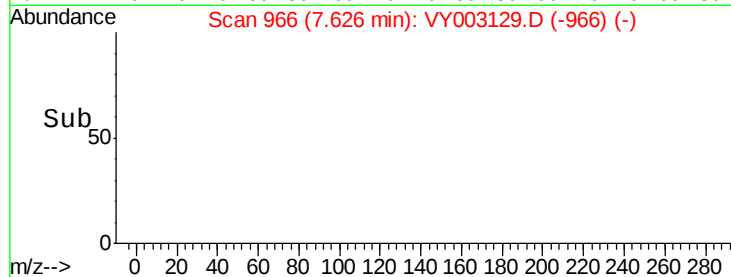
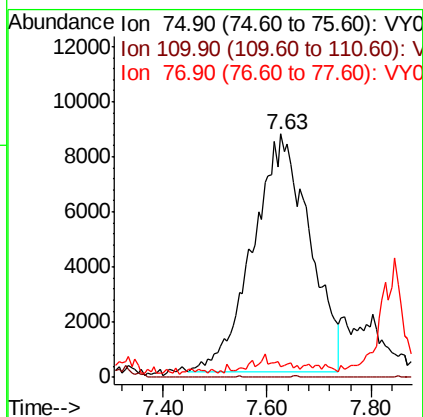
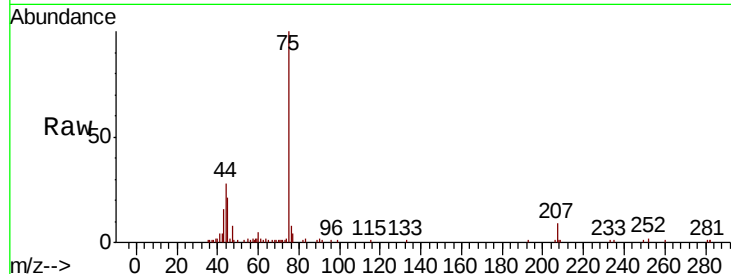




#36
 1,1-Dichloropropene
 Concen: 283457.822 ug/l
 RT: 7.63 min Scan# 966
 Delta R.T. -0.30 min
 Lab File: VY003129.D
 Acq: 07 Jul 2020 16:14

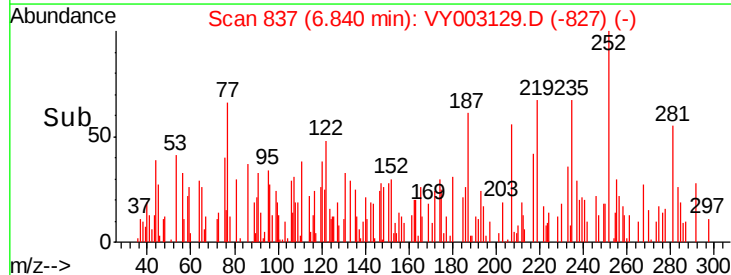
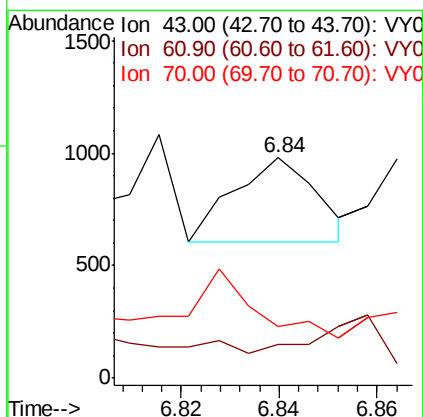
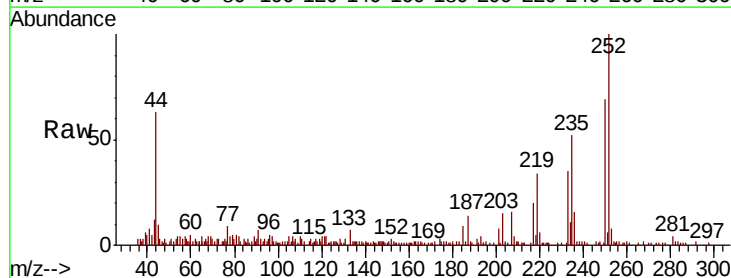
Instrument :
 MSVOA_Y
 ClientSampleId :
 E3-41-VAT

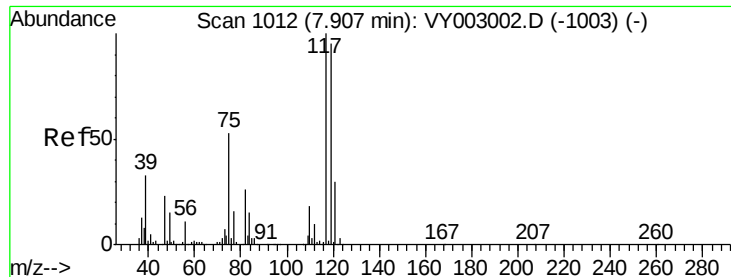
Tot Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.1	51.2#
77	0.0	24.9	37.3#



#37
 Ethyl Acetate
 Concen: 3172.741 ug/l
 RT: 6.84 min Scan# 837
 Delta R.T. -0.24 min
 Lab File: VY003129.D
 Acq: 07 Jul 2020 16:14

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.4	15.6#
70	65.3	7.7	11.5#





#38

Carbon Tetrachloride

Concen: 261.926 ug/l

RT: 7.69 min Scan# 977

Delta R.T. -0.21 min

Lab File: VY003129.D

Acq: 07 Jul 2020 16:14

Instrument :

MSVOA_Y

ClientSampleId :

E3-41-VAT

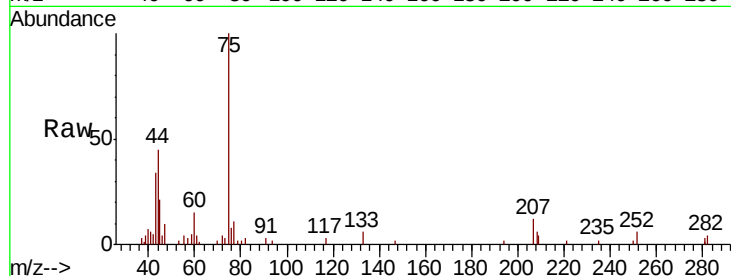
Tot Ion:117 Resp: 63

Ion Ratio Lower Upper

117 100

119 0.0 75.7 113.5#

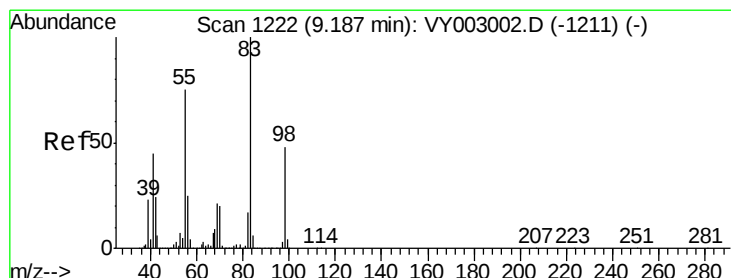
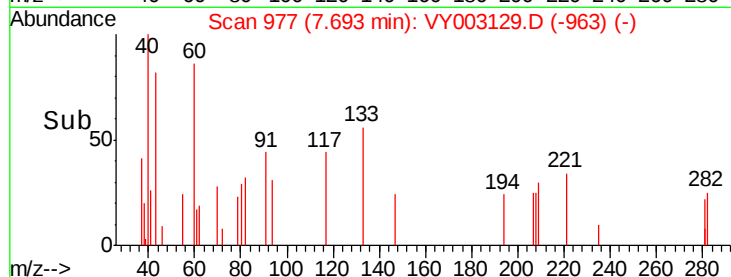
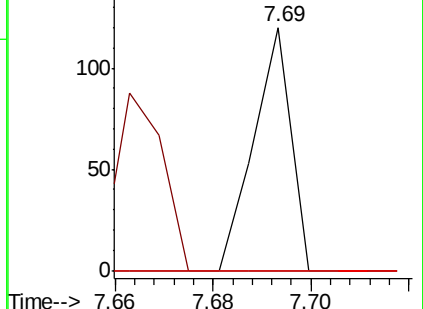
121 0.0 23.9 35.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 16048.716 ug/l

RT: 9.04 min Scan# 1198

Delta R.T. -0.15 min

Lab File: VY003129.D

Acq: 07 Jul 2020 16:14

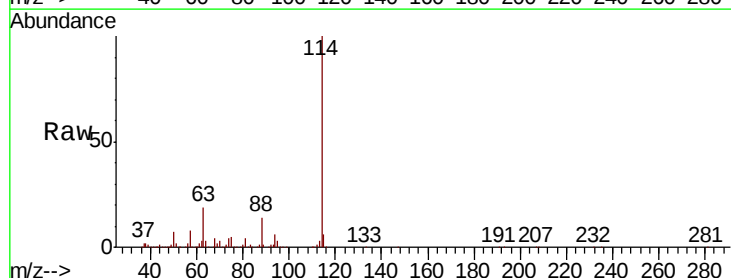
Tgt Ion: 83 Resp: 4600

Ion Ratio Lower Upper

83 100

55 27.8 59.9 89.9#

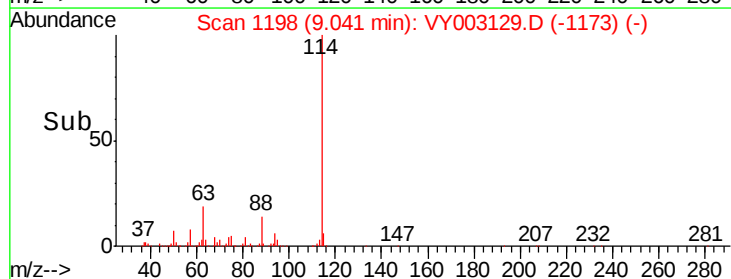
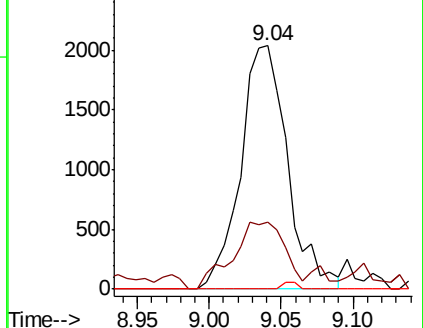
98 0.0 38.7 58.1#

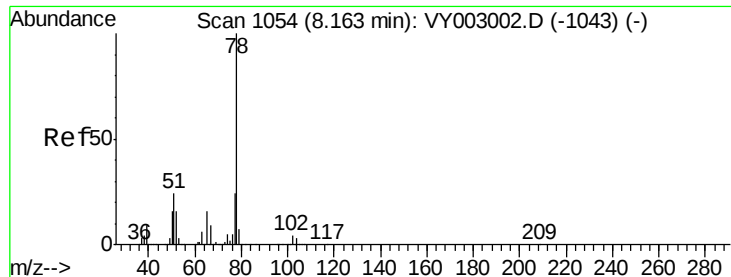


Abundance Ion 83.00 (82.70 to 83.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 98.00 (97.70 to 98.70): VY0





#40

Benzene

Concen: 48.981 ug/l

RT: 7.94 min Scan# 1017

Delta R.T. -0.23 min

Lab File: VY003129.D

Acq: 07 Jul 2020 16:14

Instrument :

MSVOA_Y

ClientSampled :

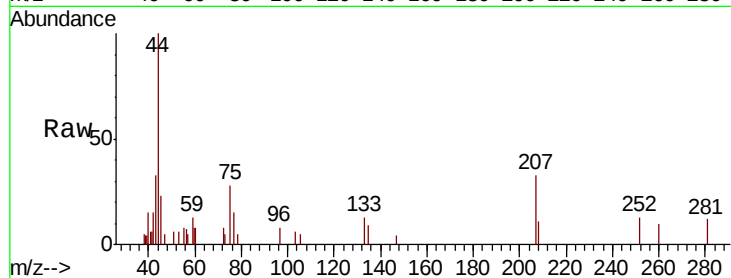
E3-41-VAT

Tot Ion: 78 Resp: 31

Ion Ratio Lower Upper

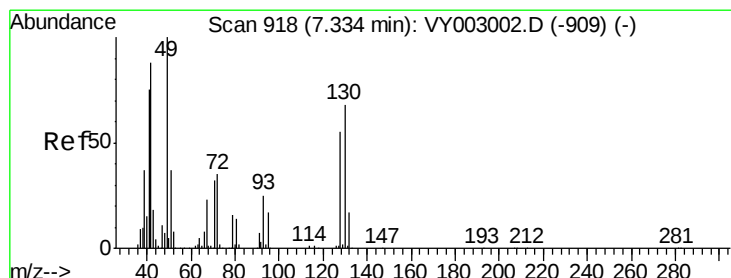
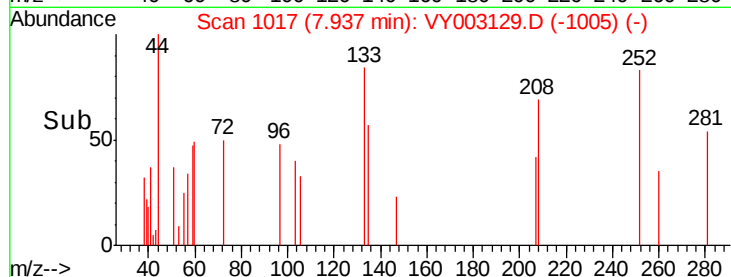
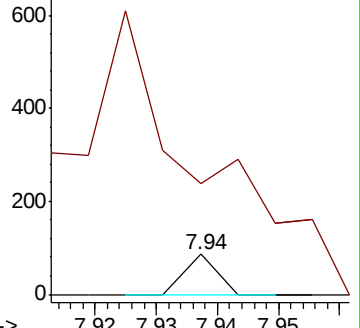
78 100

77 98.8 19.2 28.8#



Abundance Ion 78.00 (77.70 to 78.70): VY0

Ion 77.00 (76.70 to 77.70): VY0



#41

Methacrylonitrile

Concen: 6814.888 ug/l

RT: 7.09 min Scan# 878

Delta R.T. -0.24 min

Lab File: VY003129.D

Acq: 07 Jul 2020 16:14

Tgt Ion: 41 Resp: 506

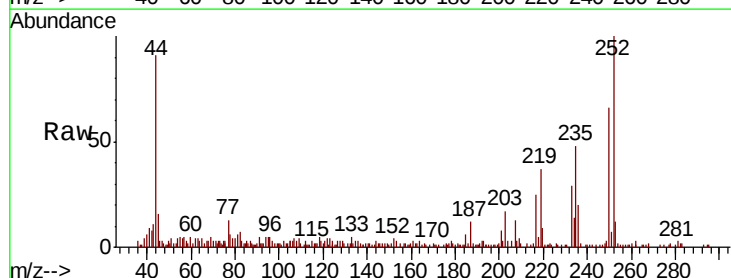
Ion Ratio Lower Upper

41 100

39 0.0 85.7 128.5#

67 0.0 0.0 0.0

52 56.7 0.0 0.0#

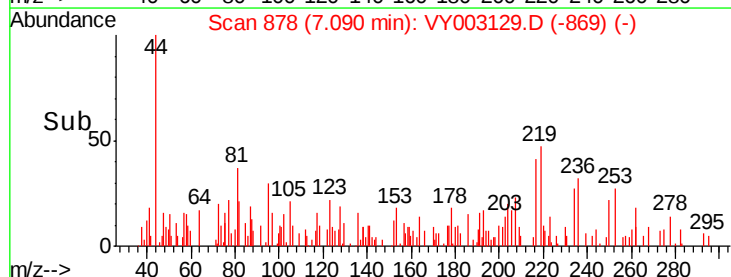
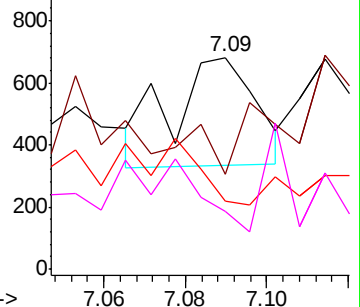


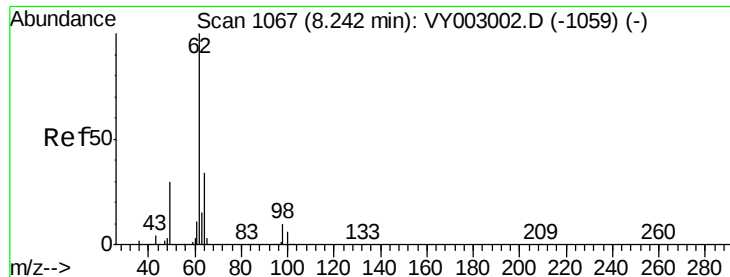
Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0





#42

1,2-Dichloroethane

Concen: 99.889 ug/l

RT: 8.03 min Scan# 1033

Delta R.T. -0.21 min

Lab File: VY003129.D

Acq: 07 Jul 2020 16:14

Instrument :

MSVOA_Y

ClientSampleId :

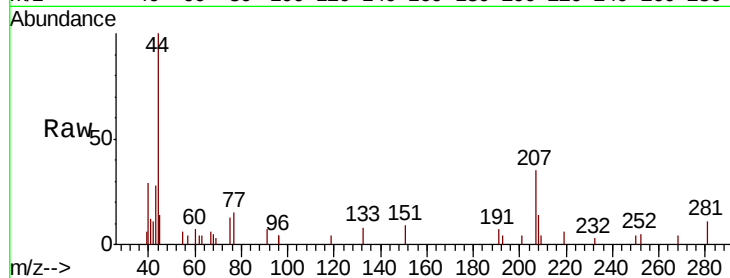
E3-41-VAT

Tot Ion: 62 Resp: 20

Ion Ratio Lower Upper

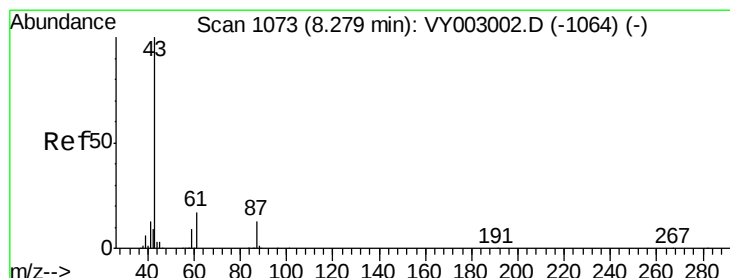
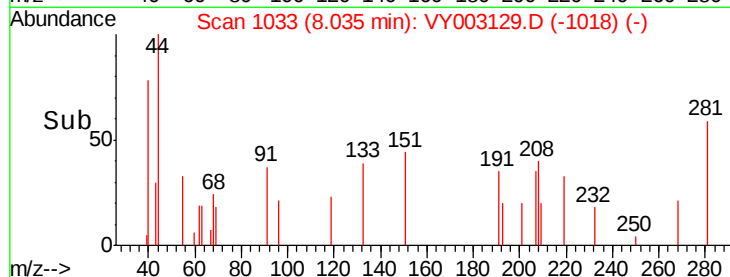
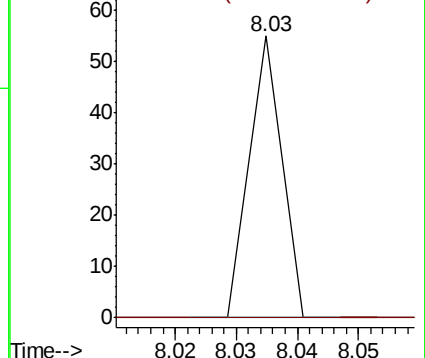
62 100

98 0.0 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#43

Isopropyl Acetate

Concen: 696.336 ug/l

RT: 8.02 min Scan# 1031

Delta R.T. -0.26 min

Lab File: VY003129.D

Acq: 07 Jul 2020 16:14

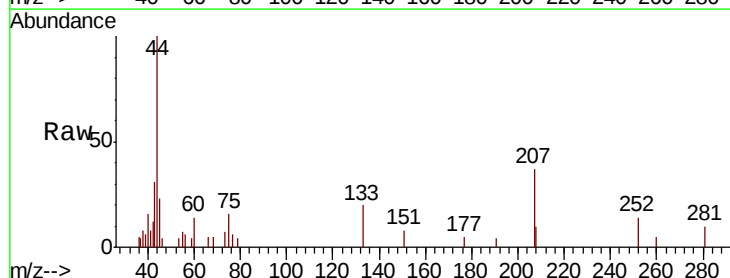
Tgt Ion: 43 Resp: 184

Ion Ratio Lower Upper

43 100

61 0.0 21.8 32.6#

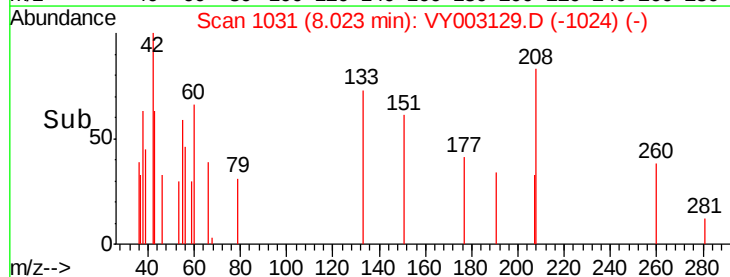
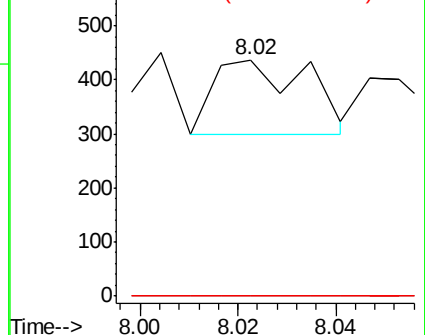
87 0.0 10.1 15.1#

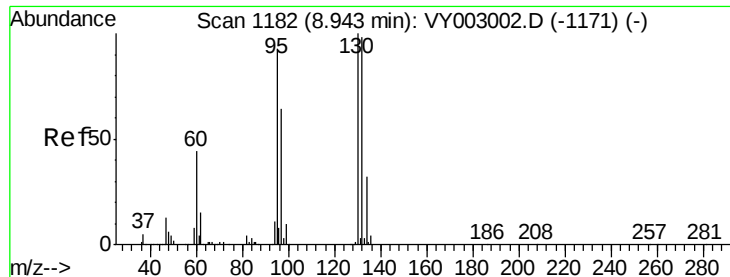


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

Ion 87.00 (86.70 to 87.70): VY0





#44

Trichloroethene

Concen: 141.338 ug/l

RT: 8.63 min Scan# 1130

Delta R.T. -0.32 min

Lab File: VY003129.D

Acq: 07 Jul 2020 16:14

Instrument :

MSVOA_Y

ClientSampleId :

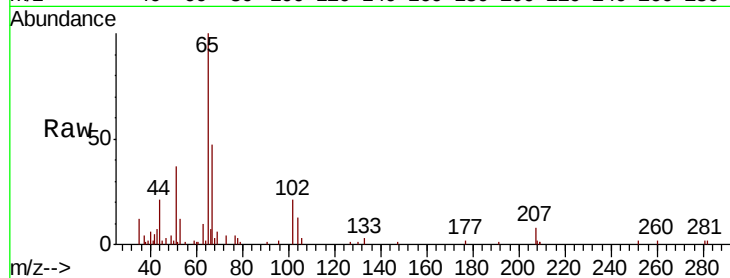
E3-41-VAT

Tot Ion:130 Resp: 26

Ion Ratio Lower Upper

130 100

95 0.0 0.0 186.4



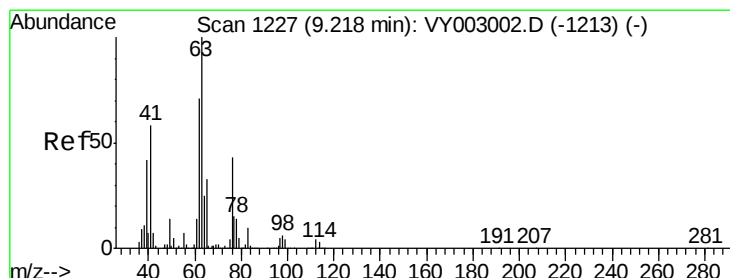
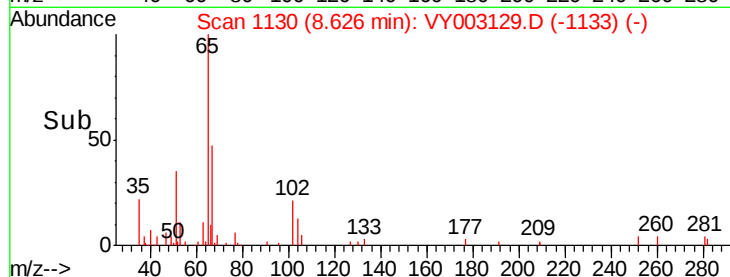
Abundance Ion 129.80 (129.50 to 130.50): VY0

Ion 94.90 (94.60 to 95.60): VY0

8.63

8.61 8.62 8.63 8.64

Time-->



#45

1,2-Dichloropropane

Concen: 331090.800 ug/l

RT: 9.03 min Scan# 1197

Delta R.T. -0.18 min

Lab File: VY003129.D

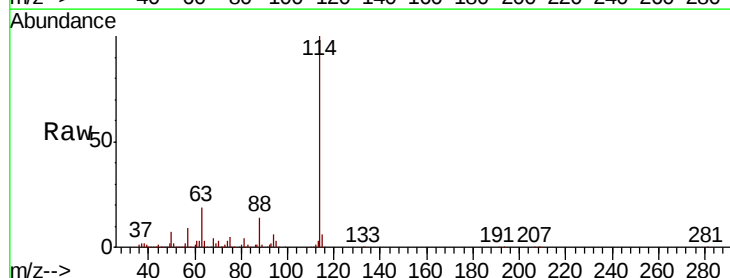
Acq: 07 Jul 2020 16:14

Tgt Ion: 63 Resp: 56376

Ion Ratio Lower Upper

63 100

65 0.2 26.2 39.4#



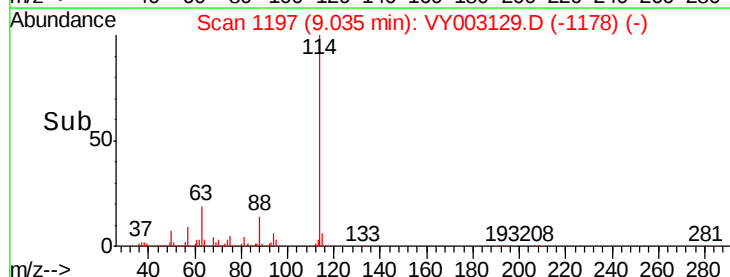
Abundance Ion 62.90 (62.60 to 63.60): VY0

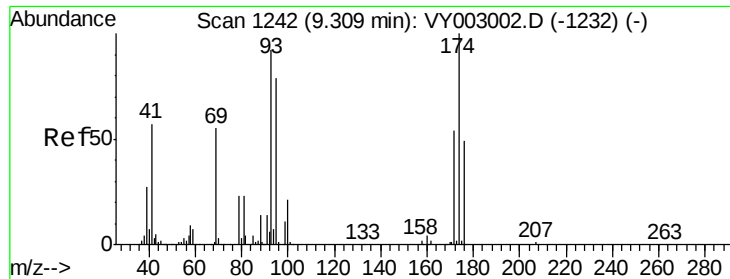
Ion 64.90 (64.60 to 65.60): VY0

9.03

8.95 9.00 9.05 9.10

Time-->





#46

Dibromomethane

Concen: 49148.068 ug/l

RT: 9.03 min Scan# 1197

Delta R.T. -0.27 min

Lab File: VY003129.D

Acq: 07 Jul 2020 16:14

Instrument :

MSVOA_Y

ClientSampleId :

E3-41-VAT

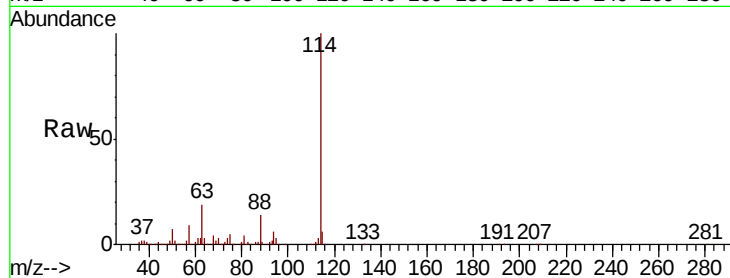
Tot Ion: 93 Resp: 4674

Ion Ratio Lower Upper

93 100

95 168.1 67.6 101.4#

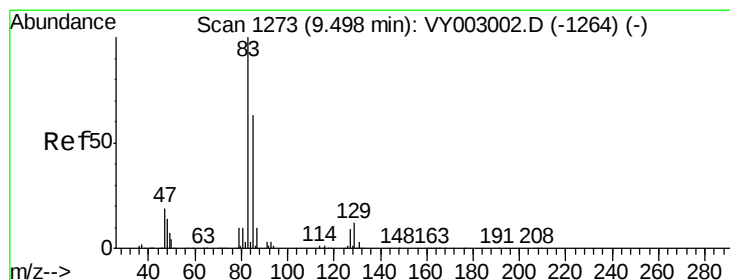
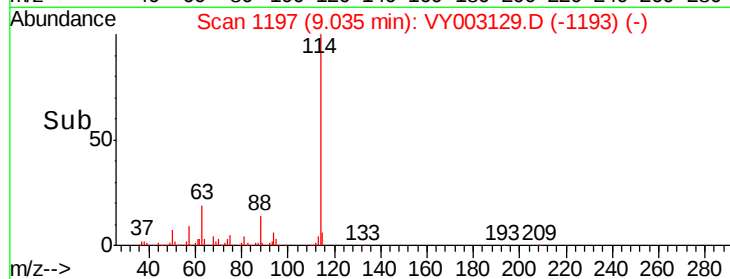
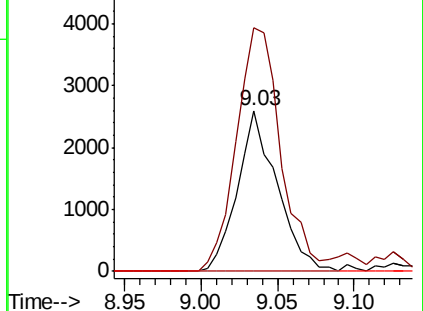
174 0.0 88.3 132.5#



Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V



#47

Bromodichloromethane

Concen: 19753.848 ug/l

RT: 9.04 min Scan# 1198

Delta R.T. -0.46 min

Lab File: VY003129.D

Acq: 07 Jul 2020 16:14

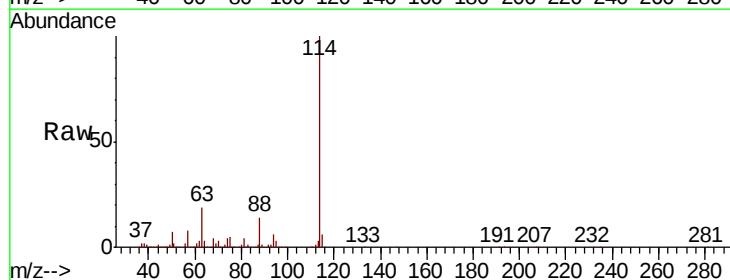
Tgt Ion: 83 Resp: 4600

Ion Ratio Lower Upper

83 100

85 0.0 50.5 75.7#

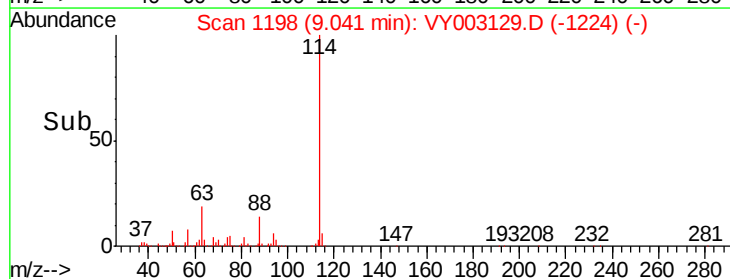
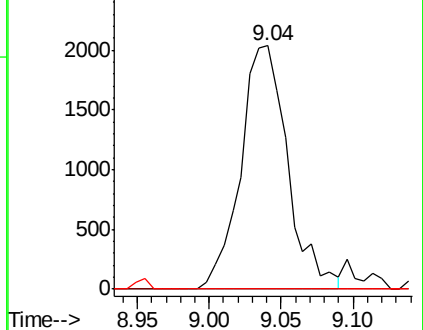
127 0.0 7.0 10.4#

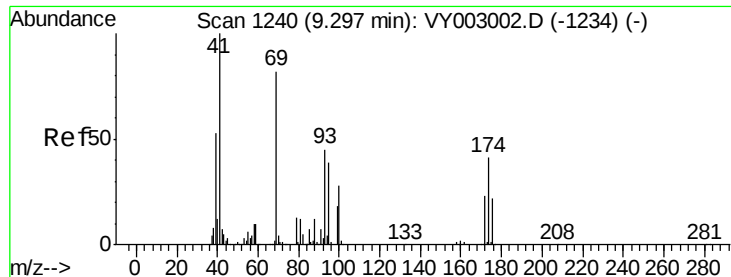


Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 126.80 (126.50 to 127.50): V

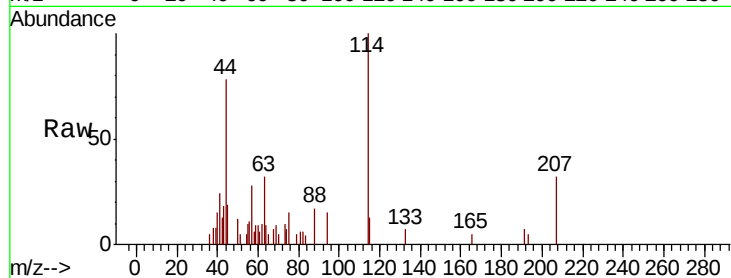




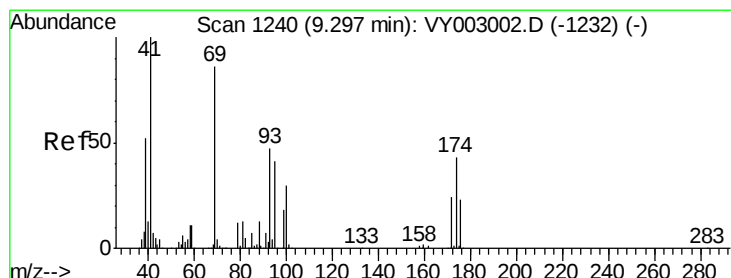
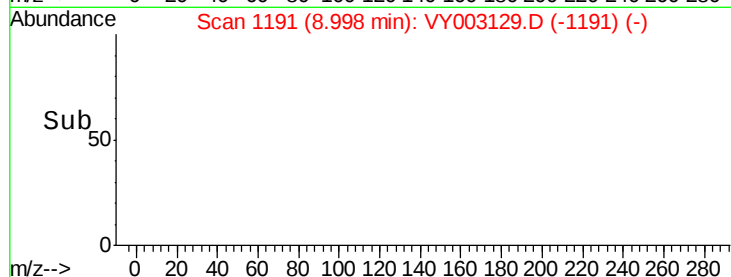
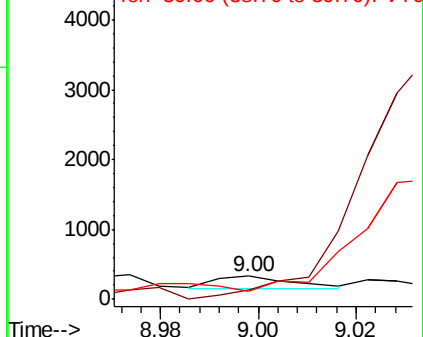
#48
Methvl methacrylate
Concen: 1737.688 ug/l
RT: 9.00 min Scan# 1191
Delta R.T. -0.30 min
Lab File: VY003129.D
Acq: 07 Jul 2020 16:14

Instrument :
MSVOA_Y
ClientSampleId :
E3-41-VAT

Tot Ion: 41 Resp: 209
Ion Ratio Lower Upper
41 100
69 0.0 67.7 101.5#
39 0.0 45.0 67.4#

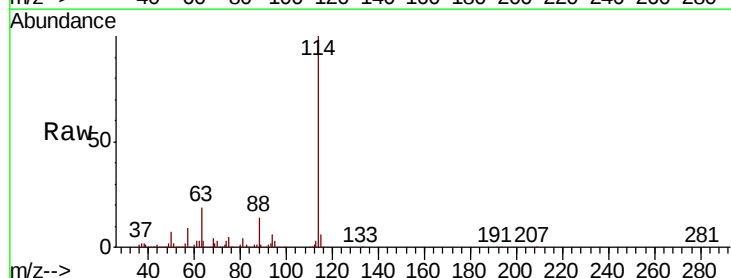


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0

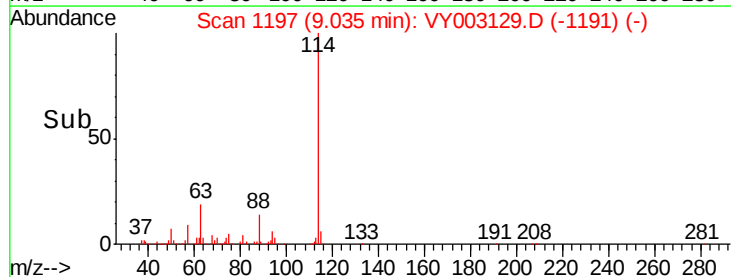
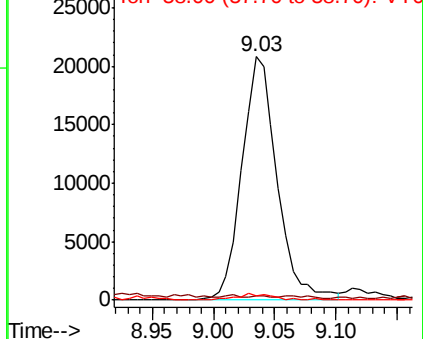


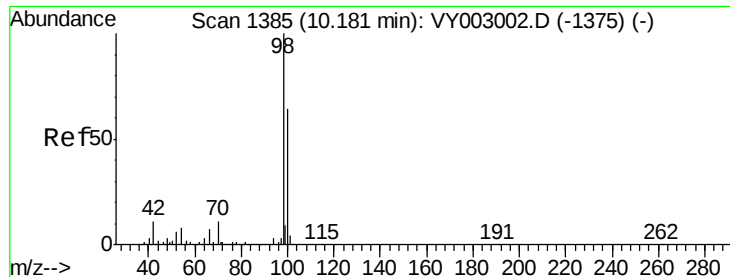
#49
1,4-Dioxane
Concen: 35919703.344 ug/l
RT: 9.03 min Scan# 1197
Delta R.T. -0.26 min
Lab File: VY003129.D
Acq: 07 Jul 2020 16:14

Tgt Ion: 88 Resp: 41699
Ion Ratio Lower Upper
88 100
43 0.4 28.6 42.8#
58 2.8 56.7 85.1#



Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0





#50

Toluene-d8

Concen: 41.236 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.40 min

Lab File: VY003129.D

Acq: 07 Jul 2020 16:14

Instrument :

MSVOA_Y

ClientSampleId :

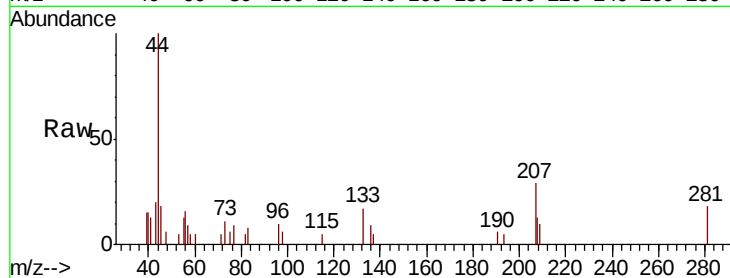
E3-41-VAT

Tot Ion: 98 Resp: 23

Ion Ratio Lower Upper

98 100

100 0.0 51.1 76.7#



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

9.78

60

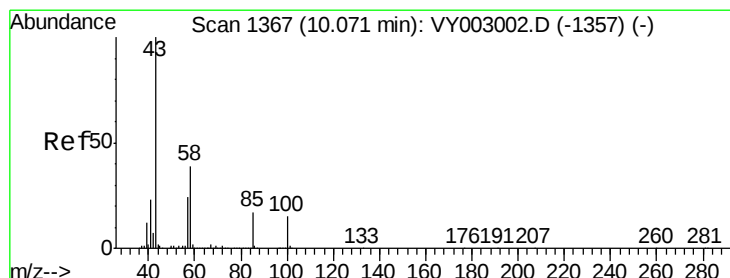
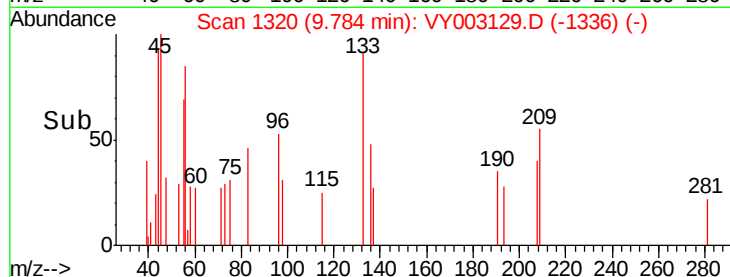
40

20

0

9.77 9.78 9.79 9.80

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1530.308 ug/l

RT: 9.76 min Scan# 1316

Delta R.T. -0.31 min

Lab File: VY003129.D

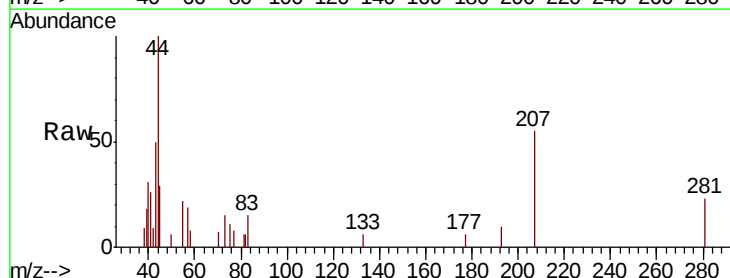
Acq: 07 Jul 2020 16:14

Tgt Ion: 43 Resp: 209

Ion Ratio Lower Upper

43 100

58 68.4 31.1 46.7#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

9.76

500

400

300

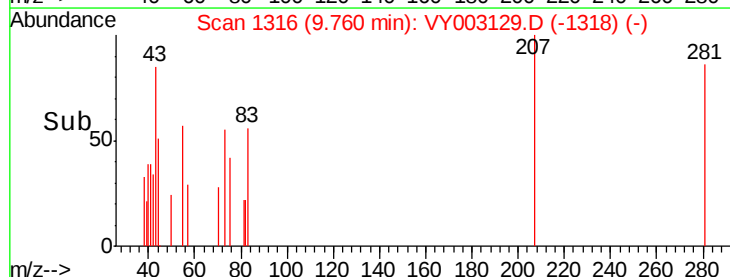
200

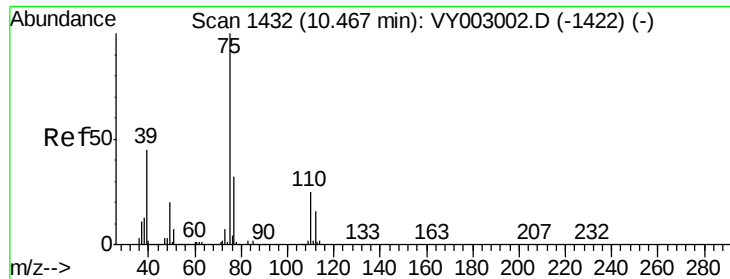
100

0

9.74 9.75 9.76 9.77 9.78

Time-->





#53

t-1,3-Dichloropropene

Concen: 204.797 ug/l

RT: 10.14 min Scan# 1379

Delta R.T. -0.32 min

Lab File: VY003129.D

Acq: 07 Jul 2020 16:14

Instrument :

MSVOA_Y

ClientSampled :

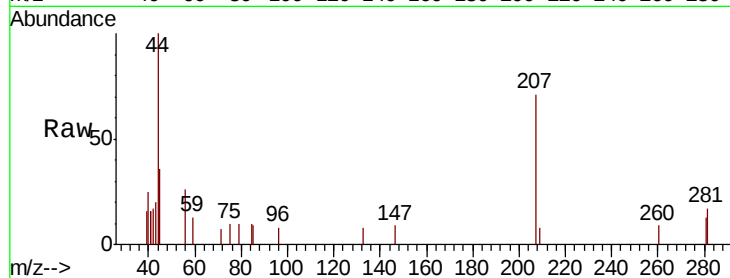
E3-41-VAT

Tot Ion: 75 Resp: 50

Ion Ratio Lower Upper

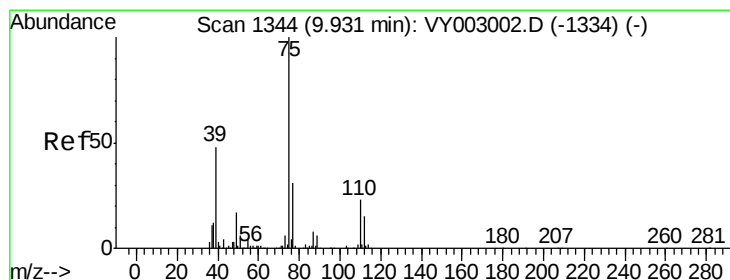
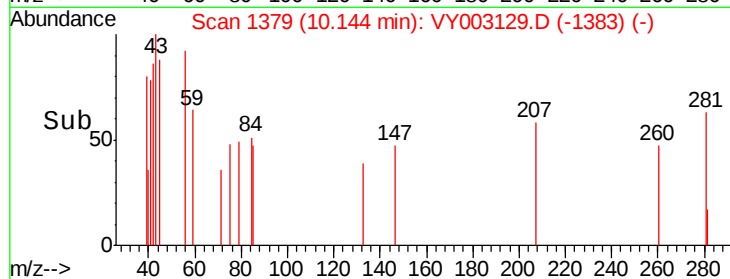
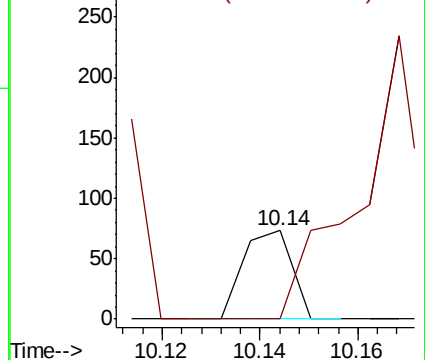
75 100

77 0.0 25.9 38.9#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 590.938 ug/l

RT: 9.63 min Scan# 1295

Delta R.T. -0.30 min

Lab File: VY003129.D

Acq: 07 Jul 2020 16:14

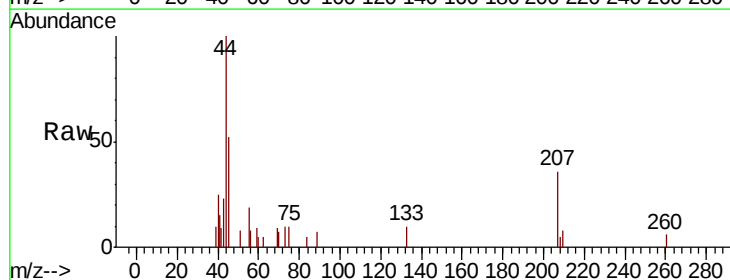
Tgt Ion: 75 Resp: 165

Ion Ratio Lower Upper

75 100

77 0.0 24.6 37.0#

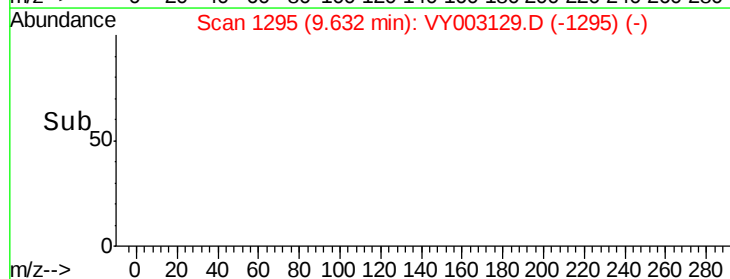
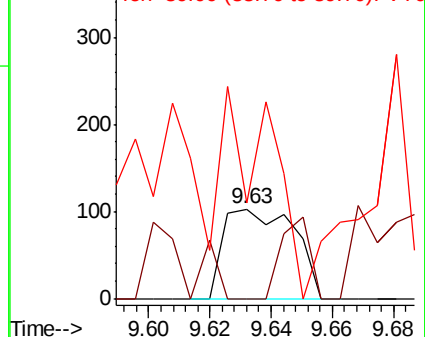
39 22.3 38.3 57.5#

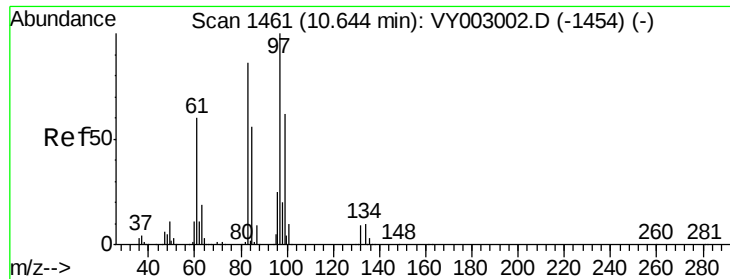


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0





#55

1,1,2-Trichloroethane

Concen: 95322.506 ug/l

RT: 10.36 min Scan# 1414

Delta R.T. -0.29 min

Lab File: VY003129.D

Acq: 07 Jul 2020 16:14

Instrument :

MSVOA_Y

ClientSampleId :

E3-41-VAT

Tot Ion: 97 Resp: 12597

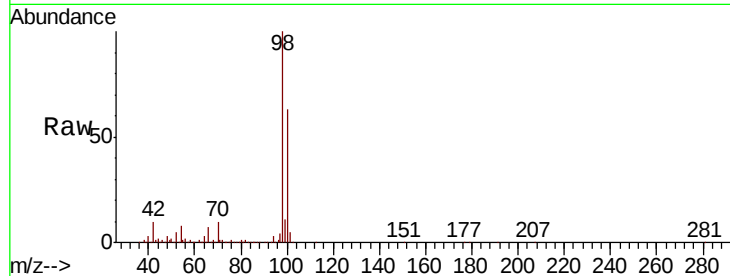
Ion Ratio Lower Upper

97 100

83 5.1 69.0 103.6#

85 1.8 44.8 67.2#

99 265.2 49.9 74.9#

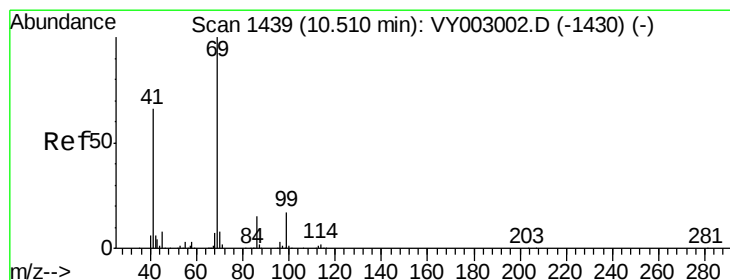
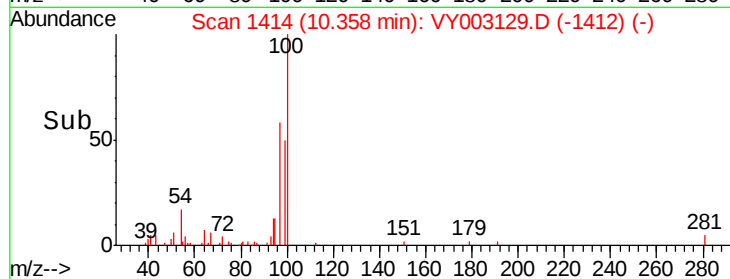
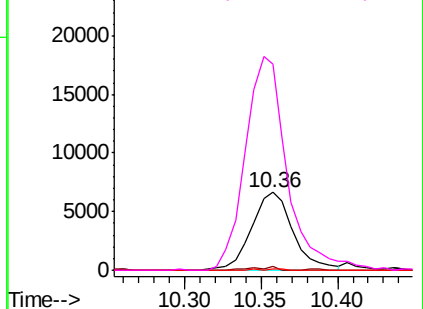


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 841.626 ug/l

RT: 10.17 min Scan# 1383

Delta R.T. -0.34 min

Lab File: VY003129.D

Acq: 07 Jul 2020 16:14

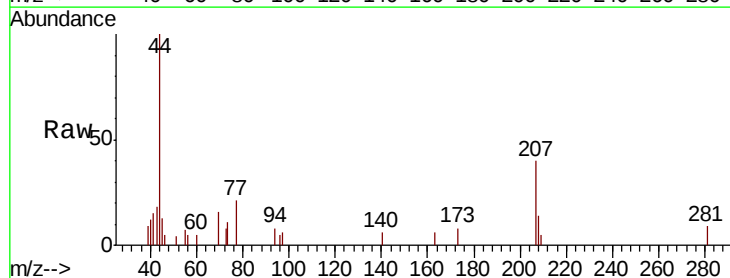
Tgt Ion: 69 Resp: 161

Ion Ratio Lower Upper

69 100

41 97.5 53.7 80.5#

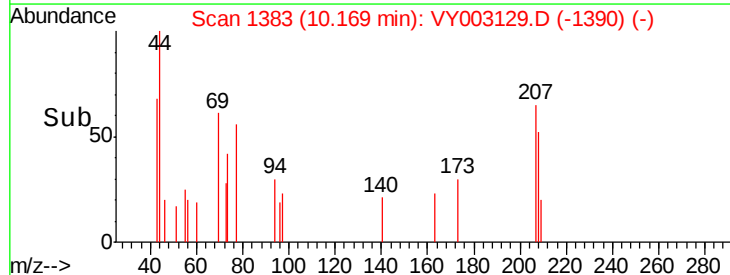
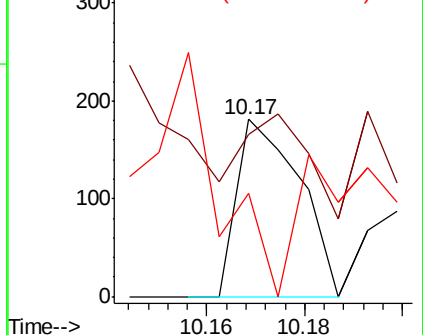
39 106.8 28.3 42.5#

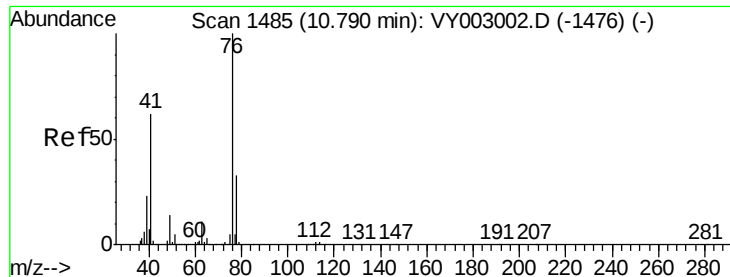


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 17741.853 ug/l

RT: 10.35 min Scan# 1413

Delta R.T. -0.44 min

Lab File: VY003129.D

Acq: 07 Jul 2020 16:14

Instrument :

MSVOA_Y

ClientSampleId :

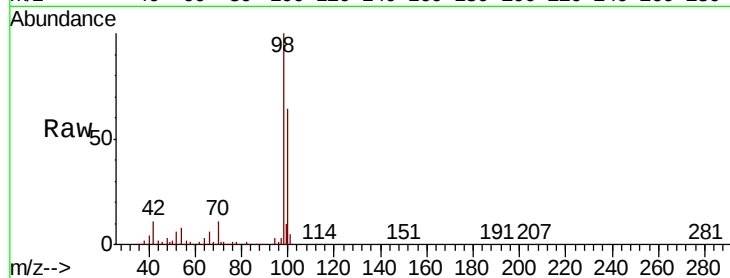
E3-41-VAT

Tot Ion: 76 Resp: 4116

Ion Ratio Lower Upper

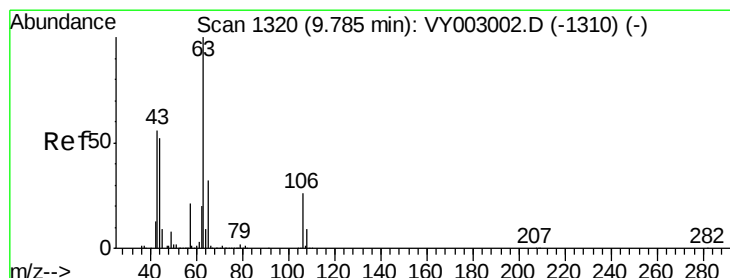
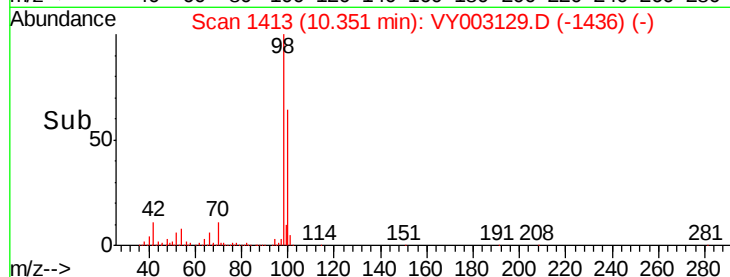
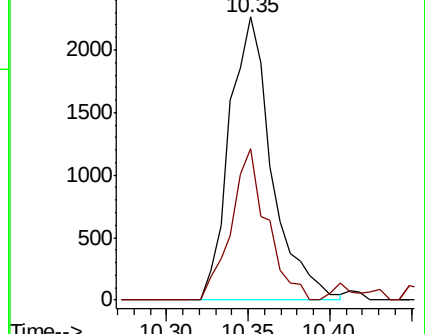
76 100

78 45.1 26.0 39.0#



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 479.053 ug/l

RT: 9.40 min Scan# 1257

Delta R.T. -0.38 min

Lab File: VY003129.D

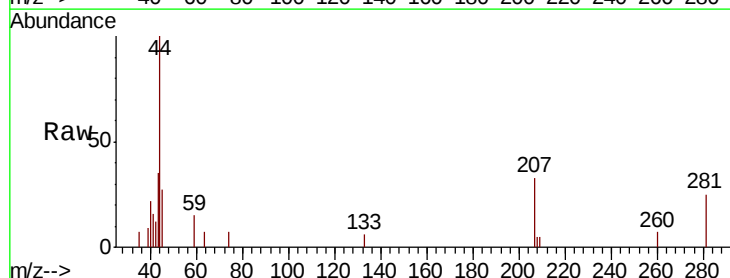
Acq: 07 Jul 2020 16:14

Tgt Ion: 63 Resp: 47

Ion Ratio Lower Upper

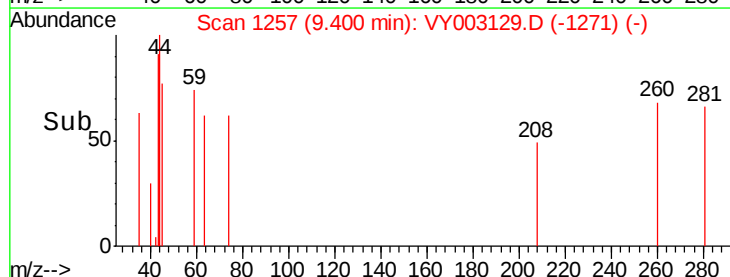
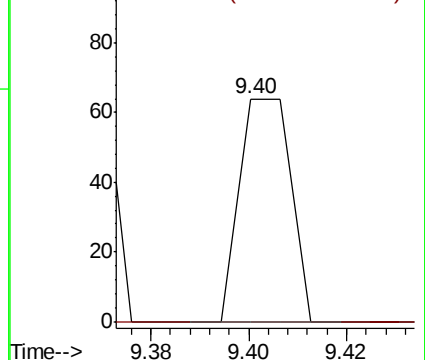
63 100

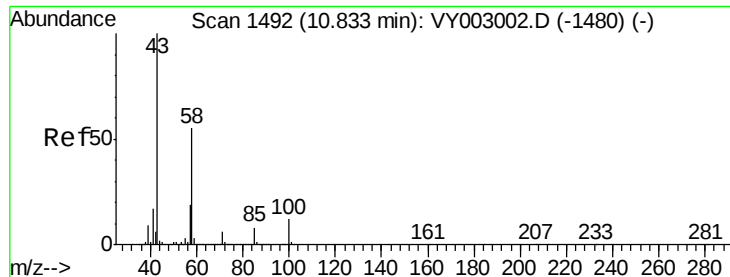
106 0.0 21.5 32.3#



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

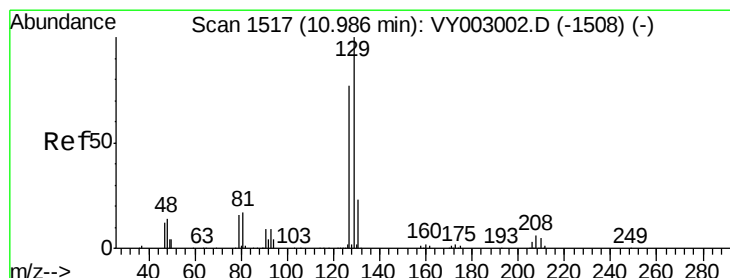
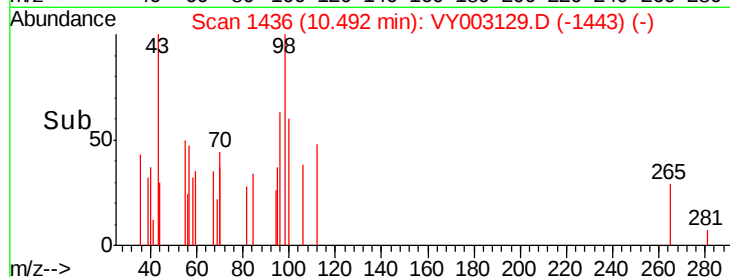
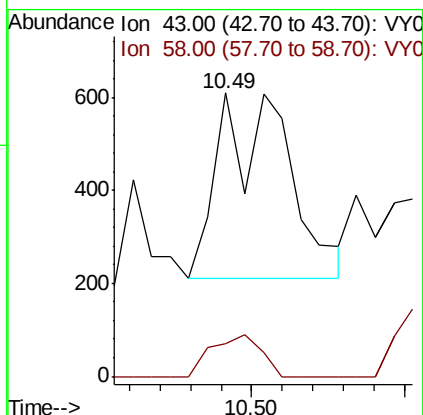
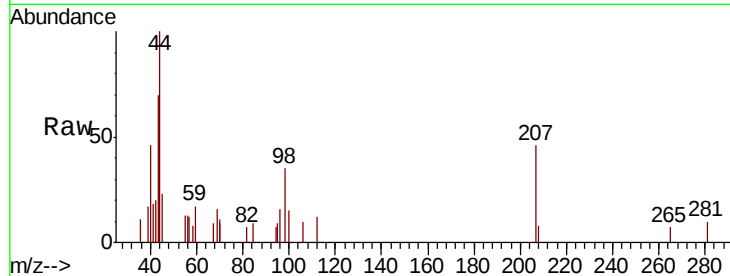




#59
2-Hexanone
Concen: 6589.126 ug/l
RT: 10.49 min Scan# 1436
Delta R.T. -0.34 min
Lab File: VY003129.D
Acq: 07 Jul 2020 16:14

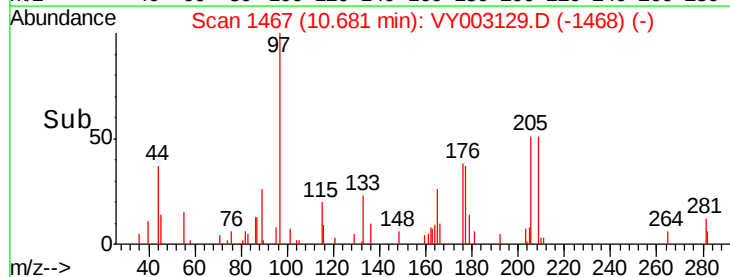
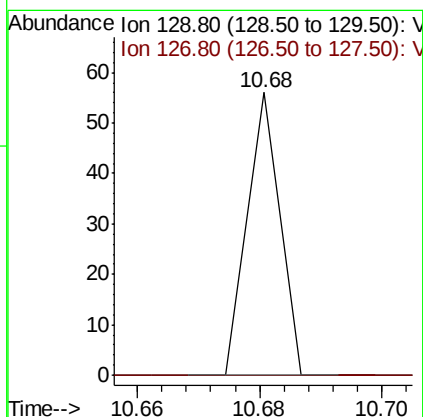
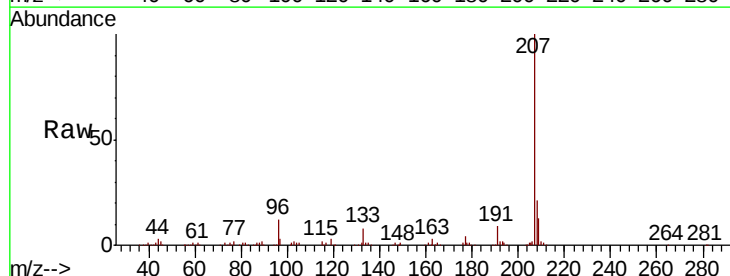
Instrument :
MSVOA_Y
ClientSampled :
E3-41-VAT

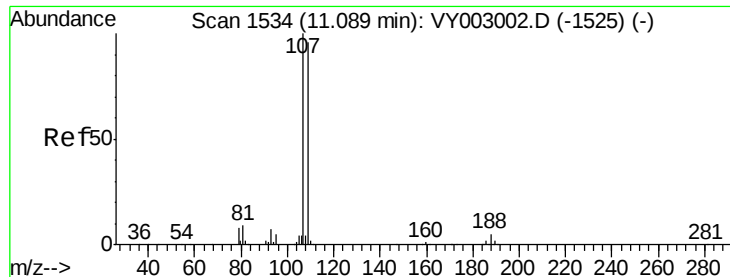
Tot Ion: 43 Resp: 629
Ion Ratio Lower Upper
43 100
58 15.9 27.5 82.4#



#60
Dibromochloromethane
Concen: 118.260 ug/l
RT: 10.68 min Scan# 1467
Delta R.T. -0.30 min
Lab File: VY003129.D
Acq: 07 Jul 2020 16:14

Tgt Ion: 129 Resp: 20
Ion Ratio Lower Upper
129 100
127 0.0 39.1 117.3#





#61

1,2-Dibromoethane

Concen: 383.782 ug/l

RT: 10.69 min Scan# 1468

Delta R.T. -0.40 min

Lab File: VY003129.D

Acq: 07 Jul 2020 16:14

Instrument :

MSVOA_Y

ClientSampleId :

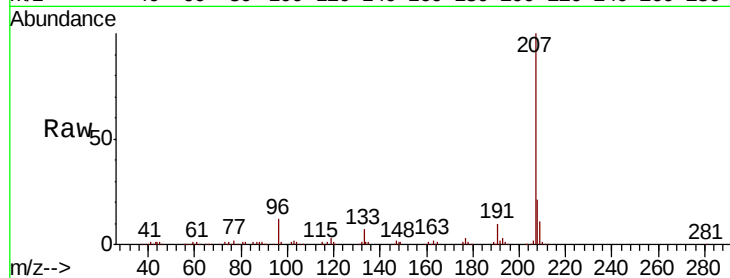
E3-41-VAT

Tot Ion:107 Resp: 50

Ion Ratio Lower Upper

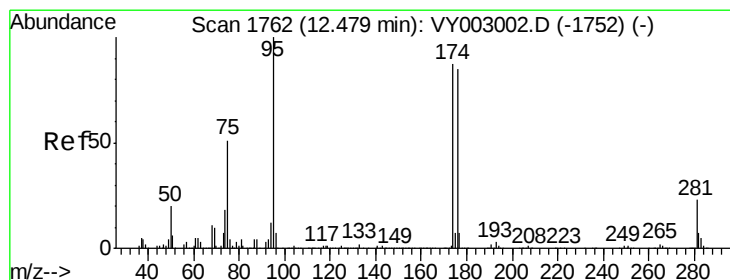
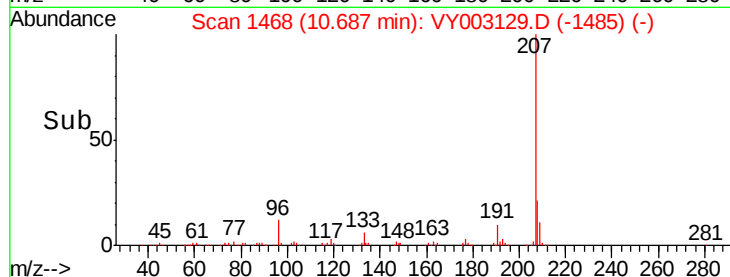
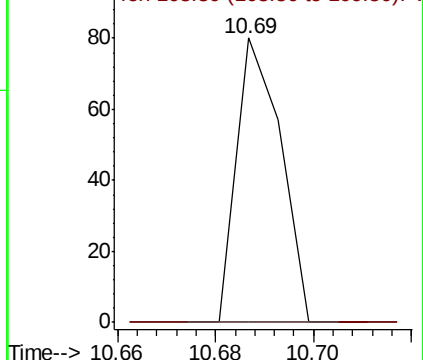
107 100

109 0.0 75.8 113.8#



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 244.484 ug/l

RT: 11.87 min Scan# 1662

Delta R.T. -0.61 min

Lab File: VY003129.D

Acq: 07 Jul 2020 16:14

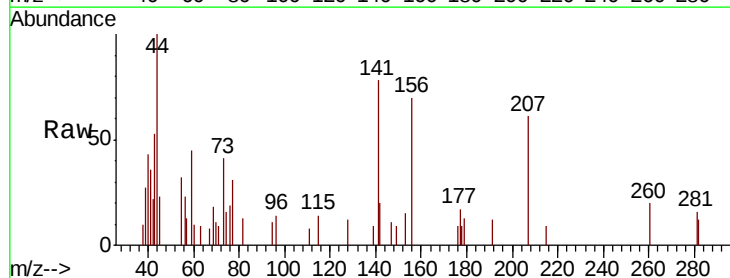
Tgt Ion: 95 Resp: 48

Ion Ratio Lower Upper

95 100

174 39.6 0.0 184.8

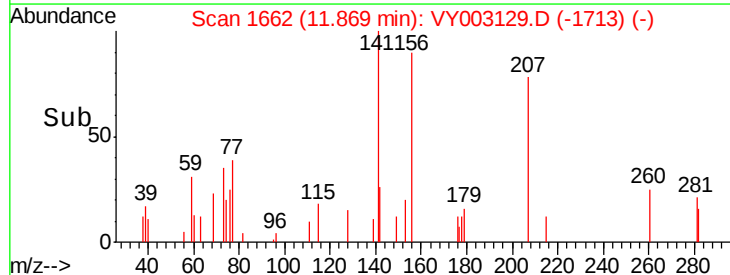
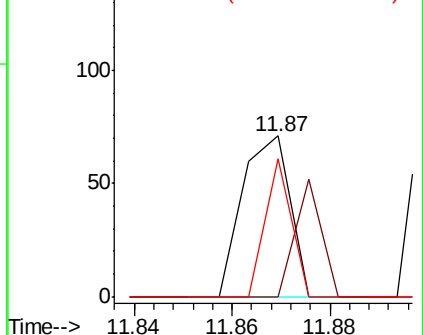
176 45.8 0.0 183.0

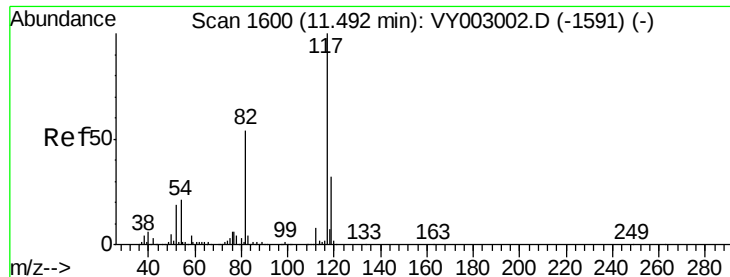


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.20 min Scan# 1553

Delta R.T. -0.29 min

Lab File: VY003129.D

Acq: 07 Jul 2020 16:14

Instrument :

MSVOA_Y

ClientSampleId :

E3-41-VAT

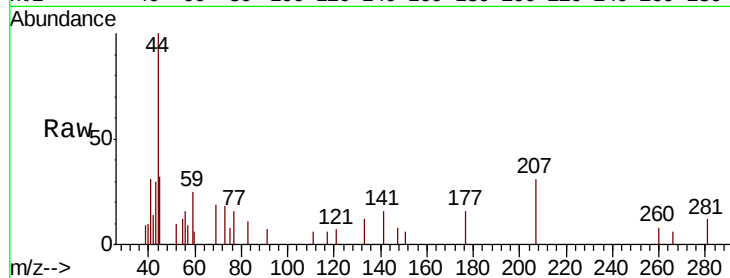
Tot Ion:117 Resp: 38

Ion Ratio Lower Upper

117 100

82 0.0 43.0 64.6#

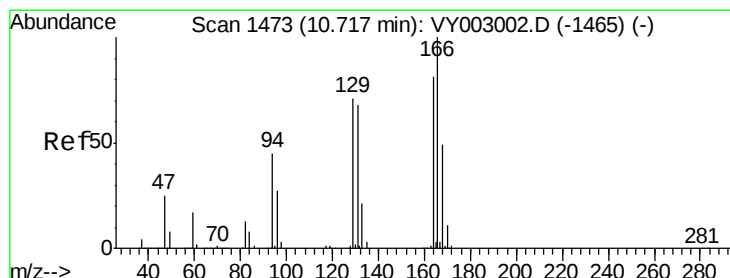
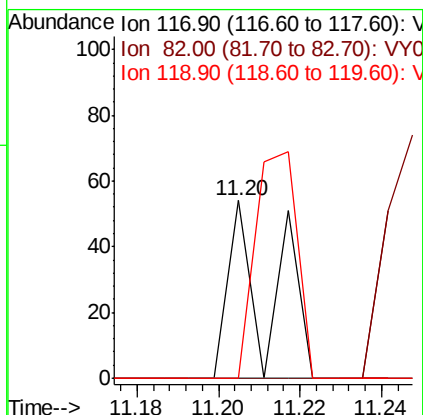
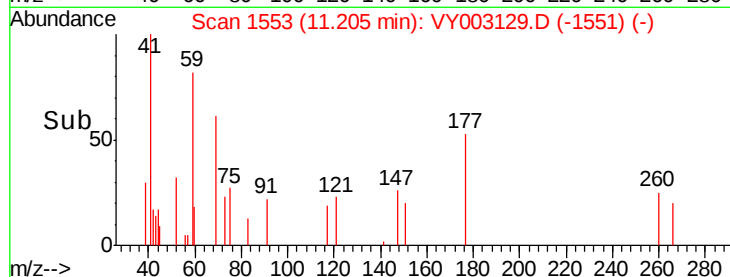
119 0.0 25.8 38.8#



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 1119.364 ug/l

RT: 10.68 min Scan# 1467

Delta R.T. -0.04 min

Lab File: VY003129.D

Acq: 07 Jul 2020 16:14

Tgt Ion:164 Resp: 360

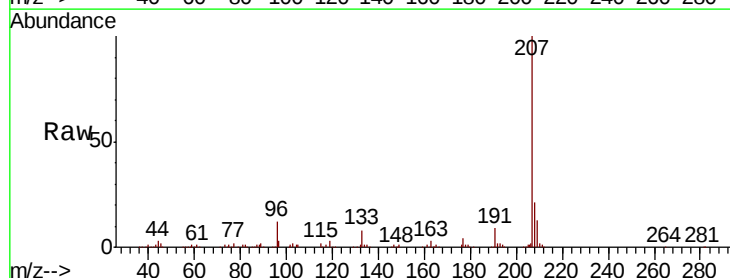
Ion Ratio Lower Upper

164 100

166 43.4 98.5 147.7#

129 23.1 69.7 104.5#

131 40.9 67.2 100.8#

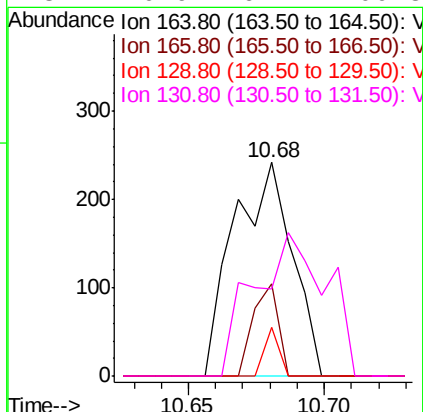
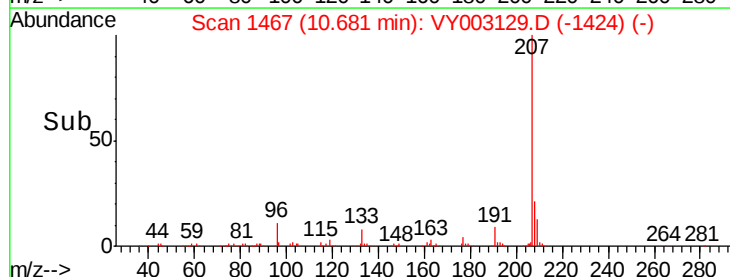


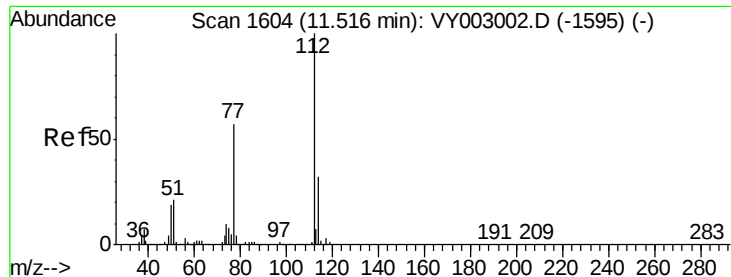
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 704.669 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.08 min

Lab File: VY003129.D

Acq: 07 Jul 2020 16:14

Instrument :

MSVOA_Y

ClientSampleId :

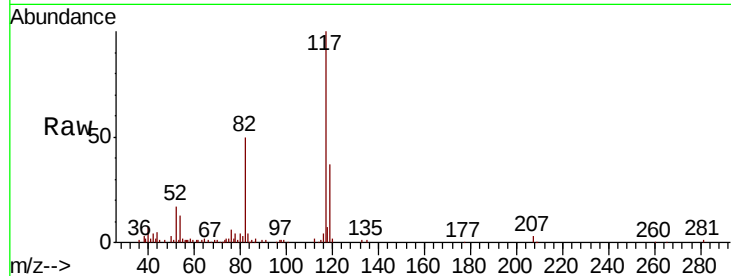
E3-41-VAT

Tot Ion:112 Resp: 528

Ion Ratio Lower Upper

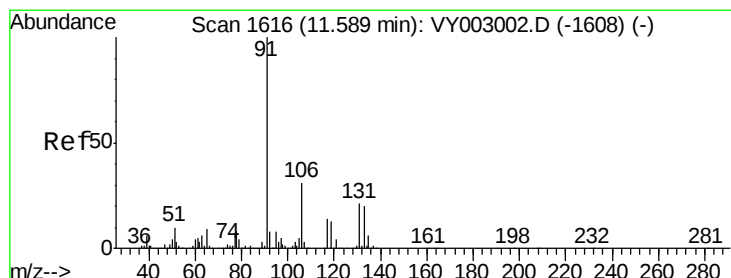
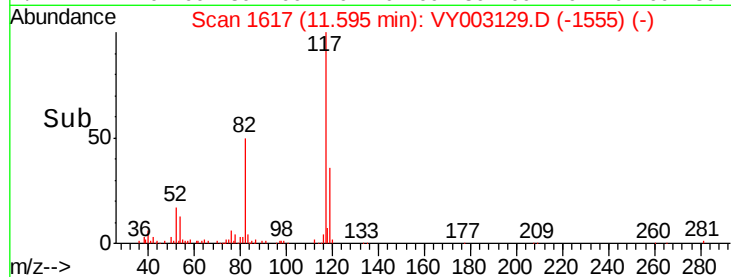
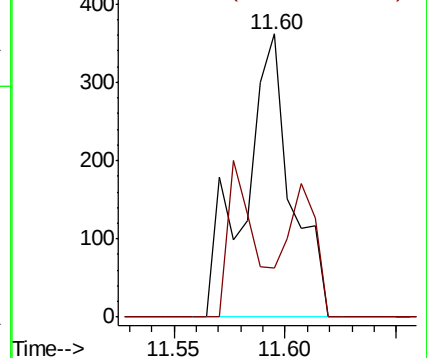
112 100

114 17.1 25.7 38.5#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 112.806 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.01 min

Lab File: VY003129.D

Acq: 07 Jul 2020 16:14

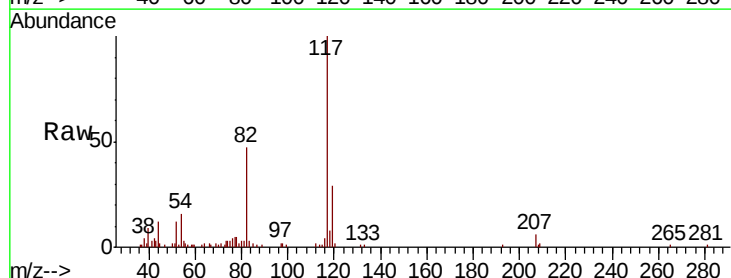
Tgt Ion:131 Resp: 33

Ion Ratio Lower Upper

131 100

133 757.6 47.9 143.8#

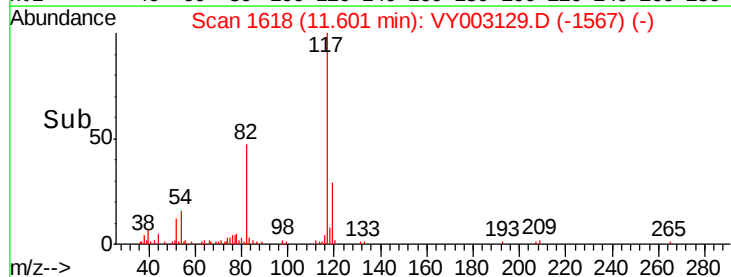
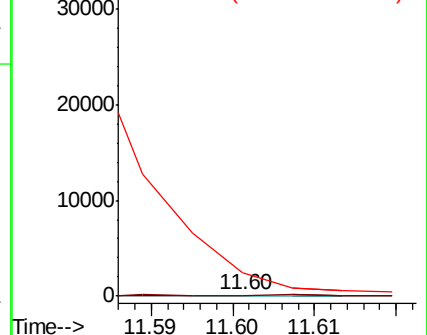
119 0.0 31.8 95.3#

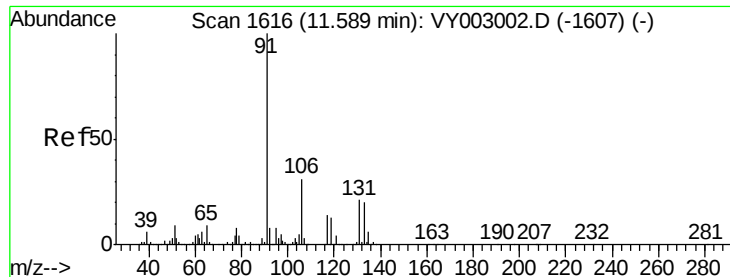


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

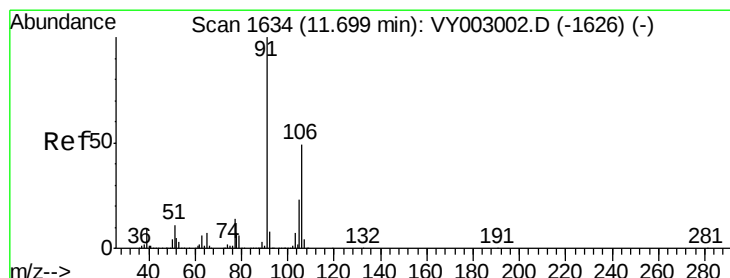
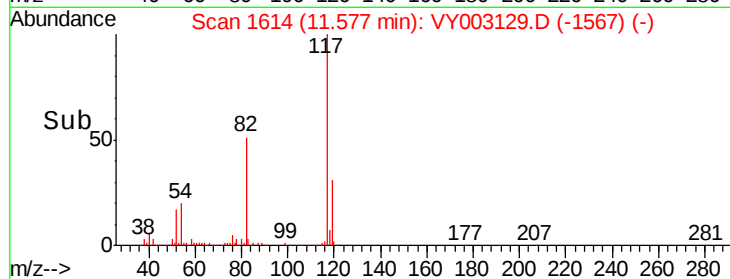
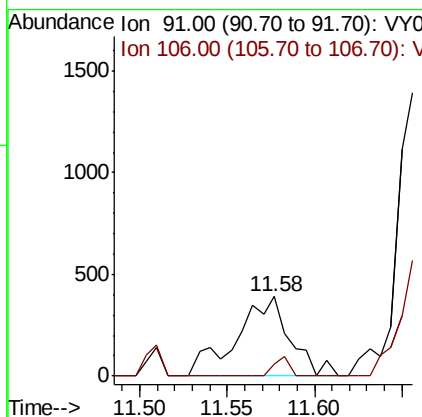
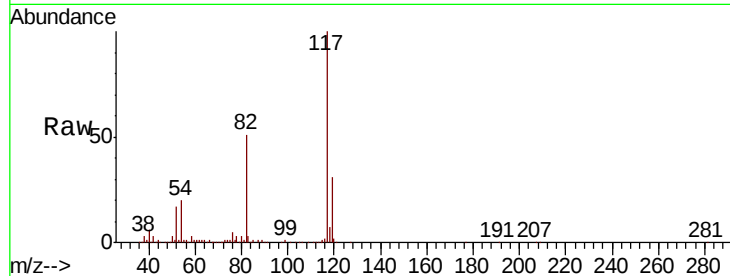




#67
Ethyl Benzene
Concen: 613.521 ug/l
RT: 11.58 min Scan# 1614
Delta R.T. -0.01 min
Lab File: VY003129.D
Acq: 07 Jul 2020 16:14

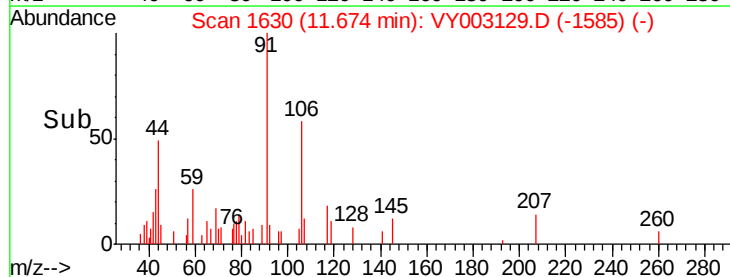
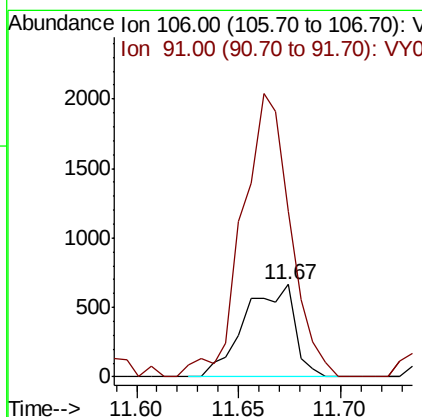
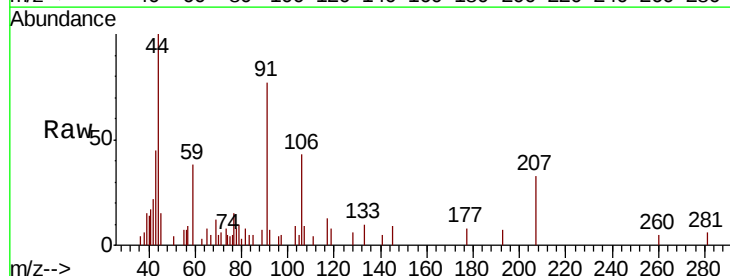
Instrument :
MSVOA_Y
ClientSampleId :
E3-41-VAT

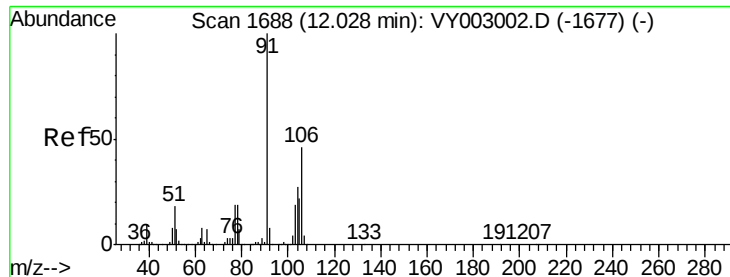
Tot Ion: 91 Resp: 841
Ion Ratio Lower Upper
91 100
106 14.5 25.0 37.4#



#68
m/p-Xylenes
Concen: 2201.202 ug/l
RT: 11.67 min Scan# 1630
Delta R.T. -0.02 min
Lab File: VY003129.D
Acq: 07 Jul 2020 16:14

Tgt Ion: 106 Resp: 1123
Ion Ratio Lower Upper
106 100
91 297.0 161.9 242.9#

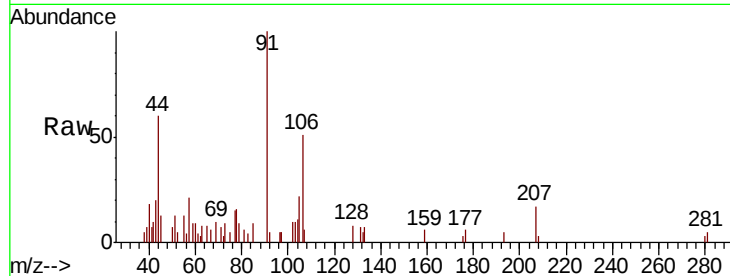




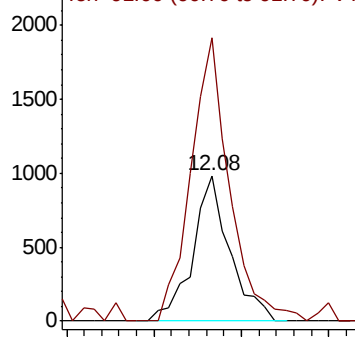
#69
o-Xylene
Concen: 3003.628 ug/l
RT: 12.08 min Scan# 1697
Delta R.T. 0.05 min
Lab File: VY003129.D
Acq: 07 Jul 2020 16:14

Instrument :
MSVOA_Y
ClientSampleId :
E3-41-VAT

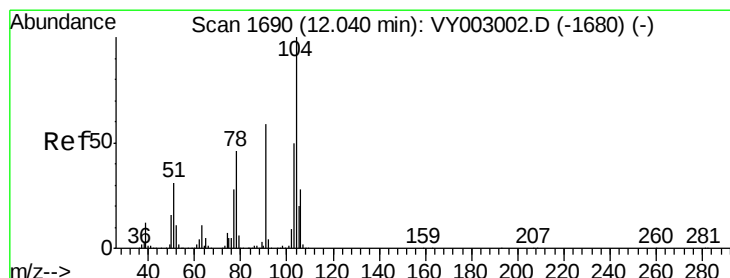
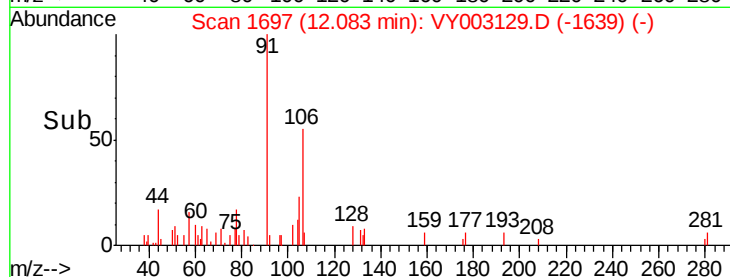
Tot Ion:106 Resp: 1444
Ion Ratio Lower Upper
106 100
91 203.3 107.9 323.8



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

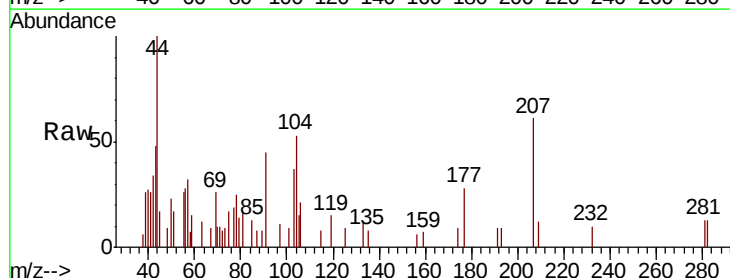


Time-->

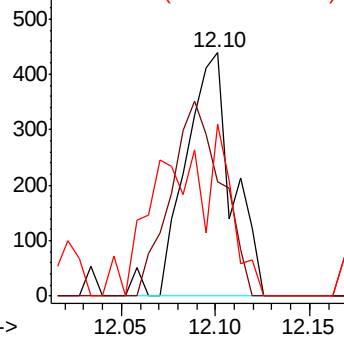


#70
Styrene
Concen: 919.264 ug/l
RT: 12.10 min Scan# 1700
Delta R.T. 0.06 min
Lab File: VY003129.D
Acq: 07 Jul 2020 16:14

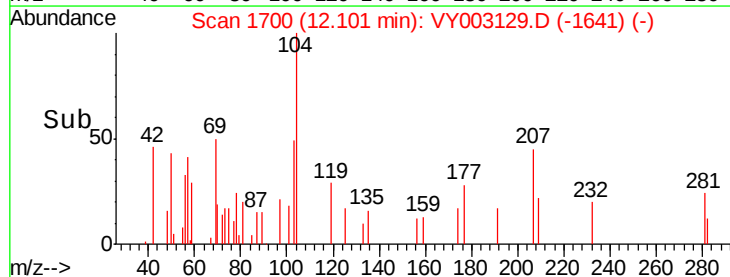
Tgt Ion:104 Resp: 755
Ion Ratio Lower Upper
104 100
78 87.4 40.4 60.6#
103 0.0 44.1 66.1#

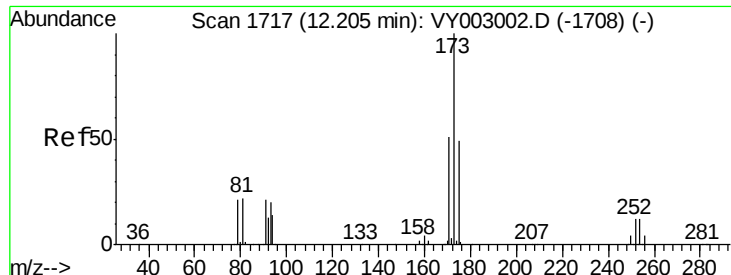


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 246.072 ug/l

RT: 12.25 min Scan# 1724

Delta R.T. 0.04 min

Lab File: VY003129.D

Acq: 07 Jul 2020 16:14

Instrument :

MSVOA_Y

ClientSampleId :

E3-41-VAT

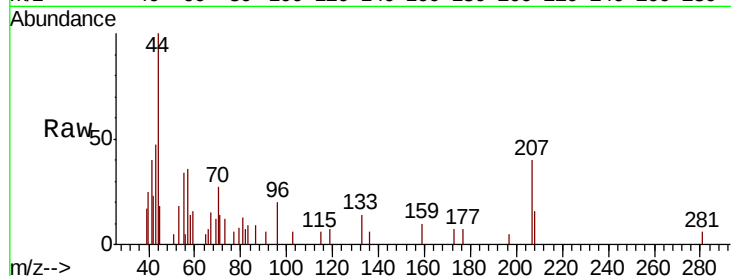
Tot Ion:173 Resp: 48

Ion Ratio Lower Upper

173 100

175 0.0 24.6 73.6#

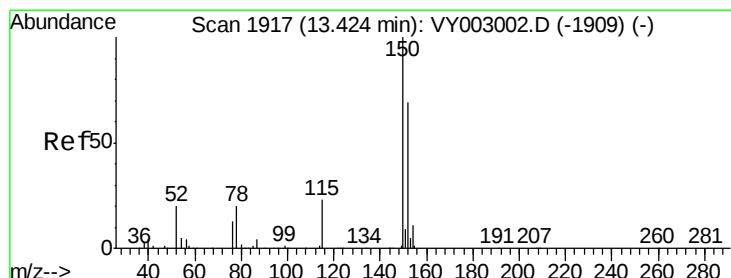
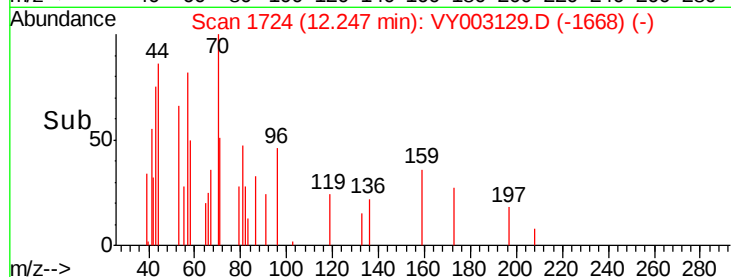
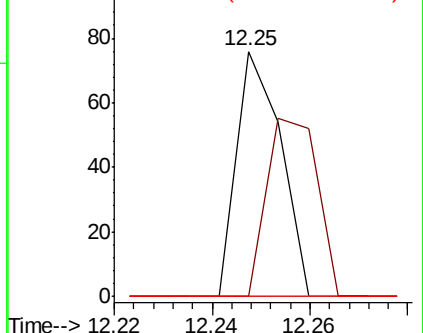
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.02 min

Lab File: VY003129.D

Acq: 07 Jul 2020 16:14

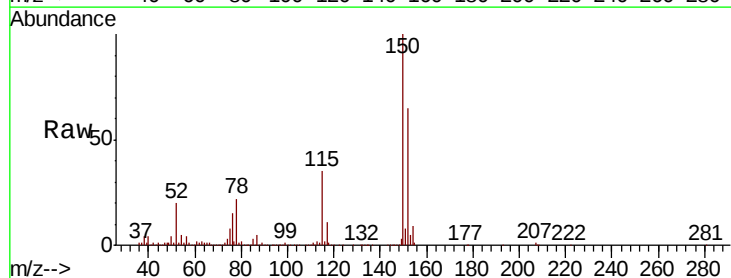
Tgt Ion:152 Resp: 106331

Ion Ratio Lower Upper

152 100

115 53.0 27.3 81.9

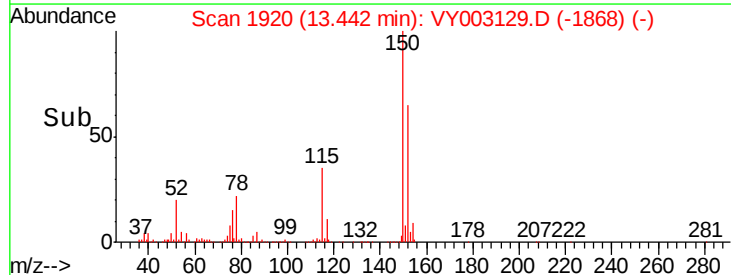
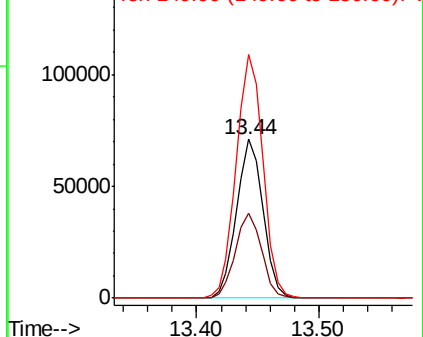
150 154.9 0.0 343.4

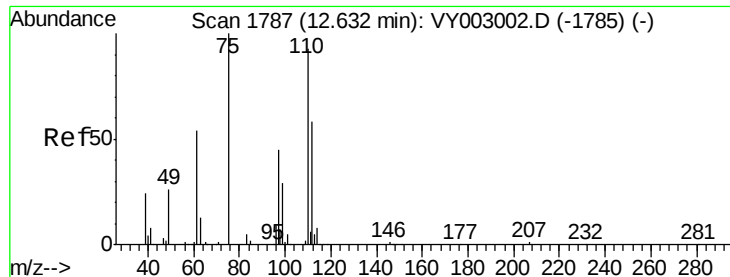


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 46.443 ug/l

RT: 12.52 min Scan# 1769

Delta R.T. -0.11 min

Lab File: VY003129.D

Acq: 07 Jul 2020 16:14

Instrument :

MSVOA_Y

ClientSampleId :

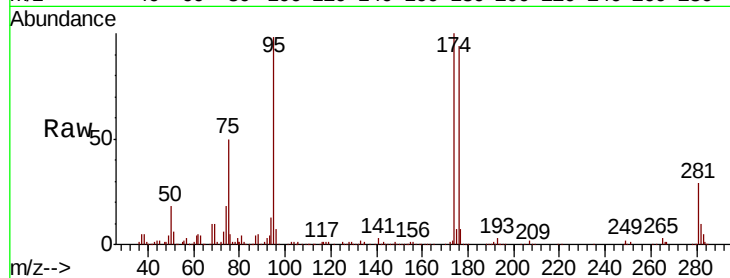
E3-41-VAT

Tot Ion: 75 Resp: 48874

Ion Ratio Lower Upper

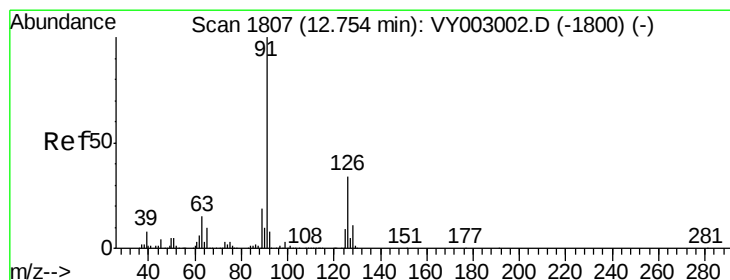
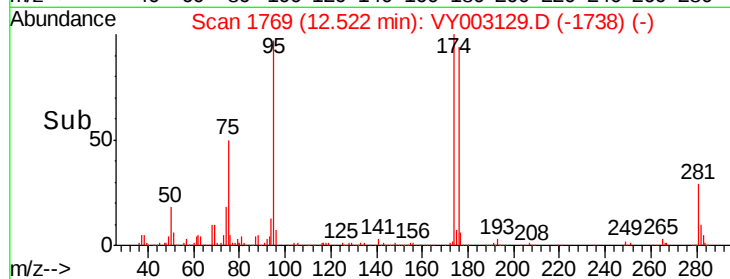
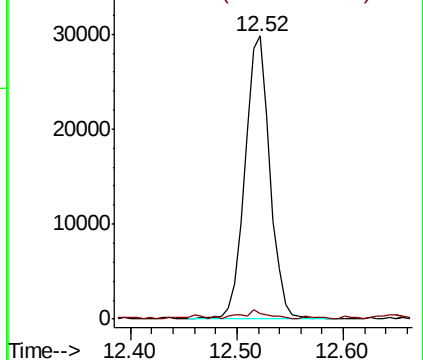
75 100

77 3.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0



#79

2-Chlorotoluene

Concen: 2.559 ug/l

RT: 12.79 min Scan# 1813

Delta R.T. 0.04 min

Lab File: VY003129.D

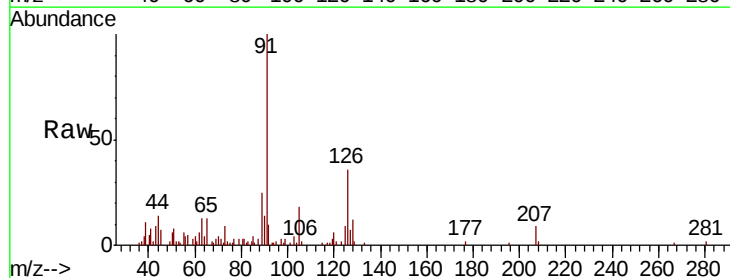
Acq: 07 Jul 2020 16:14

Tgt Ion: 91 Resp: 11952

Ion Ratio Lower Upper

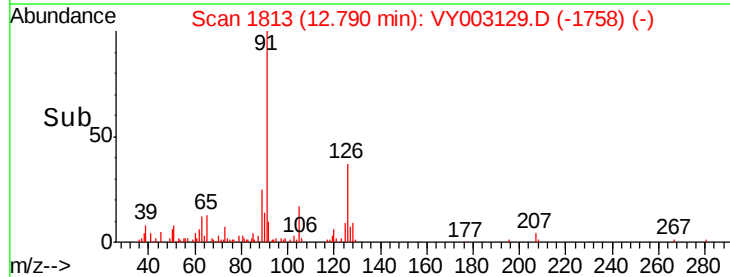
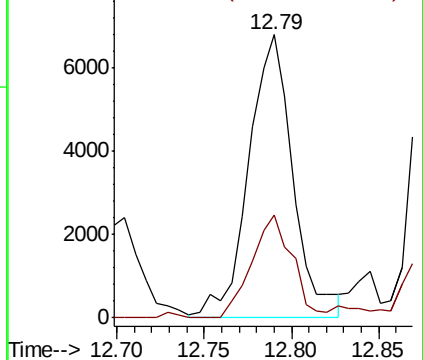
91 100

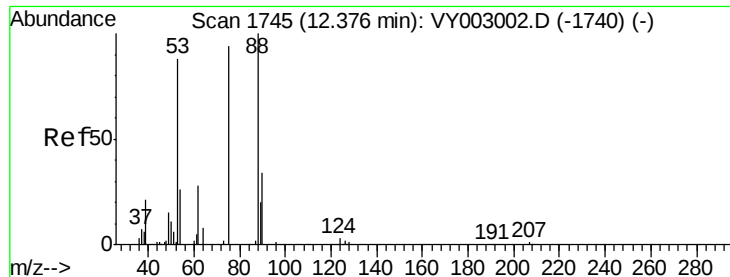
126 33.4 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 90.358 ug/l

RT: 12.52 min Scan# 1769

Delta R.T. 0.15 min

Lab File: VY003129.D

Acq: 07 Jul 2020 16:14

Instrument :

MSVOA_Y

ClientSampleId :

E3-41-VAT

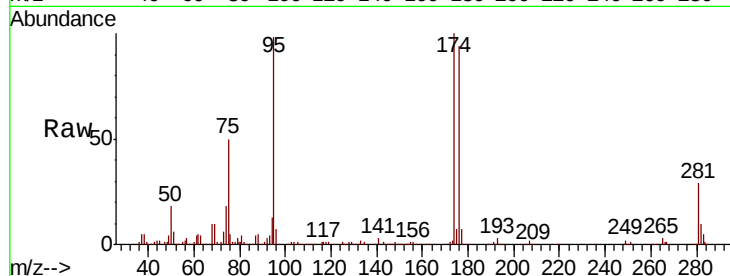
Tot Ion: 75 Resp: 48874

Ion Ratio Lower Upper

75 100

53 0.0 73.9 110.9#

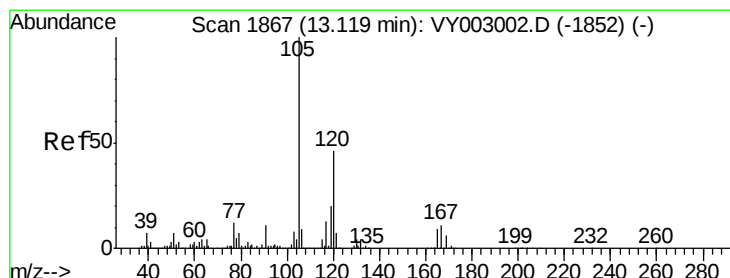
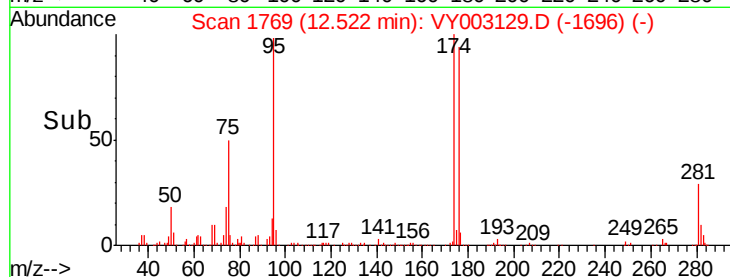
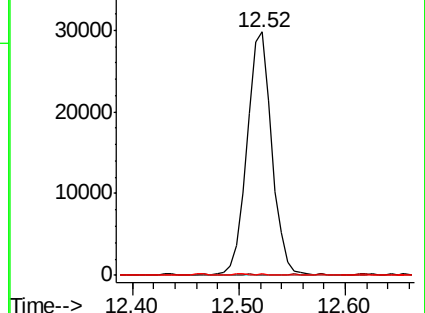
89 0.2 37.5 56.3#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#84

1,2,4-Trimethylbenzene

Concen: 1.479 ug/l

RT: 13.14 min Scan# 1870

Delta R.T. 0.02 min

Lab File: VY003129.D

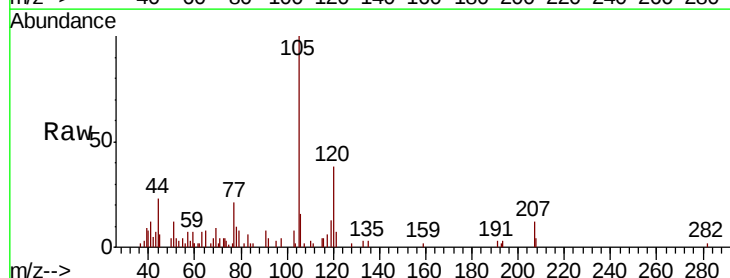
Acq: 07 Jul 2020 16:14

Tgt Ion: 105 Resp: 8700

Ion Ratio Lower Upper

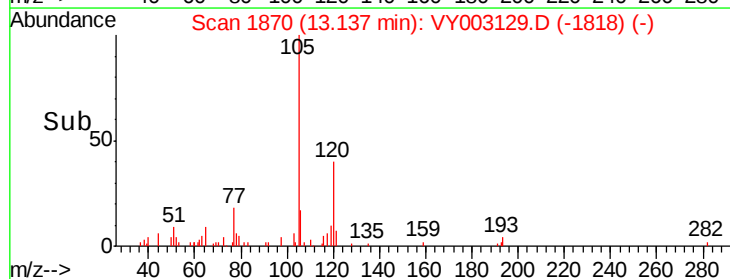
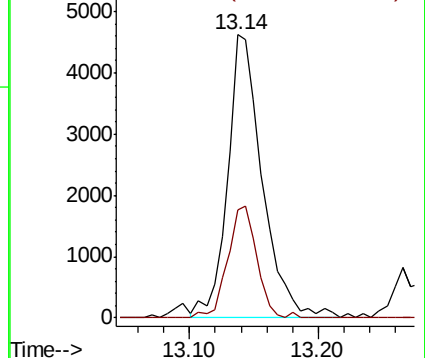
105 100

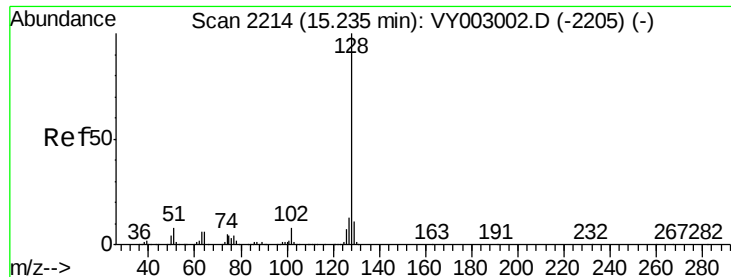
120 33.0 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 2.090 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. 0.01 min

Lab File: VY003129.D

Acq: 07 Jul 2020 16:14

Instrument :

MSVOA_Y

ClientSampleId :

E3-41-VAT

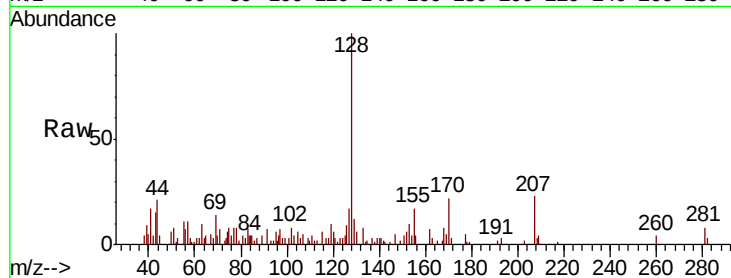
Tot Ion:128 Resp: 8477

Ion Ratio Lower Upper

128 100

127 21.0 10.8 16.2#

129 14.0 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

