

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY030220\
 Data File : VY001822.D
 Acq On : 02 Mar 2020 16:08
 Operator : SY/MD
 Sample : L1757-01
 Misc : 7.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-02-030220

Quant Time: Mar 02 17:01:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	139062	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	266013	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.50	117	194647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	68718	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	85403	57.09	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	114.18%	
35) Dibromofluoromethane	7.74	113	80296	52.70	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	105.40%	
50) Toluene-d8	10.19	98	311126	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
62) 4-Bromofluorobenzene	12.49	95	122937	53.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.02%	

Target Compounds						Qvalue
11) Tert butyl alcohol	4.98	59	185	Below Cal	#	74
16) Acetone	3.96	43	5871	11.34	ug/l	92
20) Methylene Chloride	4.74	84	3326	1.81	ug/l	87
25) 2-Butanone	7.02	43	1035	1.47	ug/l	# 48
31) Cyclohexane	7.80	56	6353	2.02	ug/l	# 28
36) 1,1-Dichloropropene	7.80	75	11412	4.49	ug/l	# 49
38) Carbon Tetrachloride	7.80	117	14065	6.30	ug/l	# 16
39) Methylcyclohexane	9.19	83	69668	20.67	ug/l	99
40) Benzene	8.17	78	9282	1.24	ug/l	94
48) Methyl methacrylate	9.25	41	2388	1.83	ug/l	# 31
51) 4-Methyl-2-Pentanone	9.97	43	100933	68.27	ug/l	# 41
52) Toluene	10.25	92	461932	99.10	ug/l	100
53) t-1,3-Dichloropropene	10.25	75	5089	1.95	ug/l	# 1
55) 1,1,2-Trichloroethane	10.63	97	87268	60.46	ug/l	# 20
56) Ethyl methacrylate	10.53	69	24288	11.22	ug/l	# 1
58) 2-Chloroethyl Vinyl ether	9.83	63	221	Below Cal	#	48
59) 2-Hexanone	10.81	43	183697	165.60	ug/l	# 27
67) Ethyl Benzene	11.60	91	1761610	244.27	ug/l	99
68) m/p-Xylenes	11.70	106	2183541	810.55	ug/l	96
69) o-Xylene	12.03	106	1592389	621.77	ug/l	100
70) Styrene	12.03	104	76657	17.22	ug/l	# 1
73) Isopropylbenzene	12.33	105	676015	129.13	ug/l	100
74) N-amyl acetate	12.13	43	589820	353.03	ug/l	# 53
75) 1,1,2,2-Tetrachloroethane	12.53	83	62783	56.17	ug/l	# 29
76) 1,2,3-Trichloropropane	12.67	75	13200	16.75	ug/l	# 100
77) Bromobenzene	12.58	156	1259	1.11	ug/l	# 1
78) n-propylbenzene	12.67	91	2310432	362.37	ug/l	100
79) 2-Chlorotoluene	12.74	91	688220	192.46	ug/l	# 43
80) 1,3,5-Trimethylbenzene	12.82	105	2089051	482.07	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.33	75	7266	17.49	ug/l	# 1
82) 4-Chlorotoluene	12.82	91	262703	69.65	ug/l	# 47
83) tert-Butylbenzene	13.08	119	31108	8.58	ug/l	# 40
84) 1,2,4-Trimethylbenzene	13.13	105	7996891	1851.00	ug/l	100
85) sec-Butylbenzene	13.26	105	731660	137.26	ug/l	80

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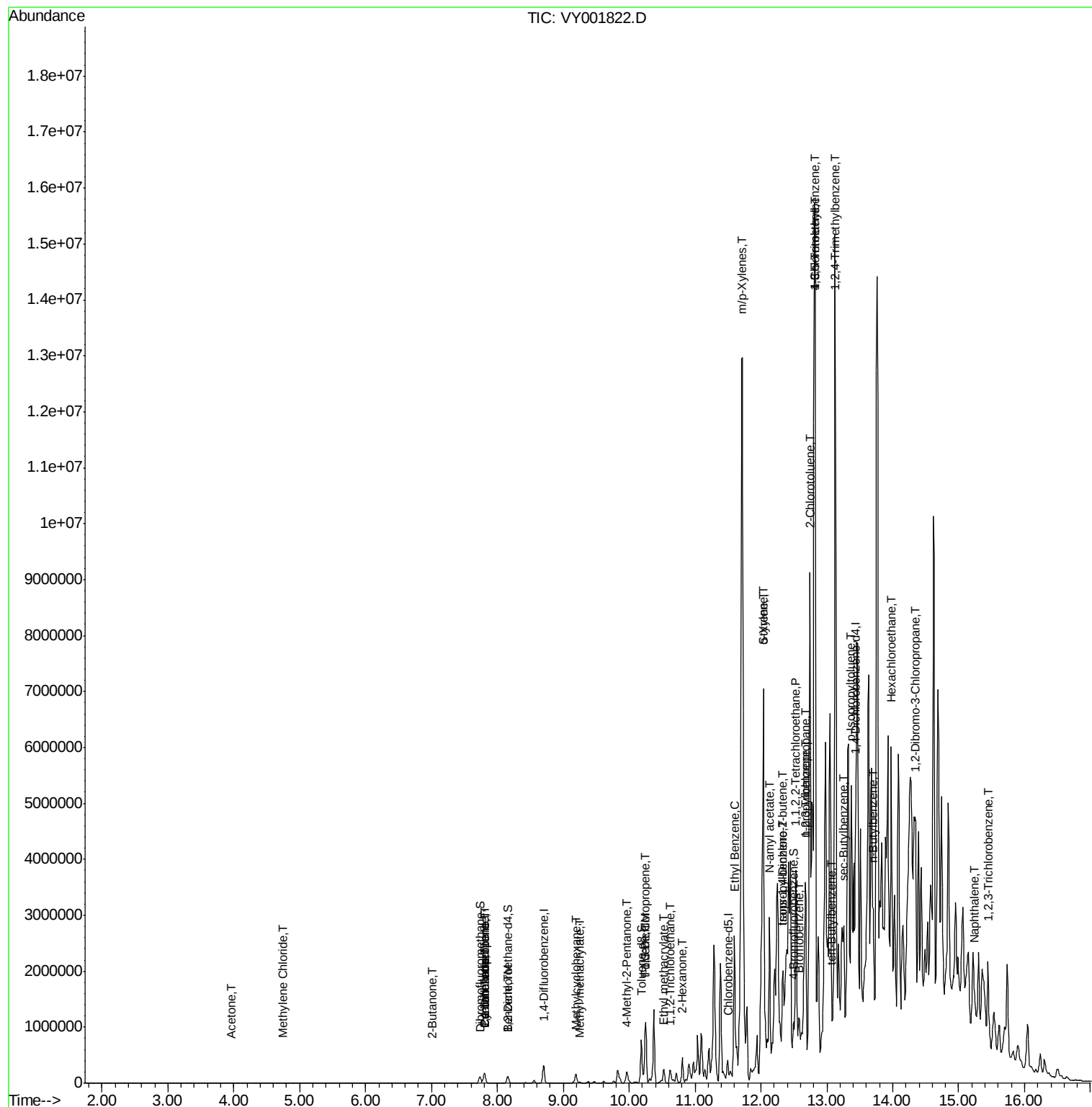
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.38	119	529438	114.33	ug/l	99
89) n-Butylbenzene	13.70	91	868458	183.54	ug/l #	77
90) Hexachloroethane	13.98	117	168267	192.86	ug/l #	18
92) 1,2-Dibromo-3-Chloropropan	14.34	75	12105	65.62	ug/l #	3
95) Naphthalene	15.24	128	242405	78.11	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.45	180	8211	6.93	ug/l #	1

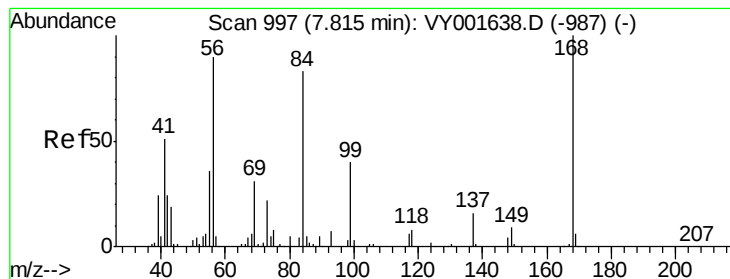
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001822.D

Acq: 02 Mar 2020 16:08

Instrument :

MSVOA_Y

ClientSampleId :

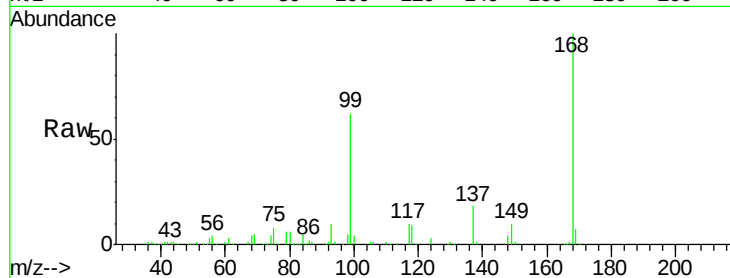
EO-02-030220

Tgt Ion: 168 Resp: 139062

Ion Ratio Lower Upper

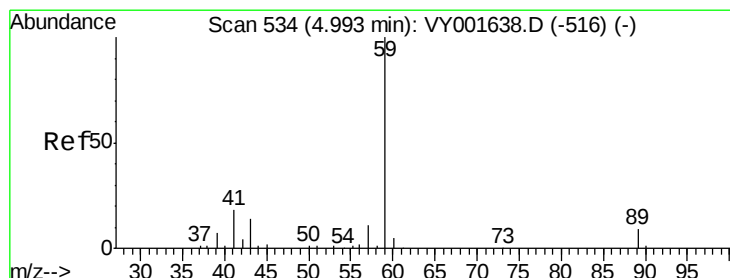
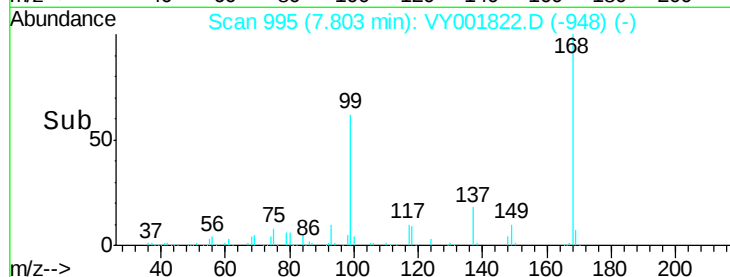
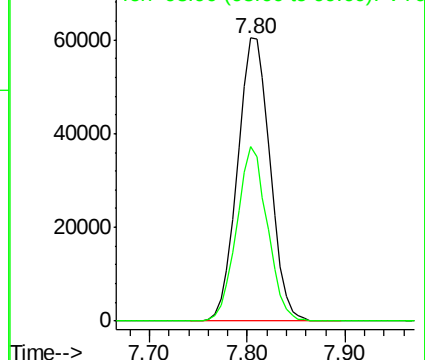
168 100

99 61.7 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001638.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001638.D (-987) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.98 min Scan# 532

Delta R.T. -0.01 min

Lab File: VY001822.D

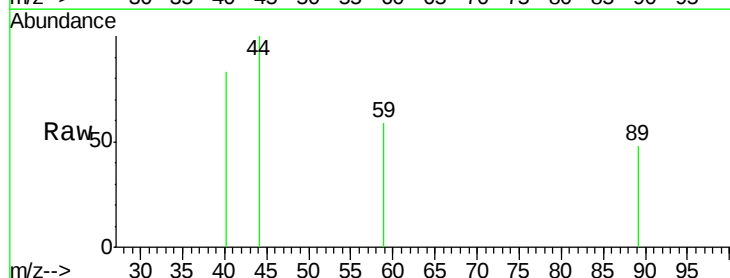
Acq: 02 Mar 2020 16:08

Tgt Ion: 59 Resp: 185

Ion Ratio Lower Upper

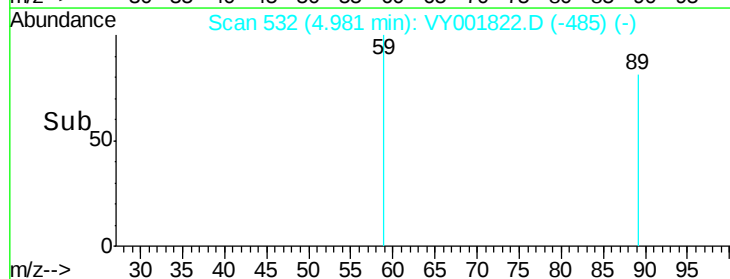
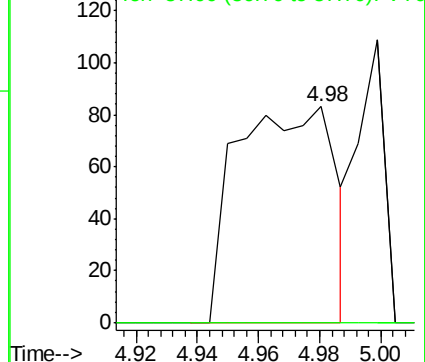
59 100

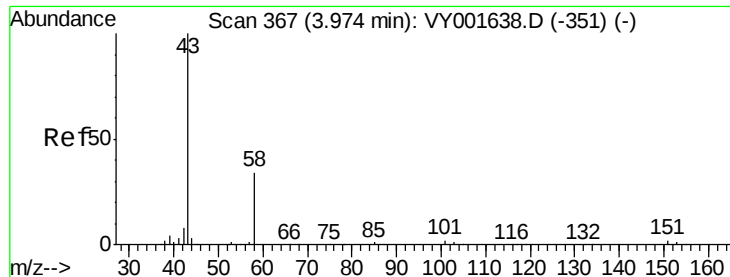
57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001638.D (-516) (-)

Ion 57.00 (56.70 to 57.70): VY001638.D (-516) (-)





#16

Acetone

Concen: 11.34 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.01 min

Lab File: VY001822.D

Acq: 02 Mar 2020 16:08

Instrument :

MSVOA_Y

ClientSampleId :

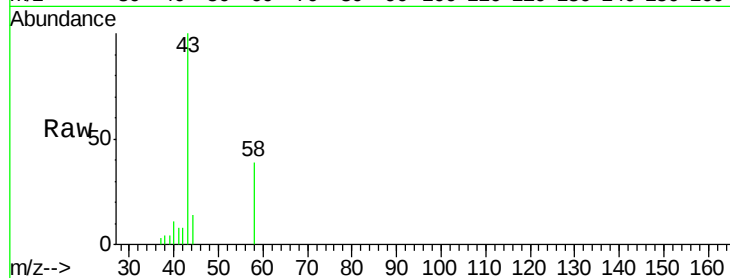
EO-02-030220

Tgt Ion: 43 Resp: 5871

Ion Ratio Lower Upper

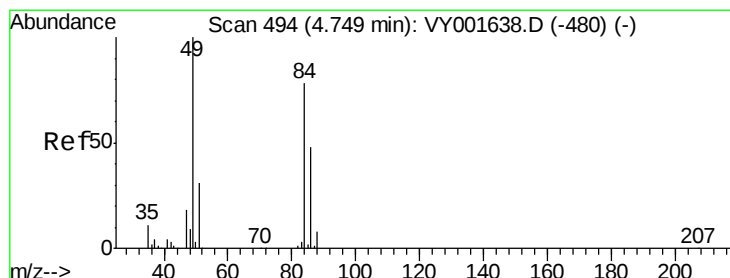
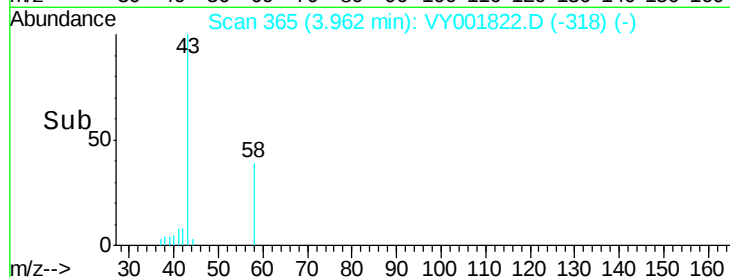
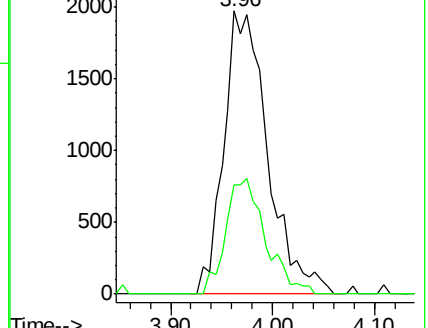
43 100

58 38.5 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VY001638.D (-351) (-)

Ion 58.00 (57.70 to 58.70): VY001638.D (-351) (-)



#20

Methylene Chloride

Concen: 1.81 ug/l

RT: 4.74 min Scan# 492

Delta R.T. -0.01 min

Lab File: VY001822.D

Acq: 02 Mar 2020 16:08

Tgt Ion: 84 Resp: 3326

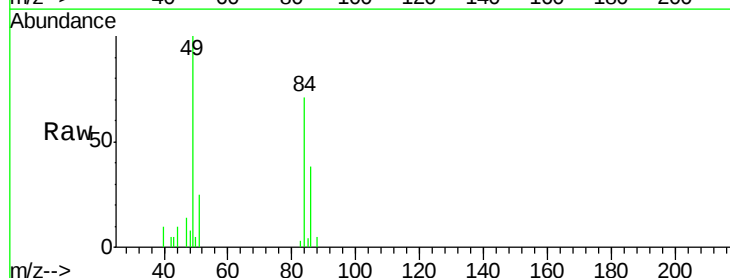
Ion Ratio Lower Upper

84 100

49 140.7 99.2 148.8

51 35.7 31.5 47.3

86 53.3 51.0 76.6

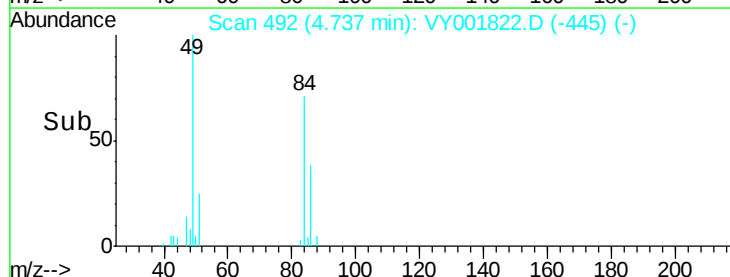
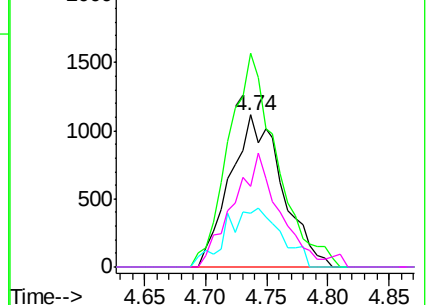


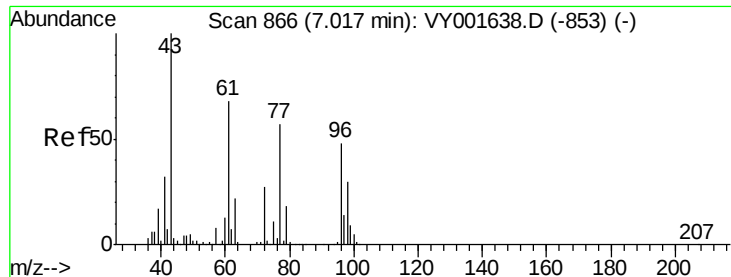
Abundance Ion 83.90 (83.60 to 84.60): VY001638.D (-480) (-)

Ion 48.90 (48.60 to 49.60): VY001638.D (-480) (-)

Ion 50.90 (50.60 to 51.60): VY001638.D (-480) (-)

Ion 85.90 (85.60 to 86.60): VY001638.D (-480) (-)

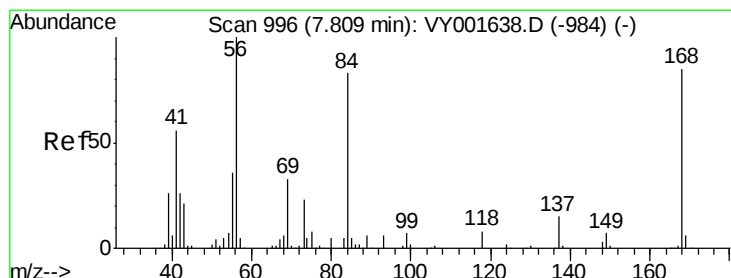
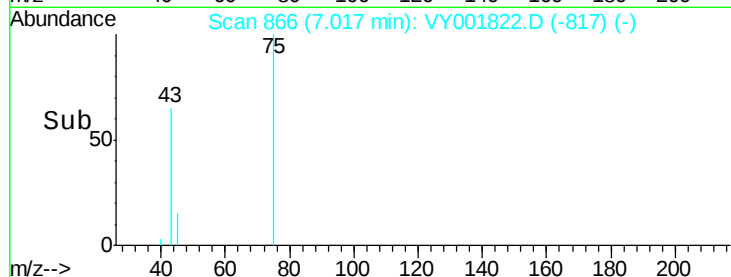
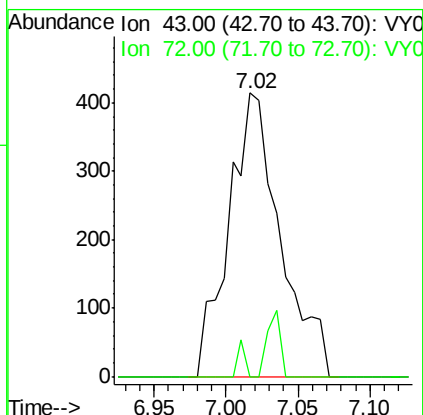
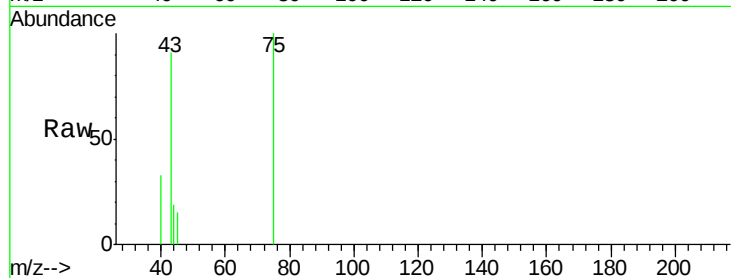




#25
2-Butanone
Concen: 1.47 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.00 min
Lab File: VY001822.D
Acq: 02 Mar 2020 16:08

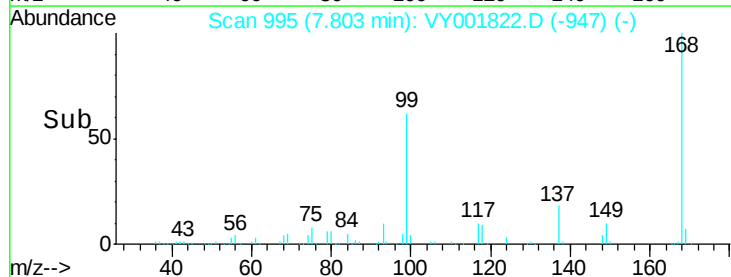
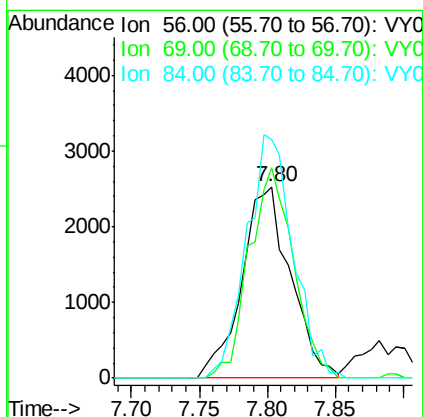
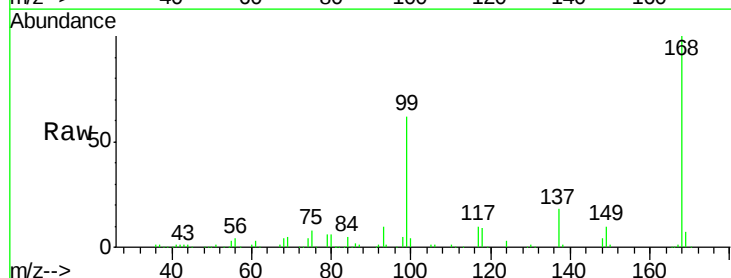
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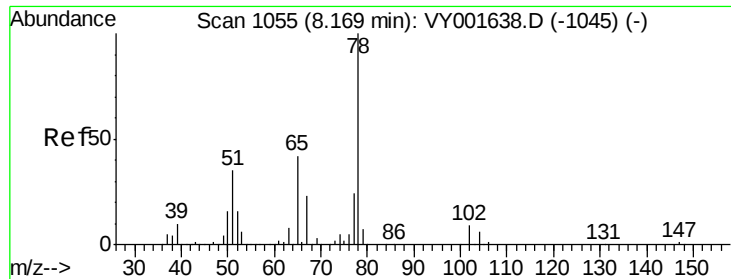
Tgt Ion: 43 Resp: 1035
Ion Ratio Lower Upper
43 100
72 0.0 21.2 31.8#



#31
Cyclohexane
Concen: 2.02 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.01 min
Lab File: VY001822.D
Acq: 02 Mar 2020 16:08

Tgt Ion: 56 Resp: 6353
Ion Ratio Lower Upper
56 100
69 110.0 25.1 37.7#
84 124.8 66.9 100.3#

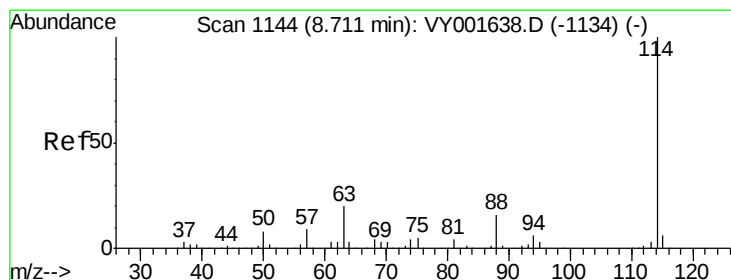
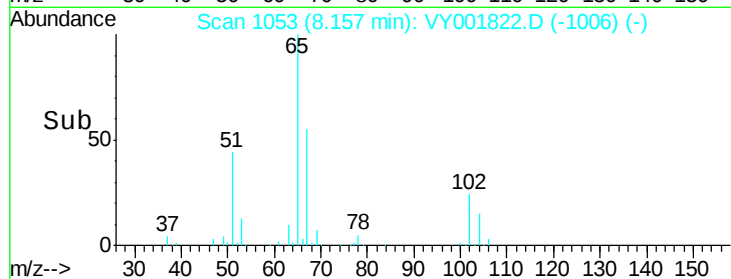
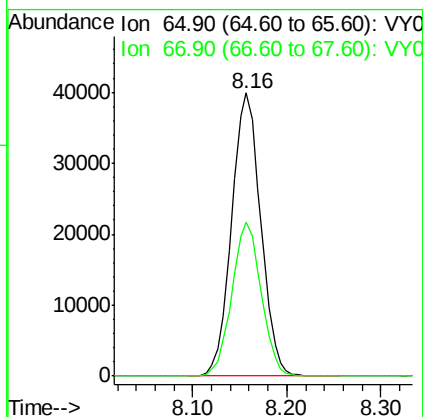
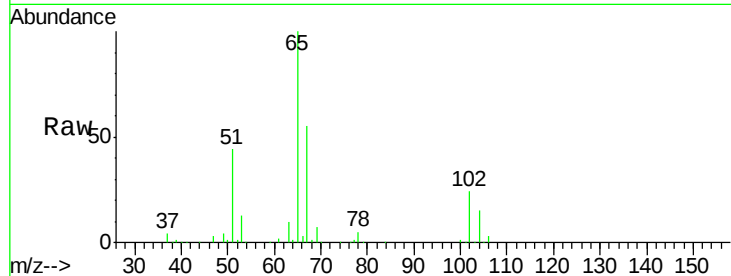




#33
 1,2-Dichloroethane-d4
 Concen: 57.09 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY001822.D
 Acq: 02 Mar 2020 16:08

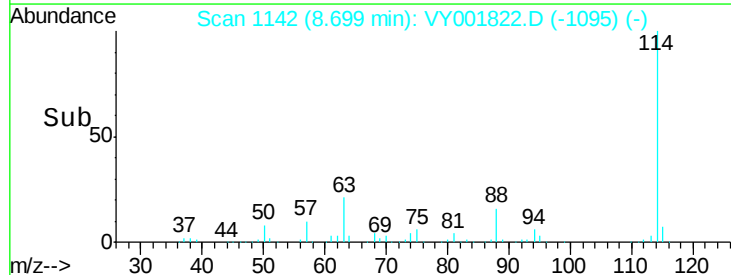
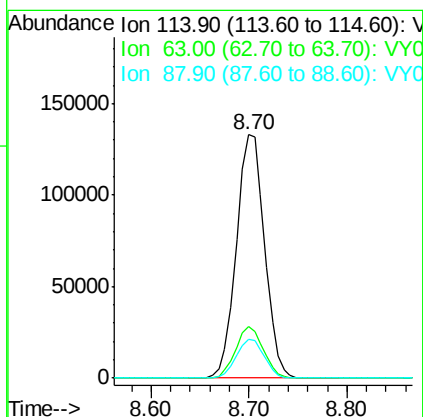
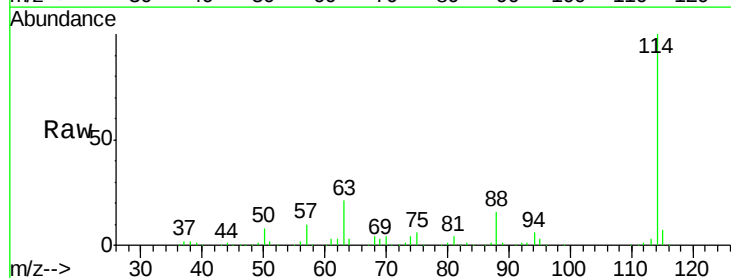
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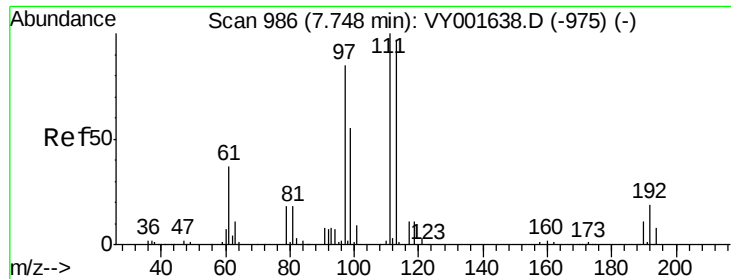
Tgt Ion: 65 Resp: 85403
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY001822.D
 Acq: 02 Mar 2020 16:08

Tgt Ion: 114 Resp: 266013
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 41.4
 88 16.0 0.0 32.8

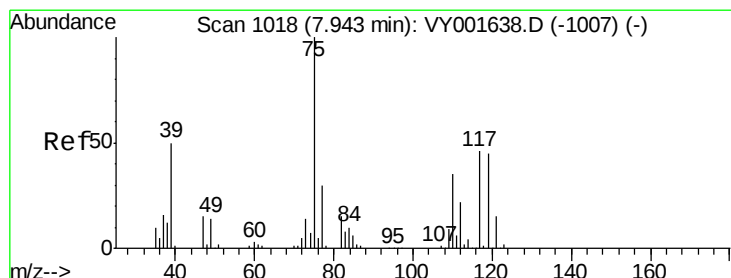
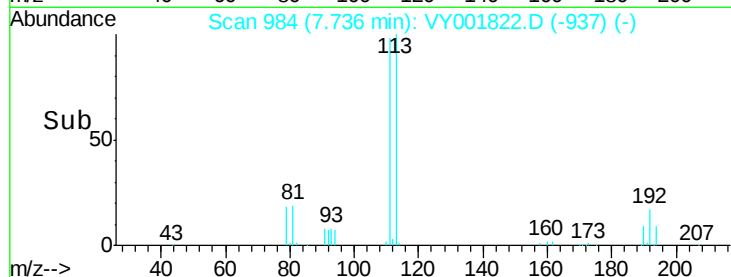
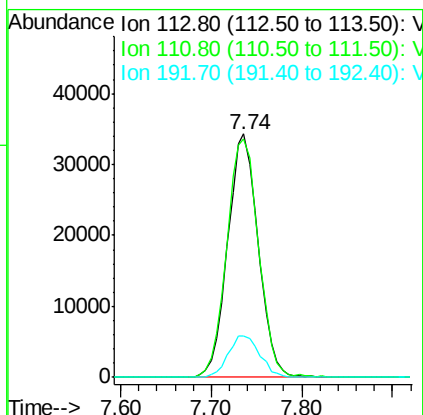
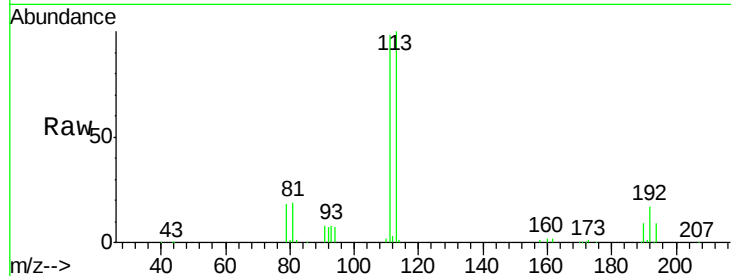




#35
 Dibromofluoromethane
 Concen: 52.70 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY001822.D
 Acq: 02 Mar 2020 16:08

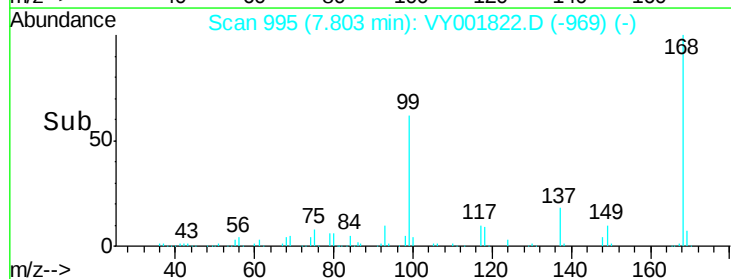
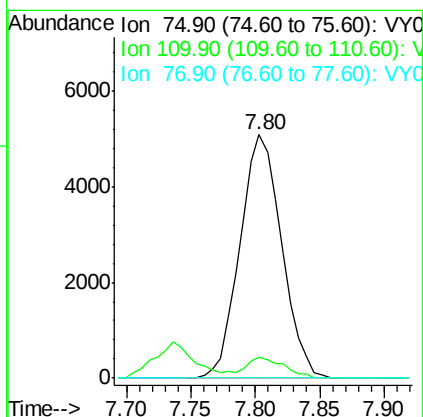
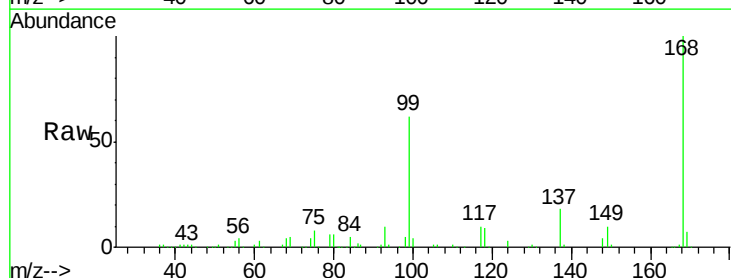
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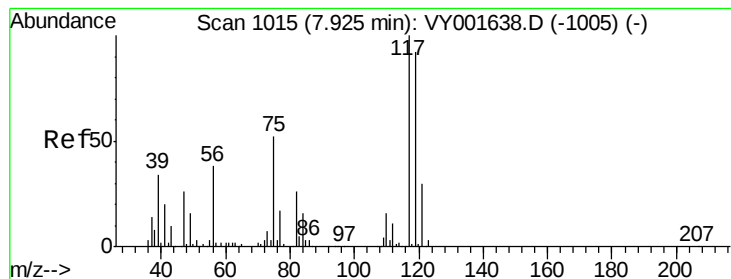
Tgt Ion:113 Resp: 80296
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.9 122.9
 192 17.5 14.3 21.5



#36
 1,1-Dichloropropene
 Concen: 4.49 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.14 min
 Lab File: VY001822.D
 Acq: 02 Mar 2020 16:08

Tgt Ion: 75 Resp: 11412
 Ion Ratio Lower Upper
 75 100
 110 7.4 17.2 51.6#
 77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 6.30 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.12 min

Lab File: VY001822.D

Acq: 02 Mar 2020 16:08

Instrument :

MSVOA_Y

ClientSampleId :

EO-02-030220

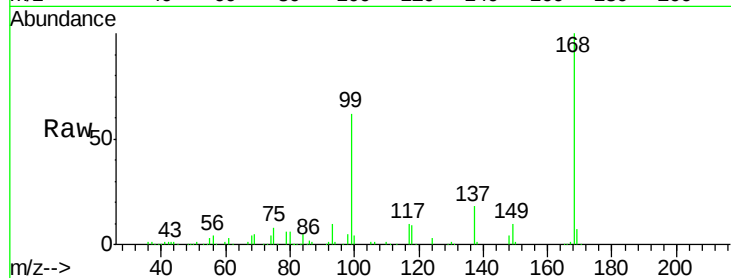
Tgt Ion: 117 Resp: 14065

Ion Ratio Lower Upper

117 100

119 4.2 74.8 112.2#

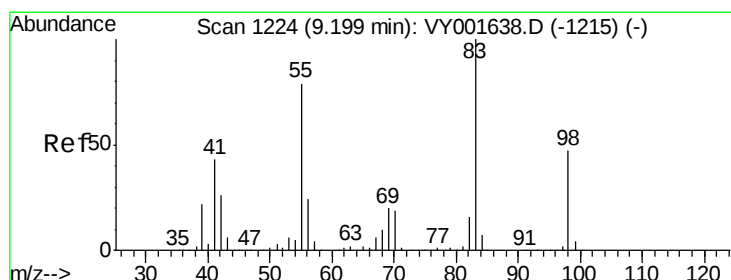
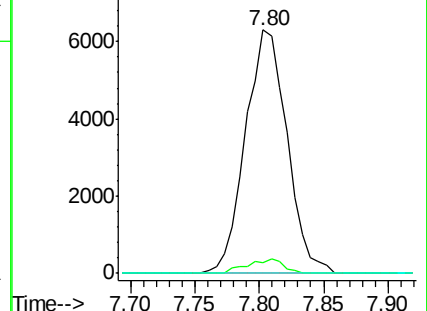
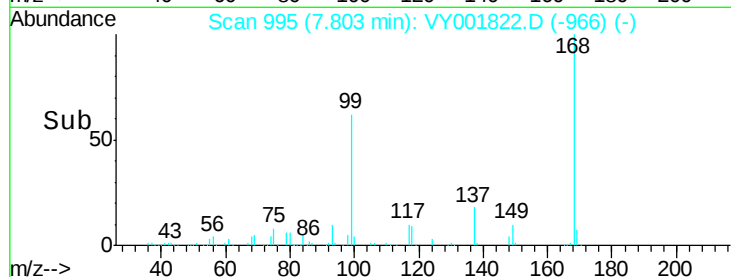
121 0.0 23.8 35.6#



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: 20.67 ug/l

RT: 9.19 min Scan# 1223

Delta R.T. -0.01 min

Lab File: VY001822.D

Acq: 02 Mar 2020 16:08

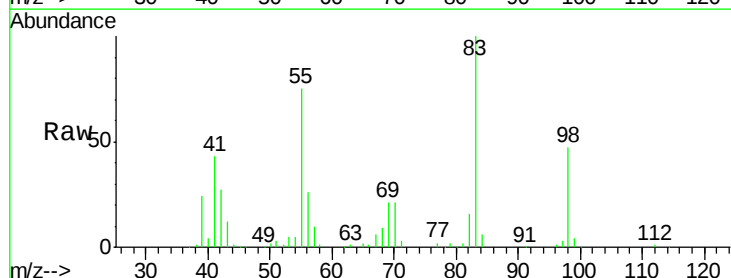
Tgt Ion: 83 Resp: 69668

Ion Ratio Lower Upper

83 100

55 75.1 61.3 91.9

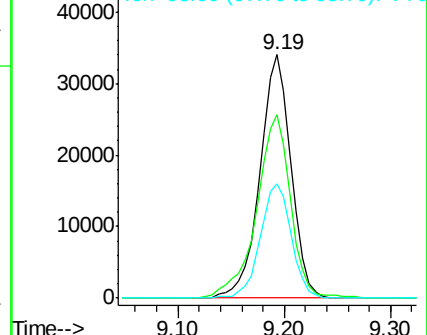
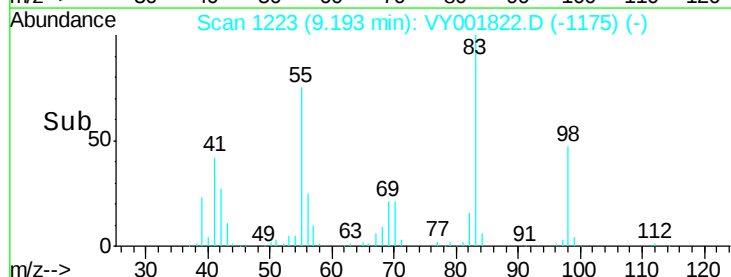
98 47.1 38.0 57.0

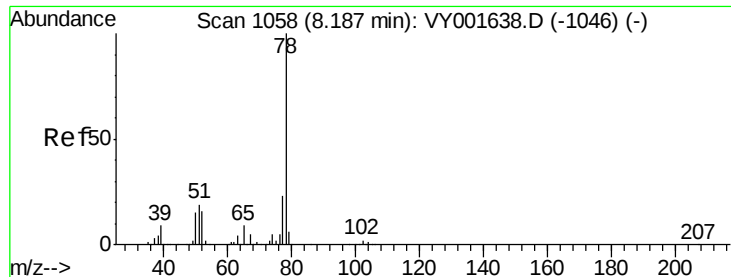


Abundance Ion 83.00 (82.70 to 83.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 98.00 (97.70 to 98.70): VY0





#40

Benzene

Concen: 1.24 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. -0.02 min

Lab File: VY001822.D

Acq: 02 Mar 2020 16:08

Instrument :

MSVOA_Y

ClientSampleId :

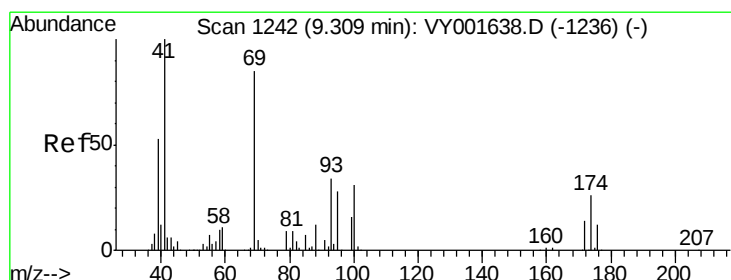
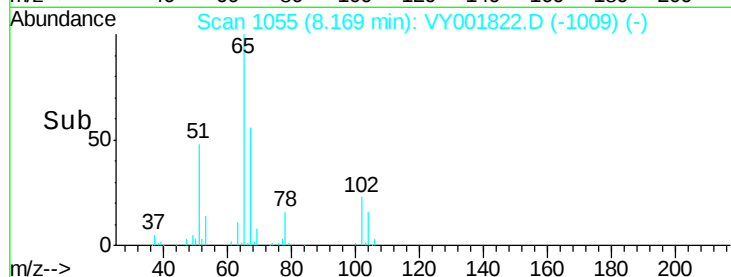
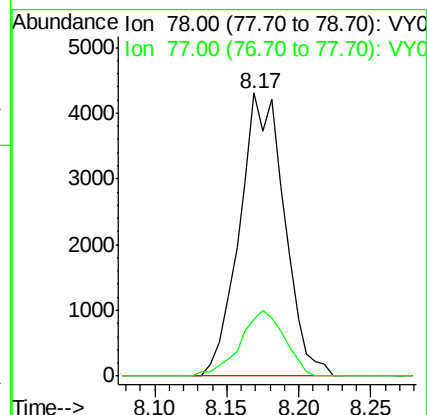
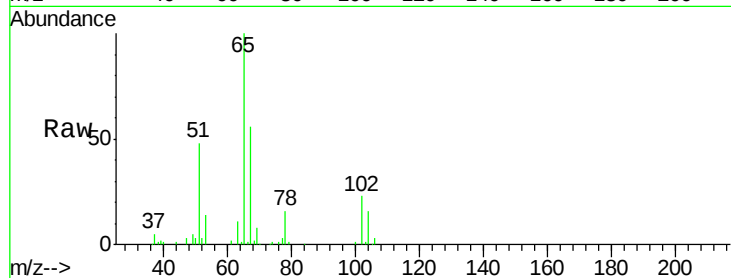
EO-02-030220

Tgt Ion: 78 Resp: 9282

Ion Ratio Lower Upper

78 100

77 19.9 18.2 27.4



#48

Methyl methacrylate

Concen: 1.83 ug/l

RT: 9.25 min Scan# 1233

Delta R.T. -0.05 min

Lab File: VY001822.D

Acq: 02 Mar 2020 16:08

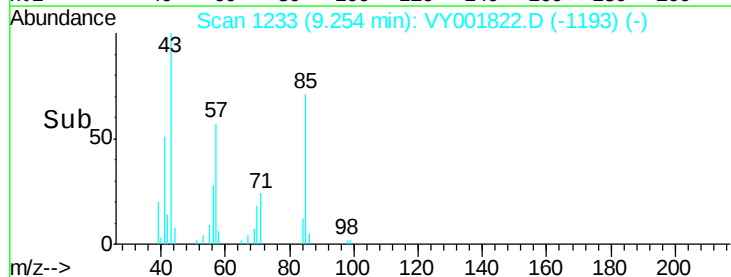
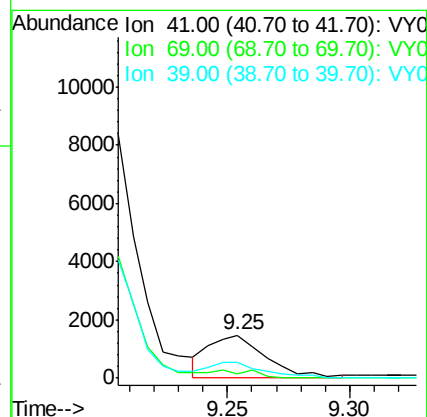
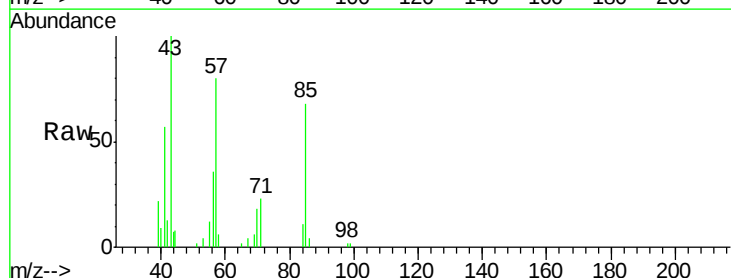
Tgt Ion: 41 Resp: 2388

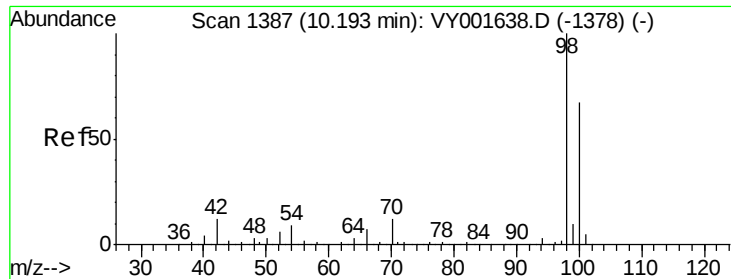
Ion Ratio Lower Upper

41 100

69 0.0 70.7 106.1#

39 35.4 42.2 63.2#





#50

Toluene-d8

Concen: 52.12 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY001822.D

Acq: 02 Mar 2020 16:08

Instrument :

MSVOA_Y

ClientSampleId :

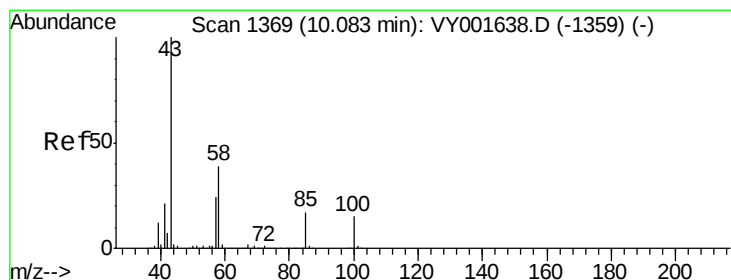
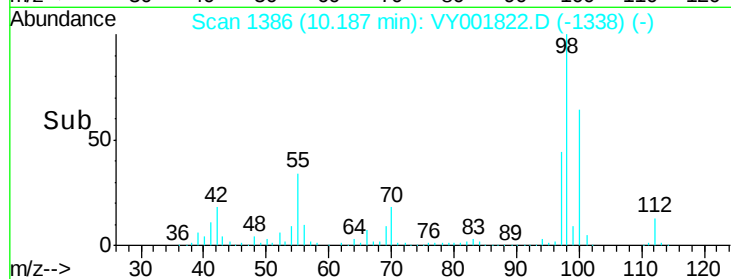
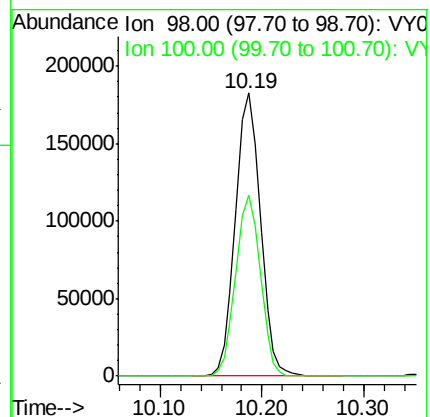
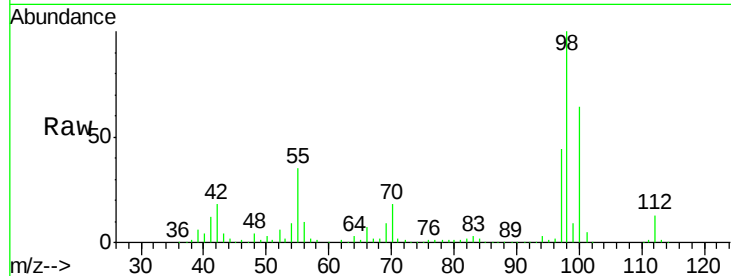
EO-02-030220

Tgt Ion: 98 Resp: 311126

Ion Ratio Lower Upper

98 100

100 62.6 53.0 79.4



#51

4-Methyl-2-Pentanone

Concen: 68.27 ug/l

RT: 9.97 min Scan# 1350

Delta R.T. -0.12 min

Lab File: VY001822.D

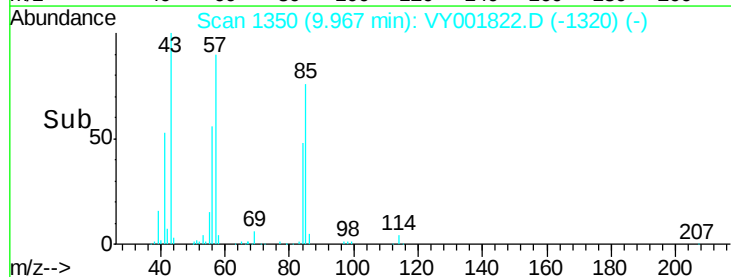
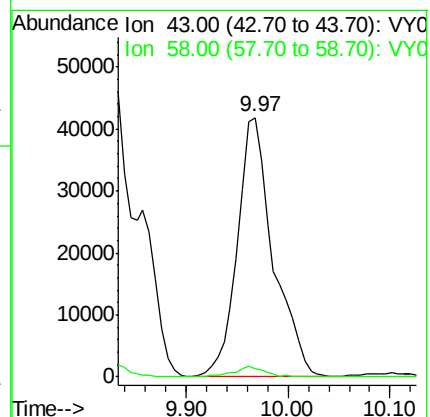
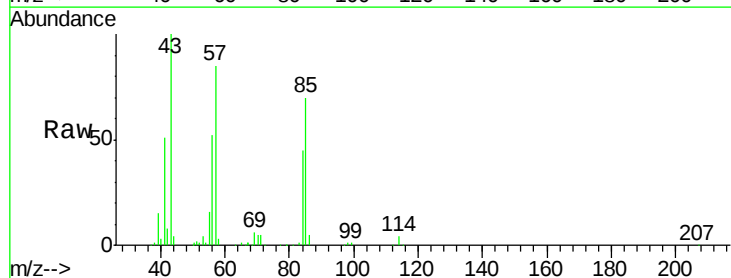
Acq: 02 Mar 2020 16:08

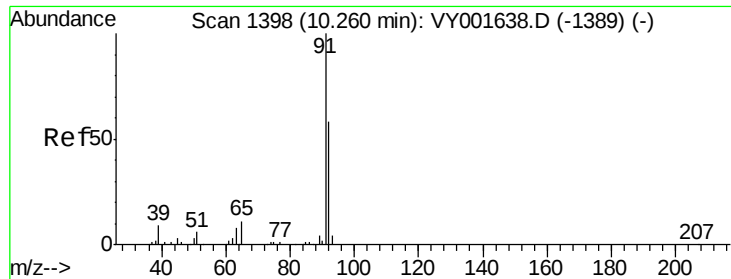
Tgt Ion: 43 Resp: 100933

Ion Ratio Lower Upper

43 100

58 3.5 32.2 48.4#





#52

Toluene

Concen: 99.10 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VY001822.D

Acq: 02 Mar 2020 16:08

Instrument :

MSVOA_Y

ClientSampleId :

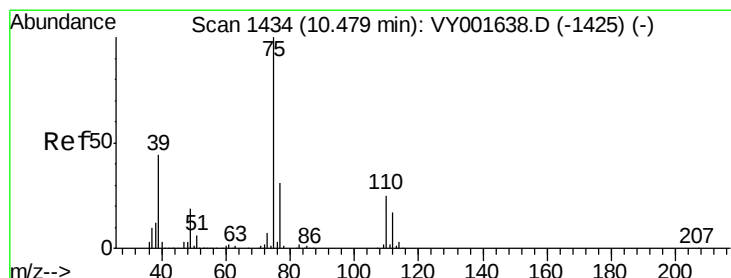
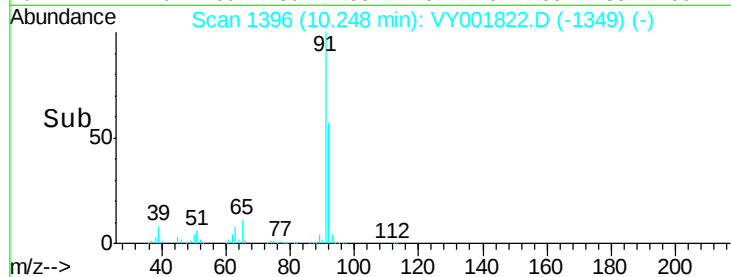
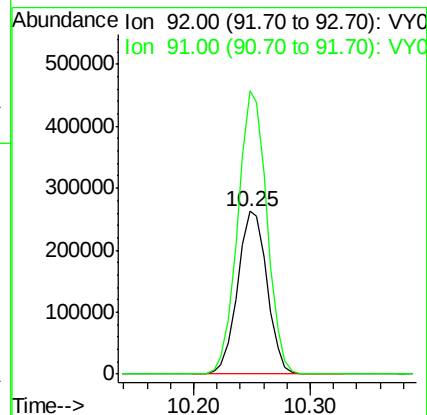
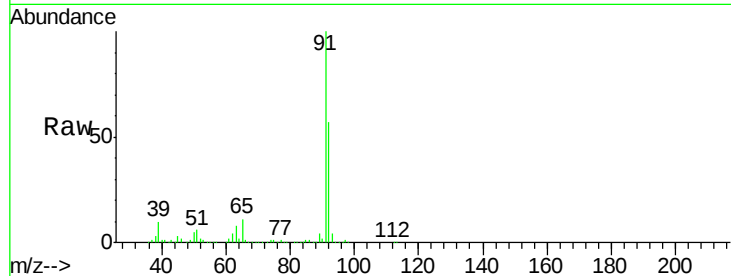
EO-02-030220

Tgt Ion: 92 Resp: 461932

Ion Ratio Lower Upper

92 100

91 171.6 137.0 205.6



#53

t-1,3-Dichloropropene

Concen: 1.95 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.23 min

Lab File: VY001822.D

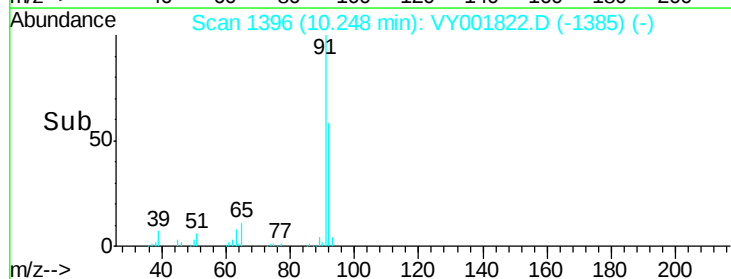
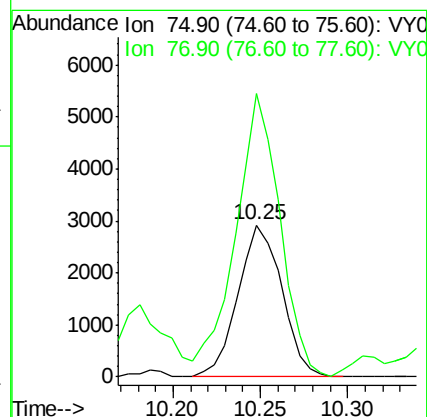
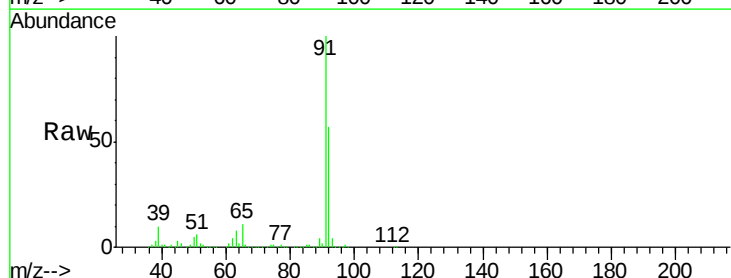
Acq: 02 Mar 2020 16:08

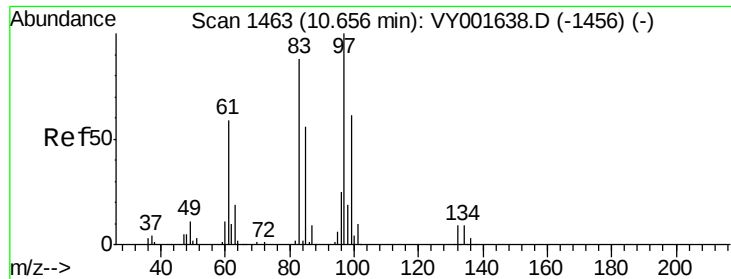
Tgt Ion: 75 Resp: 5089

Ion Ratio Lower Upper

75 100

77 182.1 25.2 37.8#

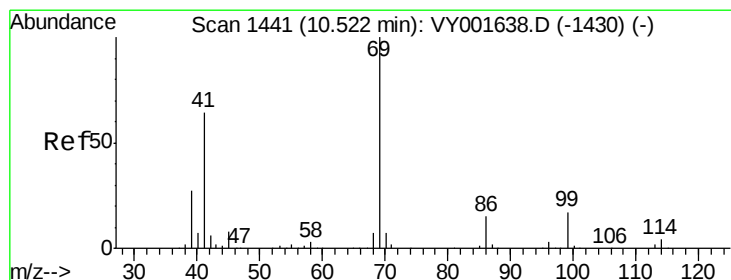
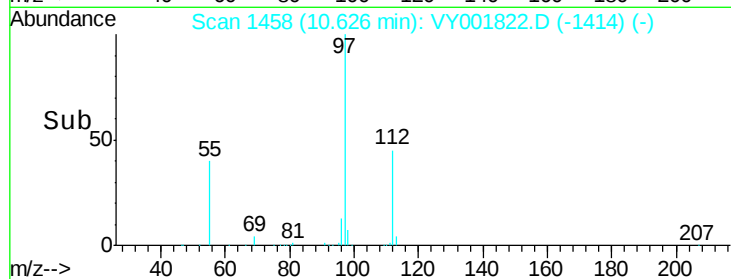
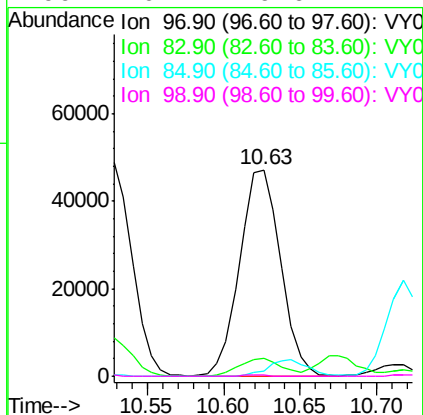
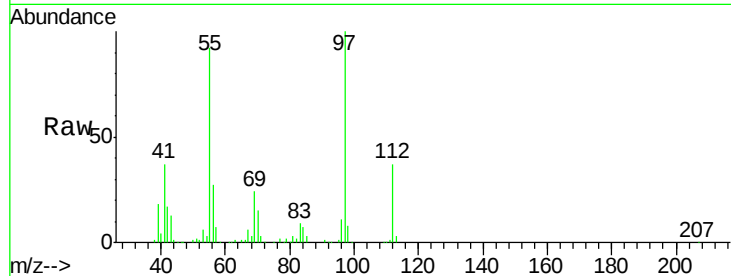




#55
 1,1,2-Trichloroethane
 Concen: 60.46 ug/l
 RT: 10.63 min Scan# 1458
 Delta R.T. -0.03 min
 Lab File: VY001822.D
 Acq: 02 Mar 2020 16:08

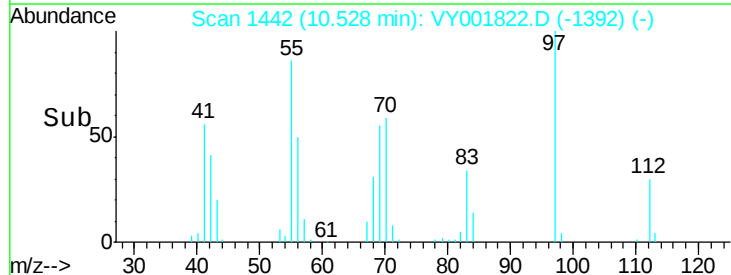
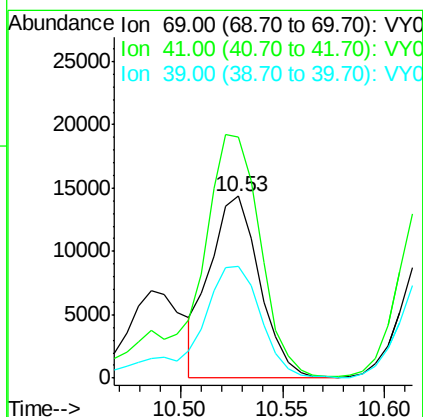
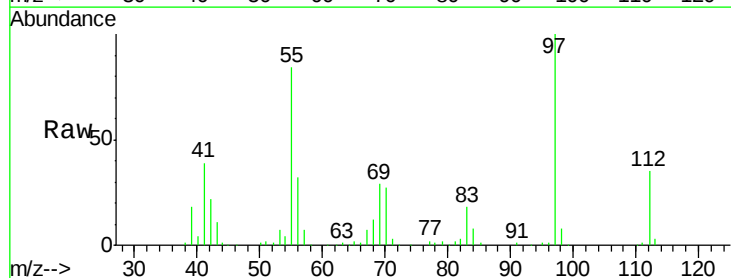
Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-02-030220

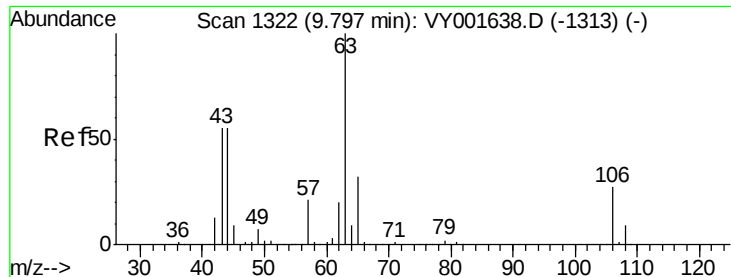
Tgt Ion: 97 Resp: 87268
 Ion Ratio Lower Upper
 97 100
 83 8.8 69.7 104.5#
 85 2.8 44.5 66.7#
 99 0.4 49.6 74.4#



#56
 Ethyl methacrylate
 Concen: 11.22 ug/l
 RT: 10.53 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: VY001822.D
 Acq: 02 Mar 2020 16:08

Tgt Ion: 69 Resp: 24288
 Ion Ratio Lower Upper
 69 100
 41 176.0 51.0 76.4#
 39 80.0 24.7 37.1#

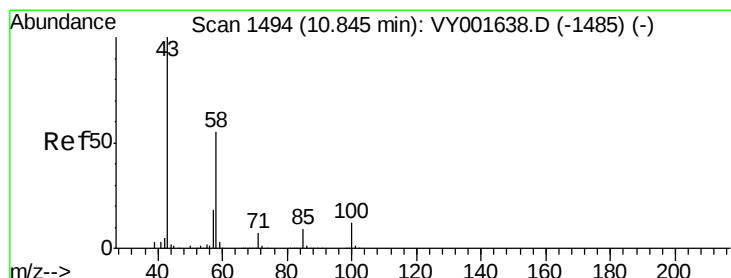
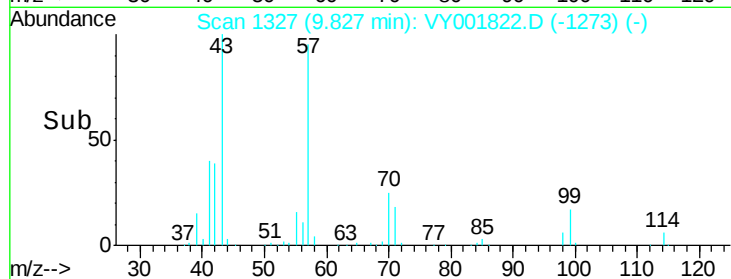
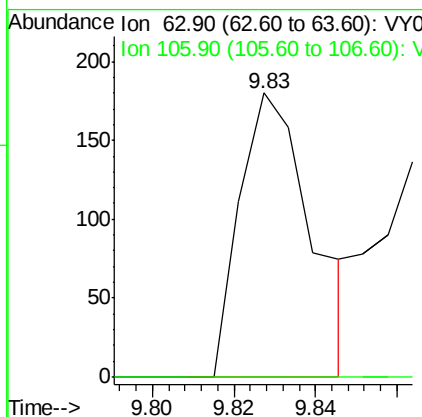
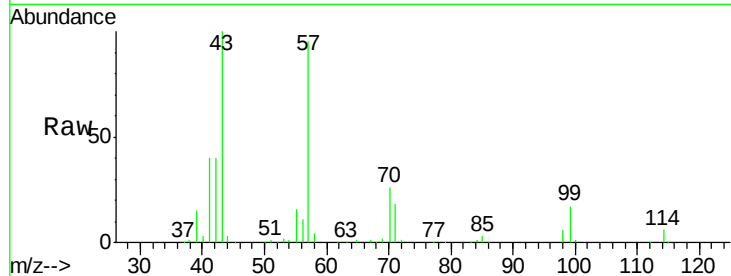




#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 9.83 min Scan# 1327
Delta R.T. 0.03 min
Lab File: VY001822.D
Acq: 02 Mar 2020 16:08

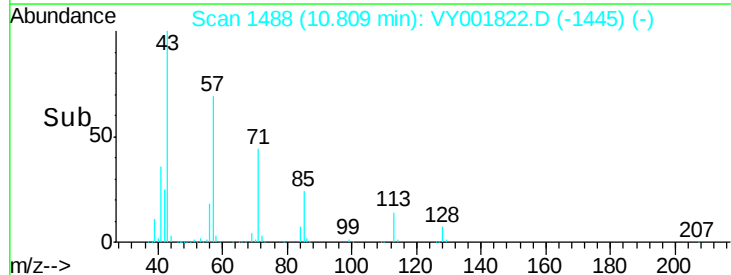
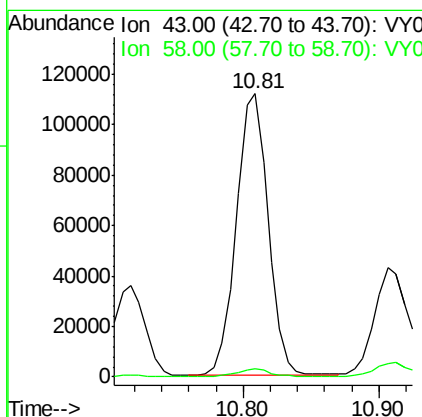
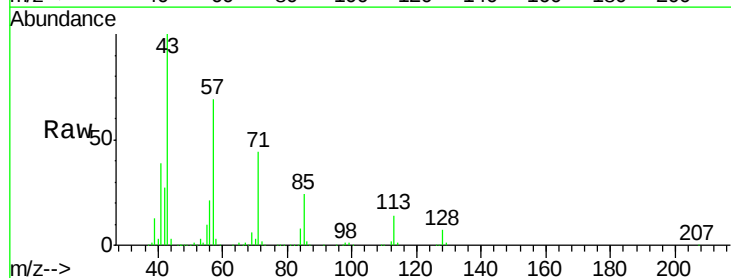
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-030220

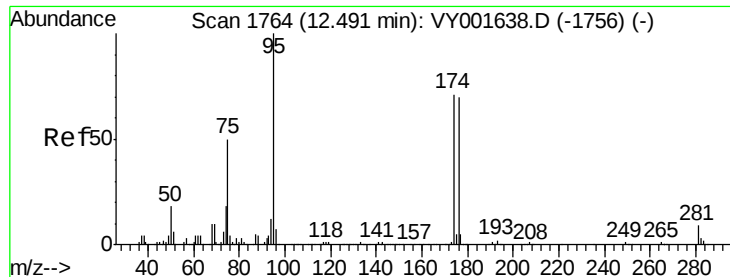
Tgt Ion: 63 Resp: 221
Ion Ratio Lower Upper
63 100
106 0.0 21.6 32.4#



#59
2-Hexanone
Concen: 165.60 ug/l
RT: 10.81 min Scan# 1488
Delta R.T. -0.04 min
Lab File: VY001822.D
Acq: 02 Mar 2020 16:08

Tgt Ion: 43 Resp: 183697
Ion Ratio Lower Upper
43 100
58 3.4 28.4 85.2#

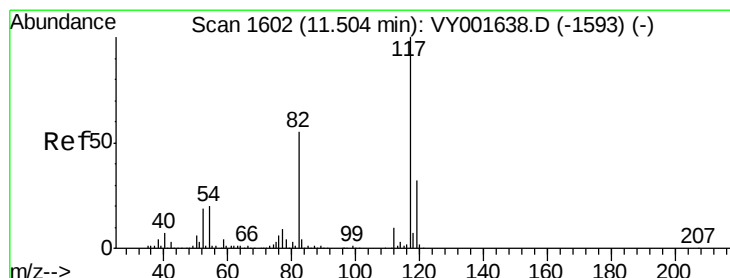
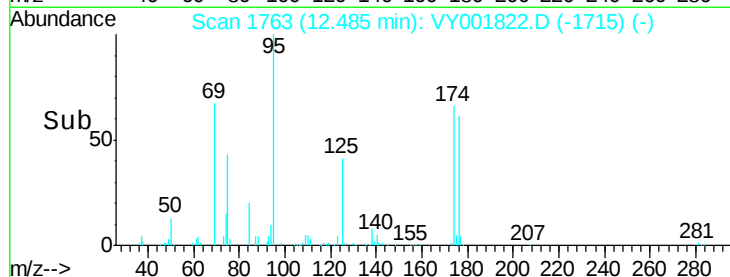
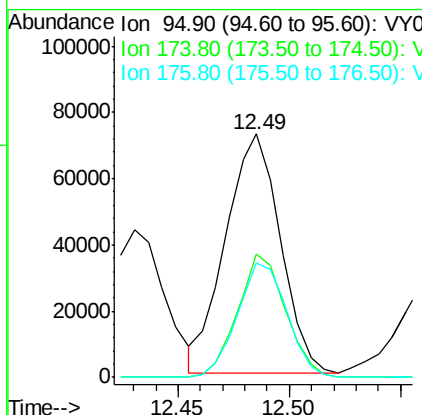
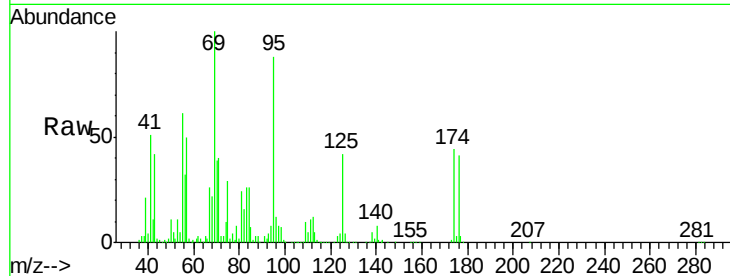




#62
4-Bromofluorobenzene
Concen: 53.01 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY001822.D
Acq: 02 Mar 2020 16:08

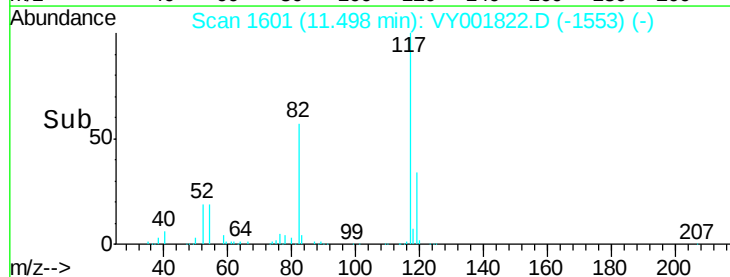
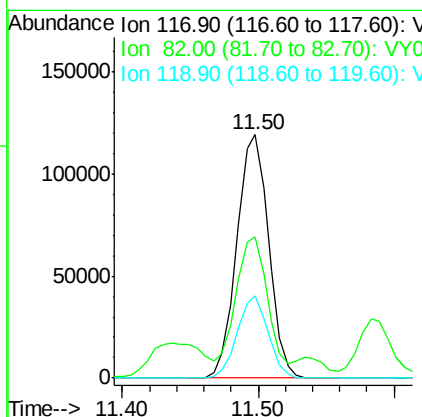
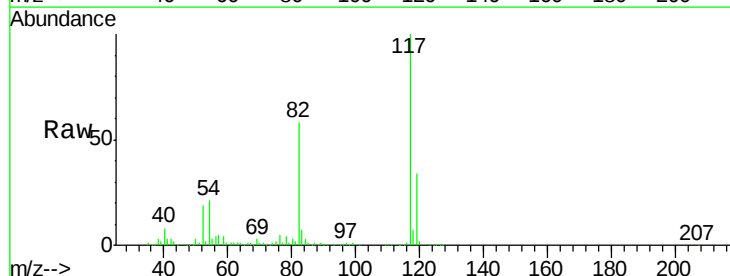
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-030220

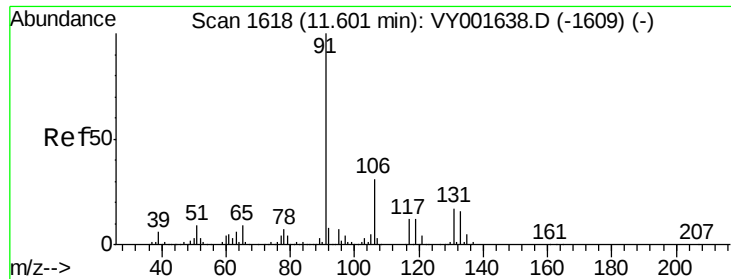
Tgt Ion	Resp	Lower	Upper
95	122937		
174	45.6	0.0	138.4
176	43.8	0.0	131.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001822.D
Acq: 02 Mar 2020 16:08

Tgt Ion	Resp	Lower	Upper
117	194647		
82	55.5	45.5	68.3
119	34.0	25.8	38.6

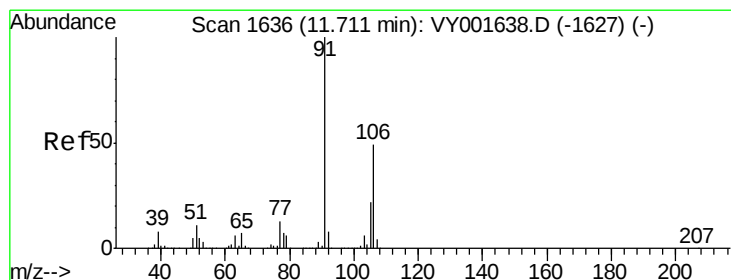
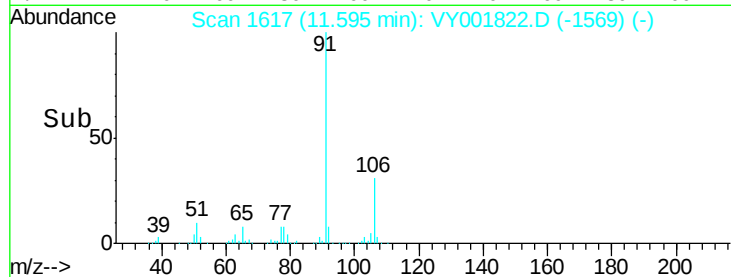
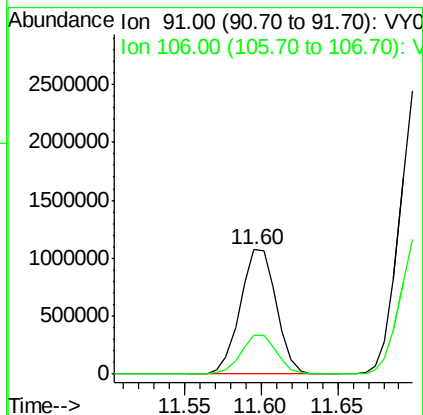
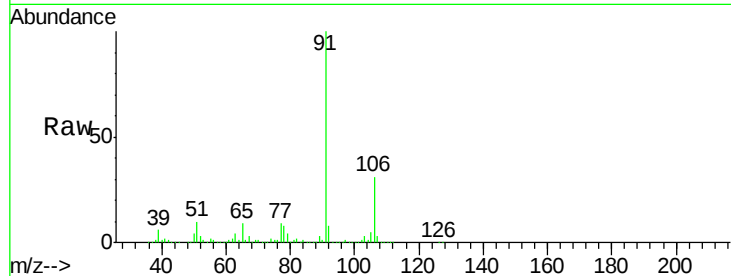




#67
Ethyl Benzene
Concen: 244.27 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001822.D
Acq: 02 Mar 2020 16:08

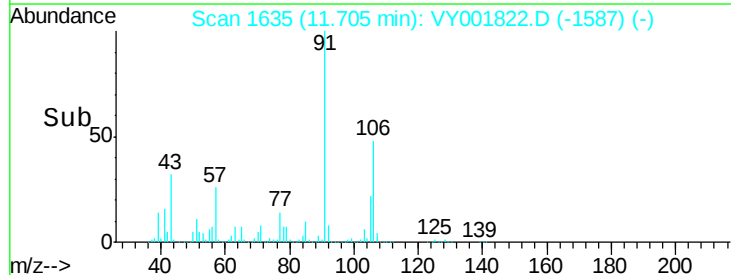
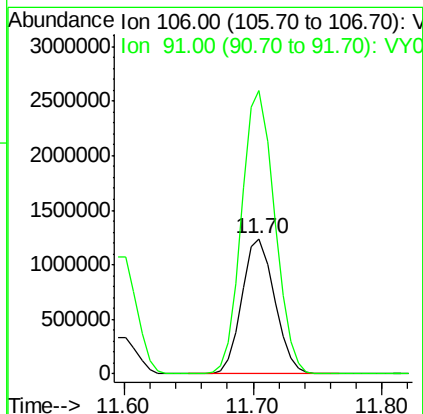
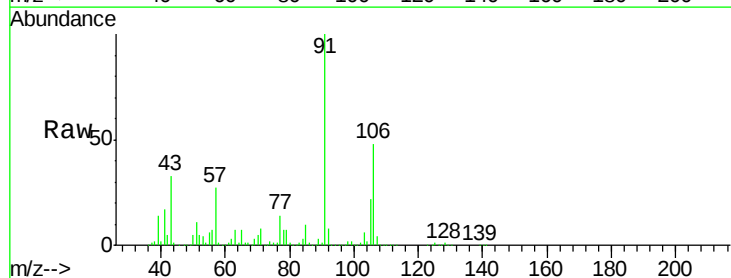
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-030220

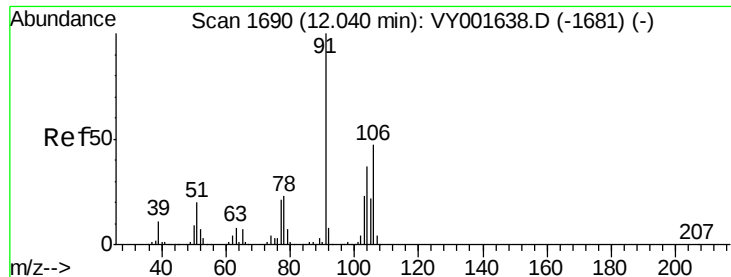
Tgt Ion: 91 Resp: 1761610
Ion Ratio Lower Upper
91 100
106 31.2 24.5 36.7



#68
m/p-Xylenes
Concen: 810.55 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001822.D
Acq: 02 Mar 2020 16:08

Tgt Ion: 106 Resp: 2183541
Ion Ratio Lower Upper
106 100
91 210.6 163.3 244.9

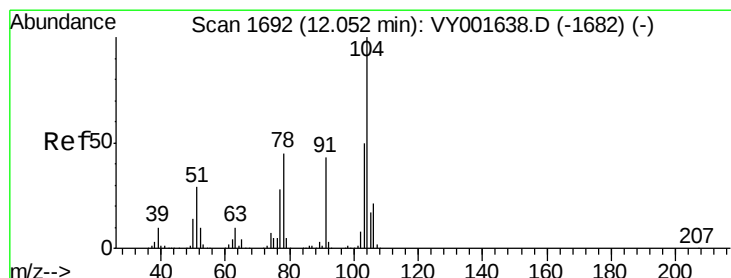
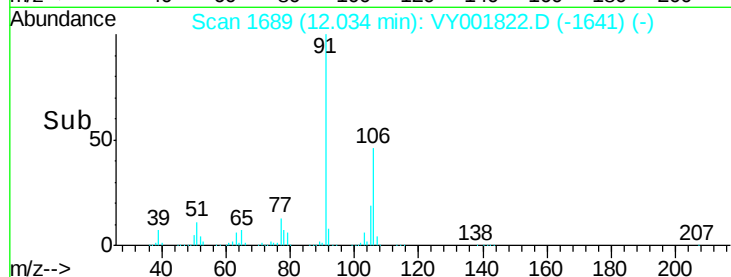
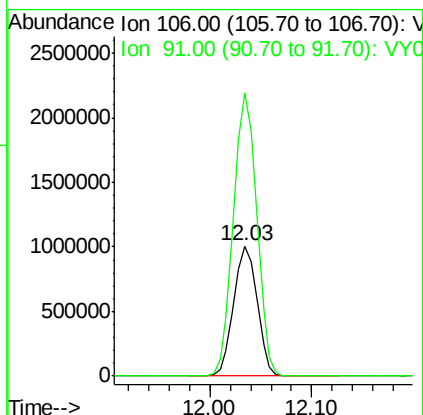
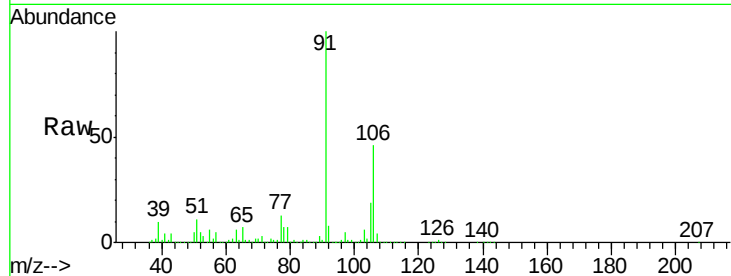




#69
o-Xylene
Concen: 621.77 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY001822.D
Acq: 02 Mar 2020 16:08

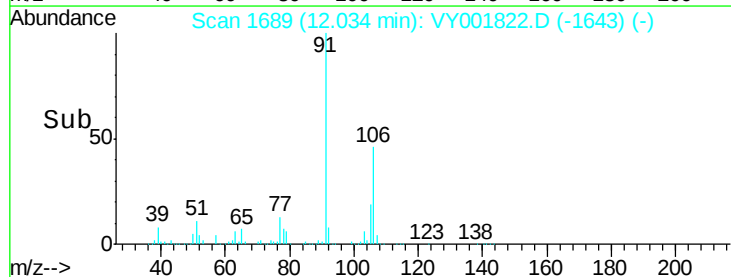
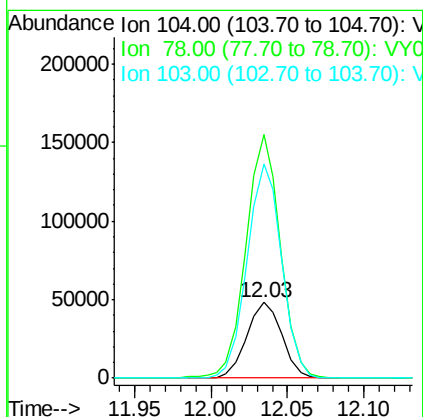
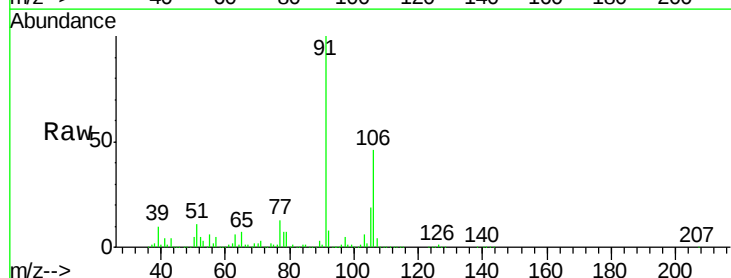
Instrument :
MSVOA_Y
ClientSampled :
EO-02-030220

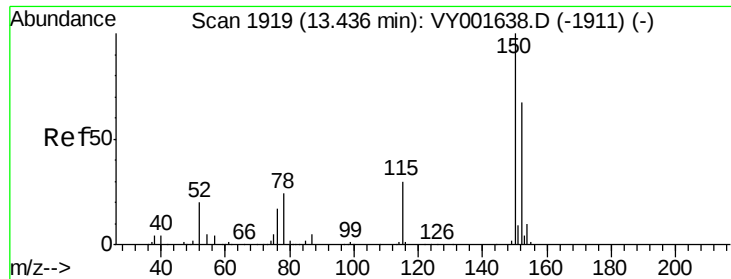
Tgt Ion:106 Resp: 1592389
Ion Ratio Lower Upper
106 100
91 217.3 108.3 324.9



#70
Styrene
Concen: 17.22 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.02 min
Lab File: VY001822.D
Acq: 02 Mar 2020 16:08

Tgt Ion:104 Resp: 76657
Ion Ratio Lower Upper
104 100
78 315.8 39.2 58.8#
103 279.6 43.0 64.6#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY001822.D

Acq: 02 Mar 2020 16:08

Instrument :

MSVOA_Y

ClientSampleId :

EO-02-030220

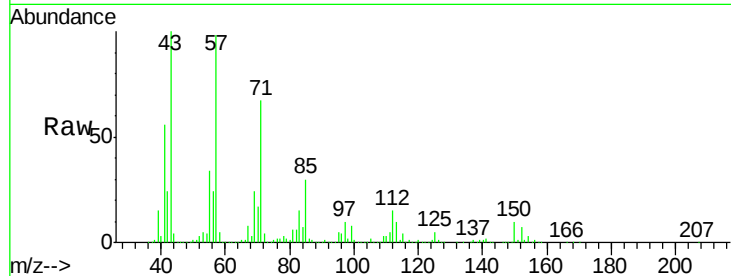
Tgt Ion:152 Resp: 68718

Ion Ratio Lower Upper

152 100

115 0.0 31.4 94.2#

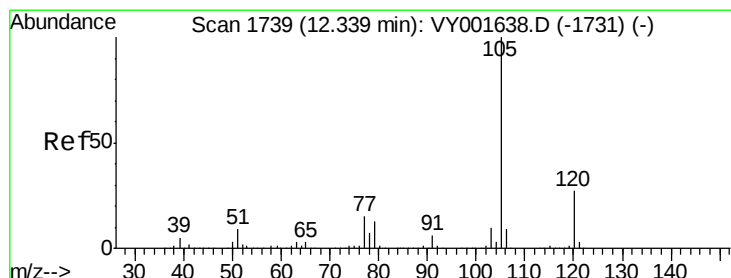
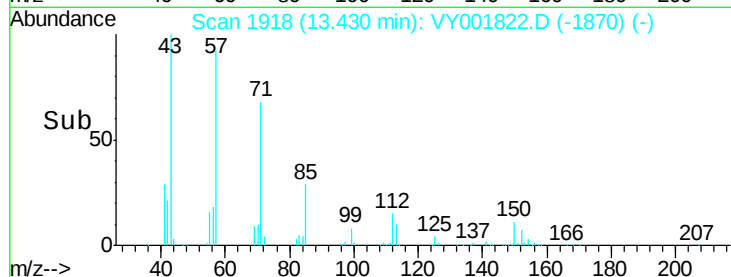
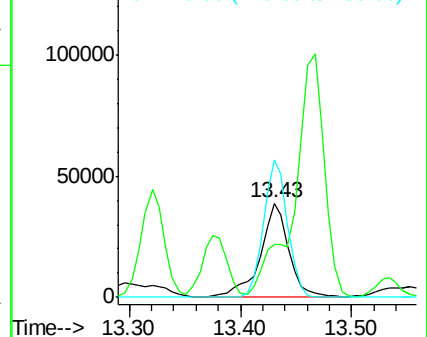
150 123.8 0.0 407.2



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



#73

Isopropylbenzene

Concen: 129.13 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY001822.D

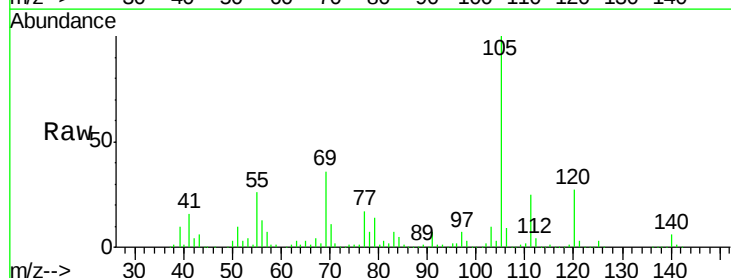
Acq: 02 Mar 2020 16:08

Tgt Ion:105 Resp: 676015

Ion Ratio Lower Upper

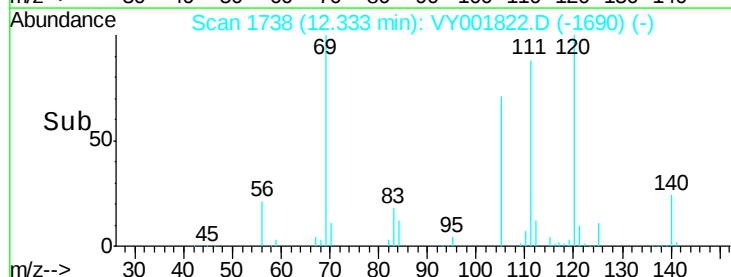
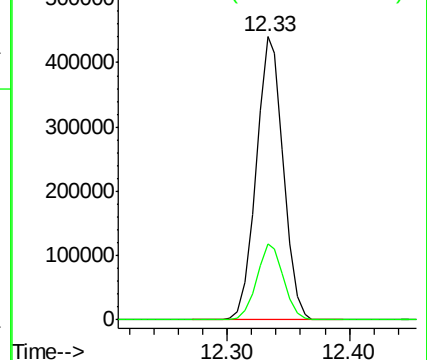
105 100

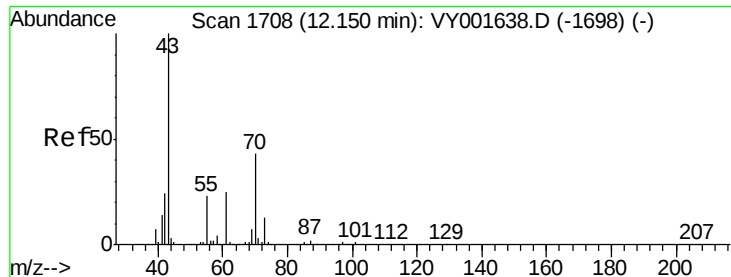
120 26.5 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

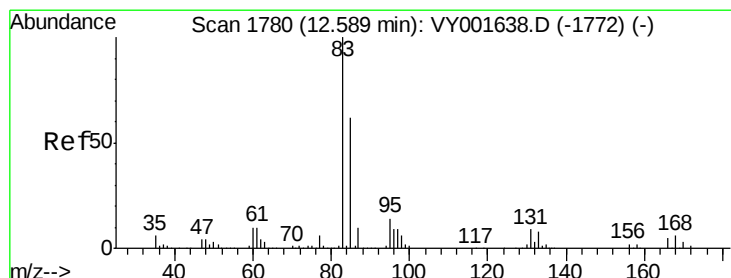
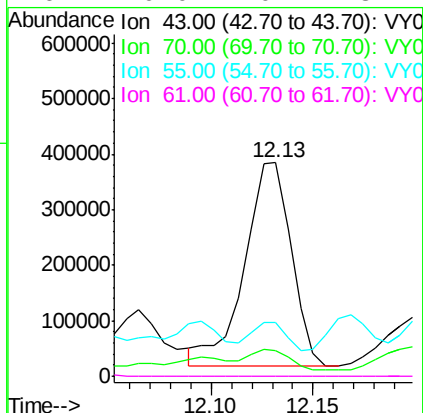
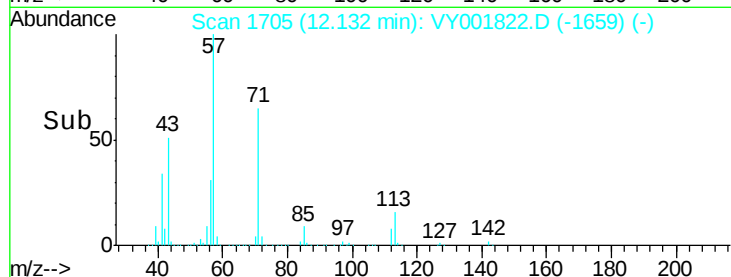
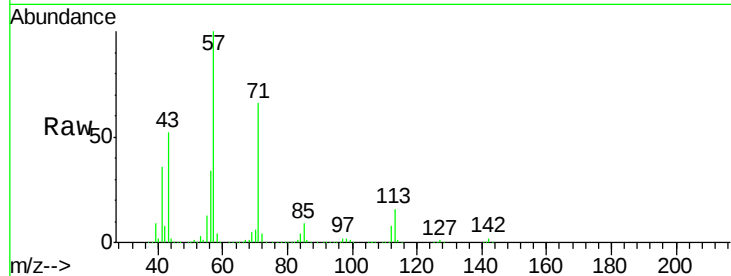




#74
N-ethyl acetate
Concen: 353.03 ug/l
RT: 12.13 min Scan# 1705
Delta R.T. -0.02 min
Lab File: VY001822.D
Acq: 02 Mar 2020 16:08

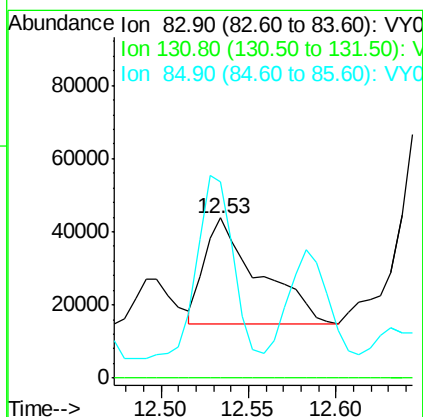
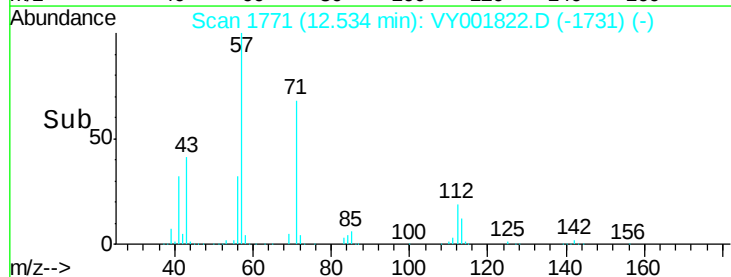
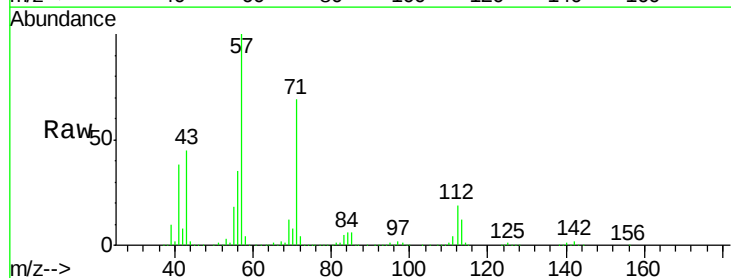
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-030220

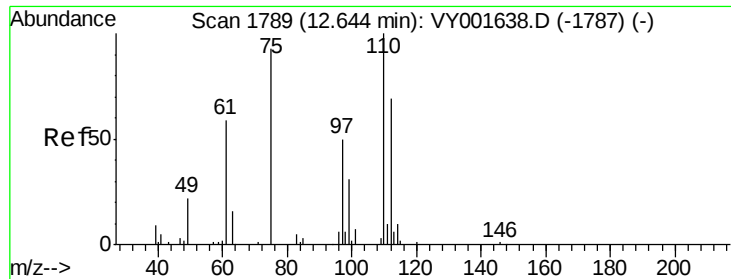
Tgt Ion: 43 Resp: 589820
Ion Ratio Lower Upper
43 100
70 9.3 35.9 53.9#
55 9.8 18.3 27.5#
61 0.0 20.7 31.1#



#75
1,1,2,2-Tetrachloroethane
Concen: 56.17 ug/l
RT: 12.53 min Scan# 1771
Delta R.T. -0.05 min
Lab File: VY001822.D
Acq: 02 Mar 2020 16:08

Tgt Ion: 83 Resp: 62783
Ion Ratio Lower Upper
83 100
131 0.0 4.7 14.1#
85 123.3 31.6 94.7#

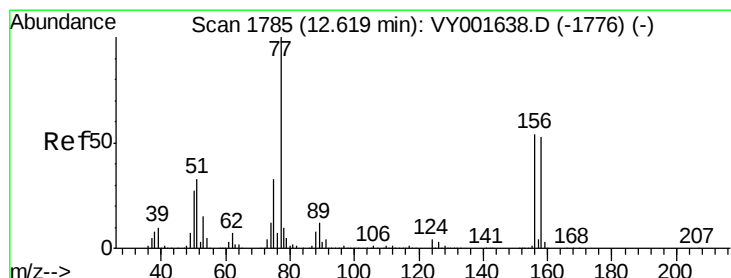
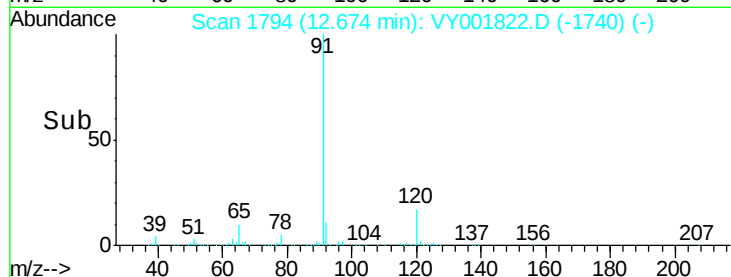
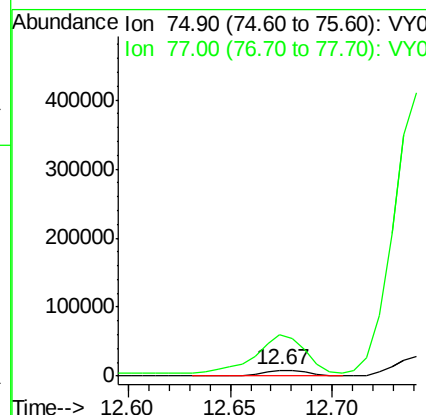
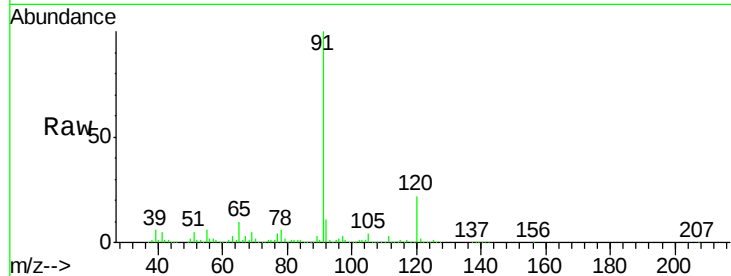




#76
 1,2,3-Trichloropropane
 Concen: 16.75 ug/l
 RT: 12.67 min Scan# 1794
 Delta R.T. 0.03 min
 Lab File: VY001822.D
 Acq: 02 Mar 2020 16:08

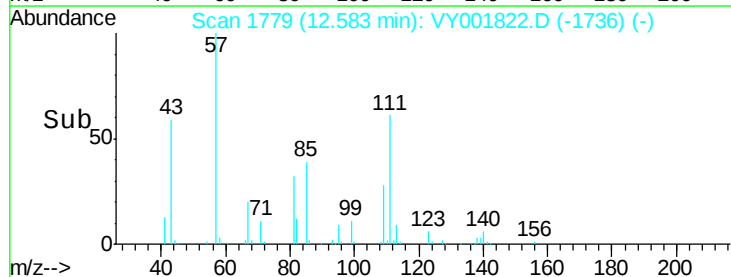
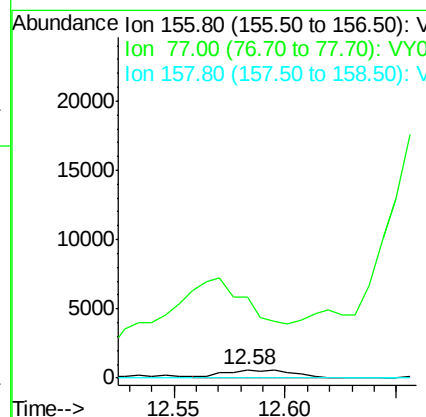
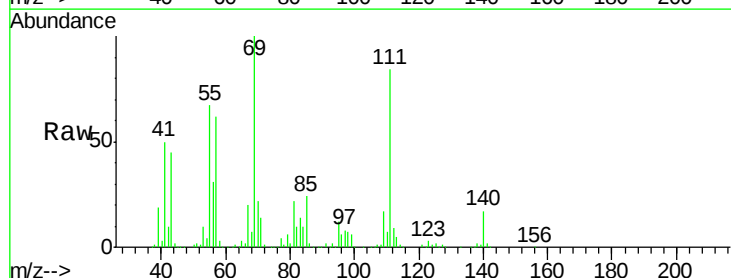
Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-02-030220

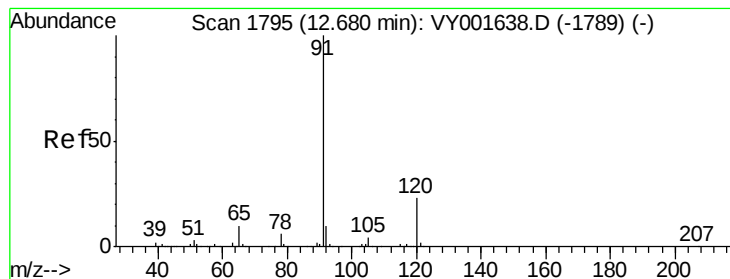
Tgt Ion: 75 Resp: 13200
 Ion Ratio Lower Upper
 75 100
 77 724.4 0.0 0.0#



#77
 Bromobenzene
 Concen: 1.11 ug/l
 RT: 12.58 min Scan# 1779
 Delta R.T. -0.04 min
 Lab File: VY001822.D
 Acq: 02 Mar 2020 16:08

Tgt Ion: 156 Resp: 1259
 Ion Ratio Lower Upper
 156 100
 77 0.0 110.1 330.1#
 158 0.0 47.9 143.7#





#78

n-propylbenzene

Concen: 362.37 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY001822.D

Acq: 02 Mar 2020 16:08

Instrument :

MSVOA_Y

ClientSampleId :

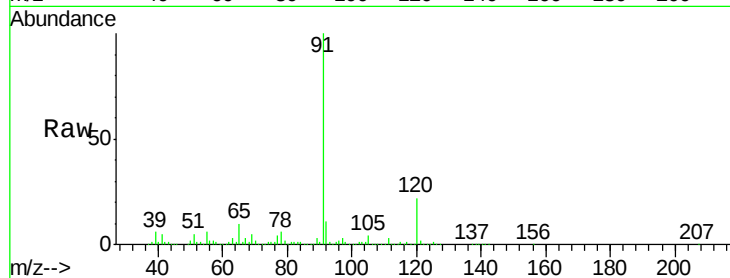
EO-02-030220

Tgt Ion: 91 Resp: 2310432

Ion Ratio Lower Upper

91 100

120 22.0 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

1500000

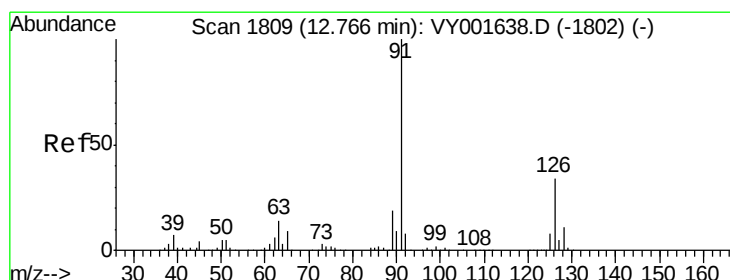
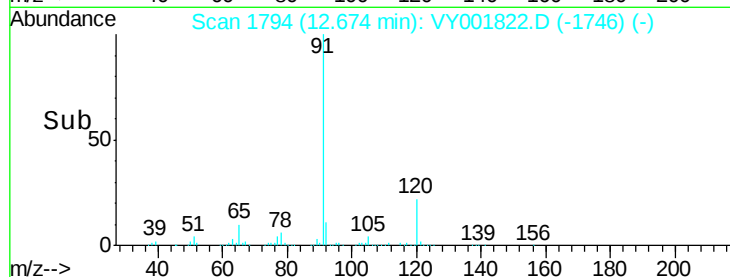
1000000

500000

0

12.60 12.65 12.70

Time-->



#79

2-Chlorotoluene

Concen: 192.46 ug/l

RT: 12.74 min Scan# 1805

Delta R.T. -0.02 min

Lab File: VY001822.D

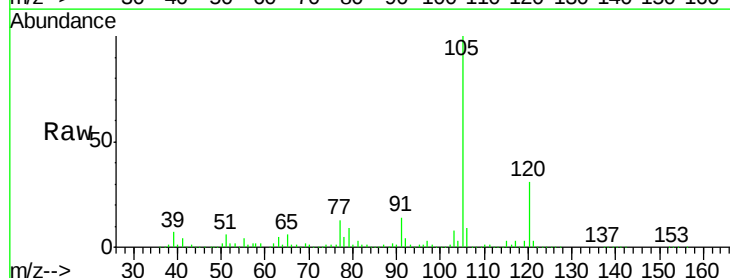
Acq: 02 Mar 2020 16:08

Tgt Ion: 91 Resp: 688220

Ion Ratio Lower Upper

91 100

126 0.3 16.2 48.6#



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

1500000

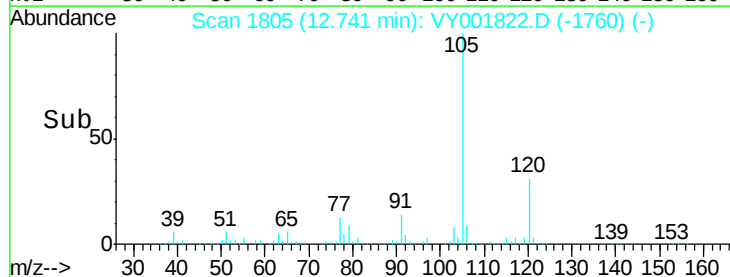
1000000

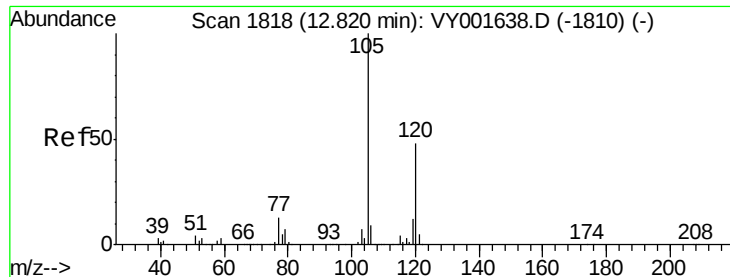
500000

0

12.70 12.75

Time-->

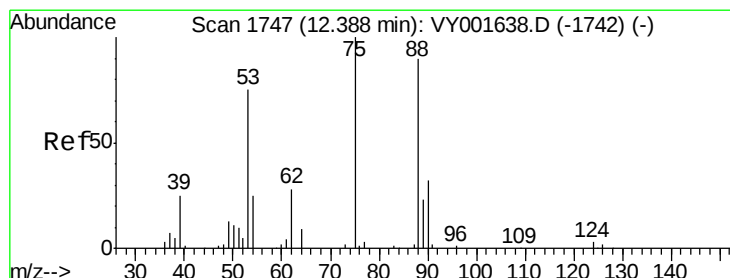
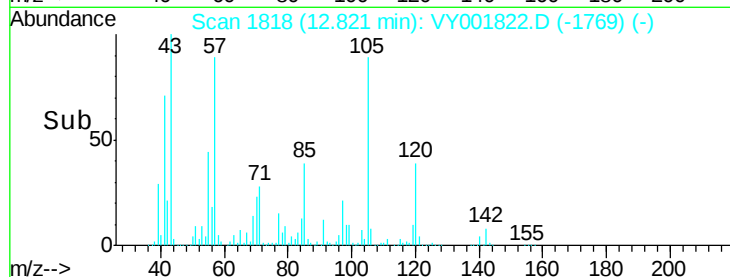
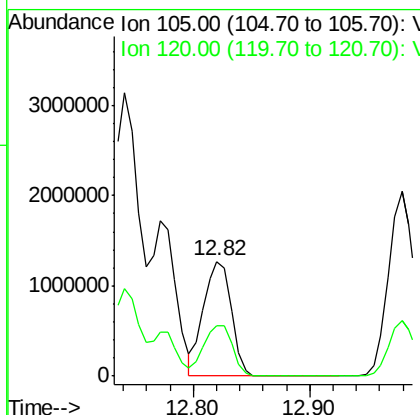
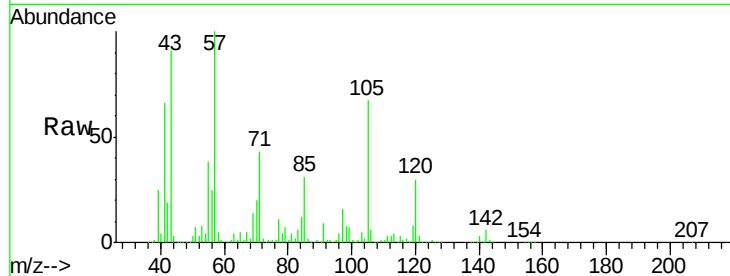




#80
 1,3,5-Trimethylbenzene
 Concen: 482.07 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VY001822.D
 Acq: 02 Mar 2020 16:08

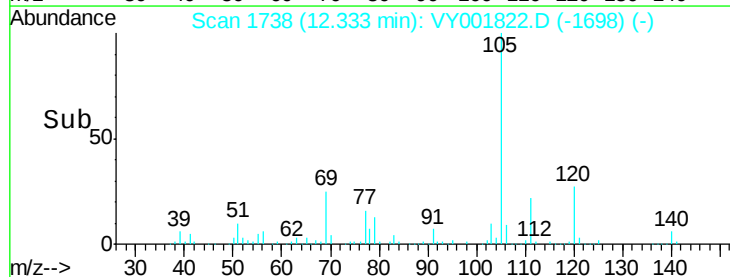
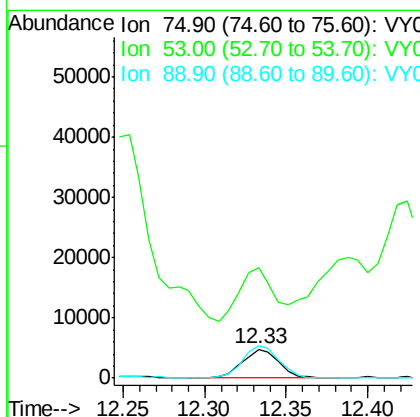
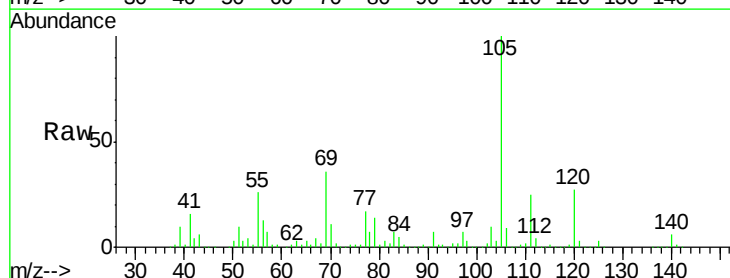
Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-02-030220

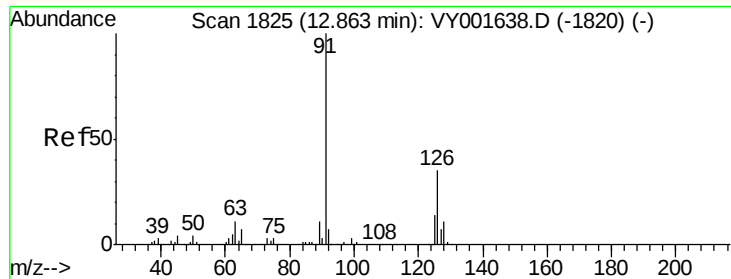
Tgt Ion:105 Resp: 2089051
 Ion Ratio Lower Upper
 105 100
 120 45.9 24.3 72.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 17.49 ug/l
 RT: 12.33 min Scan# 1738
 Delta R.T. -0.05 min
 Lab File: VY001822.D
 Acq: 02 Mar 2020 16:08

Tgt Ion: 75 Resp: 7266
 Ion Ratio Lower Upper
 75 100
 53 177.3 64.5 96.7#
 89 116.4 36.3 54.5#

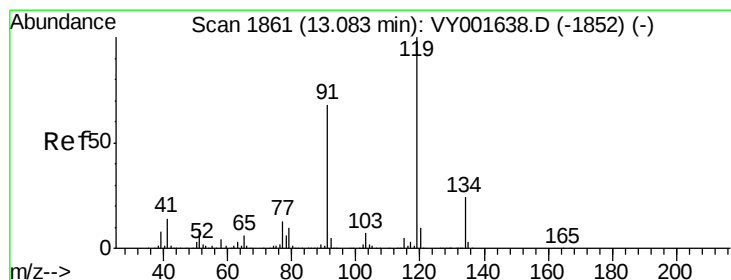
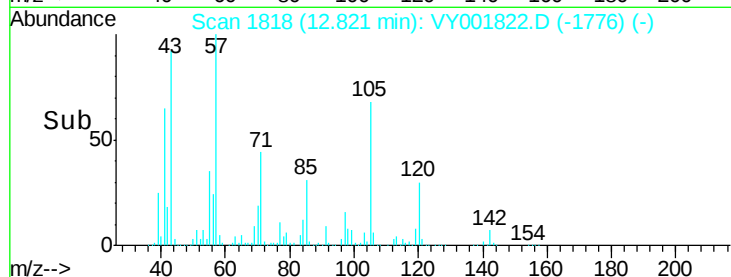
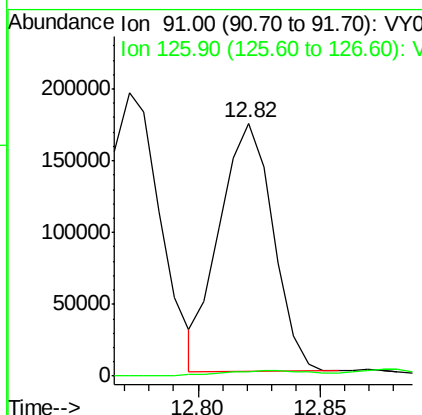
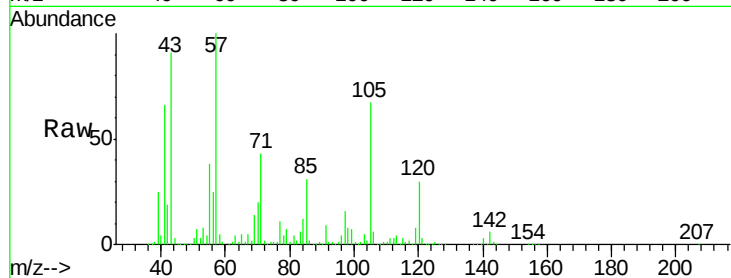




#82
4-Chlorotoluene
Concen: 69.65 ug/l
RT: 12.82 min Scan# 1818
Delta R.T. -0.04 min
Lab File: VY001822.D
Acq: 02 Mar 2020 16:08

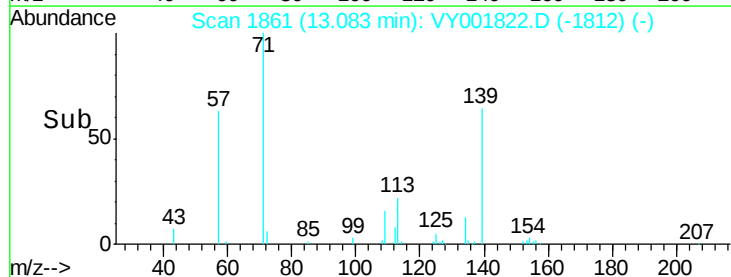
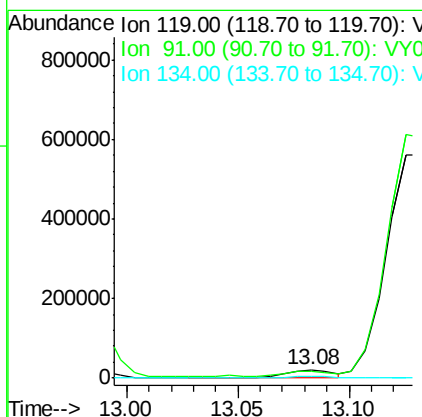
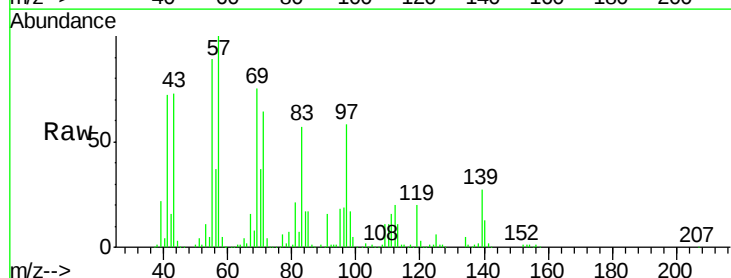
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-030220

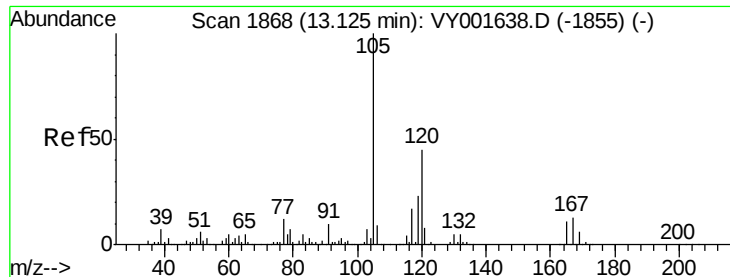
Tgt Ion: 91 Resp: 262703
Ion Ratio Lower Upper
91 100
126 2.9 16.2 48.6#



#83
tert-Butylbenzene
Concen: 8.58 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VY001822.D
Acq: 02 Mar 2020 16:08

Tgt Ion: 119 Resp: 31108
Ion Ratio Lower Upper
119 100
91 0.0 33.5 100.5#
134 26.4 13.3 39.8

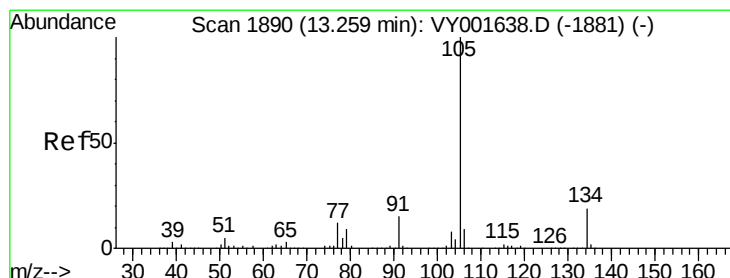
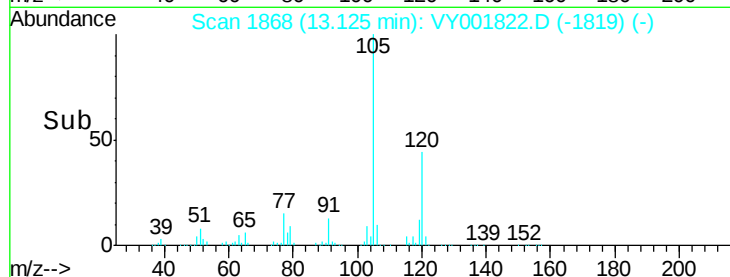
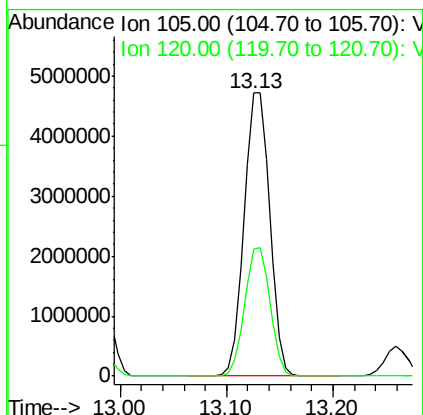
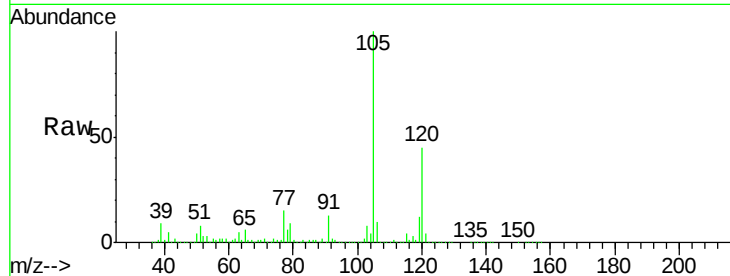




#84
 1,2,4-Trimethylbenzene
 Concen: 1851.00 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VY001822.D
 Acq: 02 Mar 2020 16:08

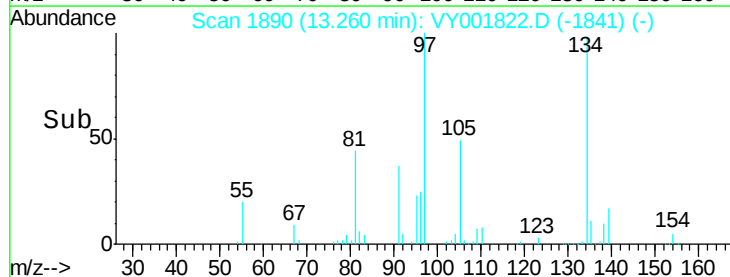
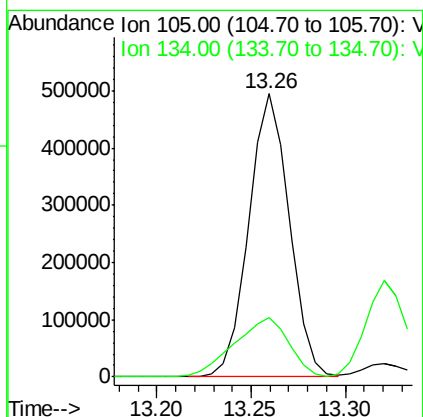
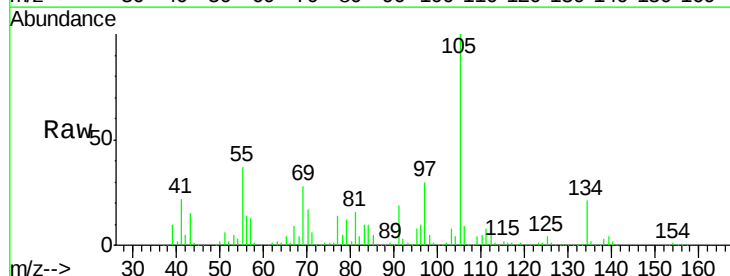
Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-02-030220

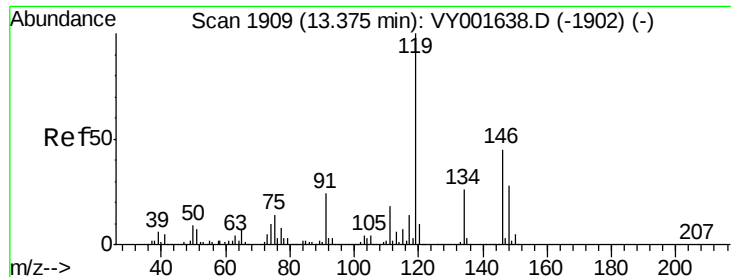
Tgt Ion:105 Resp: 7996891
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.3



#85
 sec-Butylbenzene
 Concen: 137.26 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VY001822.D
 Acq: 02 Mar 2020 16:08

Tgt Ion:105 Resp: 731660
 Ion Ratio Lower Upper
 105 100
 134 28.4 9.8 29.3

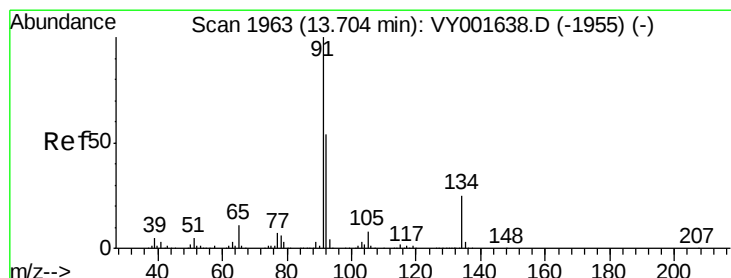
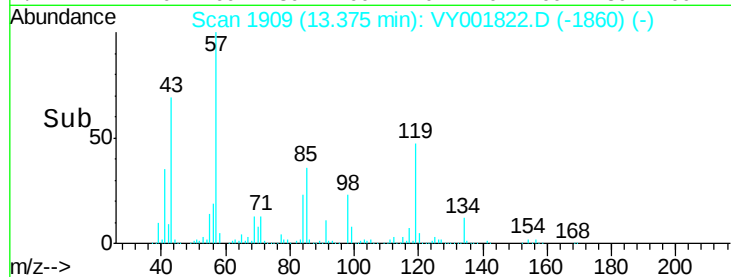
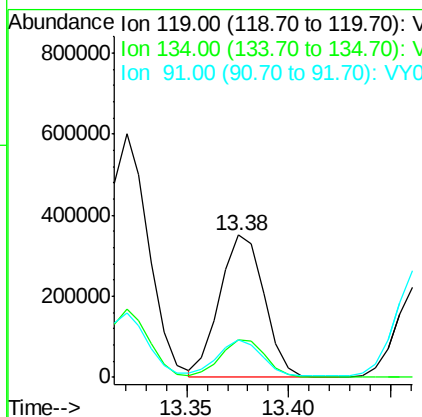
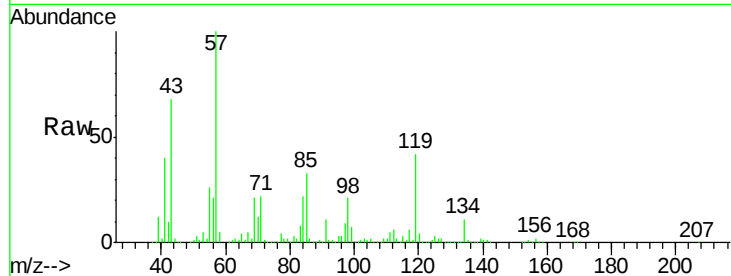




#86
p-Isopropyltoluene
Concen: 114.33 ug/l
RT: 13.38 min Scan# 1909
Delta R.T. 0.00 min
Lab File: VY001822.D
Acq: 02 Mar 2020 16:08

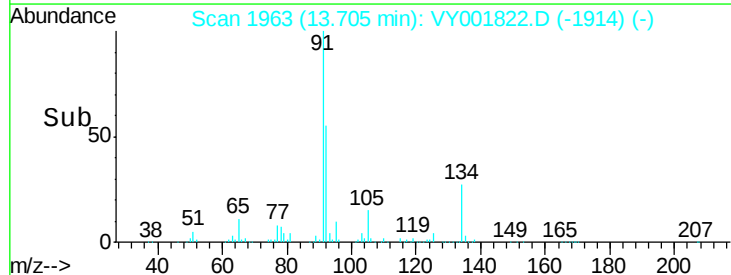
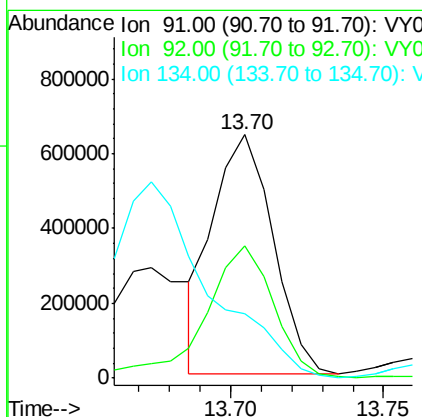
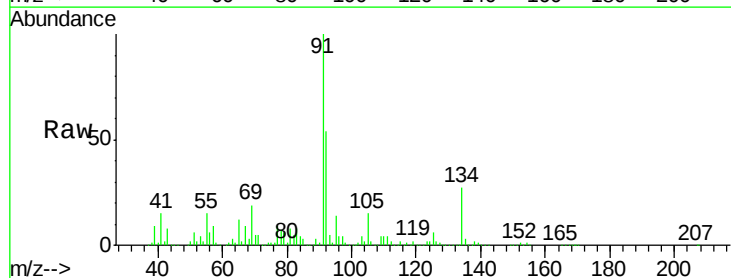
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-030220

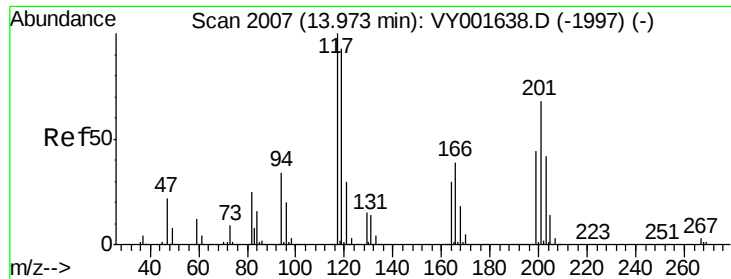
Tgt Ion: 119 Resp: 529438
Ion Ratio Lower Upper
119 100
134 26.3 13.0 39.0
91 24.7 12.2 36.6



#89
n-Butylbenzene
Concen: 183.54 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY001822.D
Acq: 02 Mar 2020 16:08

Tgt Ion: 91 Resp: 868458
Ion Ratio Lower Upper
91 100
92 62.6 27.5 82.4
134 0.0 12.4 37.4#





#90

Hexachloroethane

Concen: 192.86 ug/l

RT: 13.98 min Scan# 2008

Delta R.T. 0.01 min

Lab File: VY001822.D

Acq: 02 Mar 2020 16:08

Instrument :

MSVOA_Y

ClientSampled :

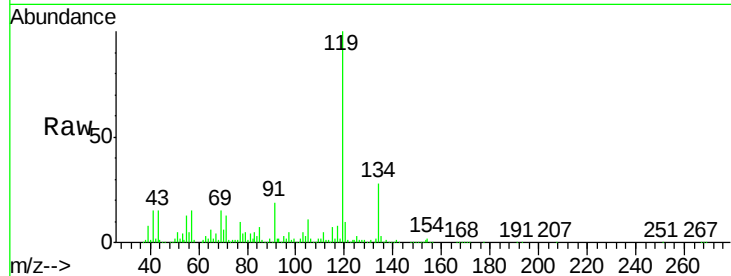
EO-02-030220

Tgt Ion:117 Resp: 168267

Ion Ratio Lower Upper

117 100

201 0.0 32.5 97.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

250000

200000

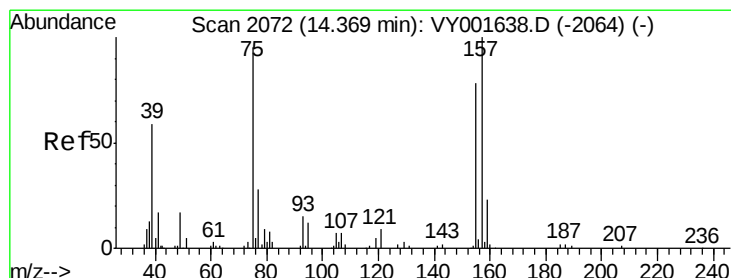
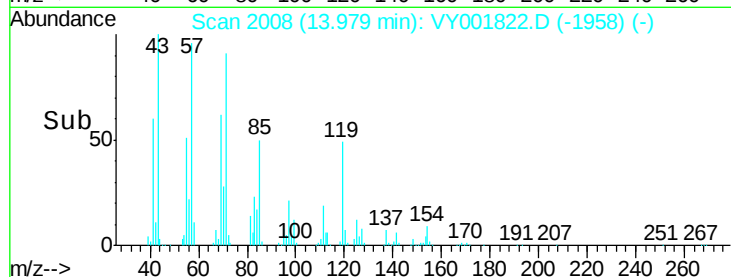
150000

100000

50000

0

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 65.62 ug/l

RT: 14.34 min Scan# 2068

Delta R.T. -0.02 min

Lab File: VY001822.D

Acq: 02 Mar 2020 16:08

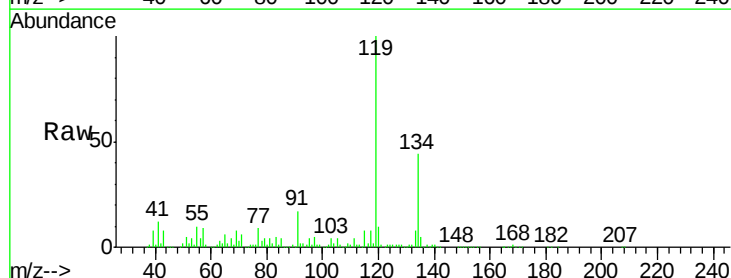
Tgt Ion: 75 Resp: 12105

Ion Ratio Lower Upper

75 100

155 0.0 40.8 122.4#

157 0.0 52.1 156.4#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

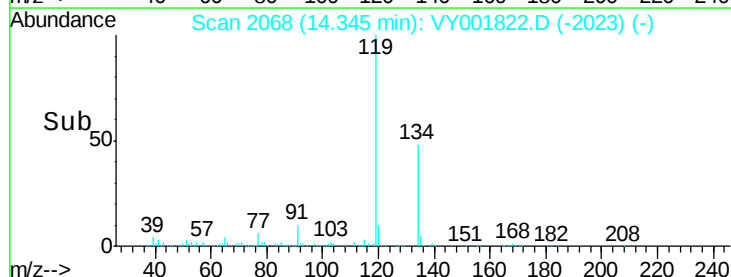
15000

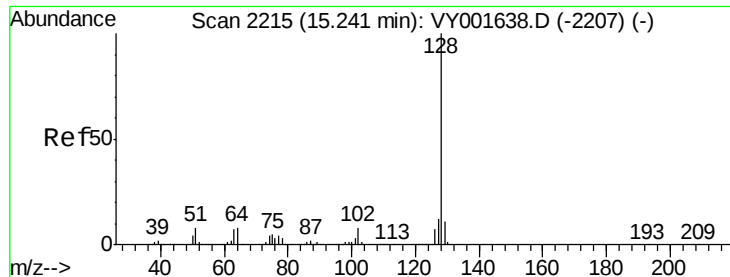
10000

5000

0

Time-->





#95

Naphthalene

Concen: 78.11 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. 0.00 min

Lab File: VY001822.D

Acq: 02 Mar 2020 16:08

Instrument :

MSVOA_Y

ClientSampleId :

EO-02-030220

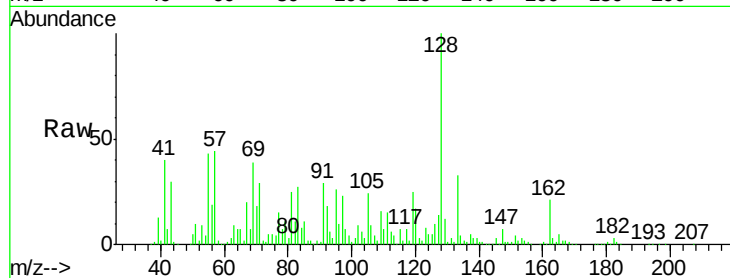
Tgt Ion:128 Resp: 242405

Ion Ratio Lower Upper

128 100

127 16.5 9.9 14.9#

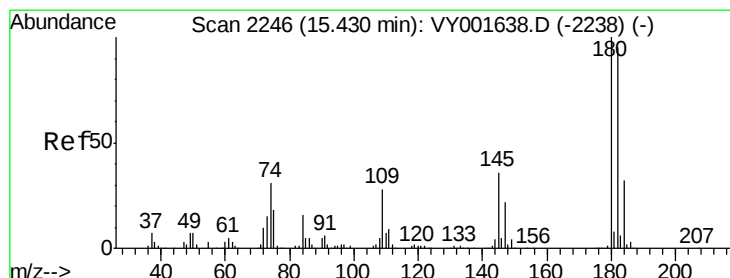
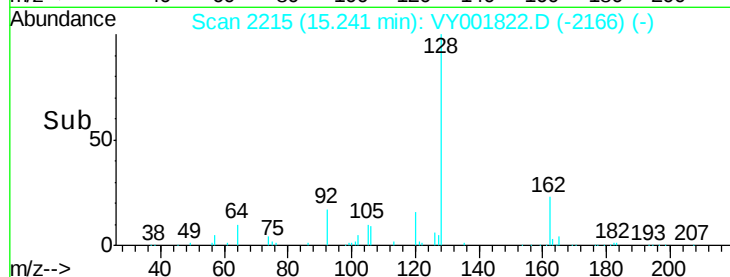
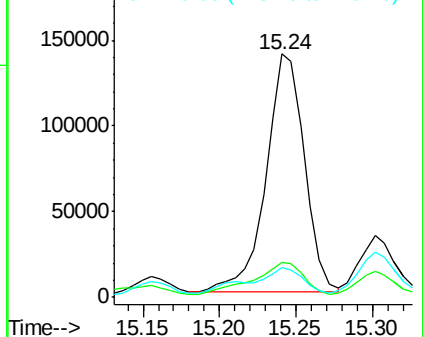
129 14.1 8.6 13.0#



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



#96

1,2,3-Trichlorobenzene

Concen: 6.93 ug/l

RT: 15.45 min Scan# 2250

Delta R.T. 0.02 min

Lab File: VY001822.D

Acq: 02 Mar 2020 16:08

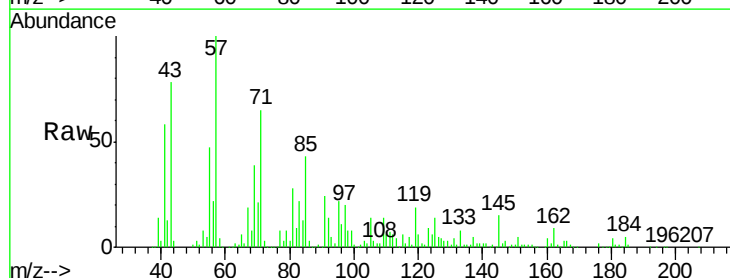
Tgt Ion:180 Resp: 8211

Ion Ratio Lower Upper

180 100

182 0.0 47.2 141.6#

145 1033.2 17.3 52.0#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

