

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020420\
 Data File : VY001491.D
 Acq On : 04 Feb 2020 16:59
 Operator : SY/MD
 Sample : L1363-01
 Misc : 9.65G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-06-020320

Quant Time: Feb 05 05:49:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	178963	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	328374	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	278127	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	96615	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	103565	57.48	ug/l	0.00
Spiked Amount			Recovery	=	114.96%	
35) Dibromofluoromethane	7.74	113	99890	52.75	ug/l	0.00
Spiked Amount			Recovery	=	105.50%	
50) Toluene-d8	10.19	98	383827	53.58	ug/l	0.00
Spiked Amount			Recovery	=	107.16%	
62) 4-Bromofluorobenzene	12.48	95	144312	51.13	ug/l	0.00
Spiked Amount			Recovery	=	102.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.99	59	192	Below Cal	#	76
16) Acetone	3.98	43	10074	19.328	ug/l	90
25) 2-Butanone	7.02	43	2365	3.497	ug/l	97
29) Tetrahydrofuran	7.37	42	563	1.389	ug/l #	50
31) Cyclohexane	7.81	56	5016	1.430	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	13792	4.591	ug/l #	49
37) Ethyl Acetate	7.02	43	2365	1.626	ug/l #	69
38) Carbon Tetrachloride	7.82	117	17576	6.047	ug/l #	15
39) Methylcyclohexane	9.19	83	25060	6.336	ug/l	94
40) Benzene	8.18	78	8803	1.027	ug/l	99
51) 4-Methyl-2-Pentanone	10.18	43	6291	4.437	ug/l	89
52) Toluene	10.25	92	254275	46.770	ug/l	100
55) 1,1,2-Trichloroethane	10.62	97	49118	29.466	ug/l #	20
56) Ethyl methacrylate	10.52	69	12518	5.280	ug/l #	1
59) 2-Hexanone	10.80	43	60027	58.223	ug/l #	27
67) Ethyl Benzene	11.60	91	1084406	107.397	ug/l	99
68) m/p-Xylenes	11.70	106	1205904	318.135	ug/l	98
69) o-Xylene	12.03	106	1077793	301.569	ug/l	96
70) Styrene	12.03	104	52985	8.573	ug/l #	1
73) Isopropylbenzene	12.33	105	458520	62.226	ug/l	99
74) N-amyl acetate	12.13	43	216948	113.302	ug/l #	55
75) 1,1,2,2-Tetrachloroethane	12.64	83	72329	51.664	ug/l #	26
76) 1,2,3-Trichloropropane	12.67	75	9415	9.062	ug/l #	100
78) n-propylbenzene	12.67	91	1538321	174.383	ug/l	100
79) 2-Chlorotoluene	12.74	91	432348	85.982	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.81	105	2087361	336.364	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.33	75	5143	9.578	ug/l #	34
82) 4-Chlorotoluene	12.81	91	235050	44.584	ug/l #	45
83) tert-Butylbenzene	13.08	119	25054	4.776	ug/l	86
84) 1,2,4-Trimethylbenzene	13.12	105	4900471	797.864	ug/l	100
85) sec-Butylbenzene	13.25	105	515958	69.960	ug/l	81
86) p-Isopropyltoluene	13.37	119	441310	67.904	ug/l	100
89) n-Butylbenzene	13.70	91	623790	97.278	ug/l #	77
90) Hexachloroethane	13.97	117	140703	112.797	ug/l #	16

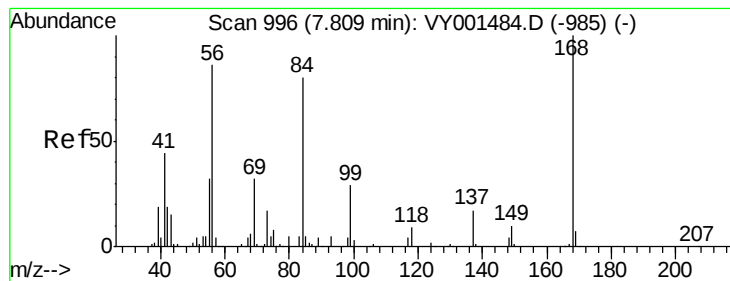
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020420\
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Quant Title : SW846 8260
QLast Update : Tue Feb 04 15:10:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	14.38	75	3295	12.749	ug/l #	27
93) 1,2,4-Trichlorobenzene	15.01	180	2306	1.236	ug/l #	1
95) Naphthalene	15.24	128	198668	45.294	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.45	180	4006	2.432	ug/l #	12

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001491.D

Acq: 04 Feb 2020 16:59

Instrument :

MSVOA_Y

ClientSampleId :

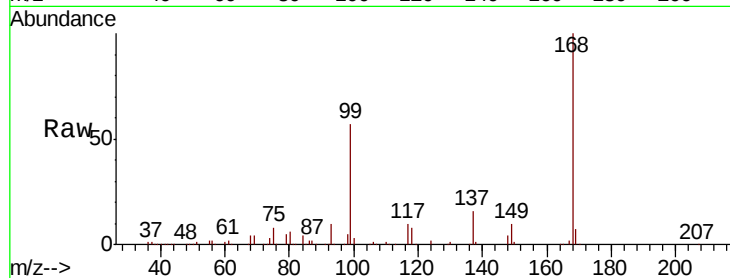
HR-06-020320

Tot Ion:168 Resp: 178963

Ion Ratio Lower Upper

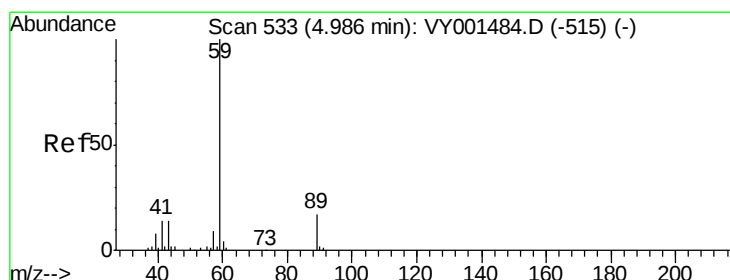
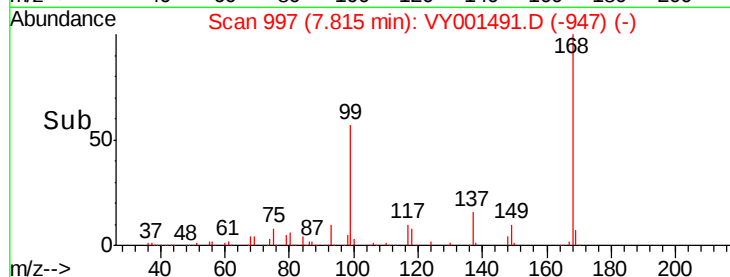
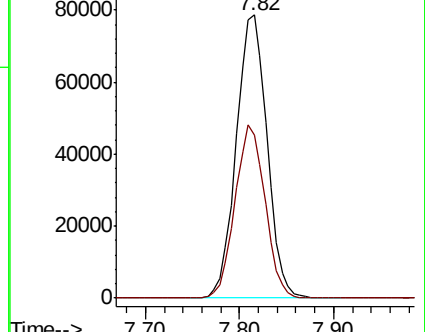
168 100

99 57.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001484.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY001484.D (-985) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.99 min Scan# 533

Delta R.T. 0.00 min

Lab File: VY001491.D

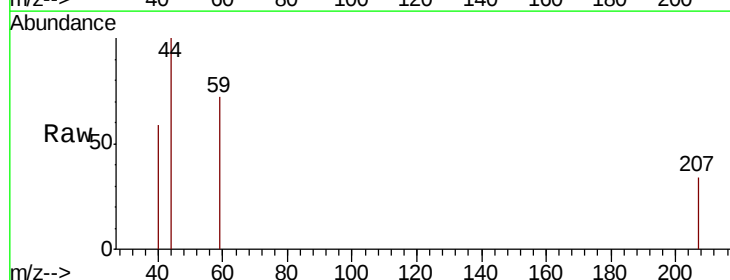
Acq: 04 Feb 2020 16:59

Tgt Ion: 59 Resp: 192

Ion Ratio Lower Upper

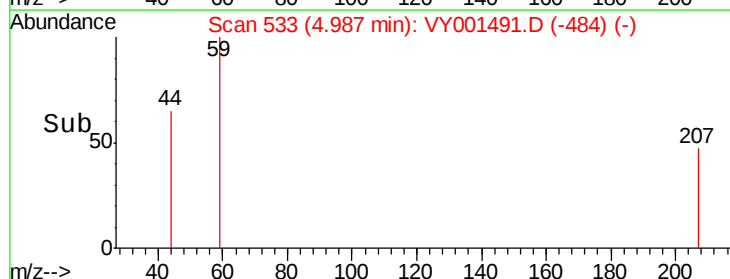
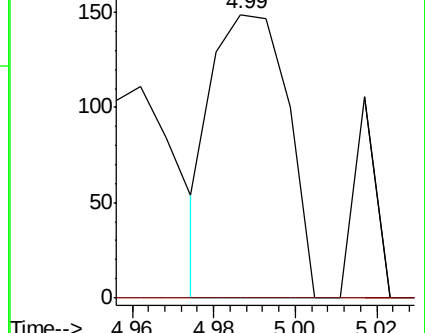
59 100

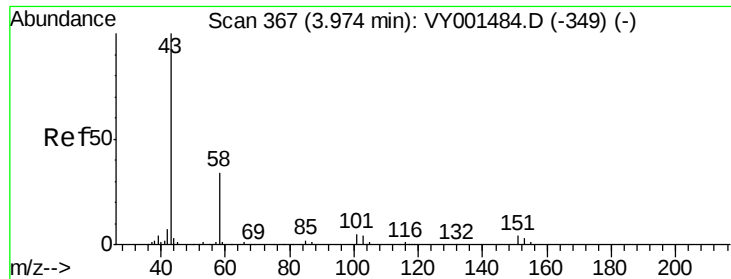
57 0.0 7.0 10.6#



Abundance Ion 59.00 (58.70 to 59.70): VY001484.D (-515) (-)

Ion 57.00 (56.70 to 57.70): VY001484.D (-515) (-)





#16

Acetone

Concen: 19.328 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY001491.D

Acq: 04 Feb 2020 16:59

Instrument :

MSVOA_Y

ClientSampleId :

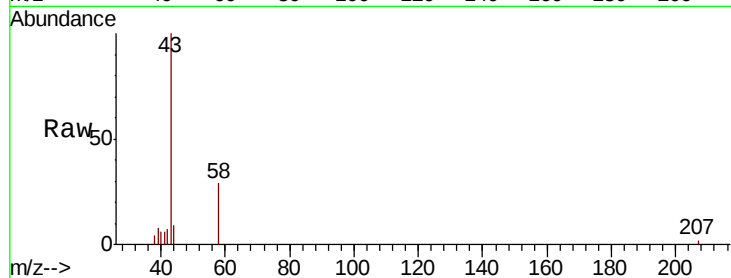
HR-06-020320

Tot Ion: 43 Resp: 10074

Ion Ratio Lower Upper

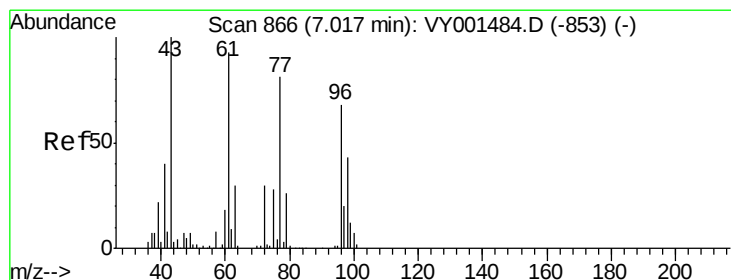
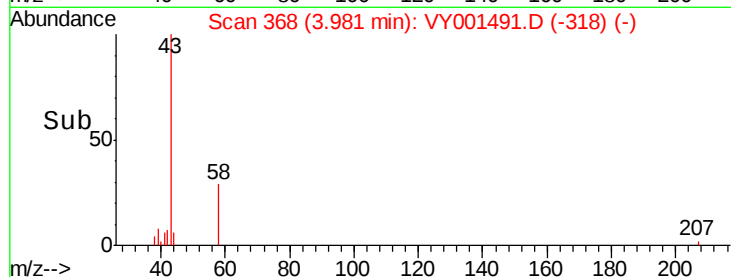
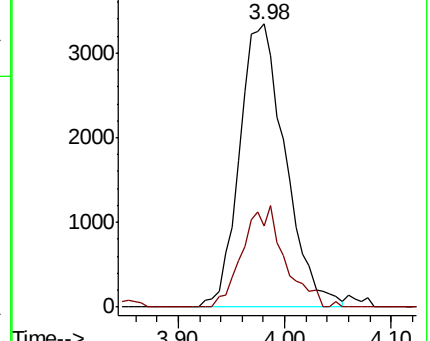
43 100

58 28.9 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#25

2-Butanone

Concen: 3.497 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.01 min

Lab File: VY001491.D

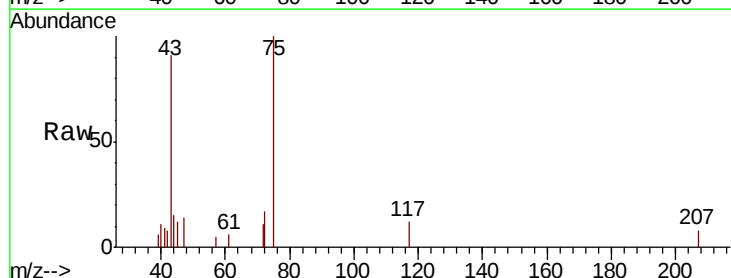
Acq: 04 Feb 2020 16:59

Tgt Ion: 43 Resp: 2365

Ion Ratio Lower Upper

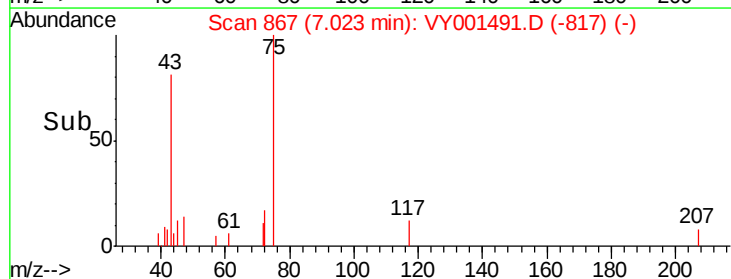
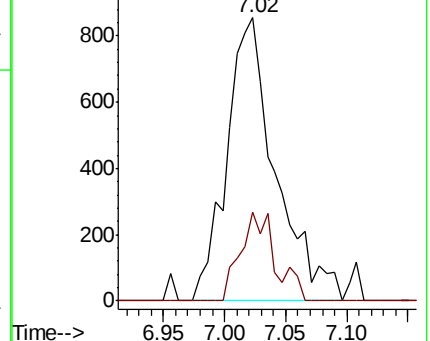
43 100

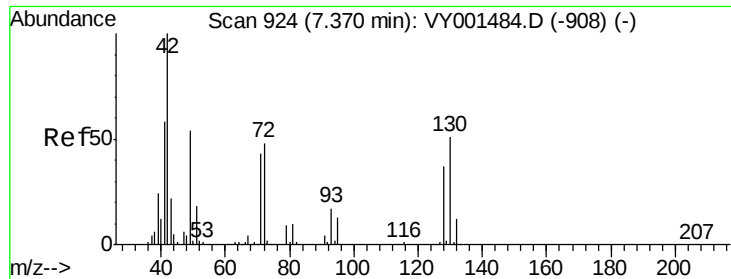
72 31.3 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

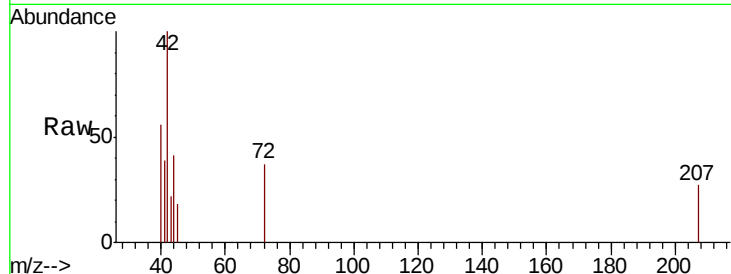




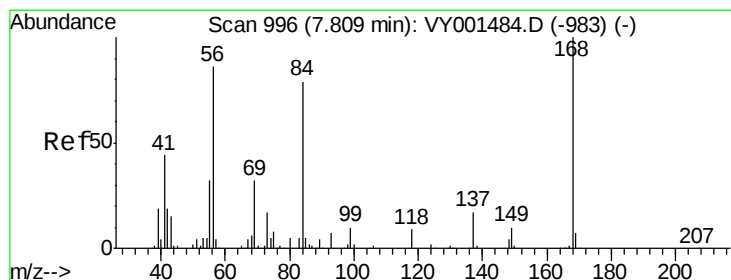
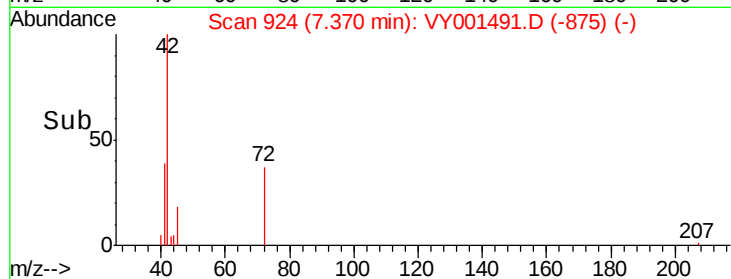
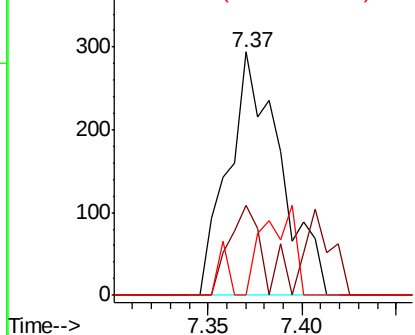
#29
Tetrahydrofuran
Concen: 1.389 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.00 min
Lab File: VY001491.D
Acq: 04 Feb 2020 16:59

Instrument :
MSVOA_Y
ClientSampleId :
HR-06-020320

Tot Ion: 42 Resp: 563
Ion Ratio Lower Upper
42 100
72 20.6 37.8 56.6#
71 4.3 34.8 52.2#

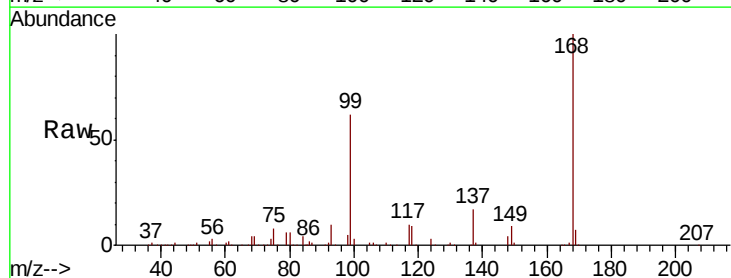


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

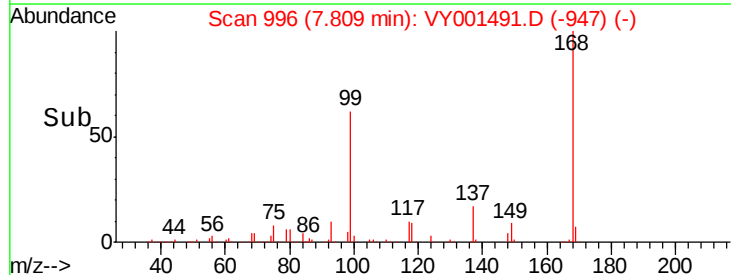
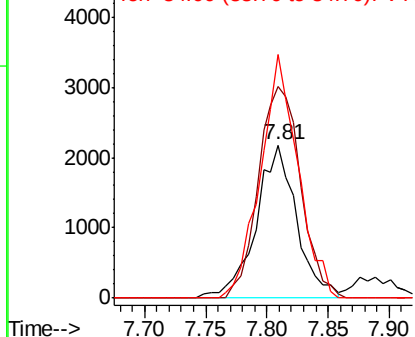


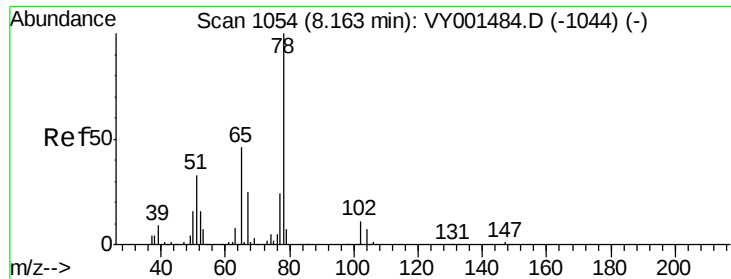
#31
Cyclohexane
Concen: 1.430 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.00 min
Lab File: VY001491.D
Acq: 04 Feb 2020 16:59

Tgt Ion: 56 Resp: 5016
Ion Ratio Lower Upper
56 100
69 138.3 29.6 44.4#
84 159.2 73.6 110.4#



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

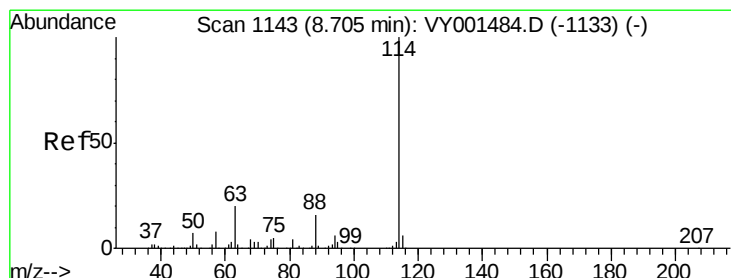
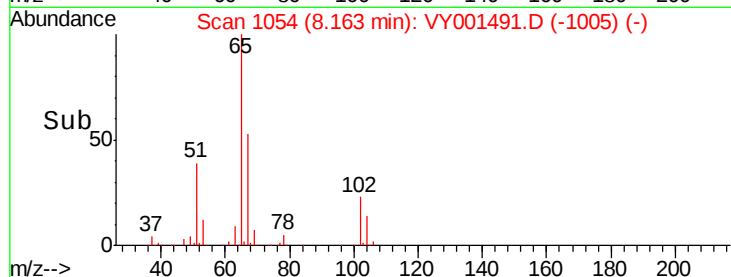
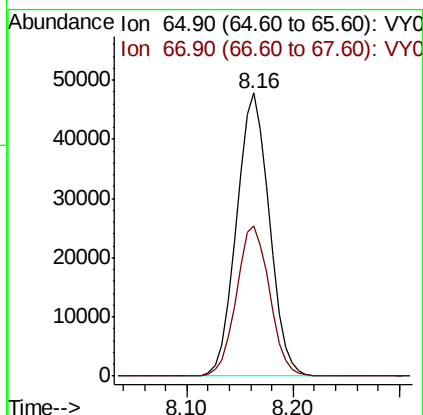
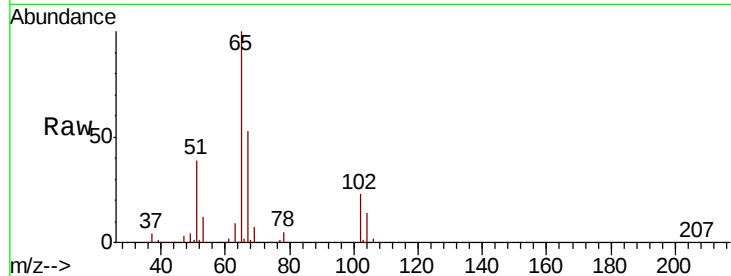




#33
 1,2-Dichloroethane-d4
 Concen: 57.476 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: VY001491.D
 Acq: 04 Feb 2020 16:59

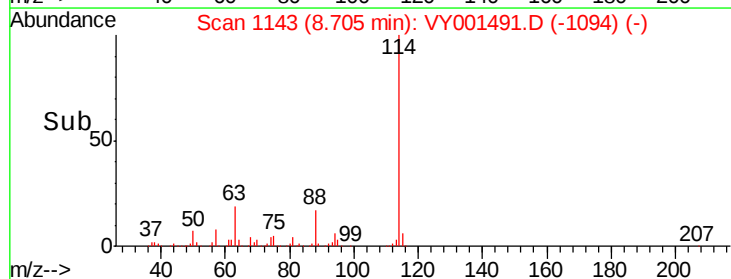
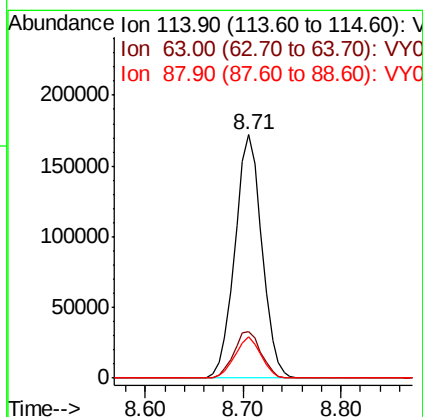
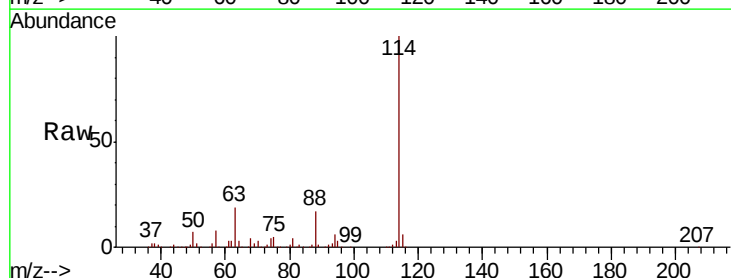
Instrument :
 MSVOA_Y
 ClientSampled :
 HR-06-020320

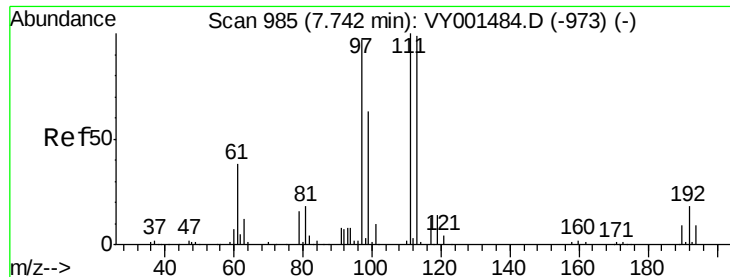
Tot Ion: 65 Resp: 103565
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY001491.D
 Acq: 04 Feb 2020 16:59

Tgt Ion: 114 Resp: 328374
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.8
 88 16.8 0.0 32.6

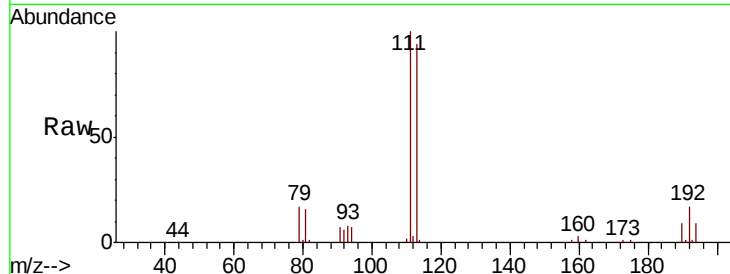




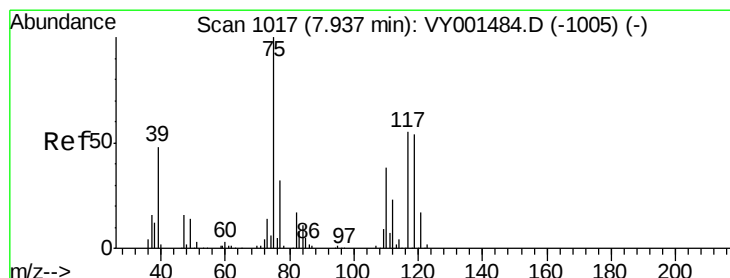
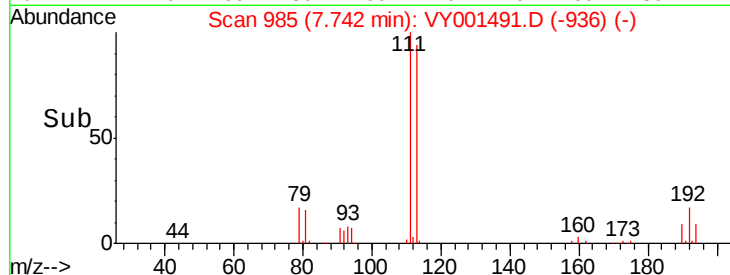
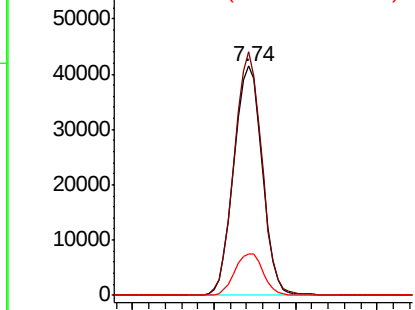
#35
 Dibromofluoromethane
 Concen: 52.752 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: VY001491.D
 Acq: 04 Feb 2020 16:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-06-020320

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.9	124.3
192	18.2	14.6	22.0

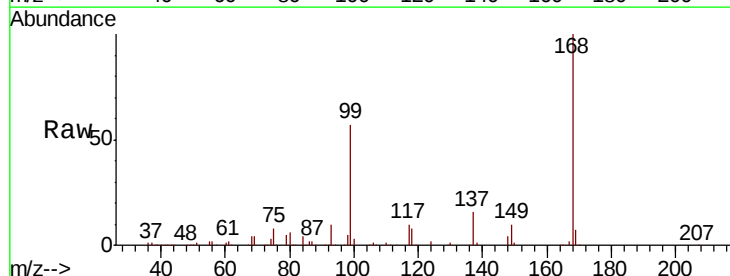


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

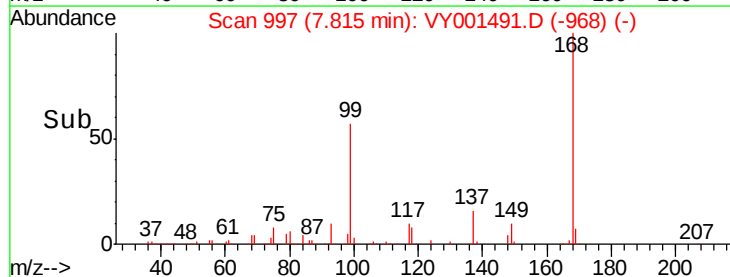
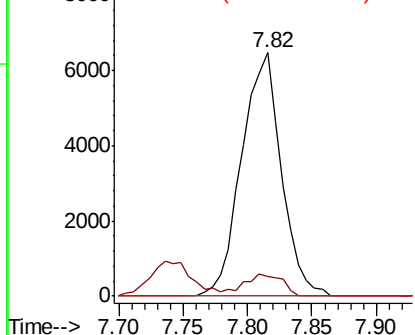


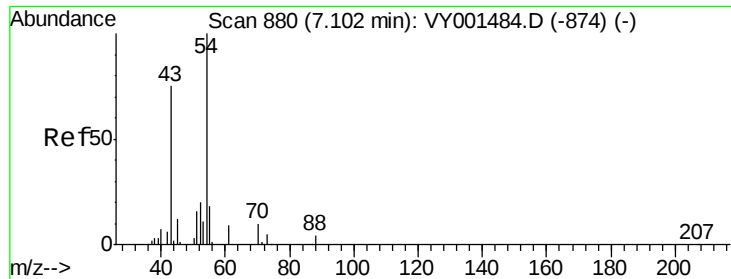
#36
 1,1-Dichloropropene
 Concen: 4.591 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.12 min
 Lab File: VY001491.D
 Acq: 04 Feb 2020 16:59

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.2	54.6#
77	0.0	25.0	37.4#



Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VY0

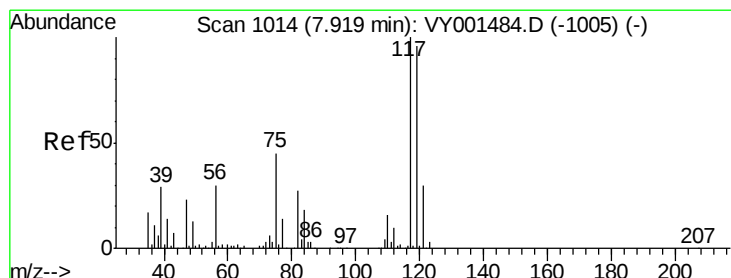
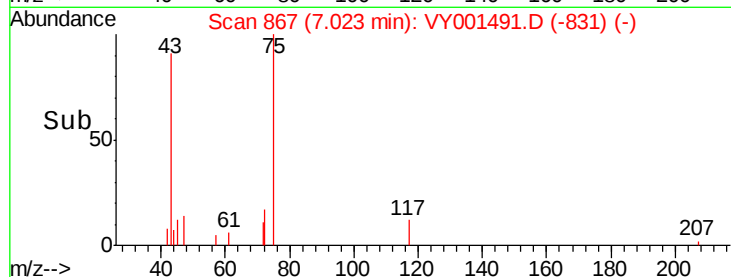
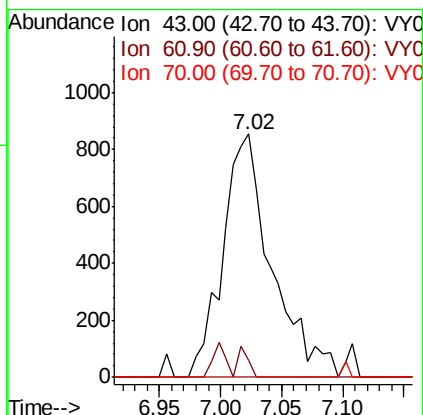
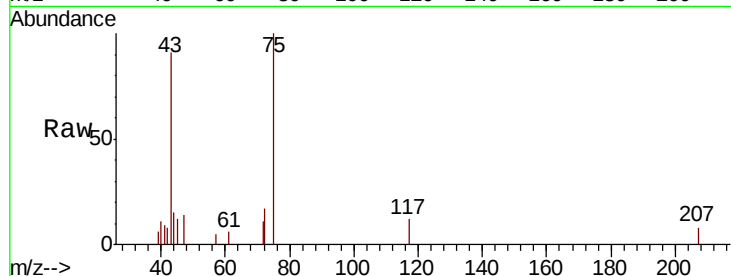




#37
Ethyl Acetate
Concen: 1.626 ug/l
RT: 7.02 min Scan# 867
Delta R.T. -0.08 min
Lab File: VY001491.D
Acq: 04 Feb 2020 16:59

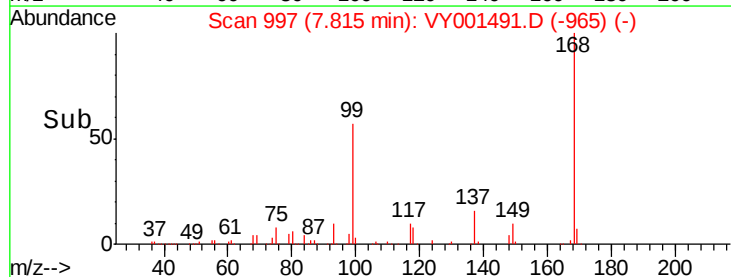
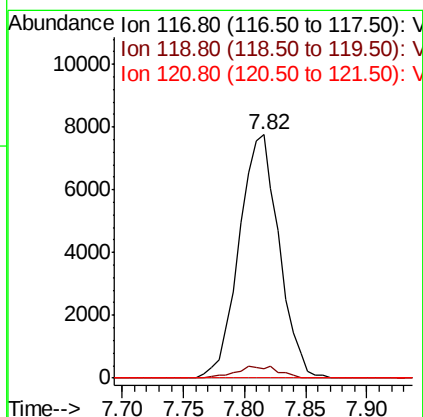
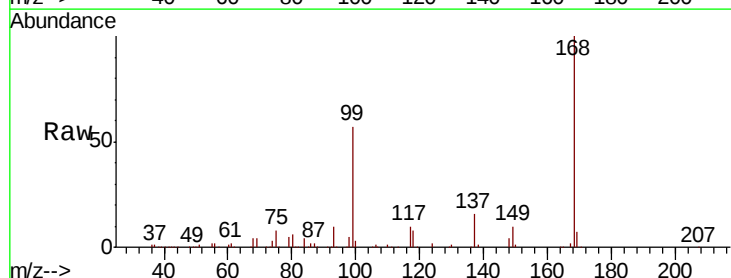
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MSVOA_Y
ClientSampleId :
HR-06-020320

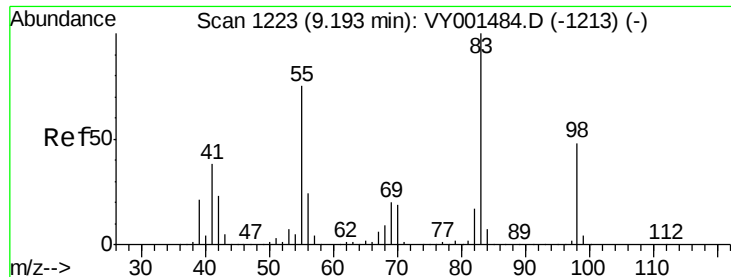
Tot Ion: 43 Resp: 2365
Ion Ratio Lower Upper
43 100
61 2.6 12.0 18.0#
70 0.0 10.2 15.4#



#38
Carbon Tetrachloride
Concen: 6.047 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.10 min
Lab File: VY001491.D
Acq: 04 Feb 2020 16:59

Tgt Ion: 117 Resp: 17576
Ion Ratio Lower Upper
117 100
119 4.0 76.4 114.6#
121 0.0 24.2 36.4#

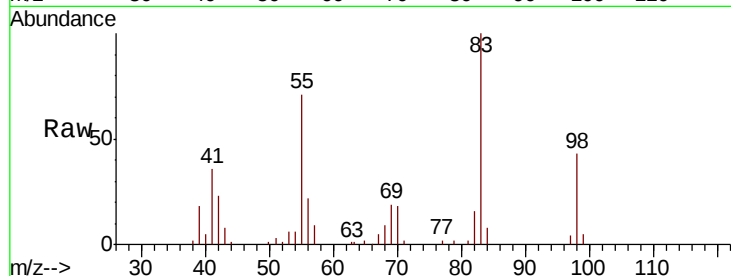




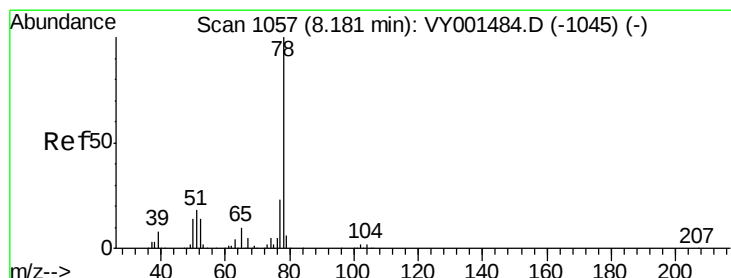
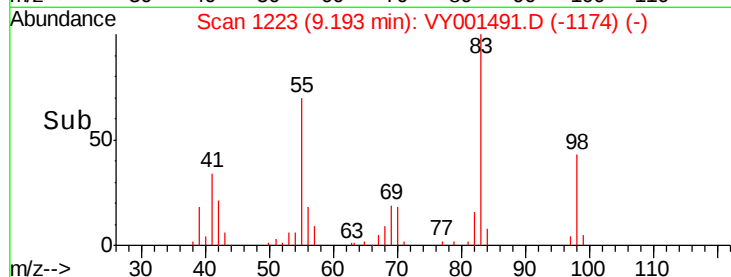
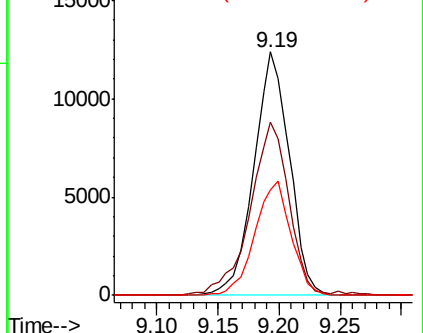
#39
Methvlcvclohexane
Concen: 6.336 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VY001491.D
Acq: 04 Feb 2020 16:59

Instrument :
MSVOA_Y
ClientSampleId :
HR-06-020320

Tot Ion: 83 Resp: 25060
Ion Ratio Lower Upper
83 100
55 70.9 59.8 89.6
98 43.4 38.6 57.8

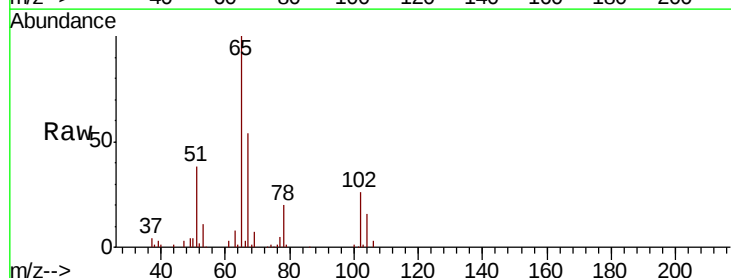


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

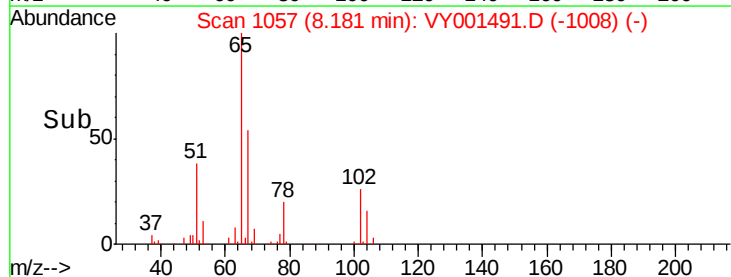
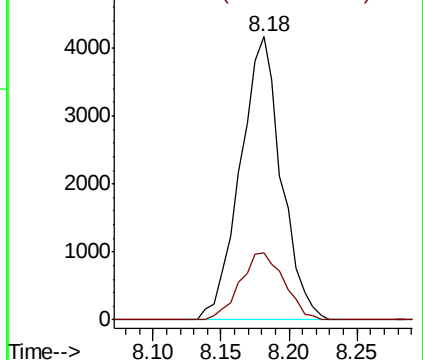


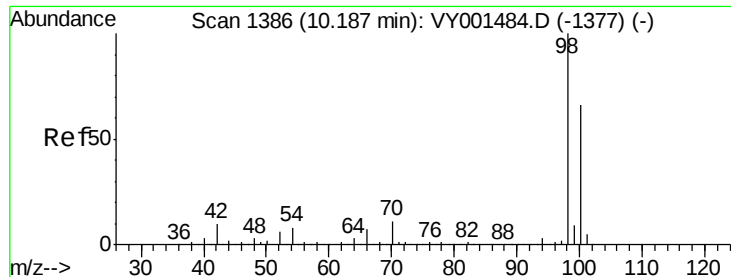
#40
Benzene
Concen: 1.027 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VY001491.D
Acq: 04 Feb 2020 16:59

Tgt Ion: 78 Resp: 8803
Ion Ratio Lower Upper
78 100
77 23.5 18.5 27.7



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0





#50

Toluene-d8

Concen: 53.576 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY001491.D

Acq: 04 Feb 2020 16:59

Instrument :

MSVOA_Y

ClientSampleId :

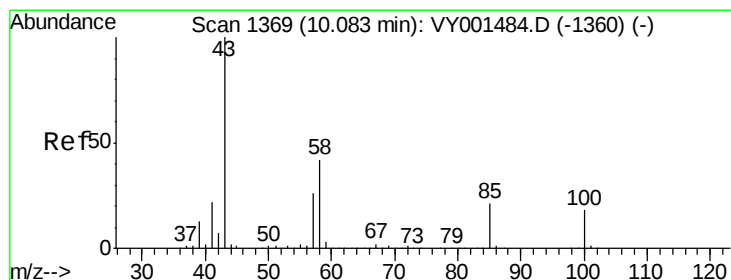
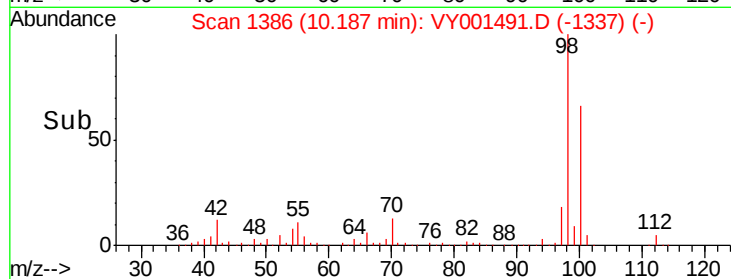
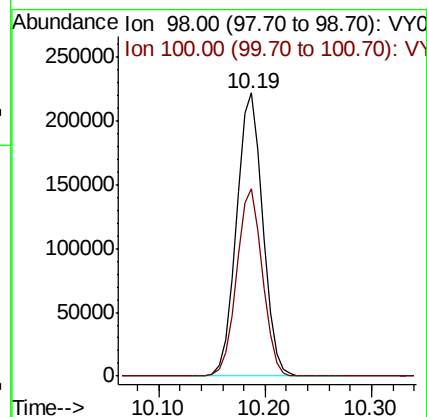
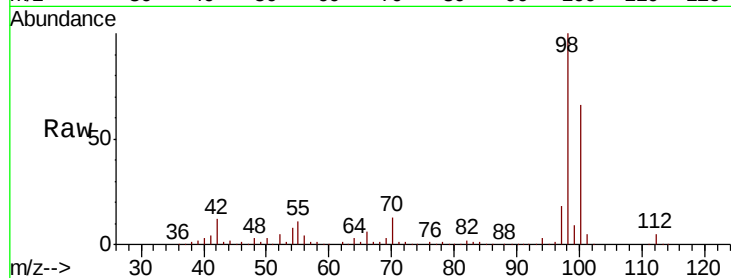
HR-06-020320

Tot Ion: 98 Resp: 383827

Ion Ratio Lower Upper

98 100

100 64.9 53.0 79.6



#51

4-Methyl-2-Pentanone

Concen: 4.437 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.10 min

Lab File: VY001491.D

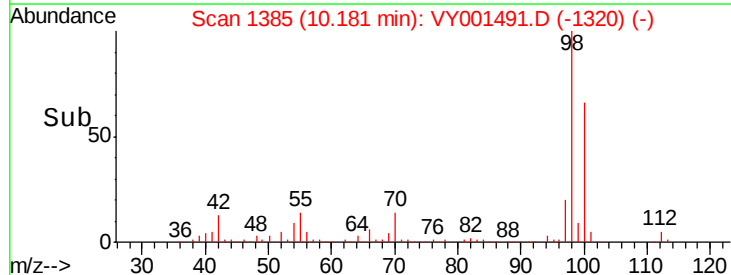
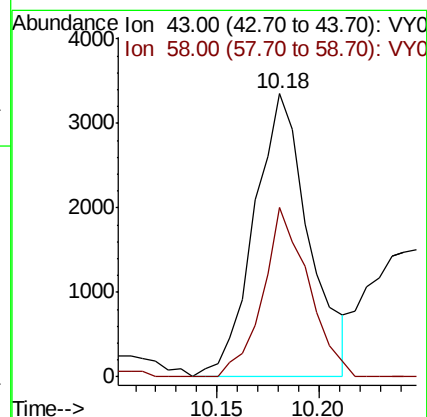
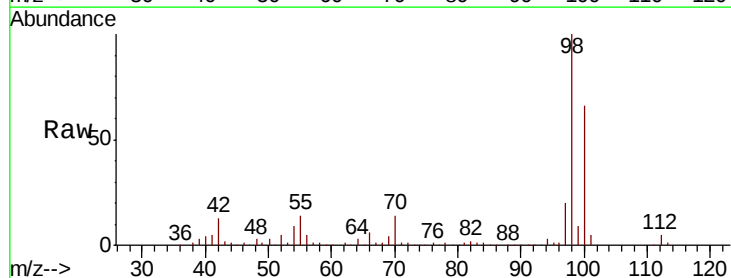
Acq: 04 Feb 2020 16:59

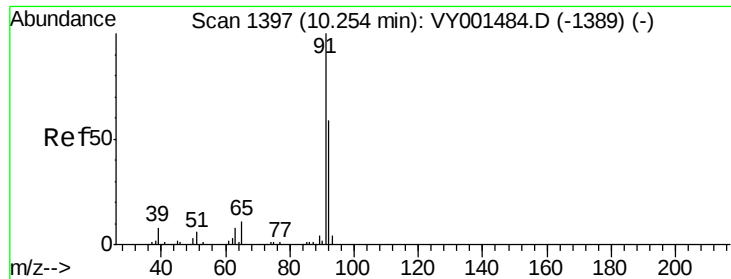
Tgt Ion: 43 Resp: 6291

Ion Ratio Lower Upper

43 100

58 49.4 33.9 50.9





#52

Toluene

Concen: 46.770 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VY001491.D

Acq: 04 Feb 2020 16:59

Instrument :

MSVOA_Y

ClientSampleId :

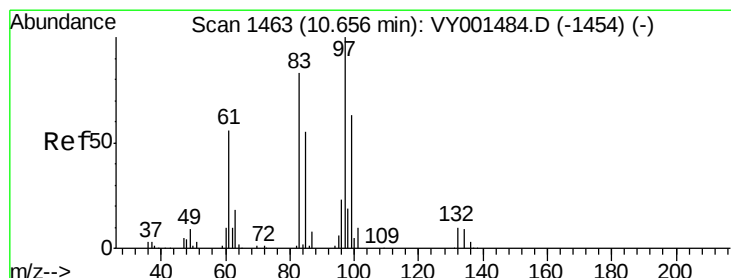
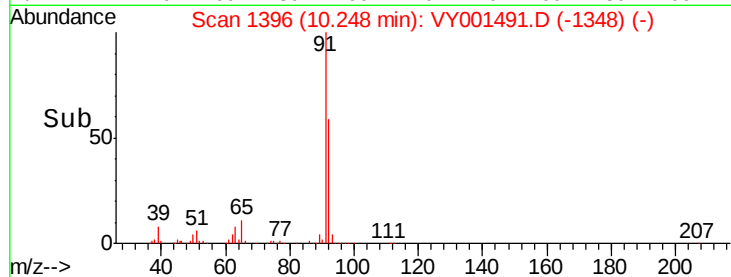
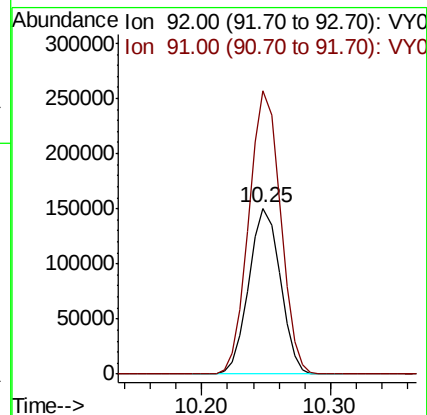
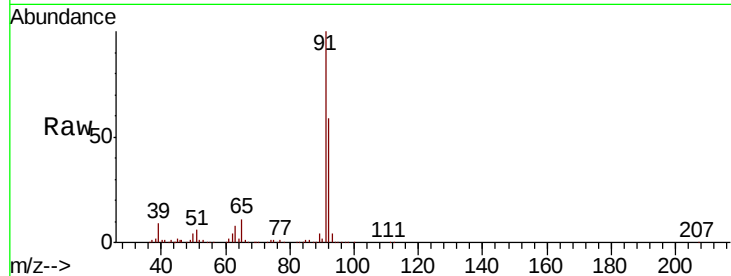
HR-06-020320

Tot Ion: 92 Resp: 254275

Ion Ratio Lower Upper

92 100

91 171.2 136.6 204.8



#55

1,1,2-Trichloroethane

Concen: 29.466 ug/l

RT: 10.62 min Scan# 1457

Delta R.T. -0.04 min

Lab File: VY001491.D

Acq: 04 Feb 2020 16:59

Tgt Ion: 97 Resp: 49118

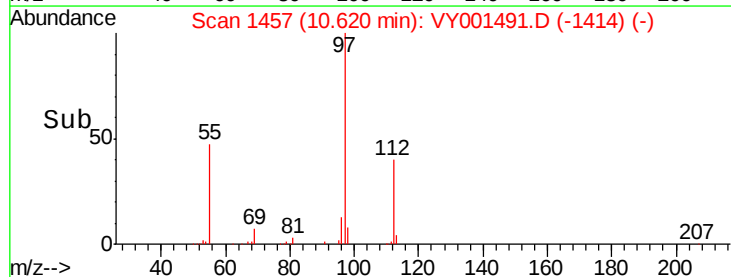
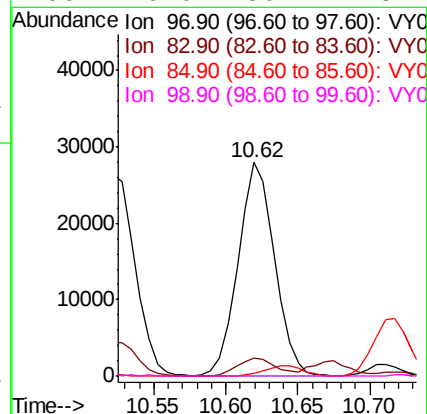
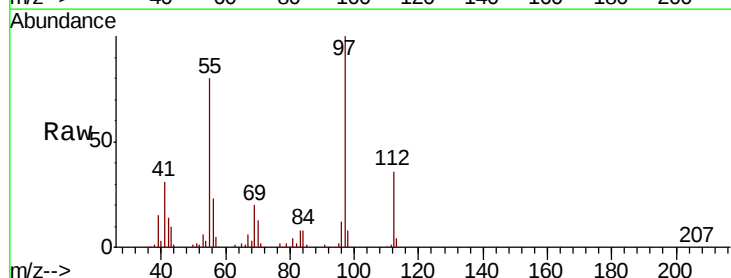
Ion Ratio Lower Upper

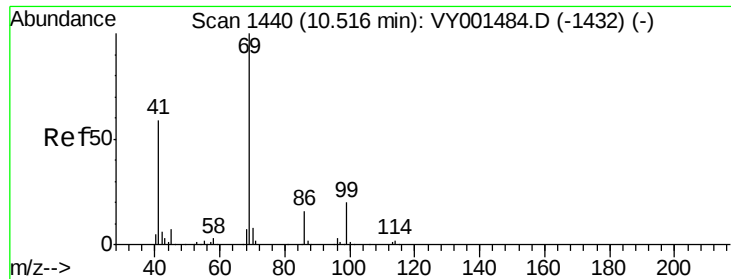
97 100

83 8.5 66.2 99.2#

85 1.2 43.8 65.6#

99 0.0 50.1 75.1#

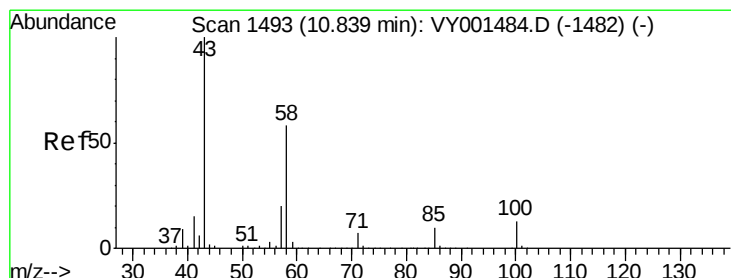
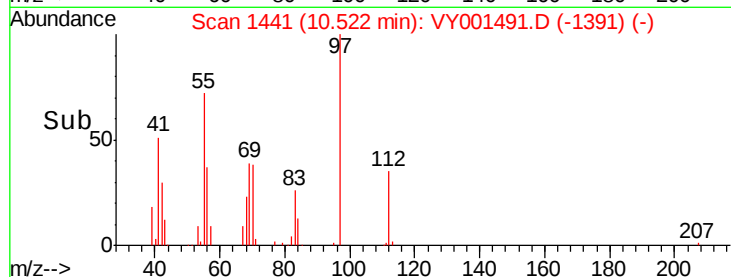
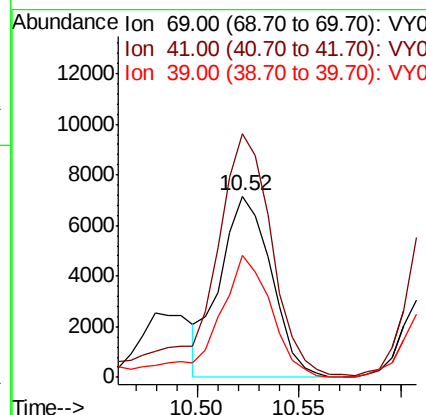
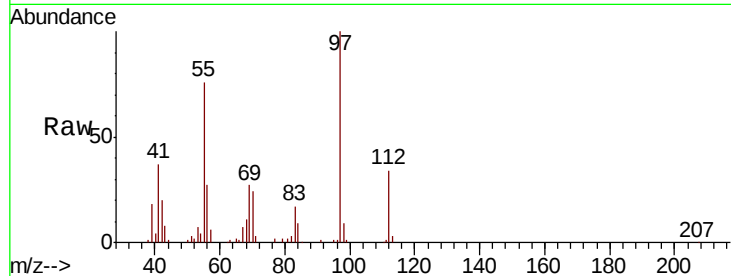




#56
Ethyl methacrylate
Concen: 5.280 ug/l
RT: 10.52 min Scan# 1441
Delta R.T. 0.01 min
Lab File: VY001491.D
Acq: 04 Feb 2020 16:59

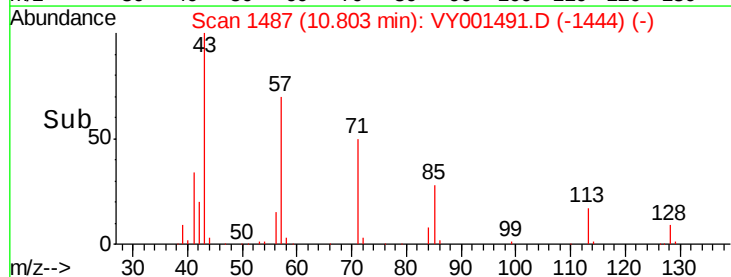
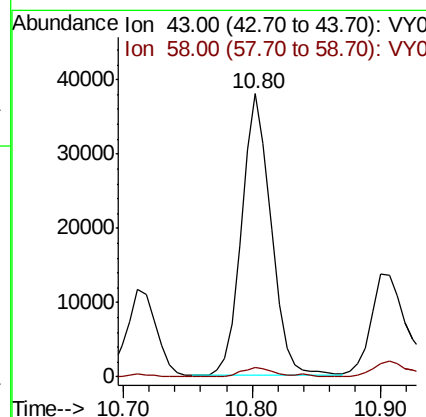
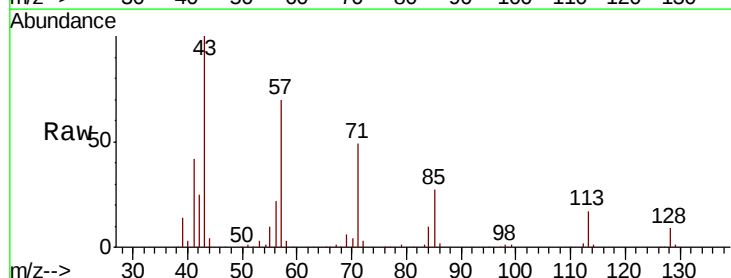
Instrument :
MSVOA_Y
ClientSampleId :
HR-06-020320

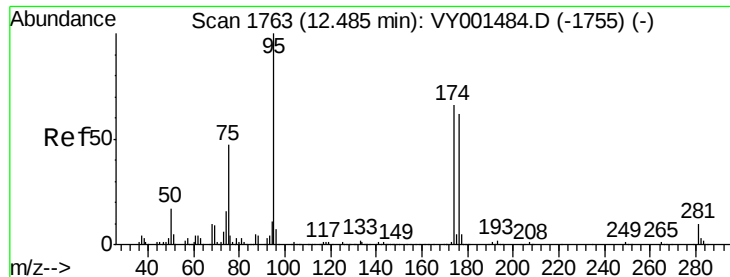
Tot Ion: 69 Resp: 12518
Ion Ratio Lower Upper
69 100
41 157.1 47.8 71.8#
39 75.3 24.4 36.6#



#59
2-Hexanone
Concen: 58.223 ug/l
RT: 10.80 min Scan# 1487
Delta R.T. -0.04 min
Lab File: VY001491.D
Acq: 04 Feb 2020 16:59

Tgt Ion: 43 Resp: 60027
Ion Ratio Lower Upper
43 100
58 3.7 29.0 87.0#

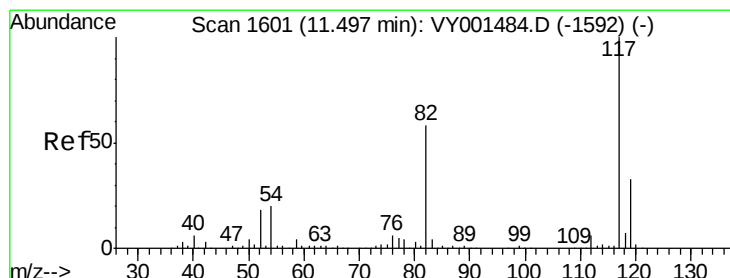
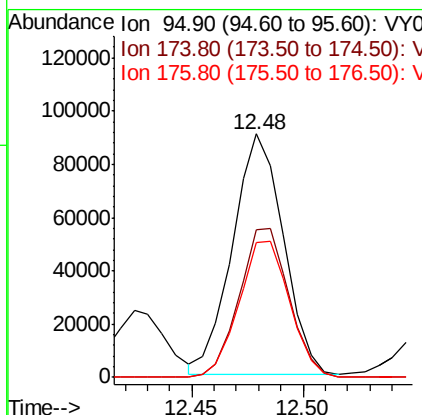
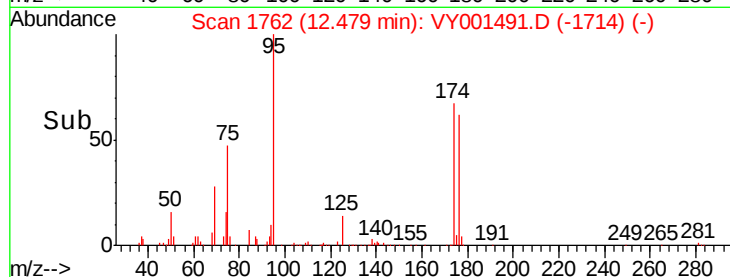
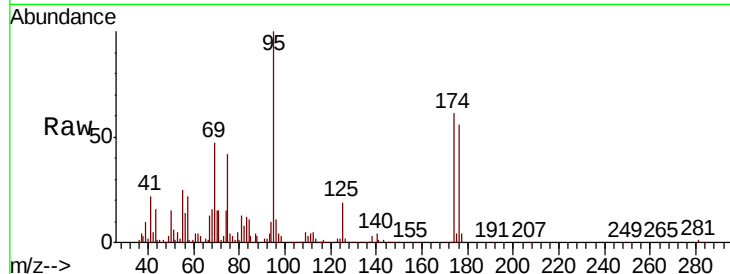




#62
4-Bromofluorobenzene
Concen: 51.133 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY001491.D
Acq: 04 Feb 2020 16:59

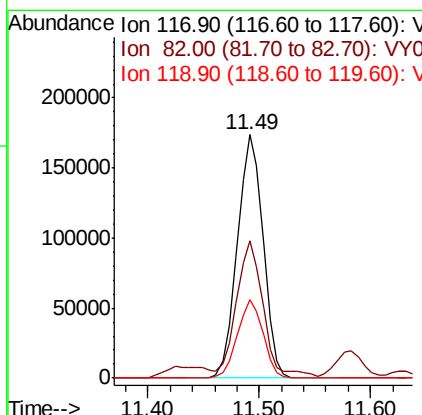
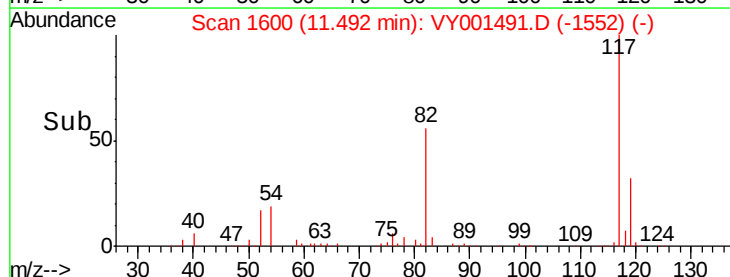
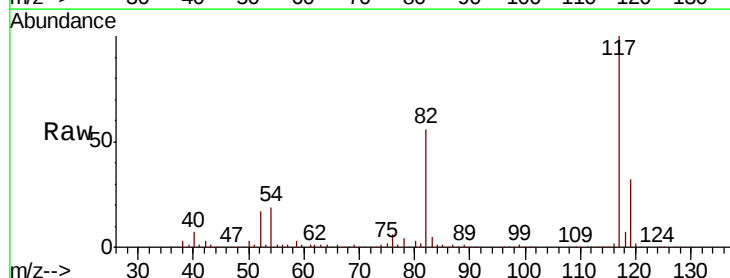
Instrument :
MSVOA_Y
ClientSampleId :
HR-06-020320

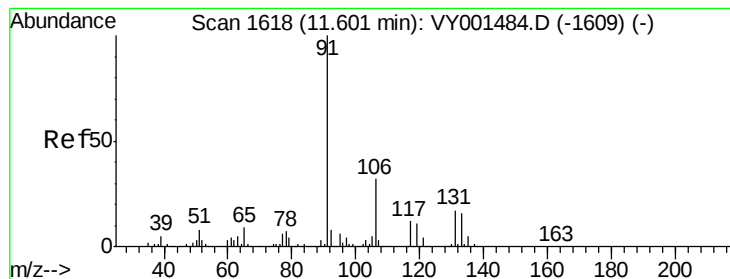
Tot Ion: 95 Resp: 144312
Ion Ratio Lower Upper
95 100
174 60.5 0.0 141.4
176 56.2 0.0 135.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001491.D
Acq: 04 Feb 2020 16:59

Tgt Ion: 117 Resp: 278127
Ion Ratio Lower Upper
117 100
82 51.9 46.1 69.1
119 32.0 26.1 39.1





#67

Ethyl Benzene

Concen: 107.397 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VY001491.D

Acq: 04 Feb 2020 16:59

Instrument :

MSVOA_Y

ClientSampleId :

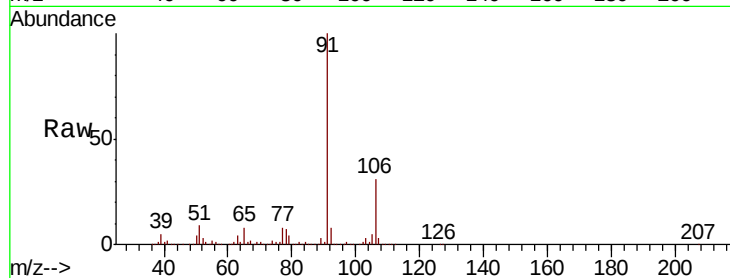
HR-06-020320

Tot Ion: 91 Resp: 1084406

Ion Ratio Lower Upper

91 100

106 31.2 25.3 37.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V

1500000

1000000

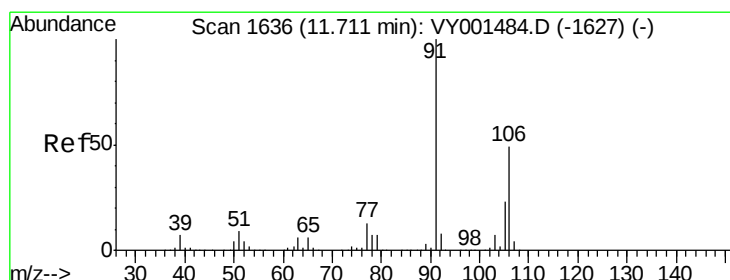
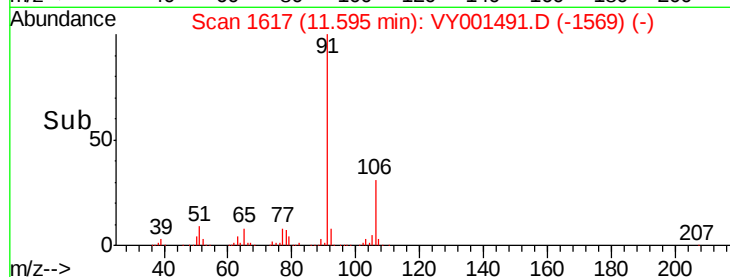
500000

0

11.50

11.60

Time-->



#68

m/p-Xylenes

Concen: 318.135 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VY001491.D

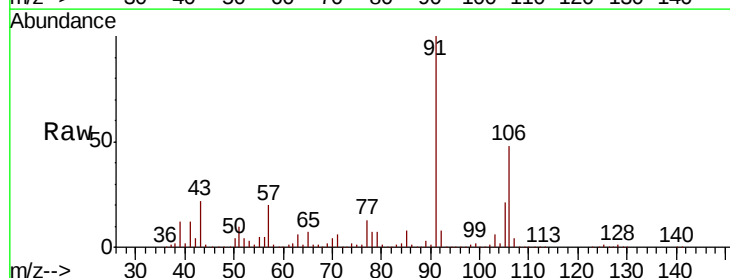
Acq: 04 Feb 2020 16:59

Tgt Ion: 106 Resp: 1205904

Ion Ratio Lower Upper

106 100

91 207.1 163.6 245.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0

1500000

1000000

500000

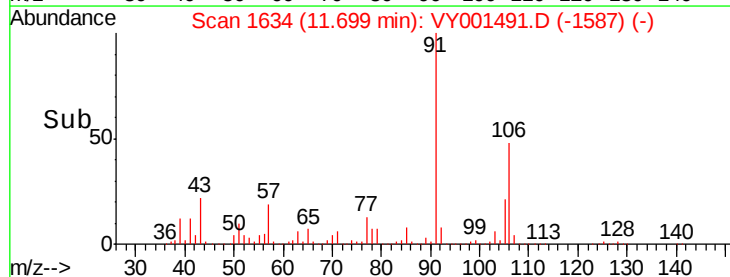
0

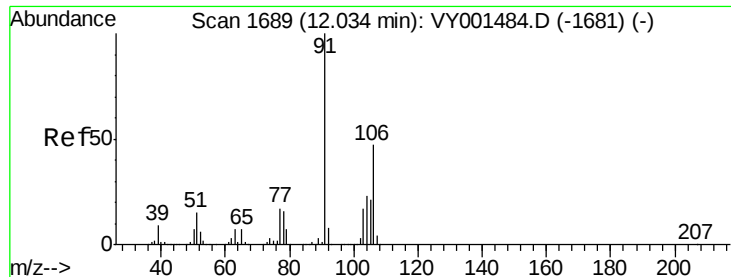
11.60

11.70

11.80

Time-->

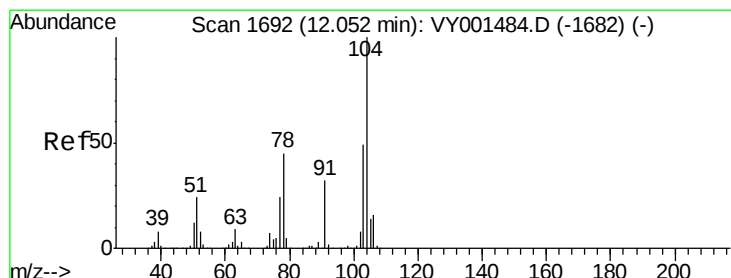
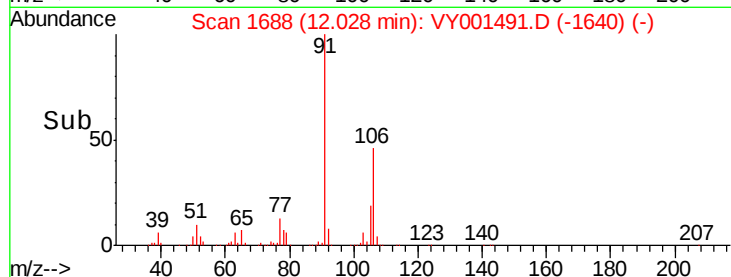
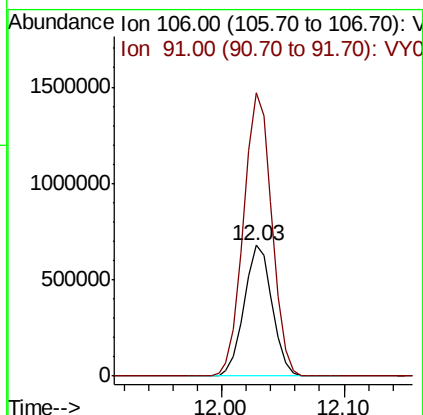
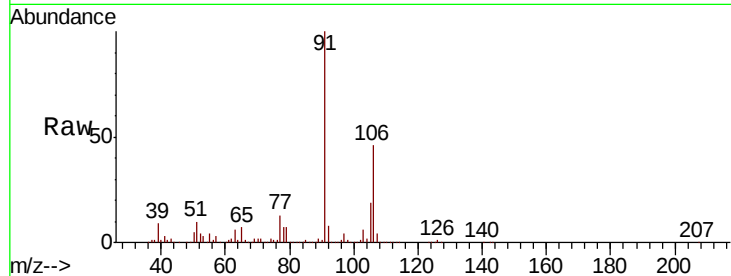




#69
o-Xylene
Concen: 301.569 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY001491.D
Acq: 04 Feb 2020 16:59

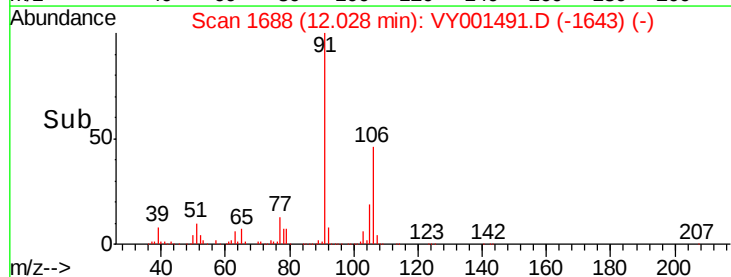
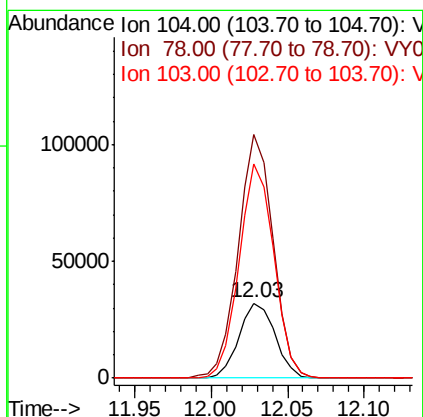
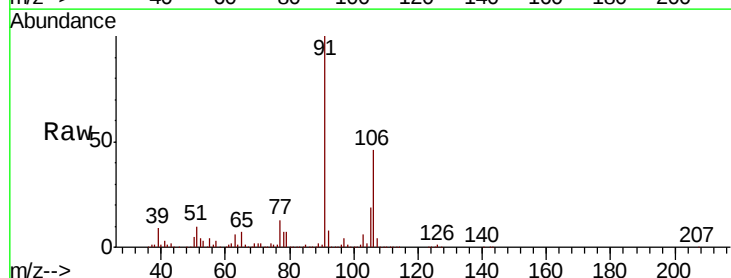
Instrument :
MSVOA_Y
ClientSampleId :
HR-06-020320

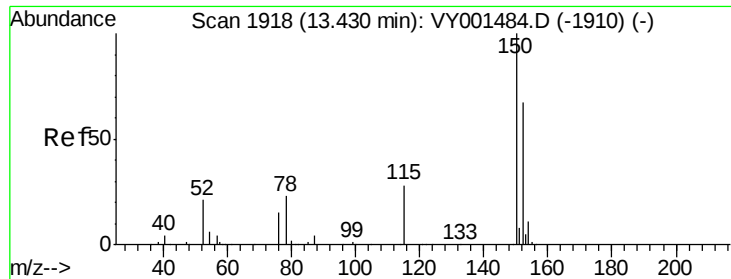
Tot Ion:106 Resp: 1077793
Ion Ratio Lower Upper
106 100
91 218.9 106.0 318.0



#70
Styrene
Concen: 8.573 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.02 min
Lab File: VY001491.D
Acq: 04 Feb 2020 16:59

Tgt Ion:104 Resp: 52985
Ion Ratio Lower Upper
104 100
78 313.3 40.4 60.6#
103 273.7 42.8 64.2#



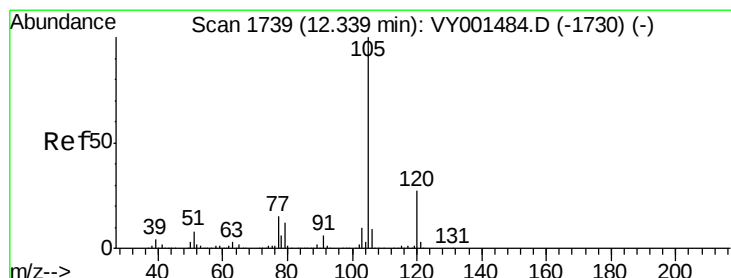
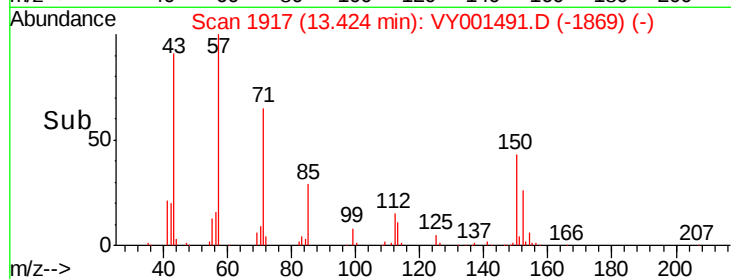
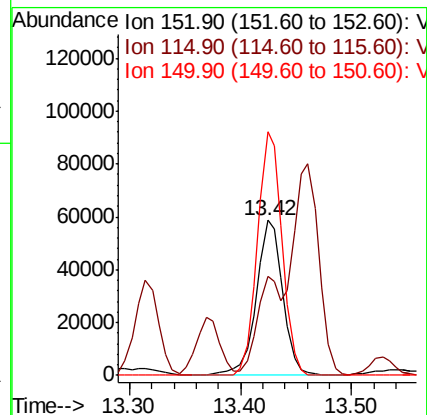
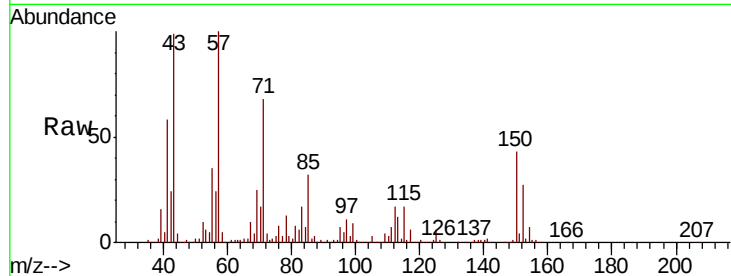


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY001491.D
Acq: 04 Feb 2020 16:59

Instrument :
MSVOA_Y
ClientSampleId :
HR-06-020320

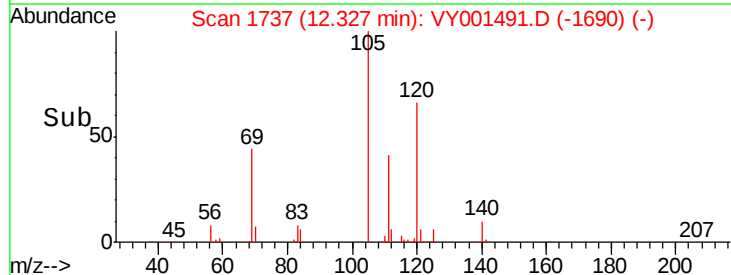
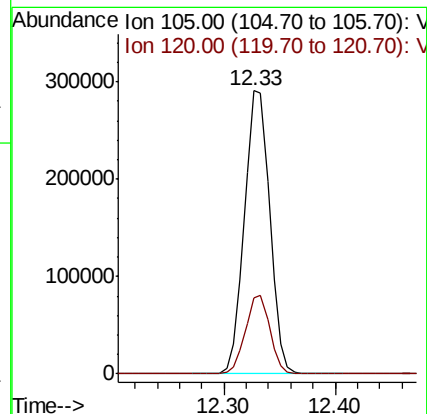
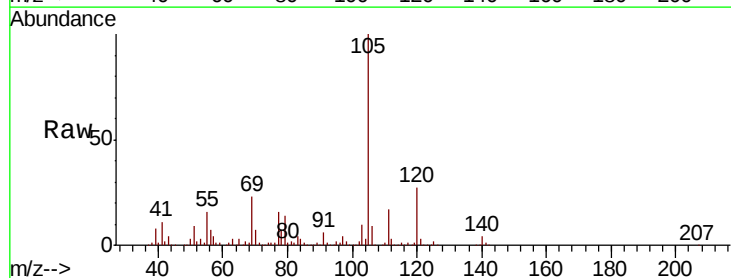
Tot Ion:152 Resp: 96615
Ion Ratio Lower Upper
152 100
115 52.9 31.4 94.3
150 147.0 0.0 346.8

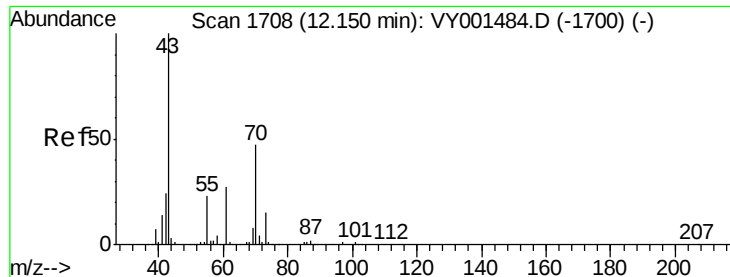


#73

Isopropylbenzene
Concen: 62.226 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.01 min
Lab File: VY001491.D
Acq: 04 Feb 2020 16:59

Tgt Ion:105 Resp: 458520
Ion Ratio Lower Upper
105 100
120 26.9 13.3 39.9





#74

N-amvl acetate

Concen: 113.302 ug/l

RT: 12.13 min Scan# 1704

Delta R.T. -0.02 min

Lab File: VY001491.D

Acq: 04 Feb 2020 16:59

Instrument :

MSVOA_Y

ClientSampleId :

HR-06-020320

Tot Ion: 43 Resp: 216948

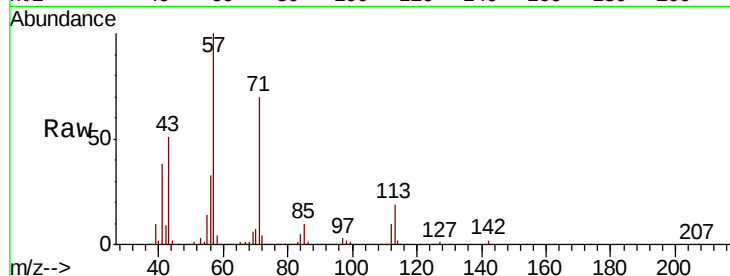
Ion Ratio Lower Upper

43 100

70 11.9 37.2 55.8#

55 11.4 18.8 28.2#

61 0.0 21.4 32.2#

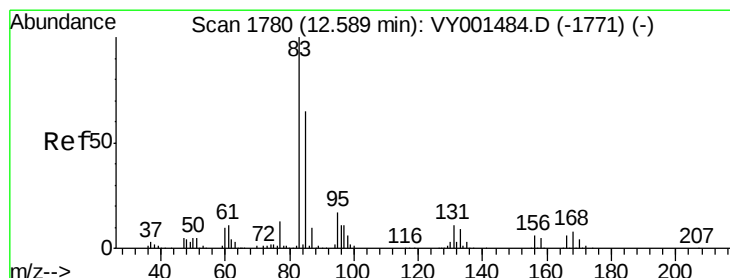
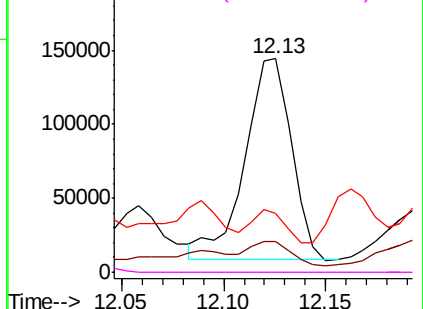
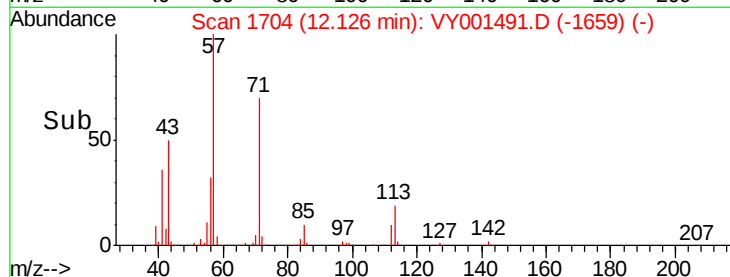


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0



#75

1,1,2,2-Tetrachloroethane

Concen: 51.664 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.06 min

Lab File: VY001491.D

Acq: 04 Feb 2020 16:59

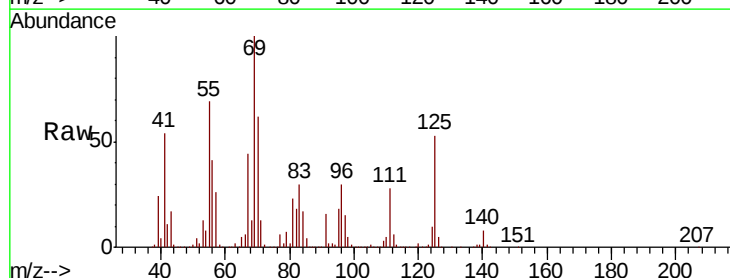
Tgt Ion: 83 Resp: 72329

Ion Ratio Lower Upper

83 100

131 0.0 5.4 16.2#

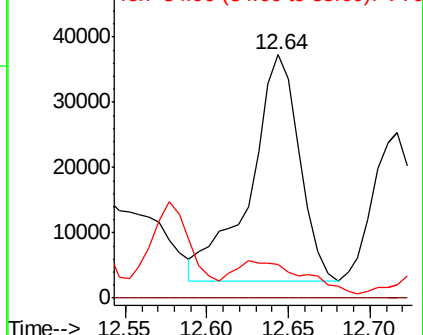
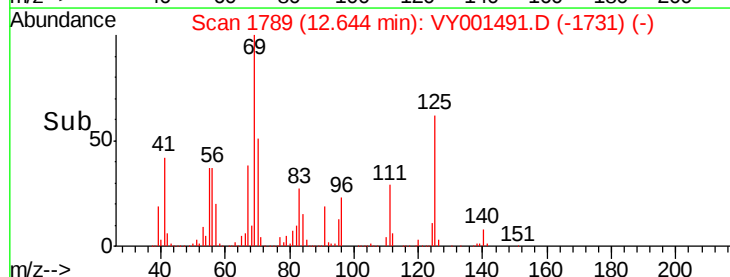
85 0.0 32.0 96.0#

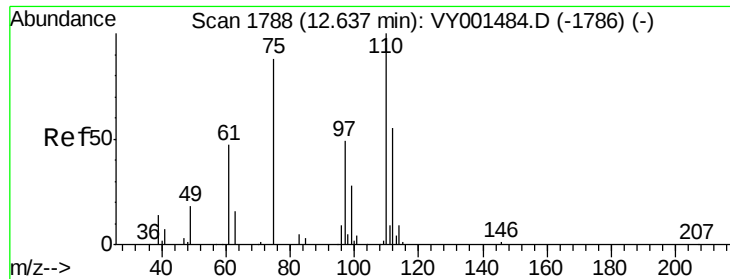


Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VY0

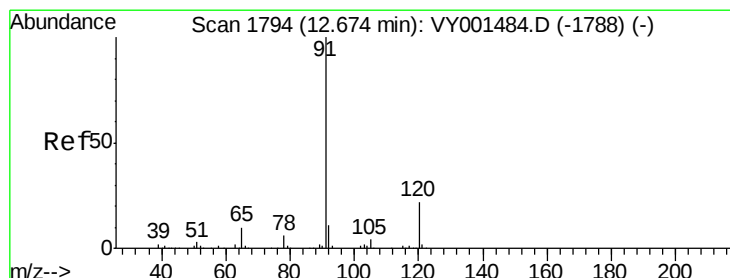
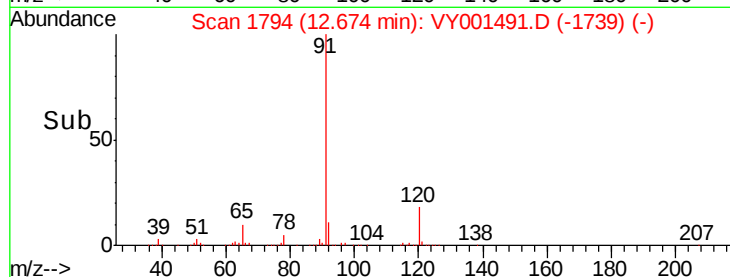
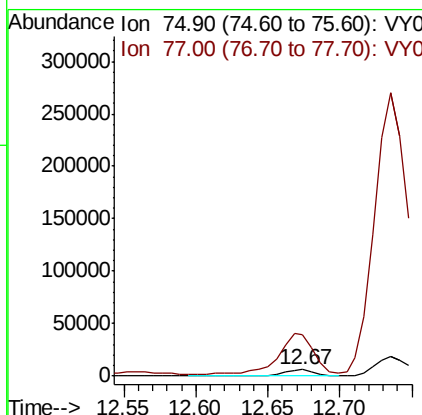
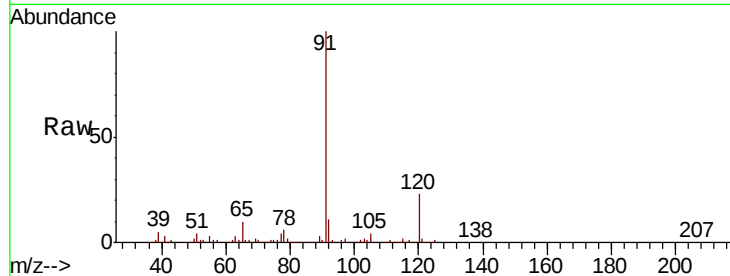




#76
 1,2,3-Trichloropropane
 Concen: 9.062 ug/l
 RT: 12.67 min Scan# 1794
 Delta R.T. 0.04 min
 Lab File: VY001491.D
 Acq: 04 Feb 2020 16:59

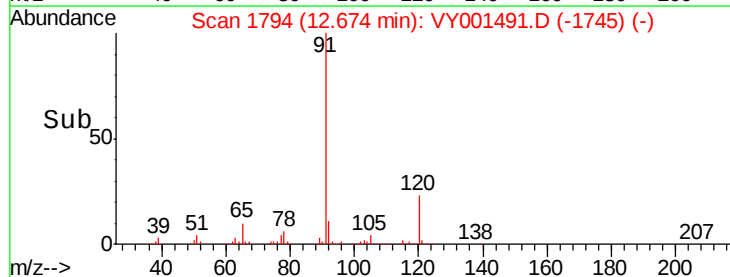
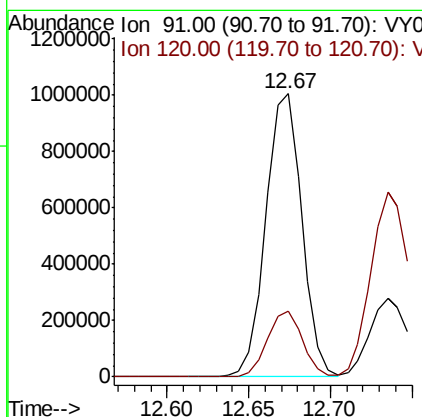
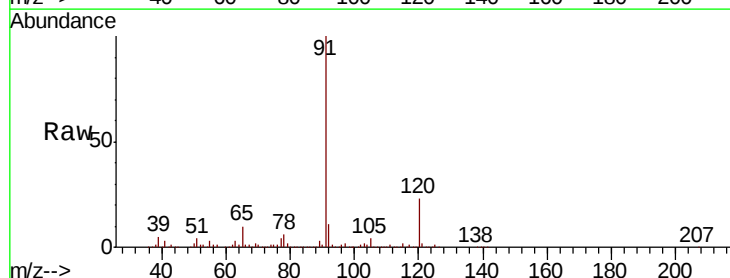
Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-06-020320

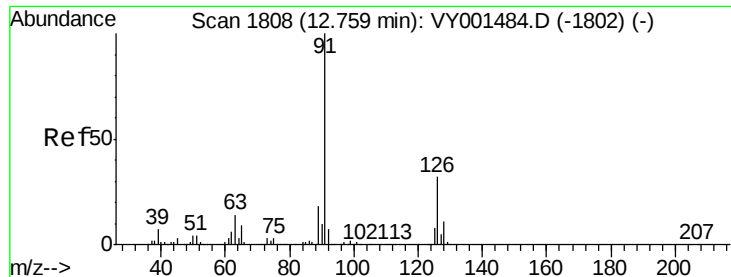
Tot Ion: 75 Resp: 9415
 Ion Ratio Lower Upper
 75 100
 77 692.0 0.0 0.0#



#78
 n-propylbenzene
 Concen: 174.383 ug/l
 RT: 12.67 min Scan# 1794
 Delta R.T. 0.00 min
 Lab File: VY001491.D
 Acq: 04 Feb 2020 16:59

Tgt Ion: 91 Resp: 1538321
 Ion Ratio Lower Upper
 91 100
 120 22.9 11.4 34.2

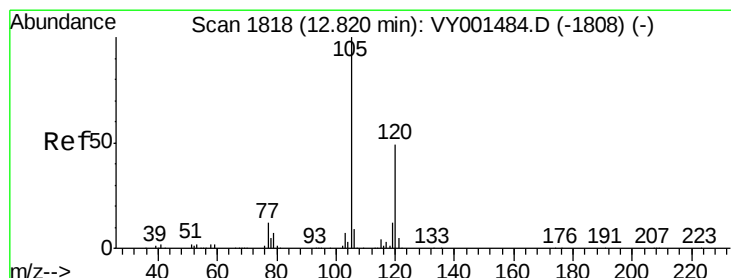
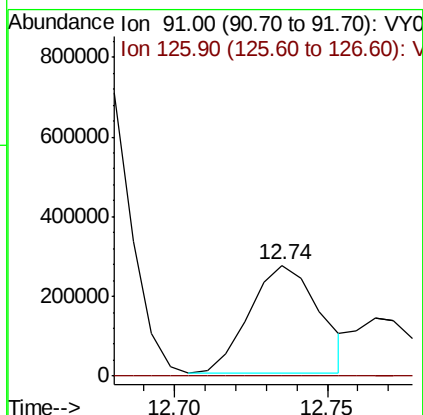
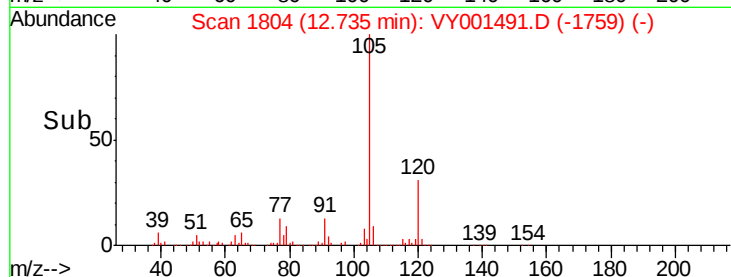
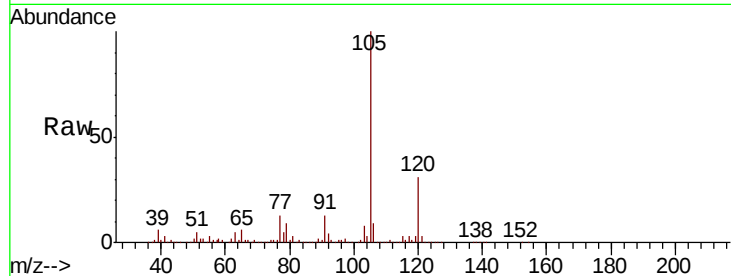




#79
 2-Chlorotoluene
 Concen: 85.982 ug/l
 RT: 12.74 min Scan# 1804
 Delta R.T. -0.02 min
 Lab File: VY001491.D
 Acq: 04 Feb 2020 16:59

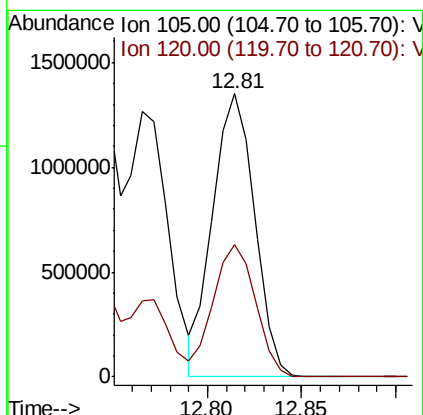
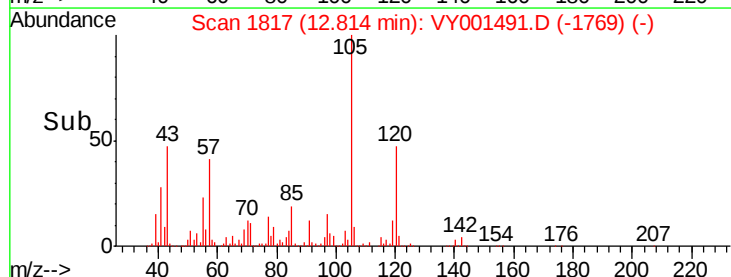
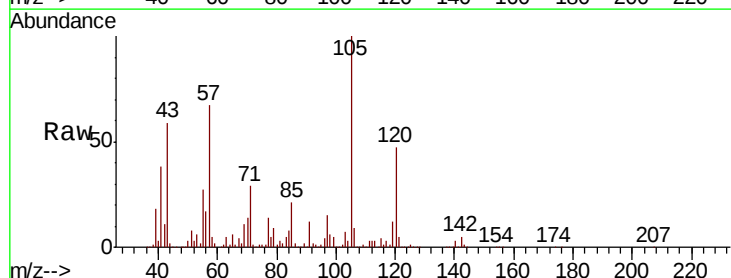
Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-06-020320

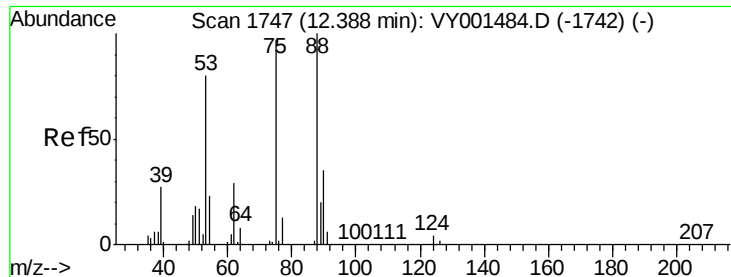
Tot Ion: 91 Resp: 432348
 Ion Ratio Lower Upper
 91 100
 126 0.2 16.4 49.2#



#80
 1,3,5-Trimethylbenzene
 Concen: 336.364 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: VY001491.D
 Acq: 04 Feb 2020 16:59

Tgt Ion: 105 Resp: 2087361
 Ion Ratio Lower Upper
 105 100
 120 47.2 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 9.578 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.06 min

Lab File: VY001491.D

Acq: 04 Feb 2020 16:59

Instrument :

MSVOA_Y

ClientSampleId :

HR-06-020320

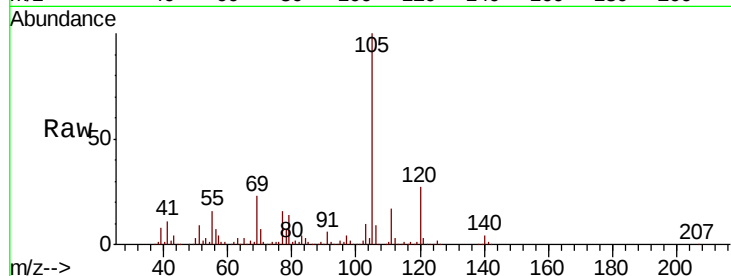
Tot Ion: 75 Resp: 5143

Ion Ratio Lower Upper

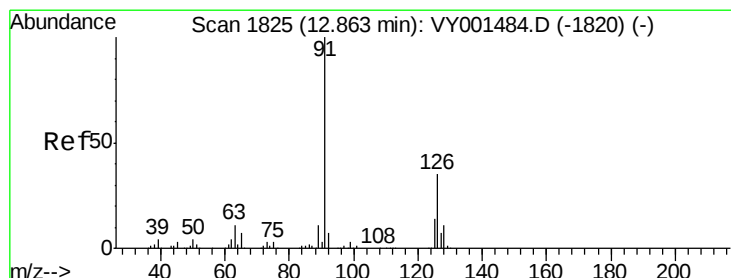
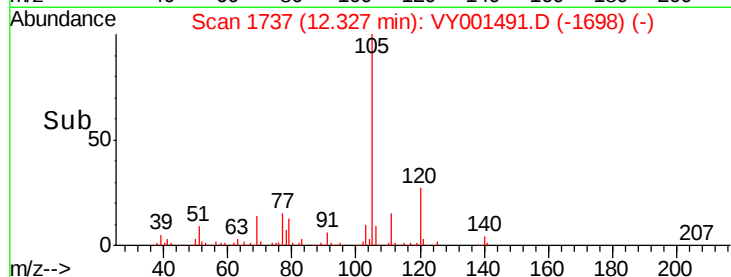
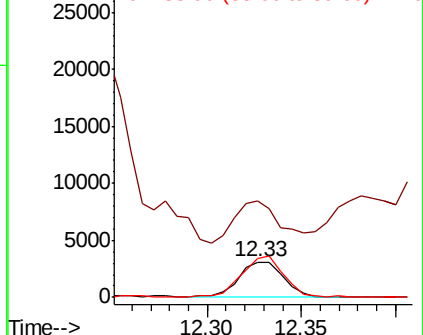
75 100

53 126.7 67.7 101.5#

89 110.4 34.6 52.0#



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



#82

4-Chlorotoluene

Concen: 44.584 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.05 min

Lab File: VY001491.D

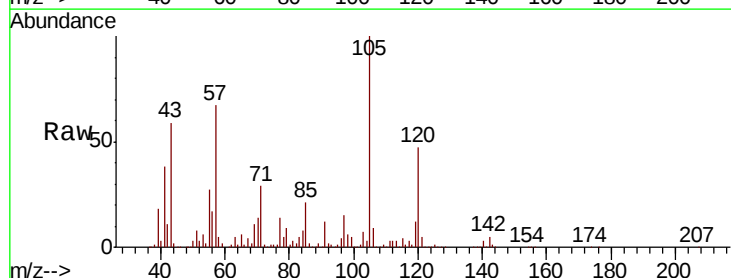
Acq: 04 Feb 2020 16:59

Tgt Ion: 91 Resp: 235050

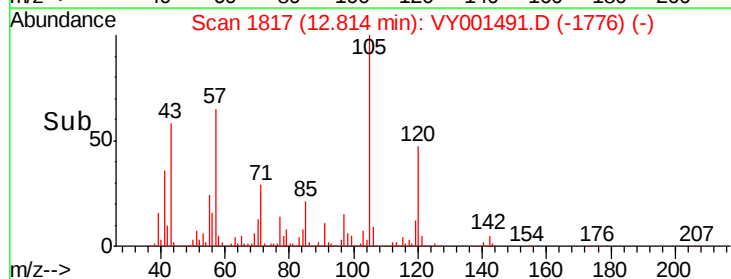
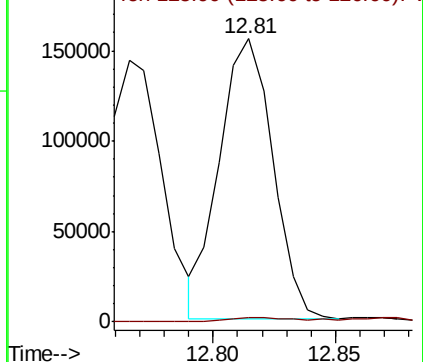
Ion Ratio Lower Upper

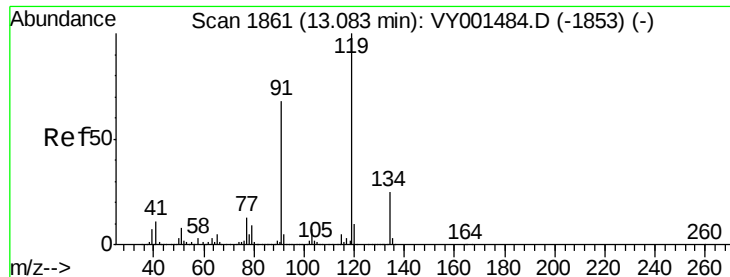
91 100

126 2.0 16.5 49.5#



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V

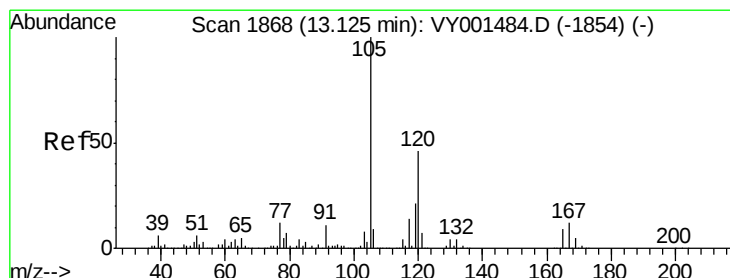
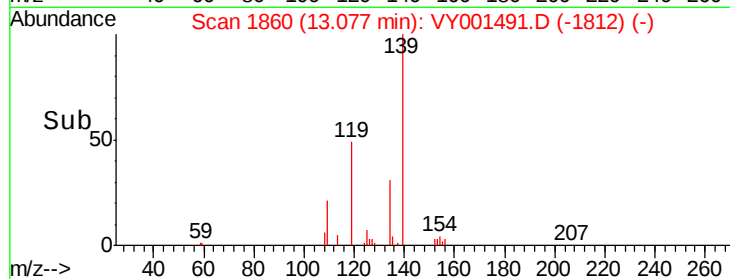
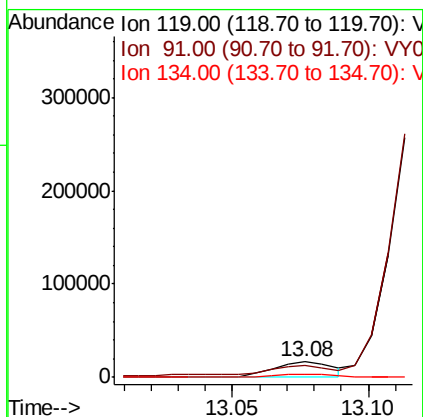
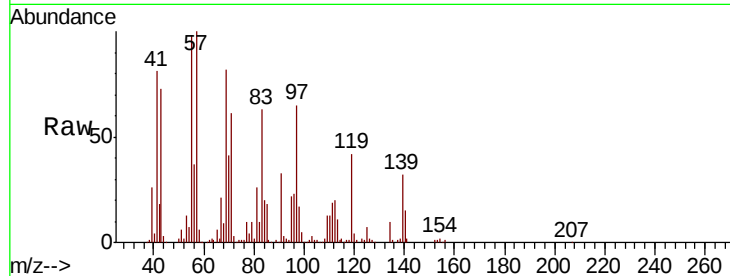




#83
tert-Butylbenzene
Concen: 4.776 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.01 min
Lab File: VY001491.D
Acq: 04 Feb 2020 16:59

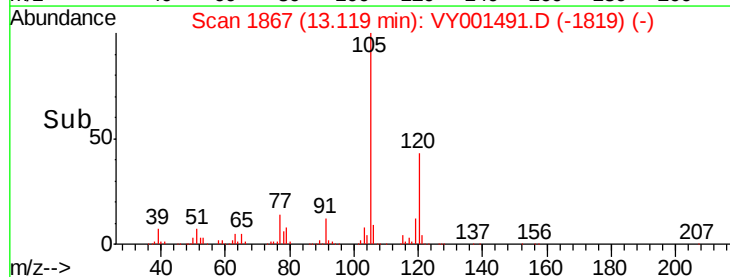
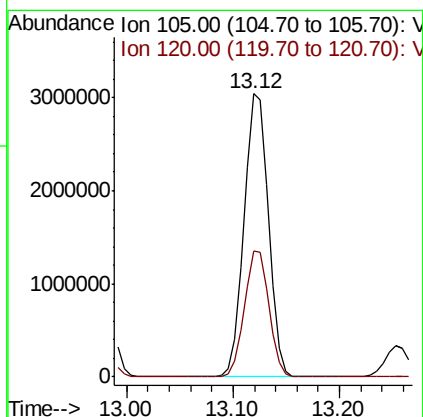
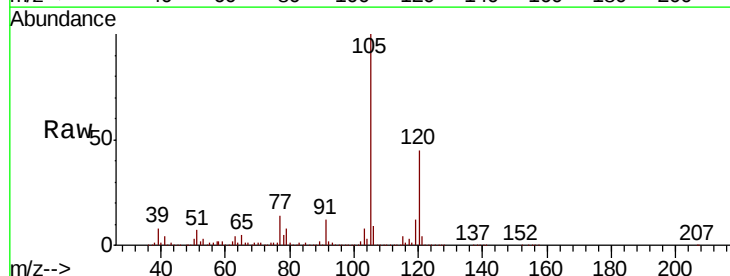
Instrument :
MSVOA_Y
ClientSampleId :
HR-06-020320

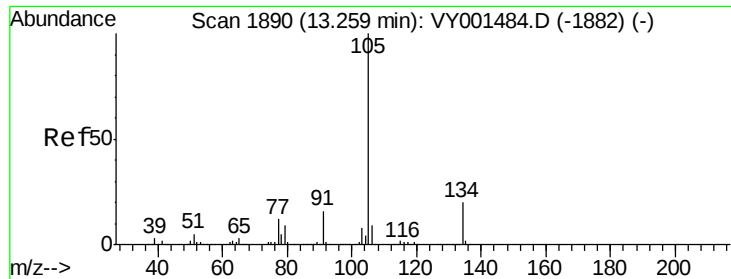
Tot Ion:119 Resp: 25054
Ion Ratio Lower Upper
119 100
91 80.6 33.1 99.3
134 24.3 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 797.864 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.01 min
Lab File: VY001491.D
Acq: 04 Feb 2020 16:59

Tgt Ion:105 Resp: 4900471
Ion Ratio Lower Upper
105 100
120 44.7 22.4 67.0





#85

sec-Butylbenzene

Concen: 69.960 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VY001491.D

Acq: 04 Feb 2020 16:59

Instrument :

MSVOA_Y

ClientSampleId :

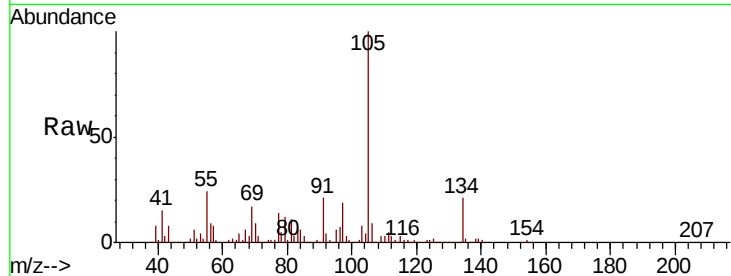
HR-06-020320

Tot Ion:105 Resp: 515958

Ion Ratio Lower Upper

105 100

134 28.8 10.0 29.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

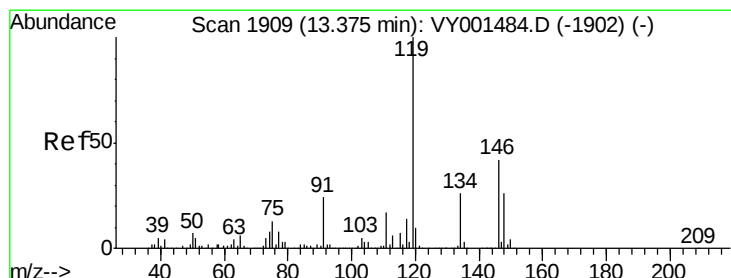
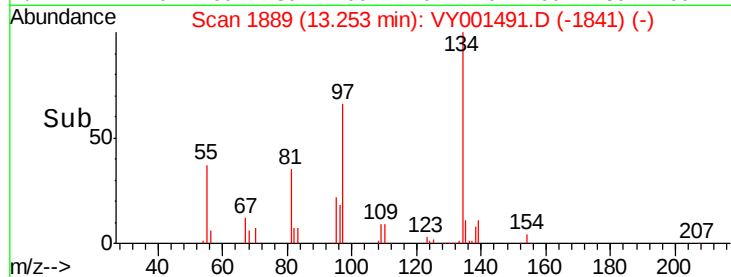
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 67.904 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY001491.D

Acq: 04 Feb 2020 16:59

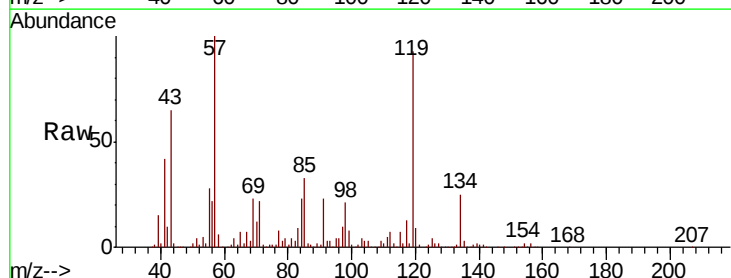
Tgt Ion:119 Resp: 441310

Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.8

91 24.3 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

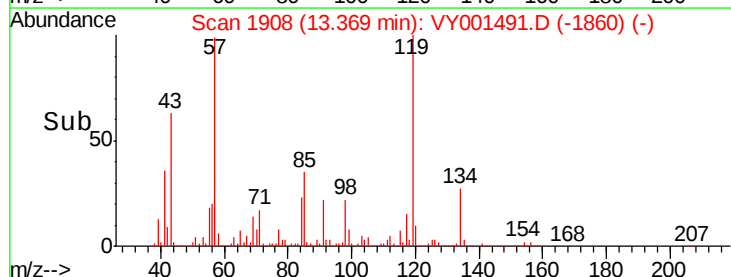
600000

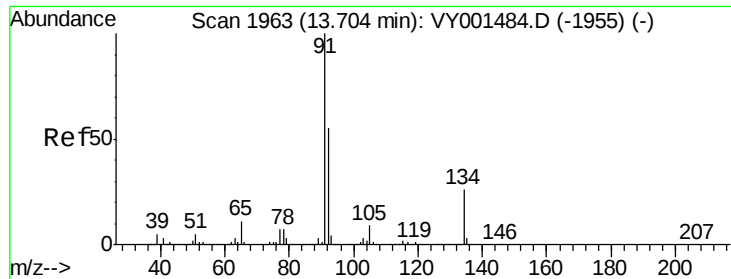
400000

200000

0

Time-->

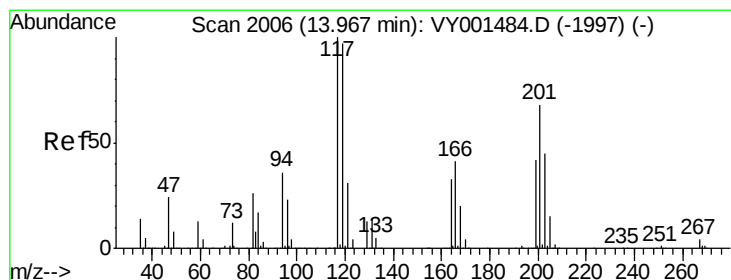
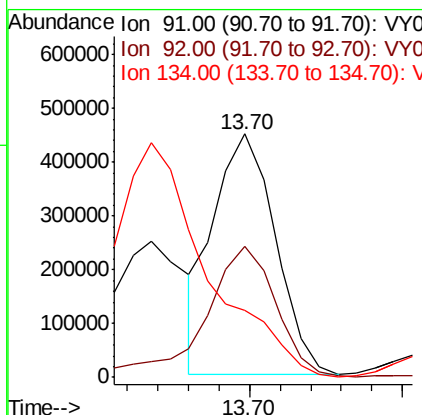
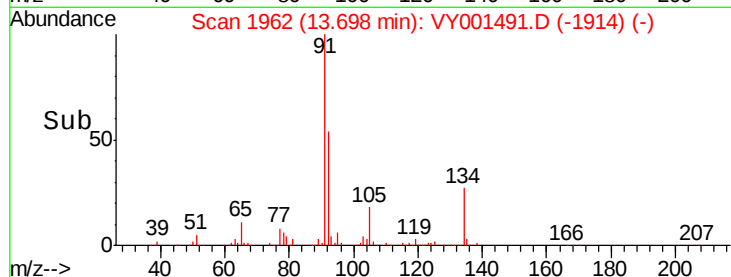
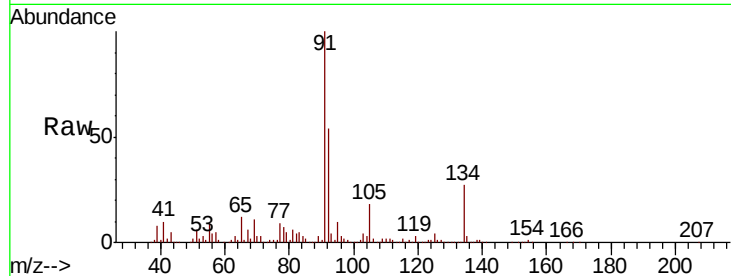




#89
n-Butylbenzene
Concen: 97.278 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY001491.D
Acq: 04 Feb 2020 16:59

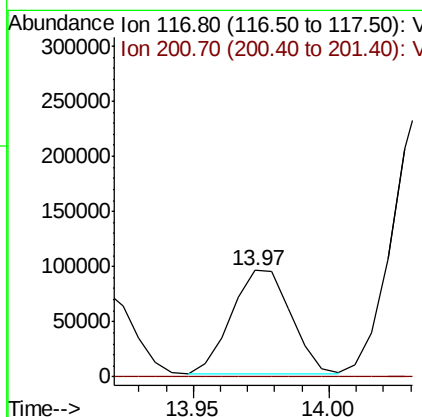
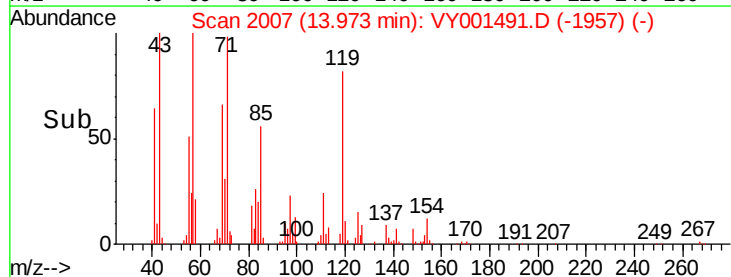
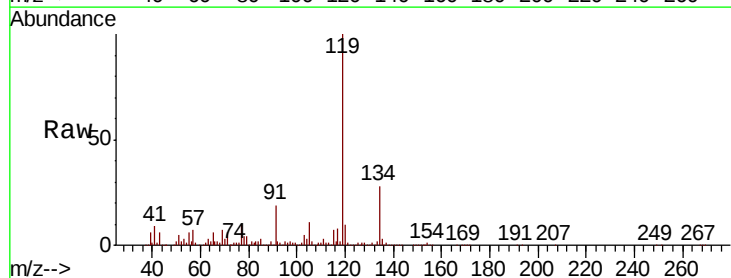
Instrument :
MSVOA_Y
ClientSampleId :
HR-06-020320

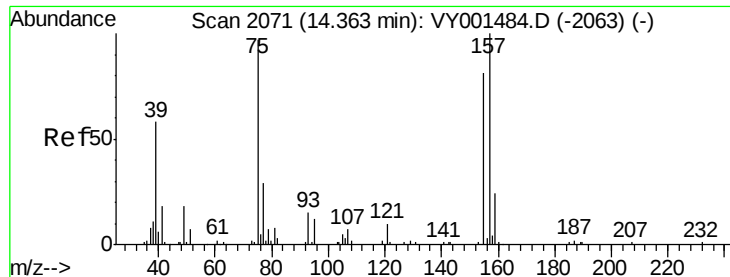
Tot Ion: 91 Resp: 623790
Ion Ratio Lower Upper
91 100
92 62.0 27.3 81.9
134 0.0 13.0 38.9#



#90
Hexachloroethane
Concen: 112.797 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY001491.D
Acq: 04 Feb 2020 16:59

Tgt Ion: 117 Resp: 140703
Ion Ratio Lower Upper
117 100
201 0.0 34.1 102.3#





#92

1,2-Dibromo-3-Chloropropane

Concen: 12.749 ug/l

RT: 14.38 min Scan# 2074

Delta R.T. 0.02 min

Lab File: VY001491.D

Acq: 04 Feb 2020 16:59

Instrument :

MSVOA_Y

ClientSampleId :

HR-06-020320

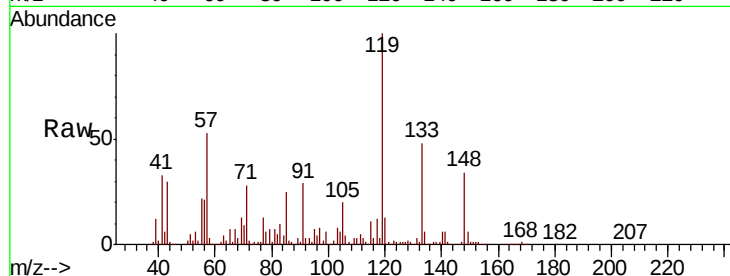
Tot Ion: 75 Resp: 3295

Ion Ratio Lower Upper

75 100

155 48.7 40.7 122.1

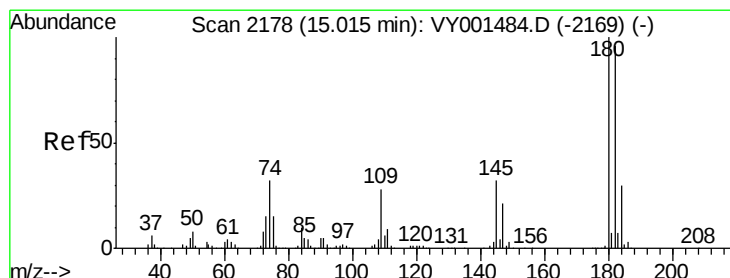
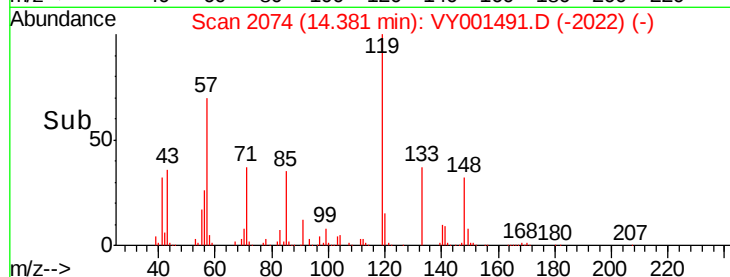
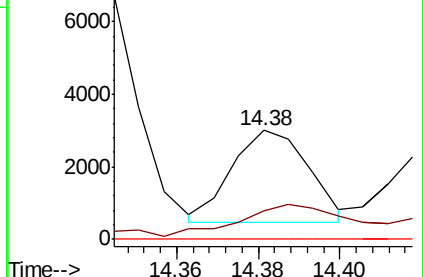
157 0.0 52.3 157.1#



Abundance Ion 74.90 (74.60 to 75.60): VY001484.D (-2063) (-)

Ion 154.80 (154.50 to 155.50): VY001484.D (-2063) (-)

Ion 156.80 (156.50 to 157.50): VY001484.D (-2063) (-)



#93

1,2,4-Trichlorobenzene

Concen: 1.236 ug/l

RT: 15.01 min Scan# 2177

Delta R.T. -0.01 min

Lab File: VY001491.D

Acq: 04 Feb 2020 16:59

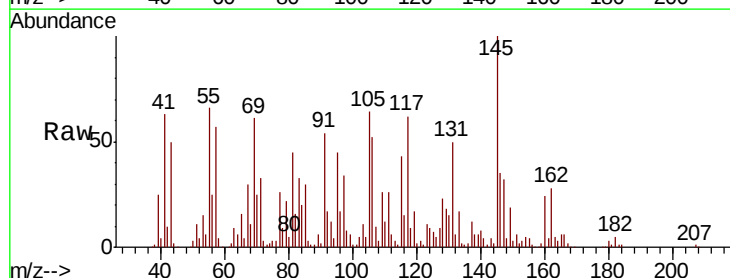
Tgt Ion: 180 Resp: 2306

Ion Ratio Lower Upper

180 100

182 180.6 46.9 140.7#

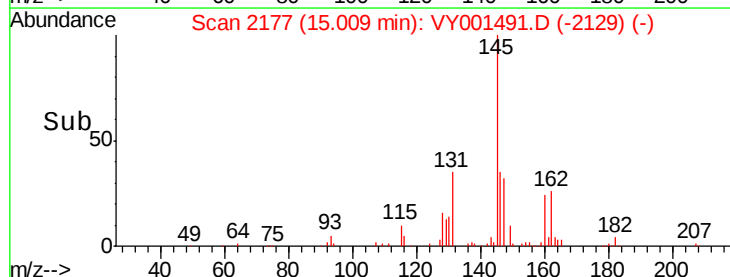
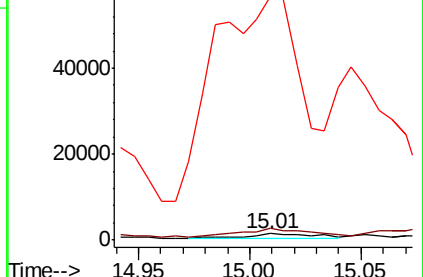
145 6467.6 16.8 50.3#

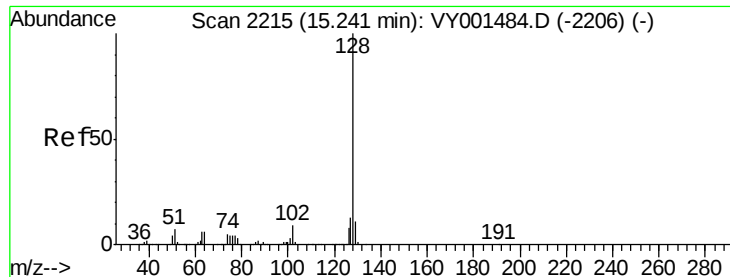


Abundance Ion 179.80 (179.50 to 180.50): VY001484.D (-2169) (-)

Ion 181.80 (181.50 to 182.50): VY001484.D (-2169) (-)

Ion 144.80 (144.50 to 145.50): VY001484.D (-2169) (-)





#95

Naphthalene

Concen: 45.294 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. 0.00 min

Lab File: VY001491.D

Acq: 04 Feb 2020 16:59

Instrument :

MSVOA_Y

ClientSampleId :

HR-06-020320

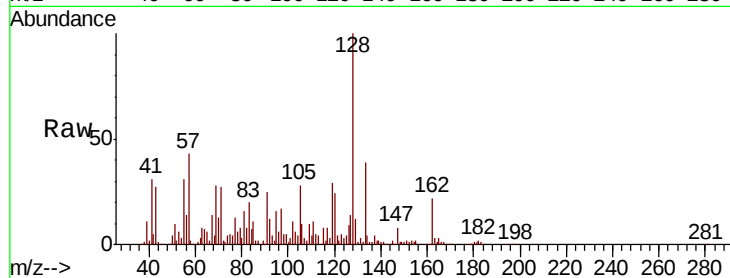
Tot Ion:128 Resp: 198668

Ion Ratio Lower Upper

128 100

127 18.7 10.1 15.1#

129 10.0 8.9 13.3

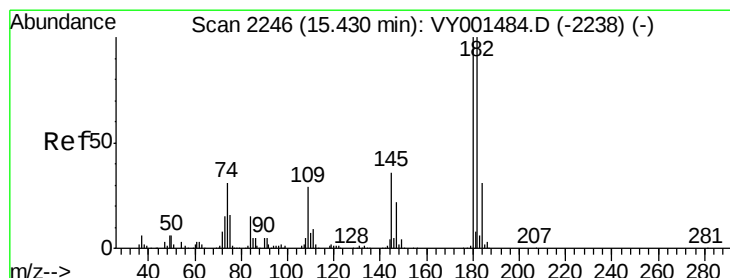
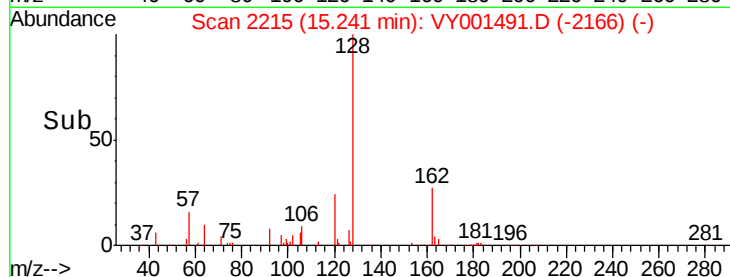
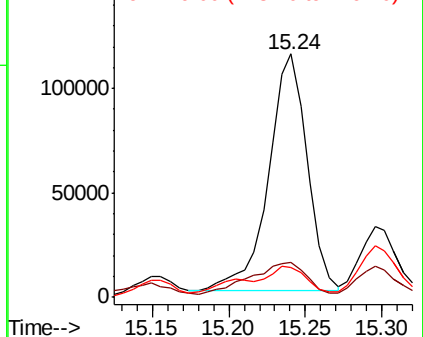


Abundance

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: 2.432 ug/l

RT: 15.45 min Scan# 2249

Delta R.T. 0.02 min

Lab File: VY001491.D

Acq: 04 Feb 2020 16:59

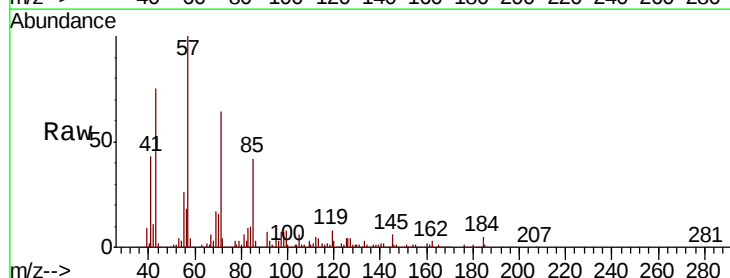
Tgt Ion:180 Resp: 4006

Ion Ratio Lower Upper

180 100

182 0.0 48.0 144.2#

145 0.0 17.8 53.5#



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

