

Data File : VY001947.D
Acq On : 11 Mar 2020 16:46
Operator : SY/MD
Sample : L1893-01RE
Misc : 5.16G/5ML/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-1(0-1)RE

Quant Time: Mar 12 01:59:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	178128	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	321135	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.50	117	252908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	78326	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	105132	55.29	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	110.58%	
35) Dibromofluoromethane	7.74	113	98534	56.19	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	112.38%	
50) Toluene-d8	10.19	98	382620	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	
62) 4-Bromofluorobenzene	12.49	95	98304	38.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.46%	

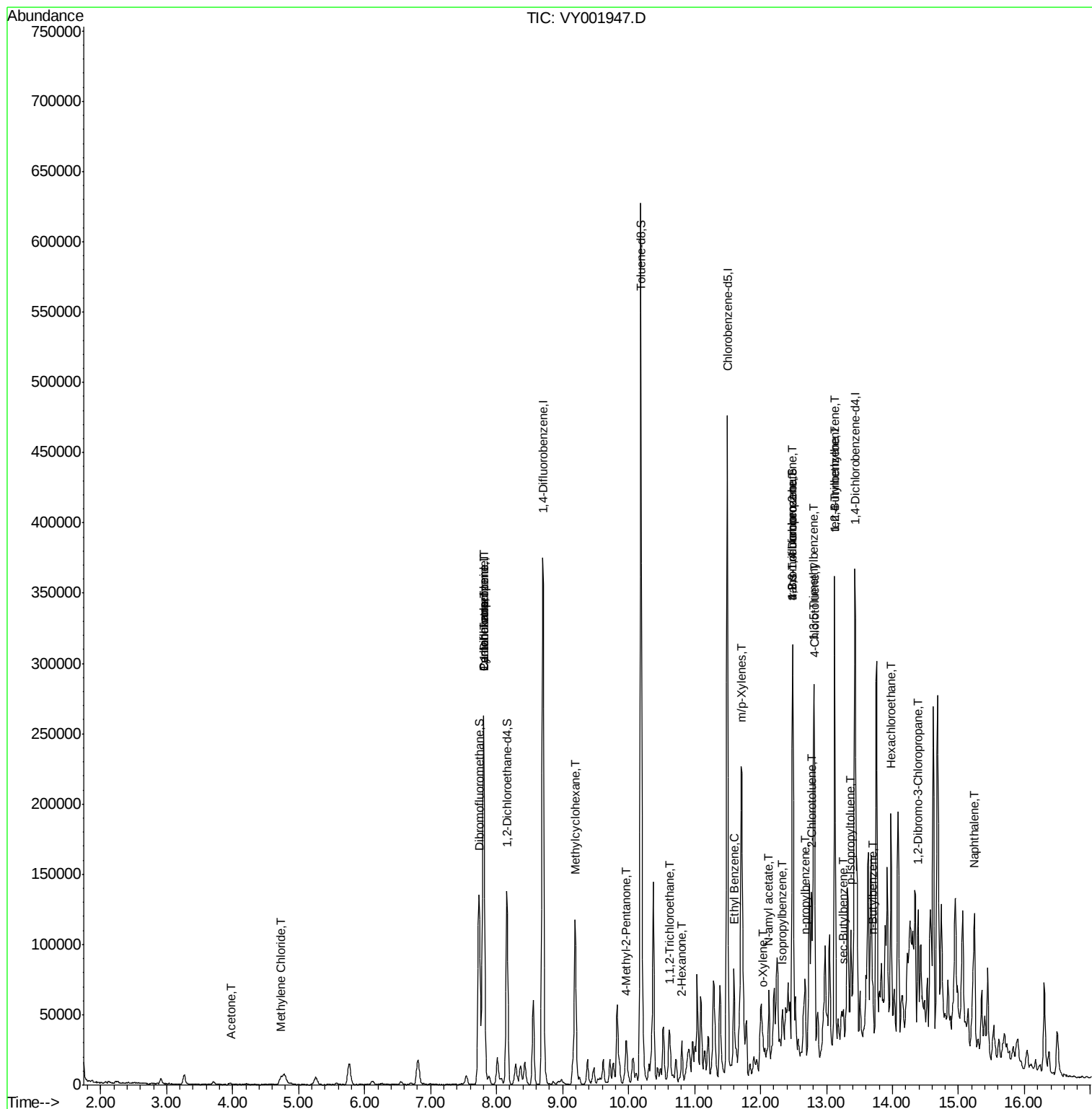
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.69	94	21	Below Cal		87
11) Tert butyl alcohol	4.97	59	44	Below Cal	#	74
16) Acetone	3.97	43	1215	2.194	ug/l	97
20) Methylene Chloride	4.74	84	3476	1.464	ug/l #	78
31) Cyclohexane	7.80	56	21542	5.155	ug/l #	73
36) 1,1-Dichloropropene	7.80	75	13689	4.430	ug/l #	52
38) Carbon Tetrachloride	7.80	117	19360	7.334	ug/l #	16
39) Methylcyclohexane	9.19	83	52449	12.796	ug/l	95
51) 4-Methyl-2-Pentanone	9.97	43	13519	7.719	ug/l #	42
55) 1,1,2-Trichloroethane	10.63	97	10761	6.197	ug/l #	19
58) 2-Chloroethyl Vinyl ether	9.77	63	131	Below Cal	#	48
59) 2-Hexanone	10.81	43	10327	8.261	ug/l #	28
67) Ethyl Benzene	11.59	91	43590	4.638	ug/l	100
68) m/p-Xylenes	11.70	106	38670	11.129	ug/l	98
69) o-Xylene	12.03	106	3532	1.078	ug/l	94
73) Isopropylbenzene	12.33	105	17641	2.950	ug/l	100
74) N-amyl acetate	12.13	43	11110	6.046	ug/l #	55
76) 1,2,3-Trichloropropane	12.49	75	47805	51.437	ug/l #	100
78) n-propylbenzene	12.68	91	39219	5.317	ug/l	95
79) 2-Chlorotoluene	12.77	91	6543	1.605	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.81	105	41077	8.345	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.49	75	47805	103.900	ug/l #	17
82) 4-Chlorotoluene	12.82	91	5036	1.187	ug/l #	46
83) tert-Butylbenzene	13.13	119	23159	5.665	ug/l #	74
84) 1,2,4-Trimethylbenzene	13.13	105	175815	35.991	ug/l	99
85) sec-Butylbenzene	13.26	105	10220	1.696	ug/l #	63
86) p-Isopropyltoluene	13.38	119	21119	4.063	ug/l	98
89) n-Butylbenzene	13.70	91	29119	5.399	ug/l #	68
90) Hexachloroethane	13.98	117	6959	7.096	ug/l #	18
92) 1,2-Dibromo-3-Chloropropan	14.39	75	360	1.789	ug/l #	1
95) Naphthalene	15.24	128	70004	20.179	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001947.D

Acq: 11 Mar 2020 16:46

Instrument :

MSVOA_Y

ClientSampleId :

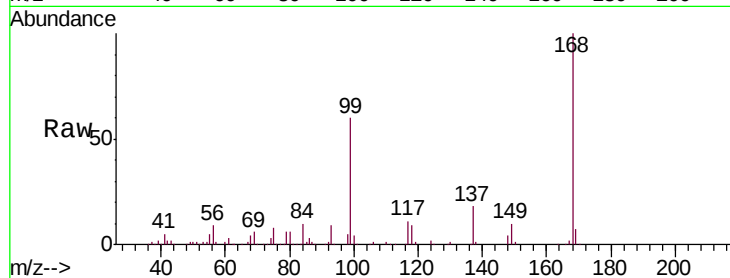
TP-1(0-1)RE

Tgt Ion:168 Resp: 178128

Ion Ratio Lower Upper

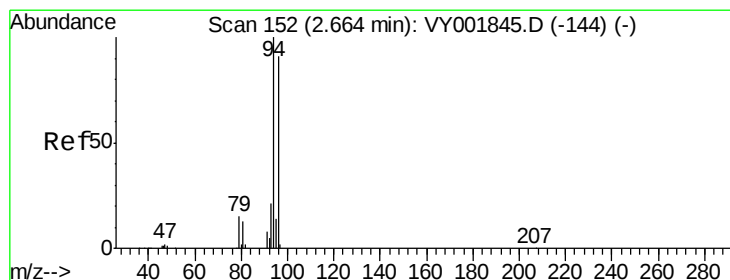
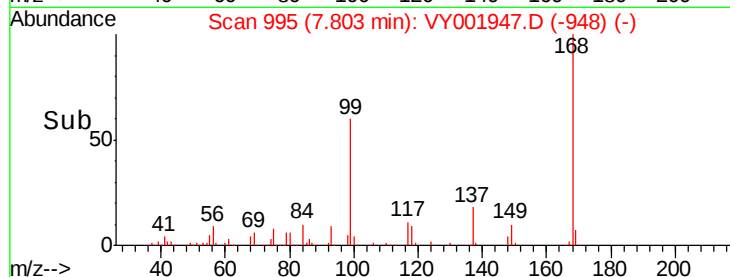
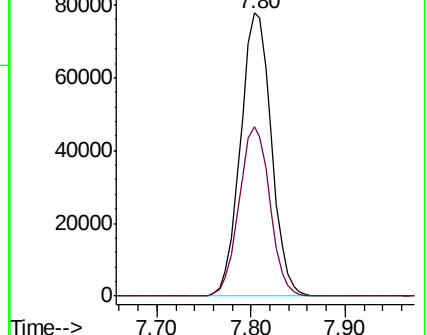
168 100

99 60.1 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)



#5

Bromomethane

Concen: Below Cal

RT: 2.69 min Scan# 156

Delta R.T. 0.03 min

Lab File: VY001947.D

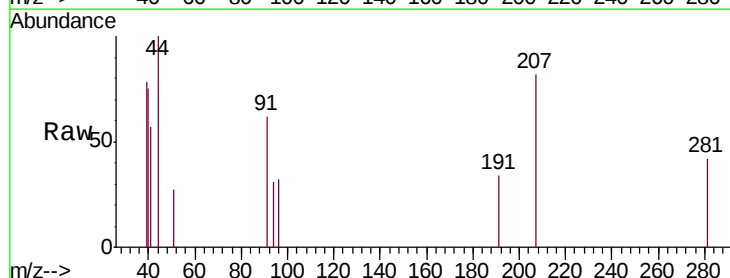
Acq: 11 Mar 2020 16:46

Tgt Ion: 94 Resp: 21

Ion Ratio Lower Upper

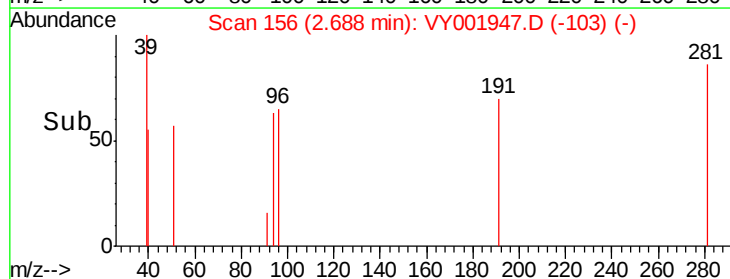
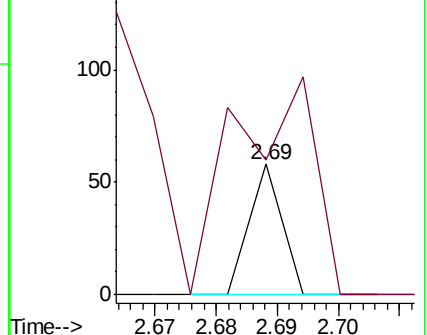
94 100

96 103.4 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VY001845.D (-144) (-)

Ion 95.90 (95.60 to 96.60): VY001845.D (-144) (-)



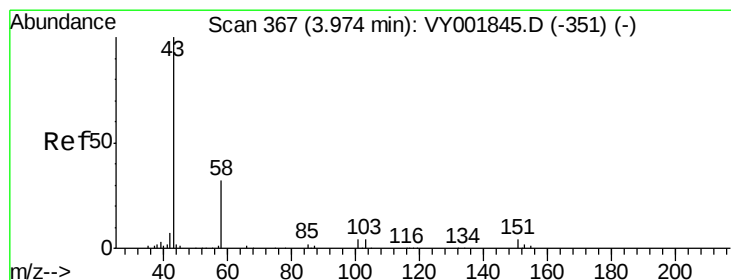
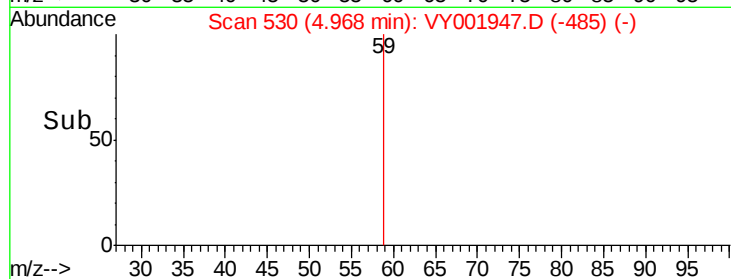
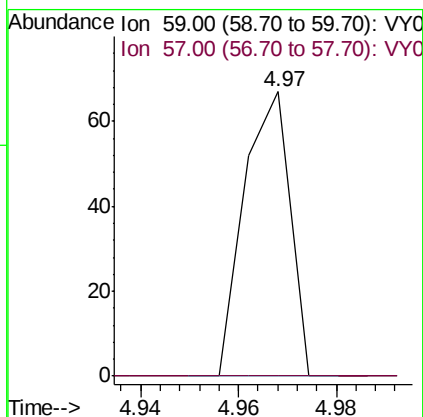
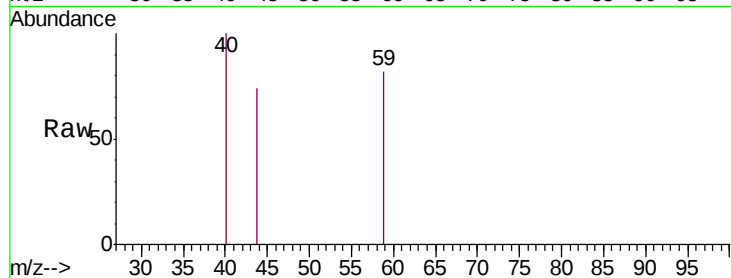


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 4.97 min Scan# 530
 Delta R.T. -0.02 min
 Lab File: VY001947.D
 Acq: 11 Mar 2020 16:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1(0-1)RE

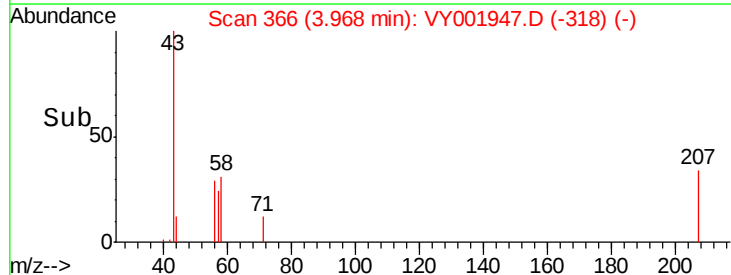
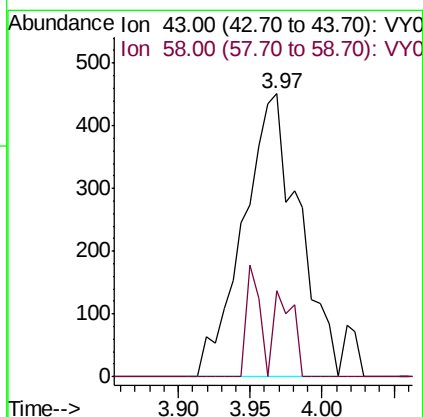
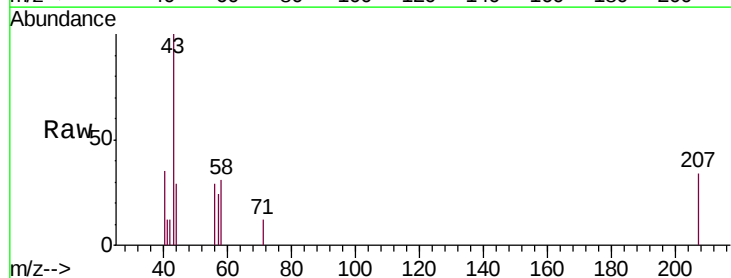
Tgt Ion: 59 Resp: 44
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.4 11.2#

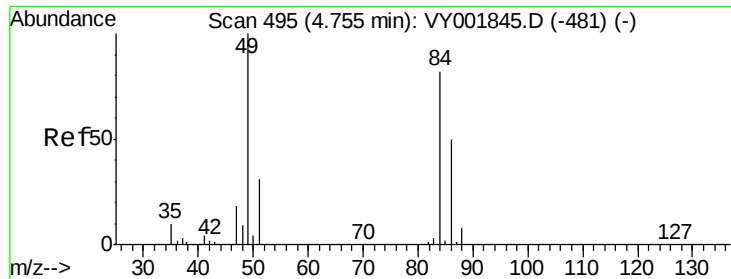


#16

Acetone
 Concen: 2.194 ug/l
 RT: 3.97 min Scan# 366
 Delta R.T. -0.01 min
 Lab File: VY001947.D
 Acq: 11 Mar 2020 16:46

Tgt Ion: 43 Resp: 1215
 Ion Ratio Lower Upper
 43 100
 58 30.6 25.9 38.9

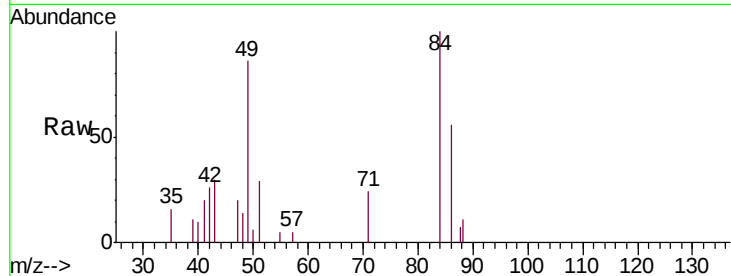




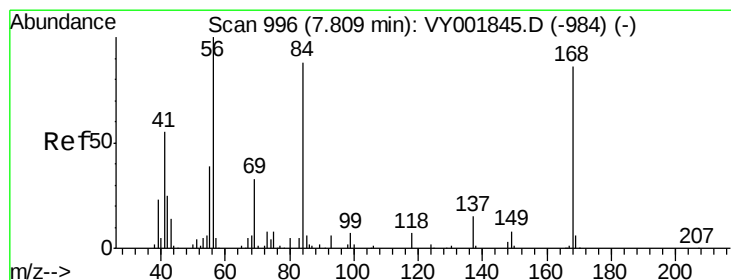
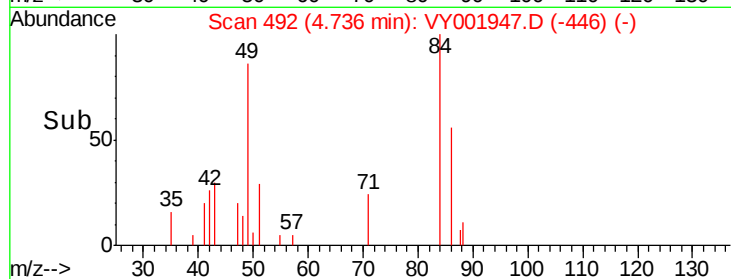
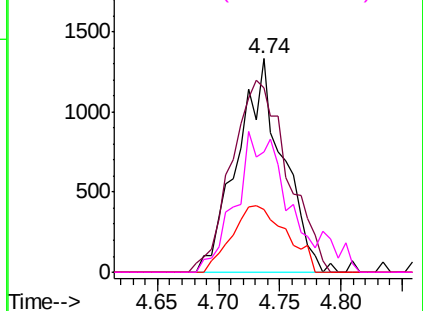
#20
Methylene Chloride
Concen: 1.464 ug/l
RT: 4.74 min Scan# 492
Delta R.T. -0.02 min
Lab File: VY001947.D
Acq: 11 Mar 2020 16:46

Instrument :
MSVOA_Y
ClientSampleId :
TP-1(0-1)RE

Tgt Ion:	84	Resp:	3476
Ion	Ratio	Lower	Upper
84	100		
49	86.3	98.2	147.2#
51	29.1	30.2	45.2#
86	56.5	48.9	73.3

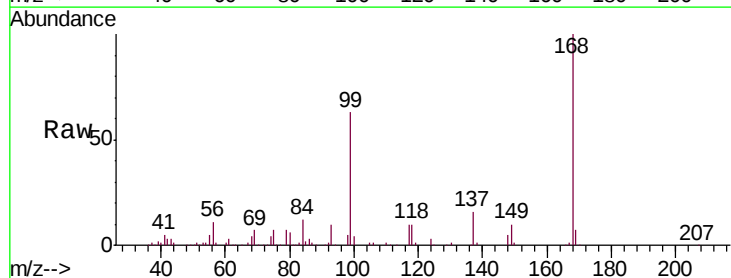


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

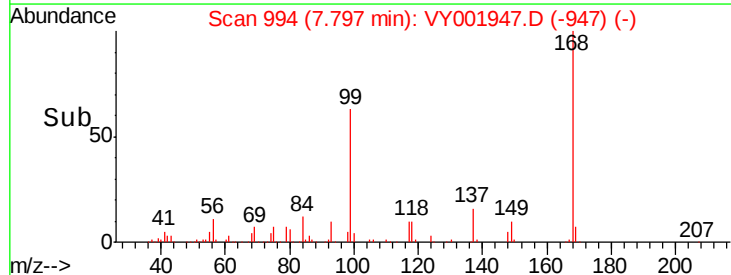
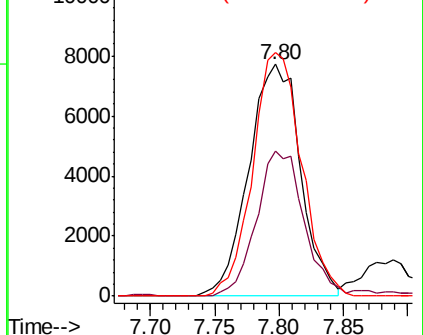


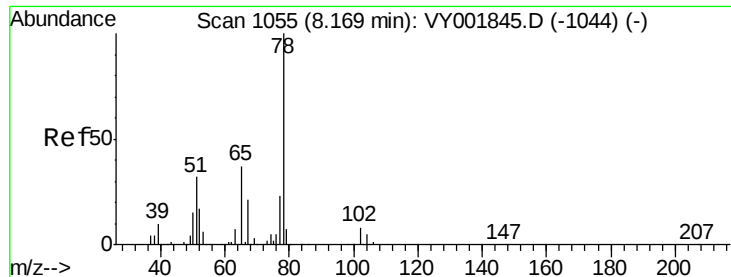
#31
Cyclohexane
Concen: 5.155 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY001947.D
Acq: 11 Mar 2020 16:46

Tgt Ion:	56	Resp:	21542
Ion	Ratio	Lower	Upper
56	100		
69	62.4	26.7	40.1#
84	105.1	70.4	105.6



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: 55.285 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY001947.D

Acq: 11 Mar 2020 16:46

Instrument :

MSVOA_Y

ClientSampled :

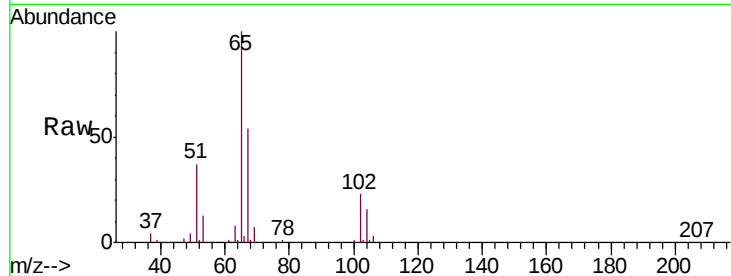
TP-1(0-1)RE

Tgt Ion: 65 Resp: 105132

Ion Ratio Lower Upper

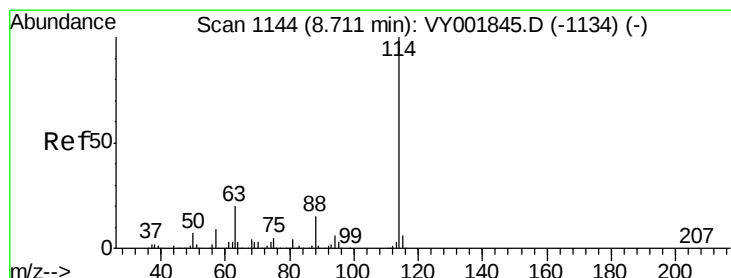
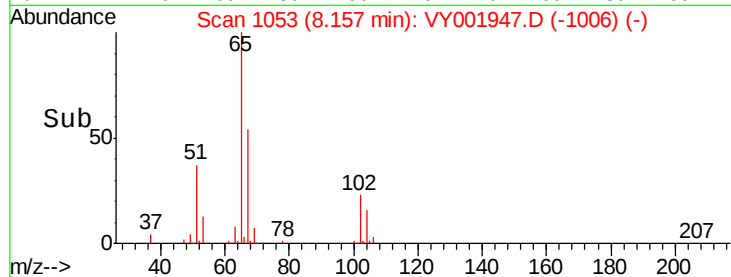
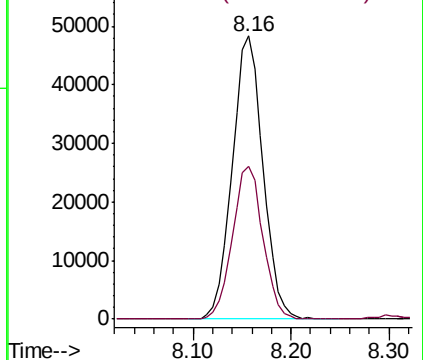
65 100

67 53.5 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY001947.D

Acq: 11 Mar 2020 16:46

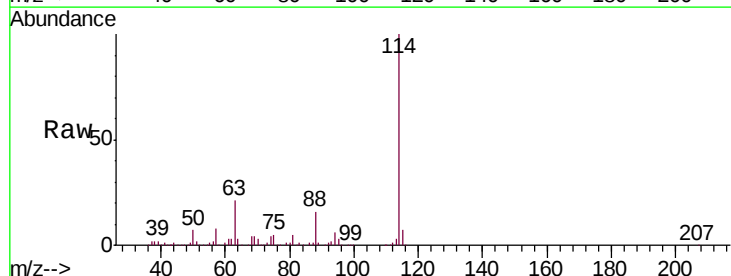
Tgt Ion: 114 Resp: 321135

Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.4

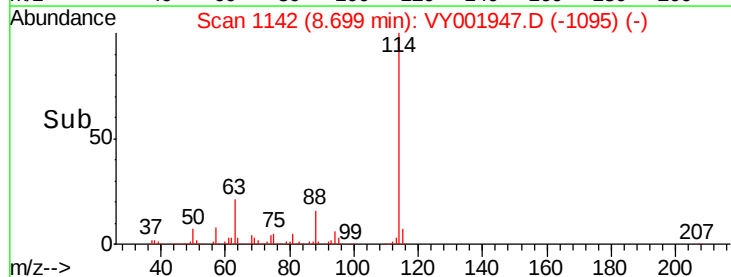
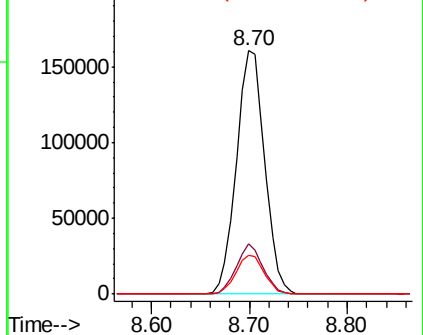
88 16.1 0.0 30.4

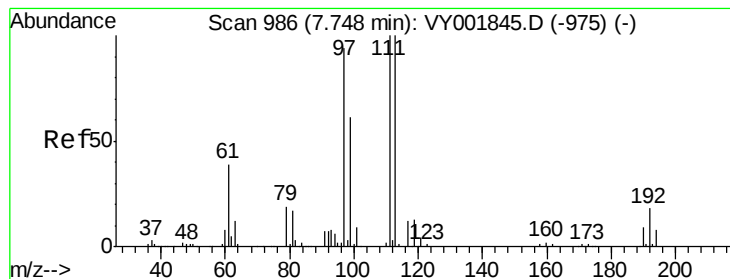


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 56.191 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY001947.D

Acq: 11 Mar 2020 16:46

Instrument :

MSVOA_Y

ClientSampled :

TP-1(0-1)RE

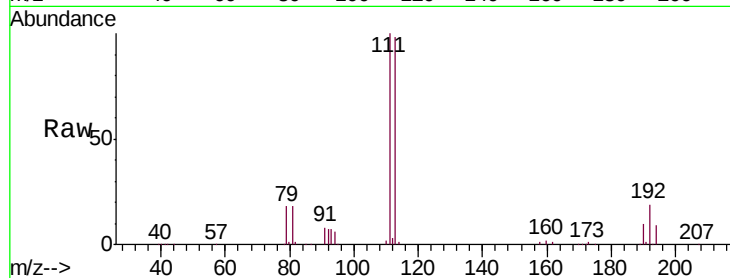
Tgt Ion:113 Resp: 98534

Ion Ratio Lower Upper

113 100

111 102.2 81.8 122.8

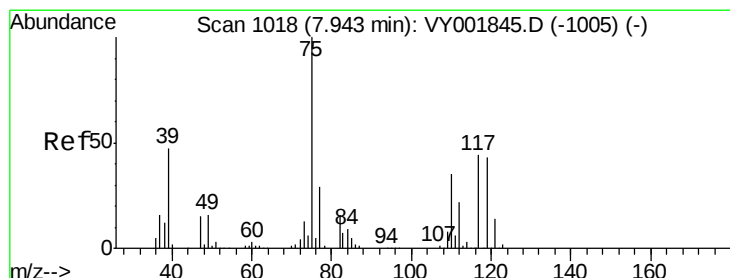
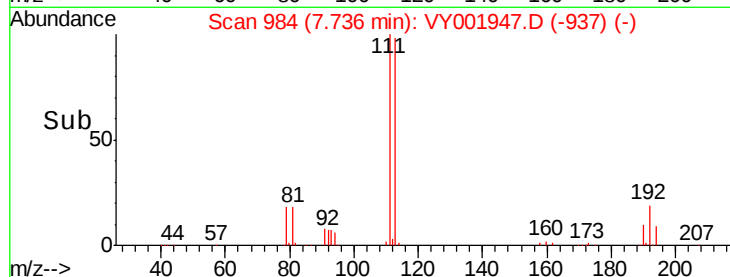
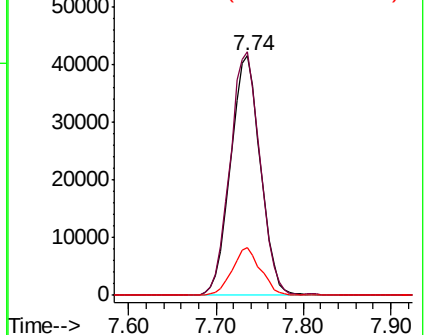
192 19.0 14.2 21.2



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: 4.430 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.14 min

Lab File: VY001947.D

Acq: 11 Mar 2020 16:46

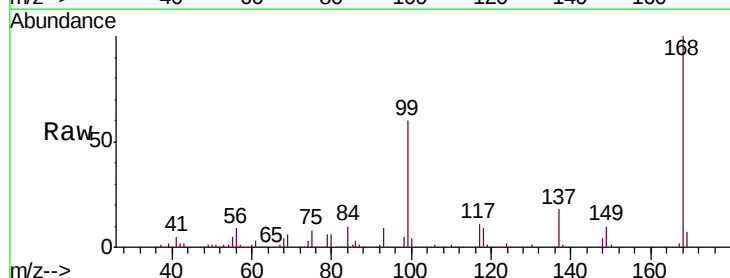
Tgt Ion: 75 Resp: 13689

Ion Ratio Lower Upper

75 100

110 8.9 17.4 52.2#

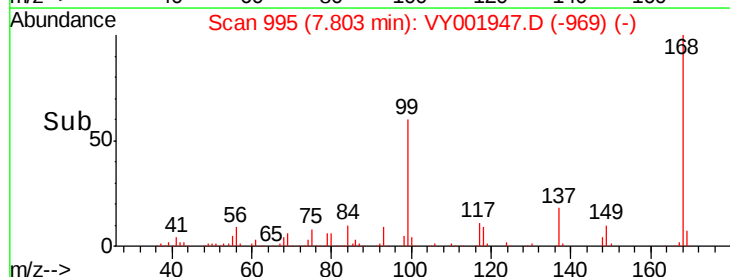
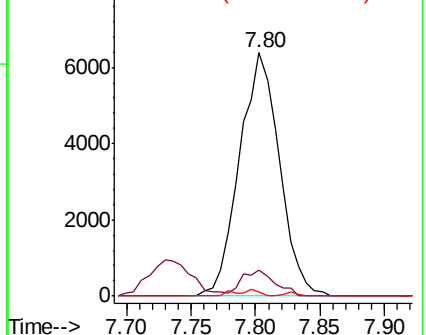
77 1.6 24.2 36.2#

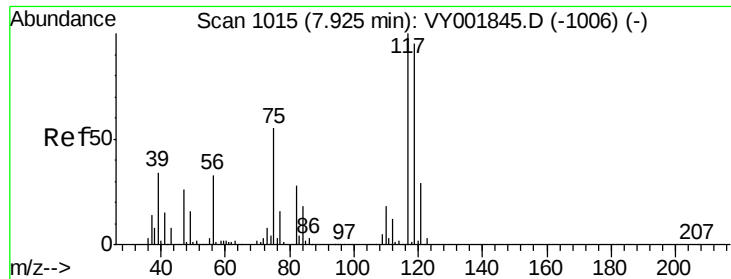


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

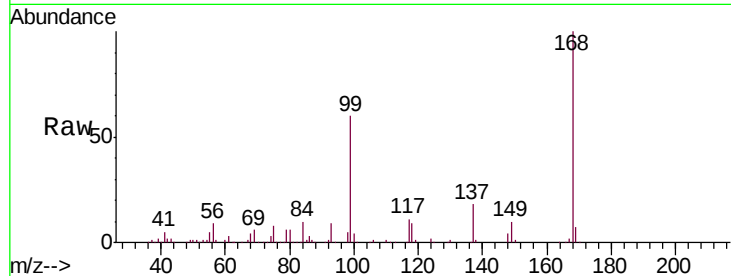




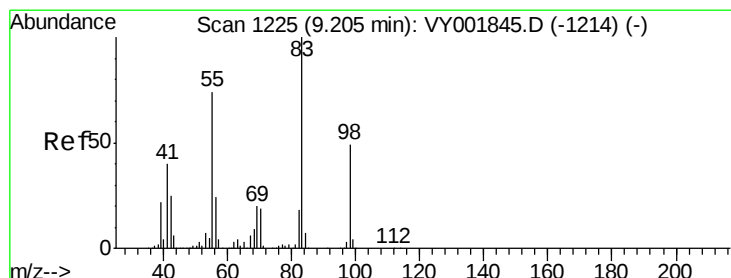
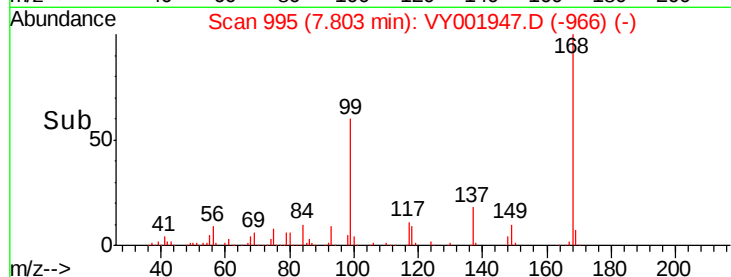
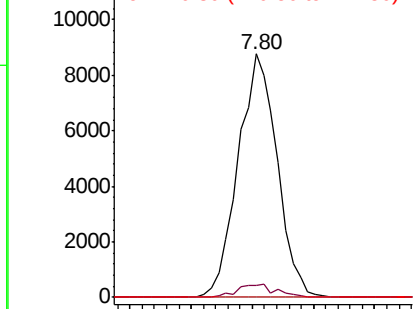
#38
Carbon Tetrachloride
Concen: 7.334 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.12 min
Lab File: VY001947.D
Acq: 11 Mar 2020 16:46

Instrument :
MSVOA_Y
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TP-1(0-1)RE

Tgt Ion:117 Resp: 19360
Ion Ratio Lower Upper
117 100
119 4.9 76.3 114.5#
121 0.0 23.5 35.3#

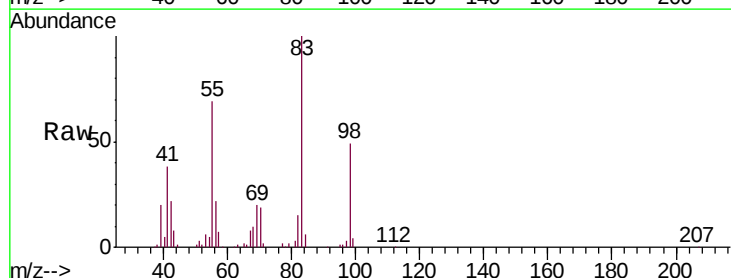


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

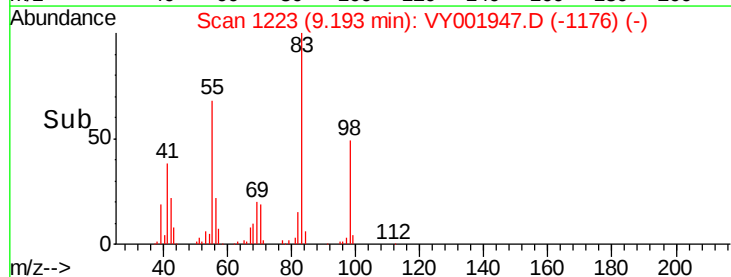
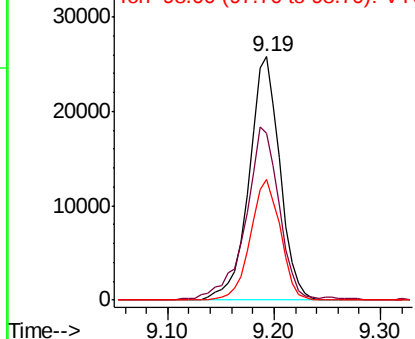


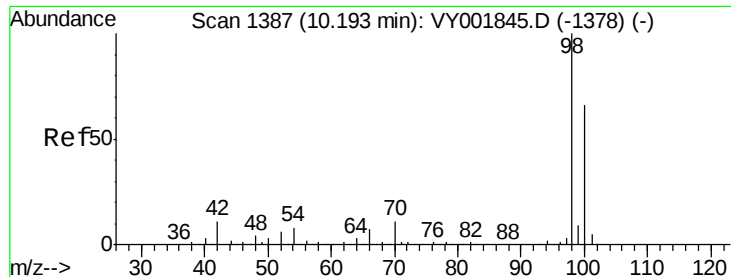
#39
Methylcyclohexane
Concen: 12.796 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY001947.D
Acq: 11 Mar 2020 16:46

Tgt Ion: 83 Resp: 52449
Ion Ratio Lower Upper
83 100
55 67.8 59.4 89.0
98 49.4 38.9 58.3



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





#50

Toluene-d8

Concen: 51.745 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY001947.D

Acq: 11 Mar 2020 16:46

Instrument :

MSVOA_Y

ClientSampleId :

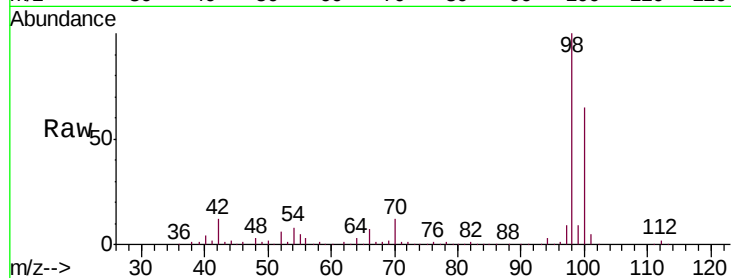
TP-1(0-1)RE

Tgt Ion: 98 Resp: 382620

Ion Ratio Lower Upper

98 100

100 64.8 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.19

250000

200000

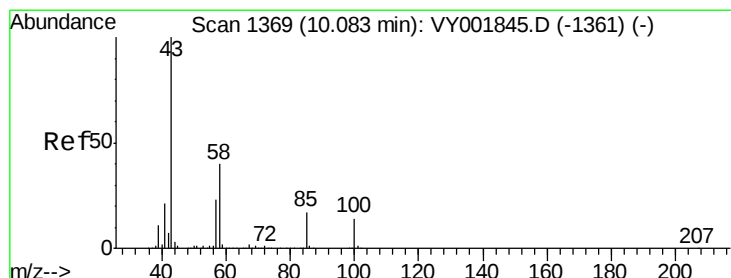
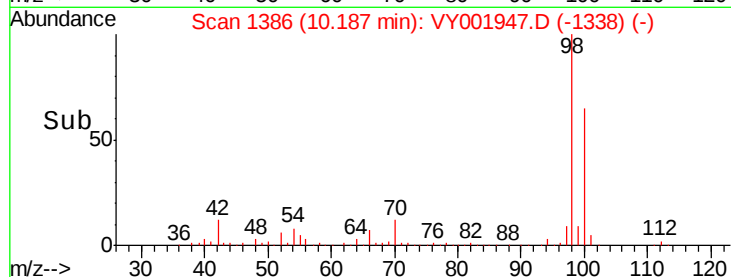
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 7.719 ug/l

RT: 9.97 min Scan# 1350

Delta R.T. -0.12 min

Lab File: VY001947.D

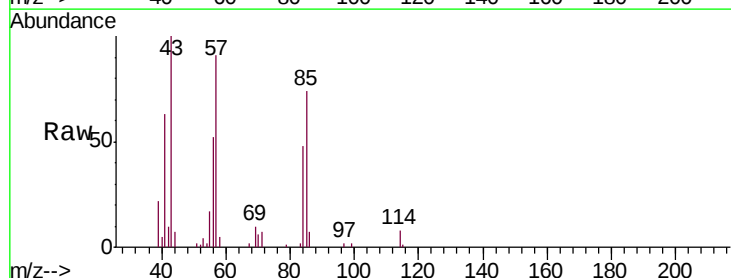
Acq: 11 Mar 2020 16:46

Tgt Ion: 43 Resp: 13519

Ion Ratio Lower Upper

43 100

58 4.3 32.0 48.0#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

8000

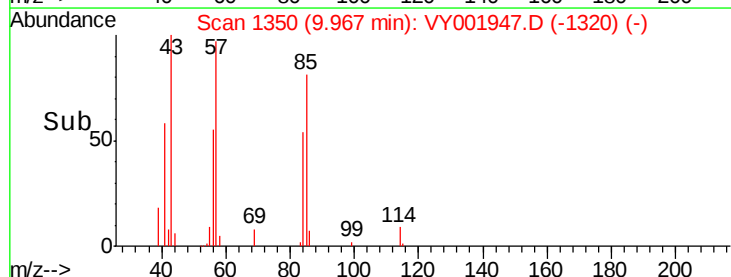
6000

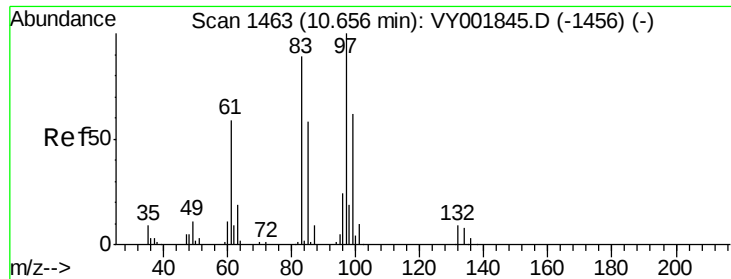
4000

2000

0

Time-->

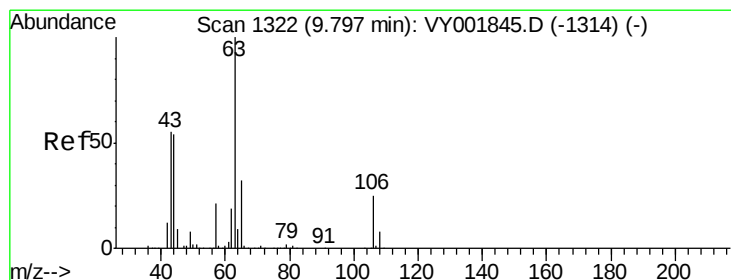
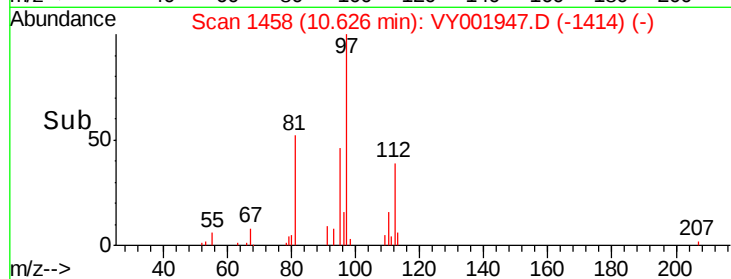
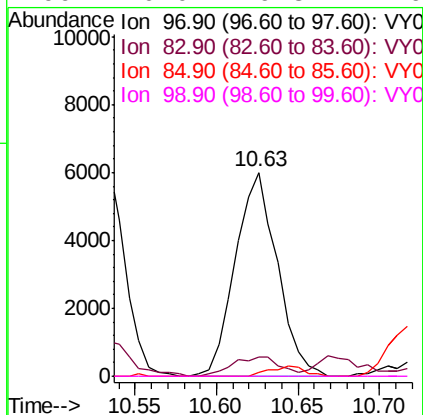
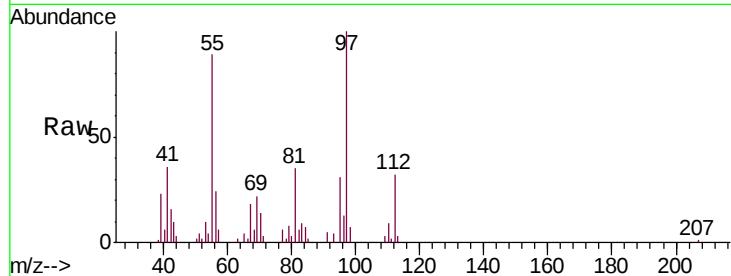




#55
 1,1,2-Trichloroethane
 Concen: 6.197 ug/l
 RT: 10.63 min Scan# 1458
 Delta R.T. -0.03 min
 Lab File: VY001947.D
 Acq: 11 Mar 2020 16:46

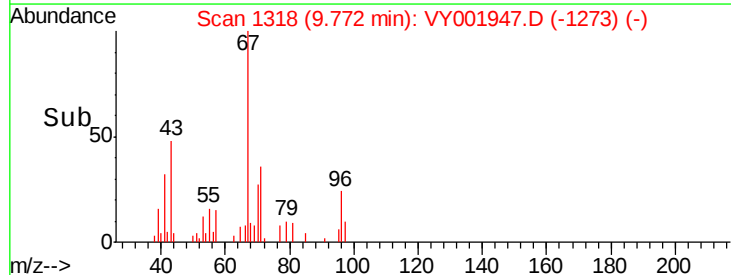
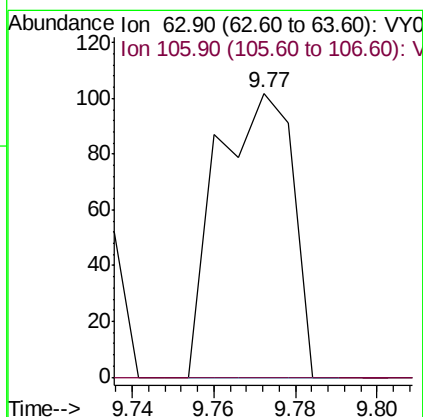
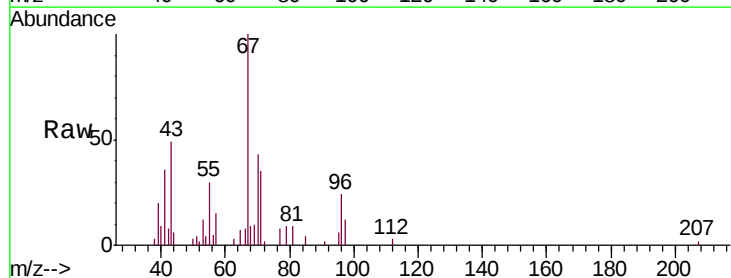
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1(0-1)RE

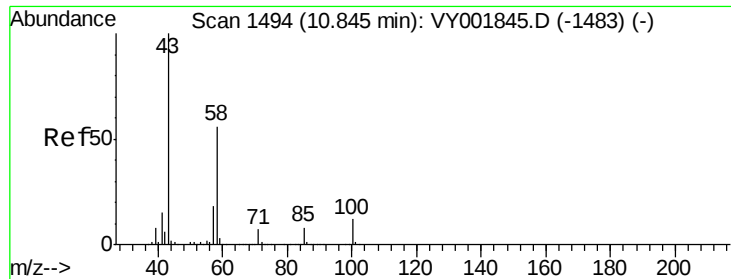
Tgt Ion: 97 Resp: 10761
 Ion Ratio Lower Upper
 97 100
 83 9.3 71.6 107.4#
 85 1.9 46.6 69.8#
 99 0.0 49.8 74.6#



#58
 2-Chloroethyl Vinyl ether
 Concen: Below Cal
 RT: 9.77 min Scan# 1318
 Delta R.T. -0.02 min
 Lab File: VY001947.D
 Acq: 11 Mar 2020 16:46

Tgt Ion: 63 Resp: 131
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.3 31.9#

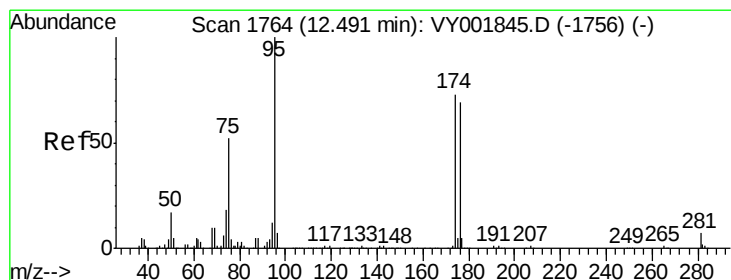
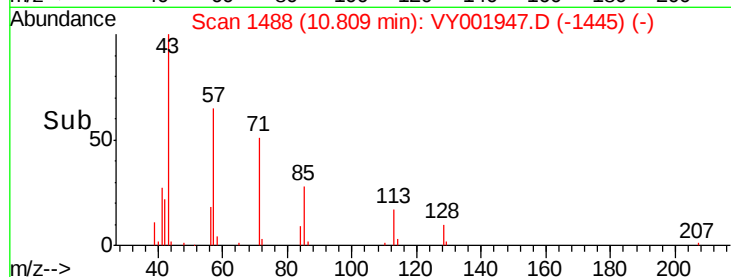
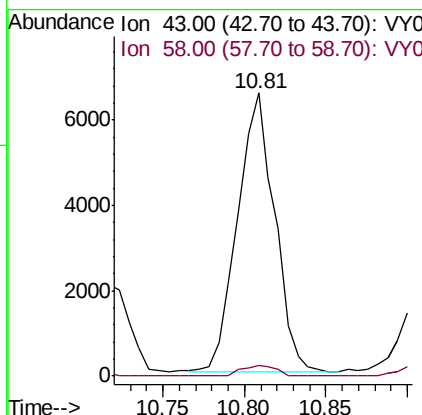
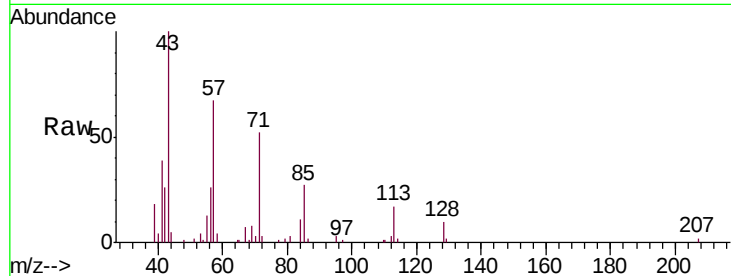




#59
2-Hexanone
Concen: 8.261 ug/l
RT: 10.81 min Scan# 1488
Delta R.T. -0.04 min
Lab File: VY001947.D
Acq: 11 Mar 2020 16:46

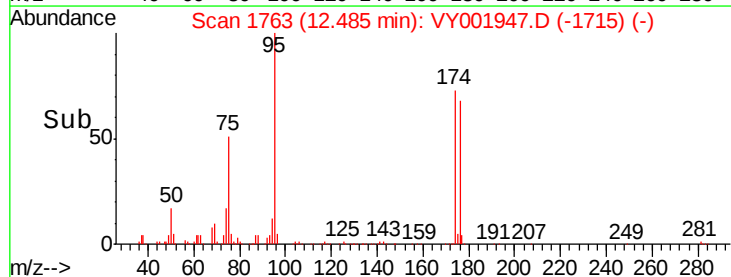
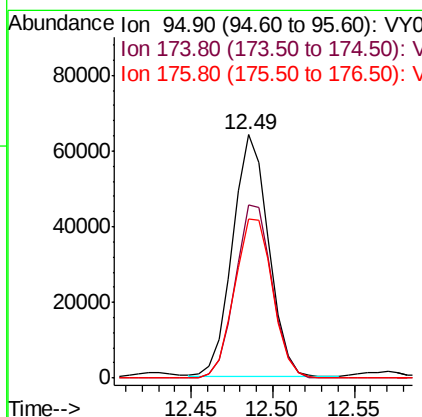
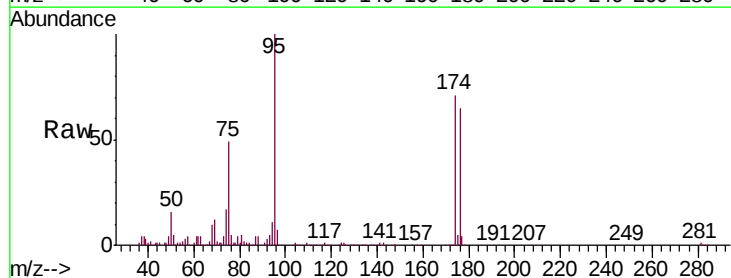
Instrument :
MSVOA_Y
ClientSampleId :
TP-1(0-1)RE

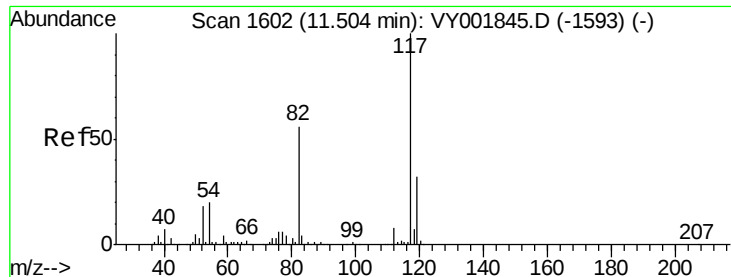
Tgt Ion: 43 Resp: 10327
Ion Ratio Lower Upper
43 100
58 3.6 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 38.234 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY001947.D
Acq: 11 Mar 2020 16:46

Tgt Ion: 95 Resp: 98304
Ion Ratio Lower Upper
95 100
174 73.0 0.0 145.0
176 69.7 0.0 137.4

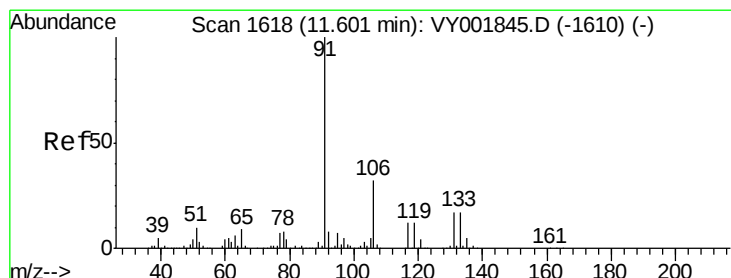
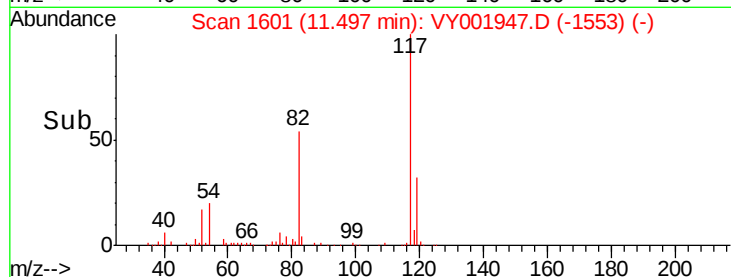
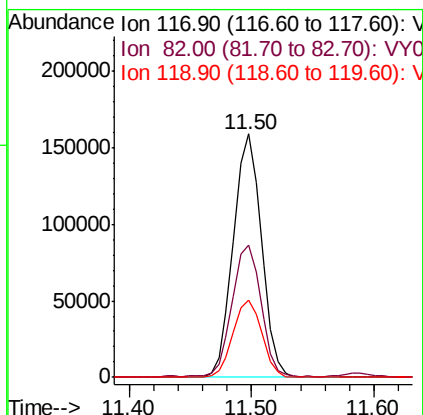
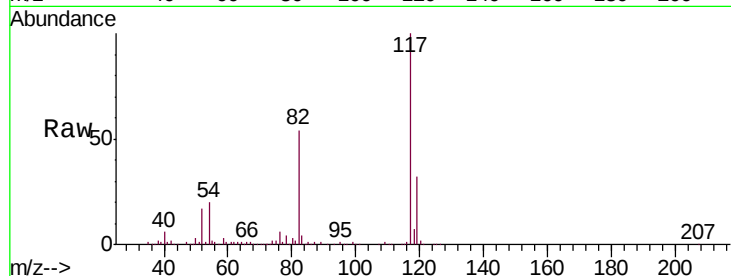




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001947.D
Acq: 11 Mar 2020 16:46

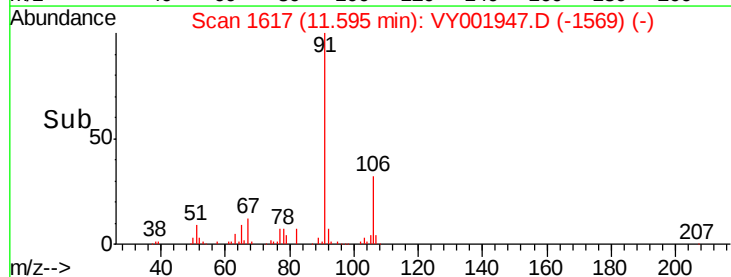
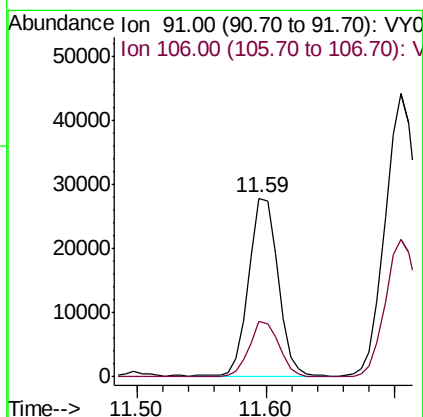
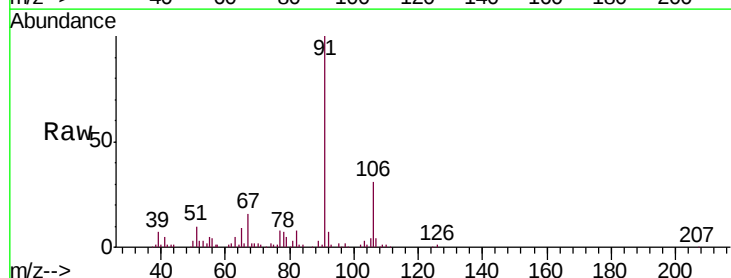
Instrument :
MSVOA_Y
ClientSampleId :
TP-1(0-1)RE

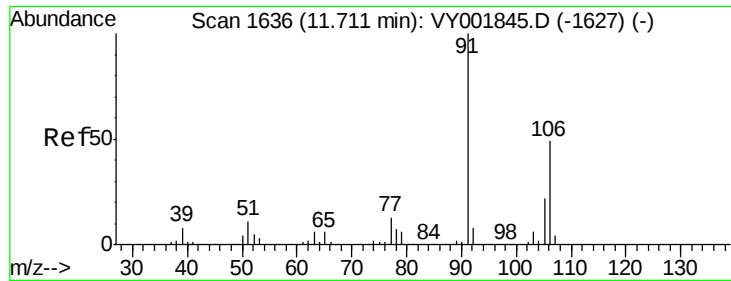
Tgt Ion: 117 Resp: 252908
Ion Ratio Lower Upper
117 100
82 53.7 44.5 66.7
119 31.7 25.7 38.5



#67
Ethyl Benzene
Concen: 4.638 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001947.D
Acq: 11 Mar 2020 16:46

Tgt Ion: 91 Resp: 43590
Ion Ratio Lower Upper
91 100
106 31.6 25.4 38.2

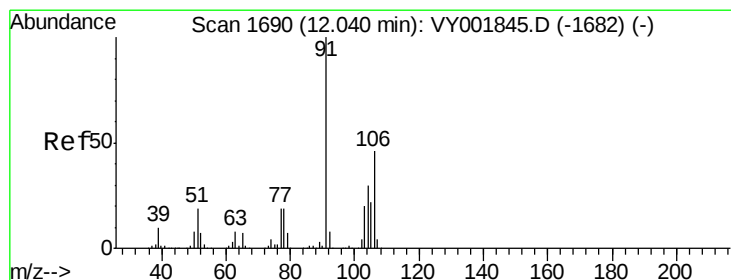
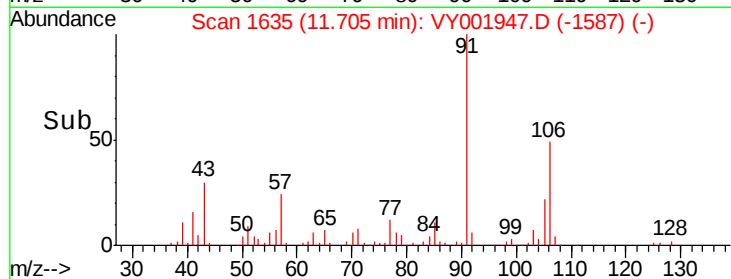
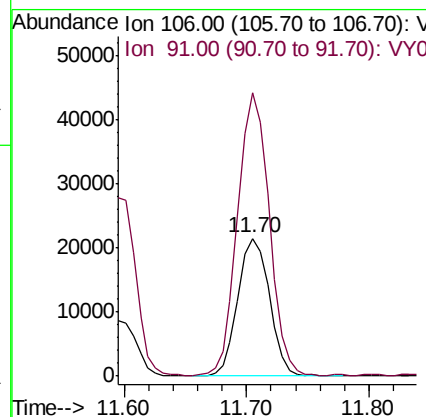
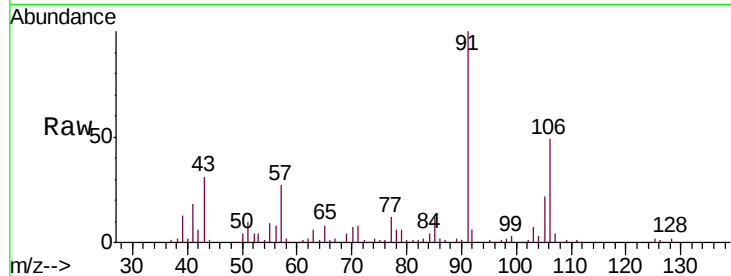




#68
m/p-Xylenes
Concen: 11.129 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001947.D
Acq: 11 Mar 2020 16:46

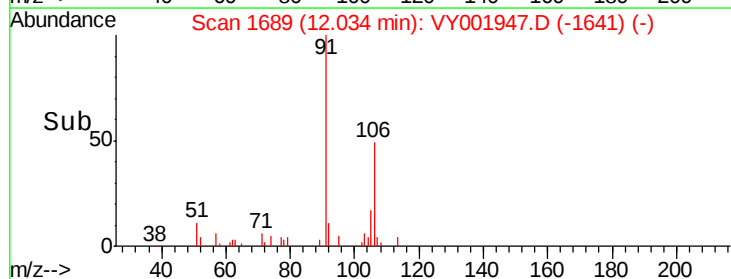
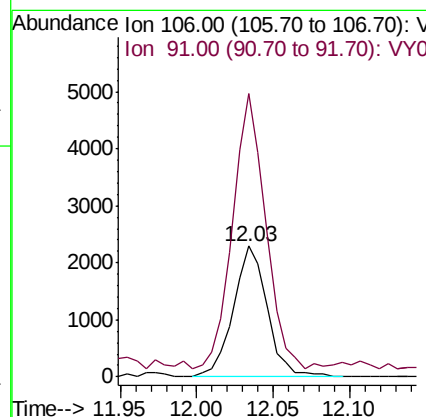
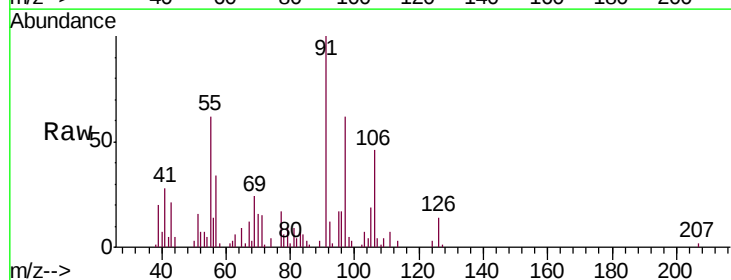
Instrument :
MSVOA_Y
ClientSampled :
TP-1(0-1)RE

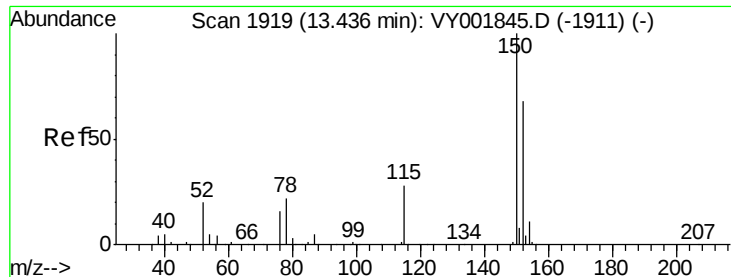
Tgt Ion:106 Resp: 38670
Ion Ratio Lower Upper
106 100
91 204.0 161.3 241.9



#69
o-Xylene
Concen: 1.078 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY001947.D
Acq: 11 Mar 2020 16:46

Tgt Ion:106 Resp: 3532
Ion Ratio Lower Upper
106 100
91 204.3 106.8 320.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY001947.D

Acq: 11 Mar 2020 16:46

Instrument :

MSVOA_Y

ClientSampleId :

TP-1(0-1)RE

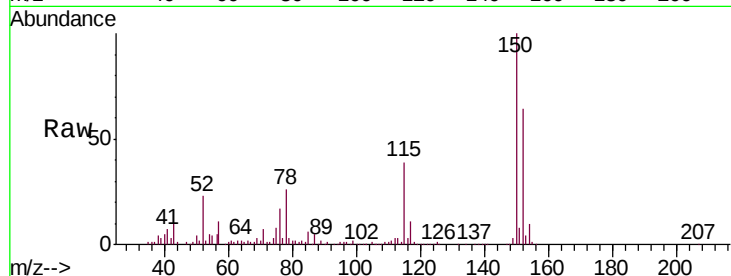
Tgt Ion:152 Resp: 78326

Ion Ratio Lower Upper

152 100

115 64.1 29.9 89.7

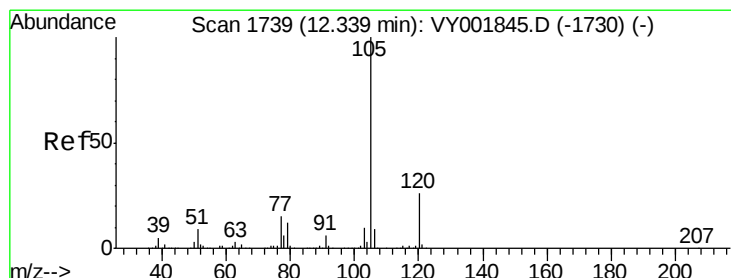
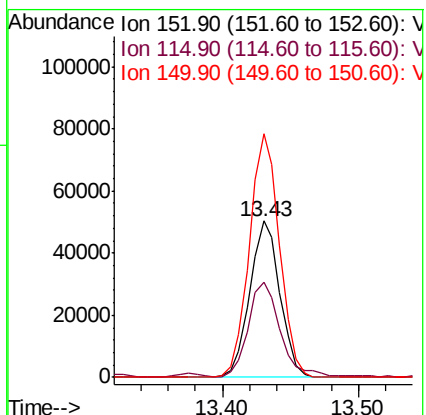
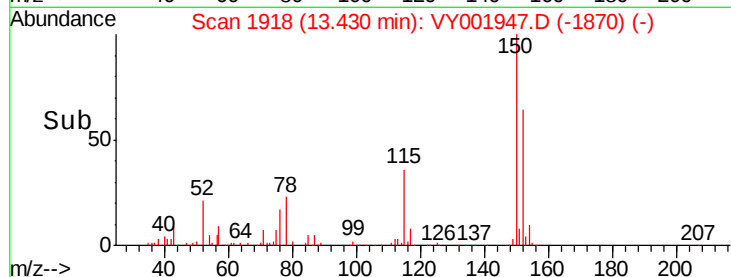
150 154.7 0.0 340.6



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: 2.950 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY001947.D

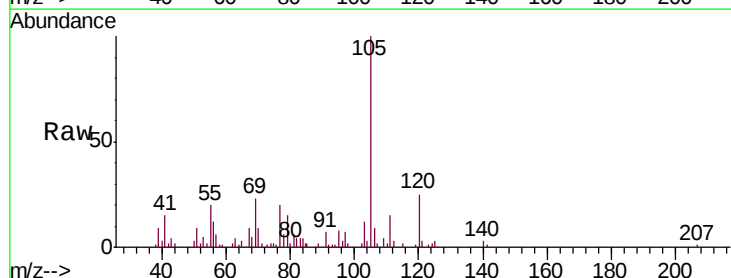
Acq: 11 Mar 2020 16:46

Tgt Ion:105 Resp: 17641

Ion Ratio Lower Upper

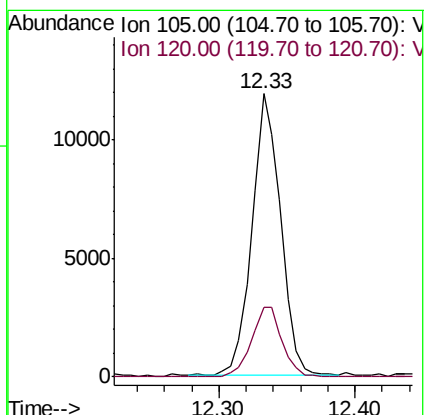
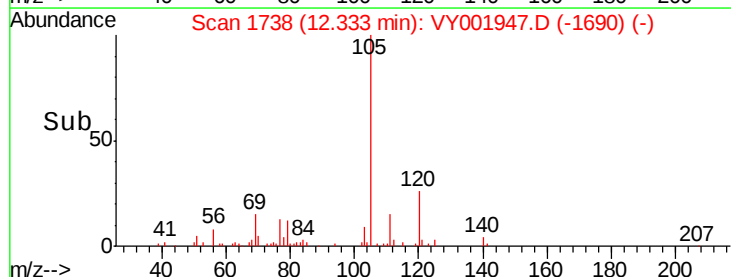
105 100

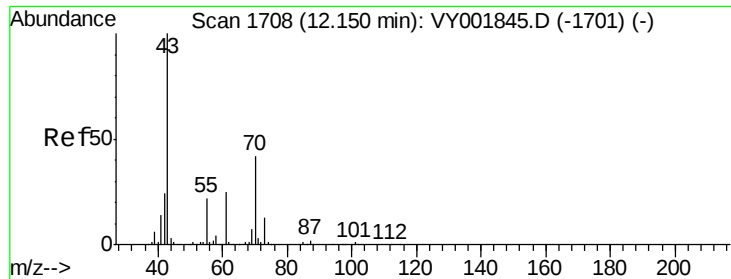
120 26.3 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: 6.046 ug/l

RT: 12.13 min Scan# 1704

Delta R.T. -0.02 min

Lab File: VY001947.D

Acq: 11 Mar 2020 16:46

Instrument :

MSVOA_Y

ClientSampleId :

TP-1(0-1)RE

Tgt Ion: 43 Resp: 11110

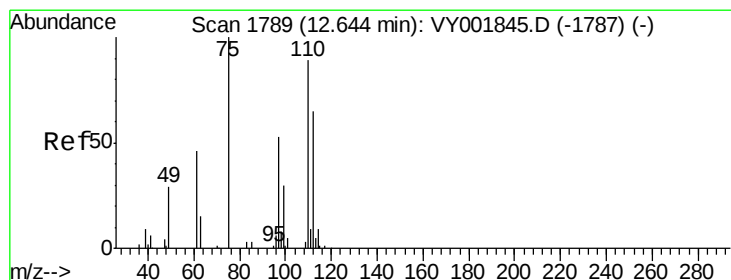
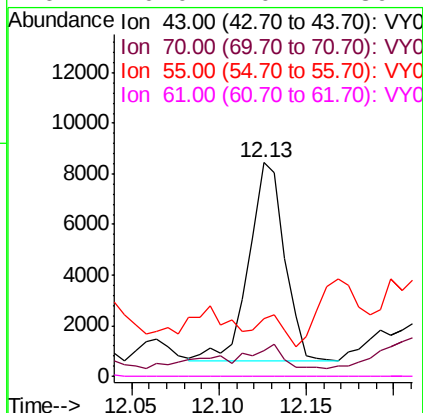
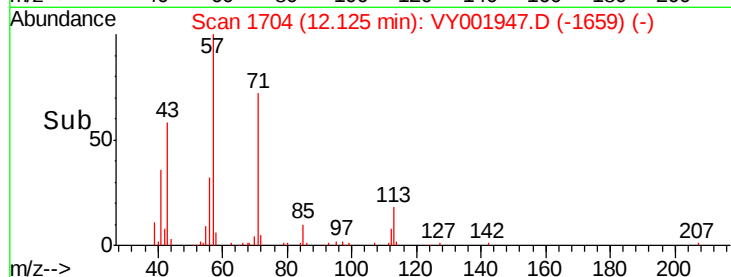
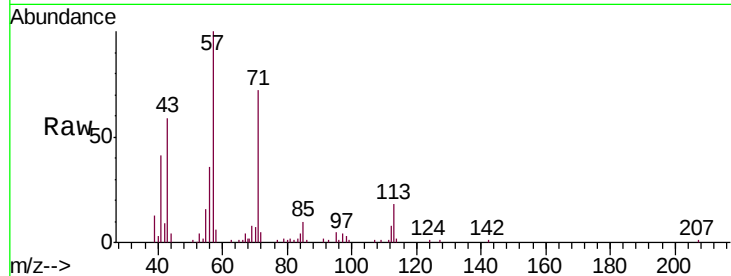
Ion Ratio Lower Upper

43 100

70 9.8 34.7 52.1#

55 10.1 18.2 27.4#

61 0.0 20.1 30.1#



#76

1,2,3-Trichloropropane

Concen: 51.437 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.16 min

Lab File: VY001947.D

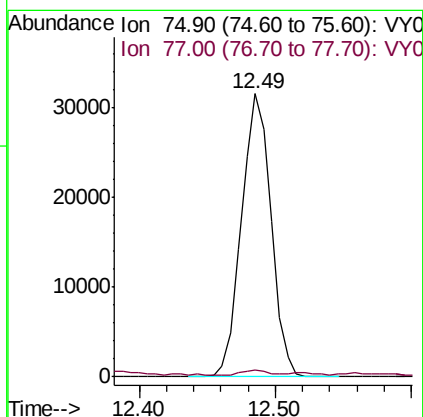
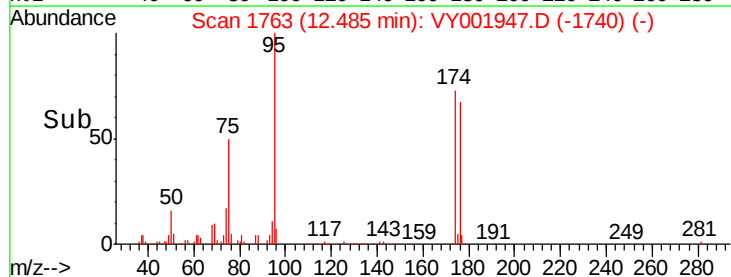
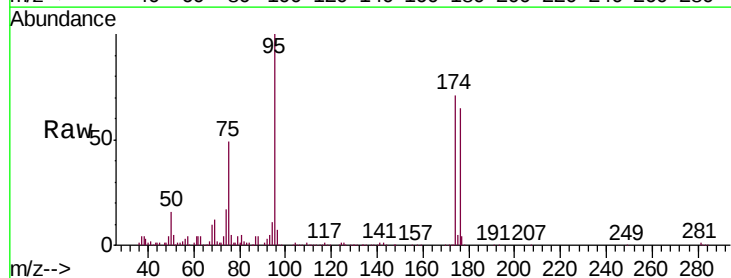
Acq: 11 Mar 2020 16:46

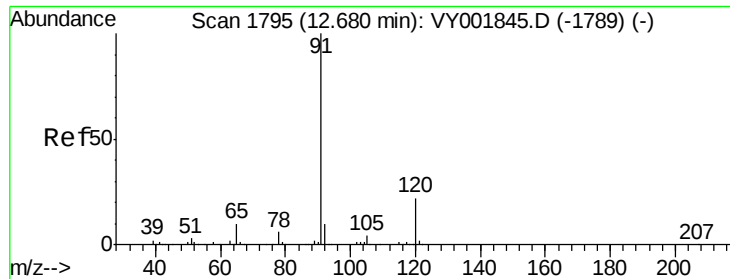
Tgt Ion: 75 Resp: 47805

Ion Ratio Lower Upper

75 100

77 1.9 0.0 0.0#





#78

n-propylbenzene

Concen: 5.317 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY001947.D

Acq: 11 Mar 2020 16:46

Instrument :

MSVOA_Y

ClientSampleId :

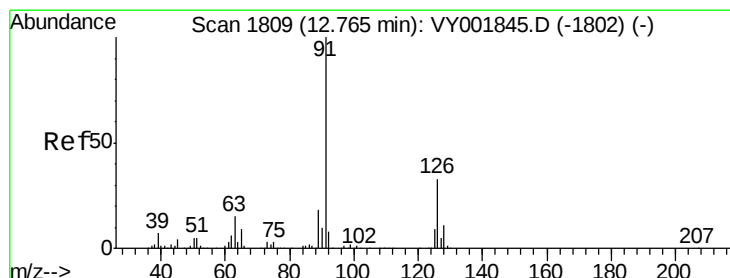
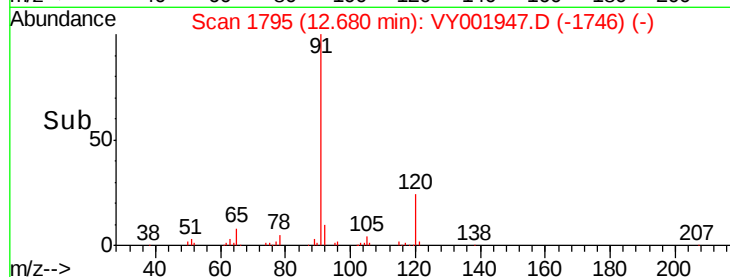
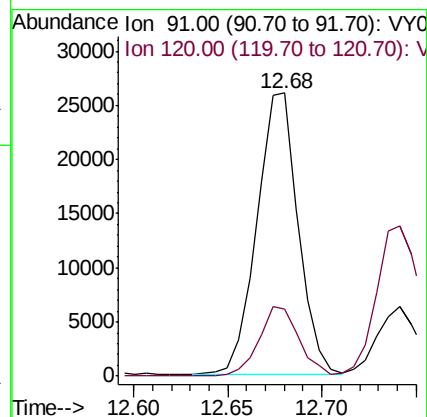
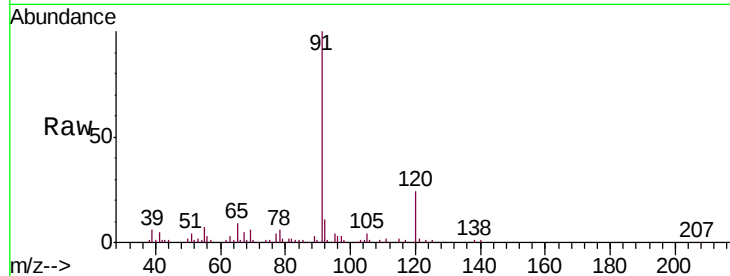
TP-1(0-1)RE

Tgt Ion: 91 Resp: 39219

Ion Ratio Lower Upper

91 100

120 24.2 11.0 33.0



#79

2-Chlorotoluene

Concen: 1.605 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VY001947.D

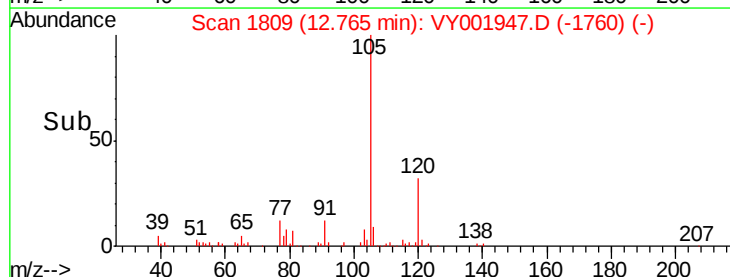
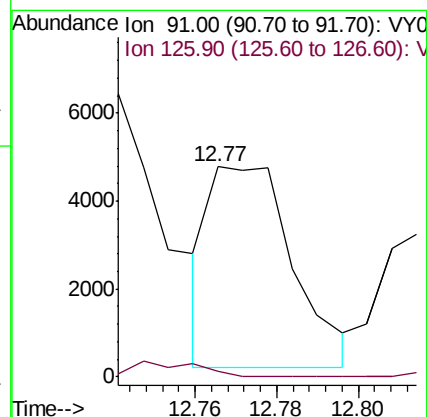
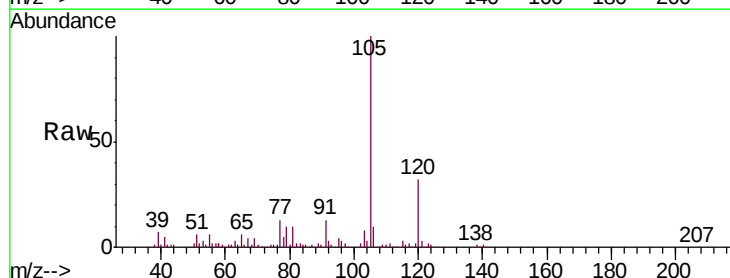
Acq: 11 Mar 2020 16:46

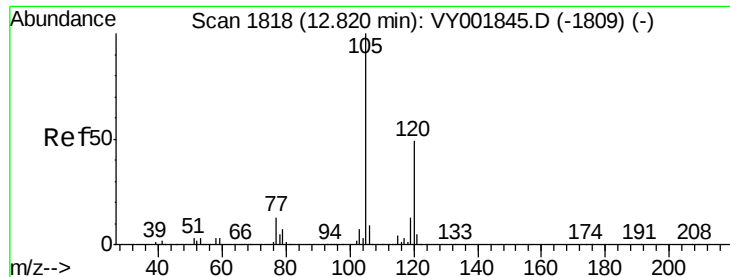
Tgt Ion: 91 Resp: 6543

Ion Ratio Lower Upper

91 100

126 0.0 16.3 48.8#

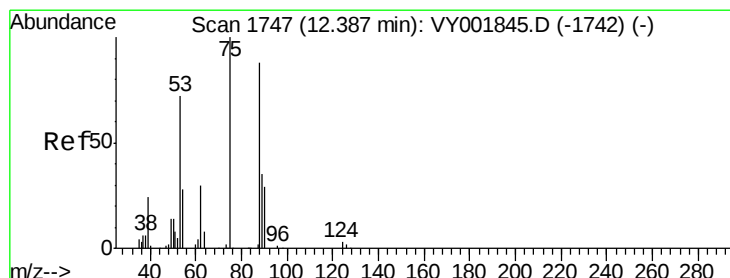
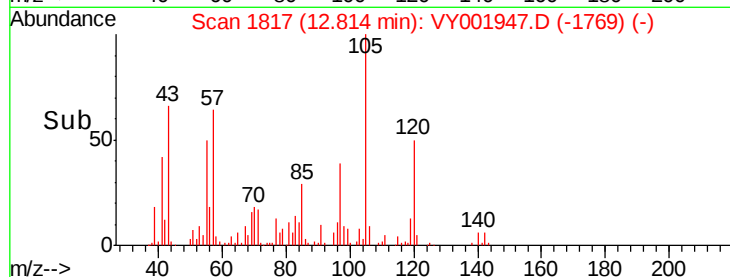
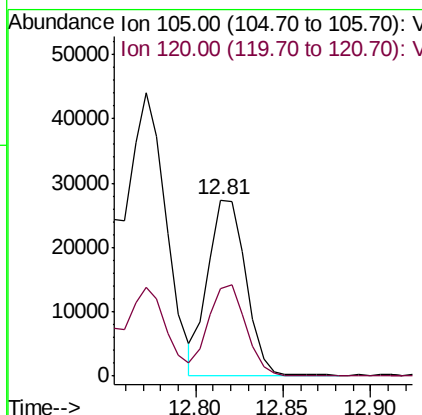
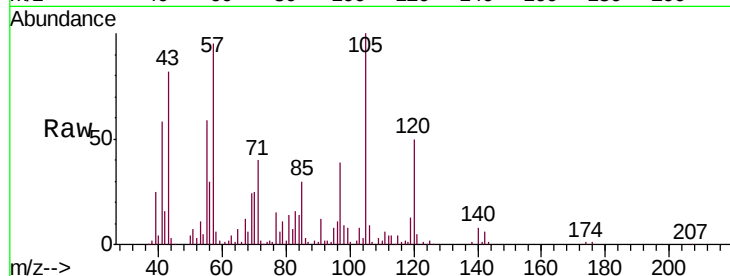




#80
 1,3,5-Trimethylbenzene
 Concen: 8.345 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: VY001947.D
 Acq: 11 Mar 2020 16:46

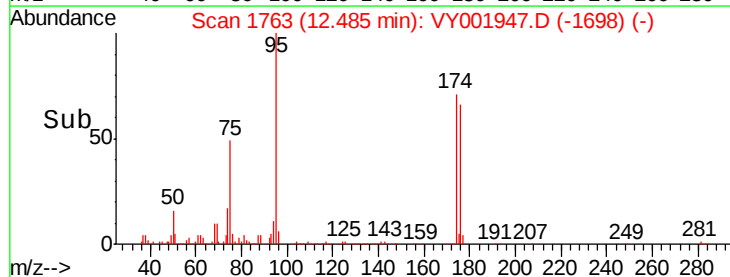
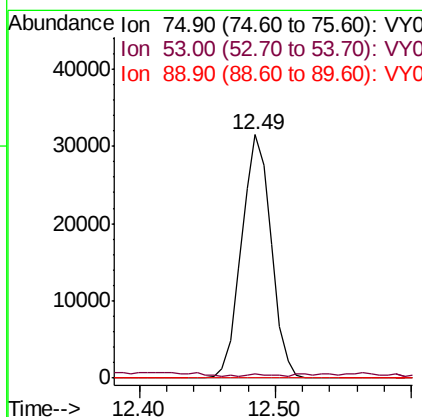
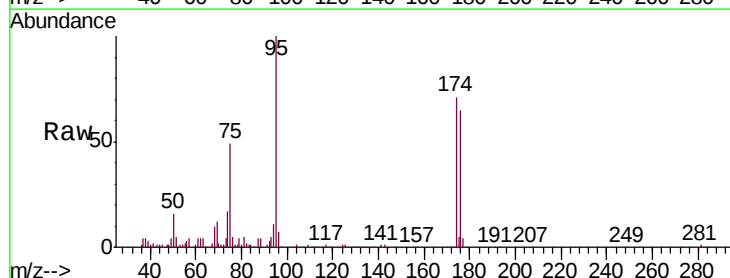
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1(0-1)RE

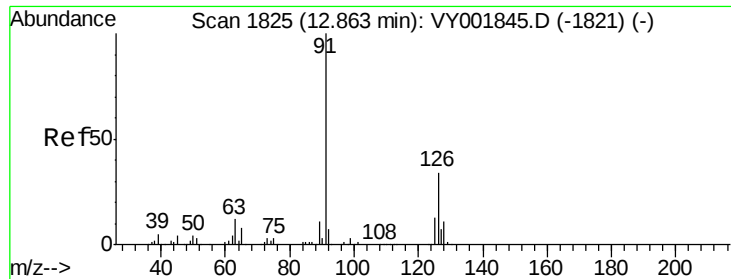
Tgt Ion: 105 Resp: 41077
 Ion Ratio Lower Upper
 105 100
 120 51.7 24.4 73.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.900 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.10 min
 Lab File: VY001947.D
 Acq: 11 Mar 2020 16:46

Tgt Ion: 75 Resp: 47805
 Ion Ratio Lower Upper
 75 100
 53 1.1 65.4 98.0#
 89 0.0 36.0 54.0#





#82

4-Chlorotoluene

Concen: 1.187 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. -0.04 min

Lab File: VY001947.D

Acq: 11 Mar 2020 16:46

Instrument :

MSVOA_Y

ClientSampled :

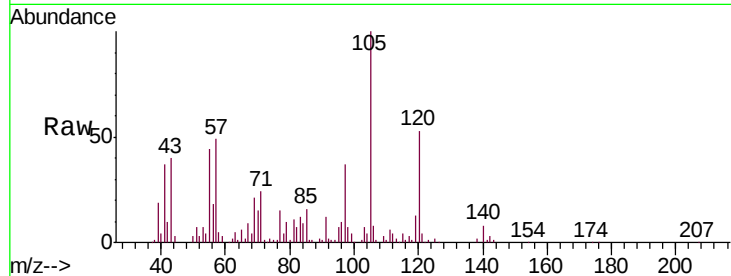
TP-1(0-1)RE

Tgt Ion: 91 Resp: 5036

Ion Ratio Lower Upper

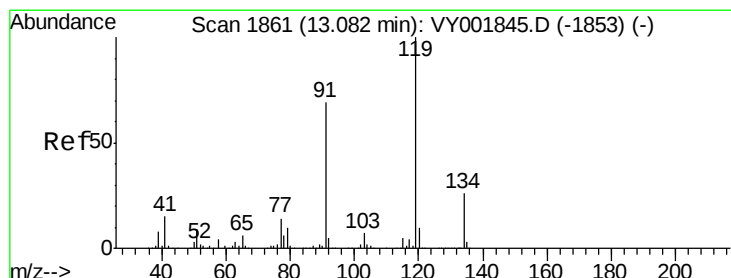
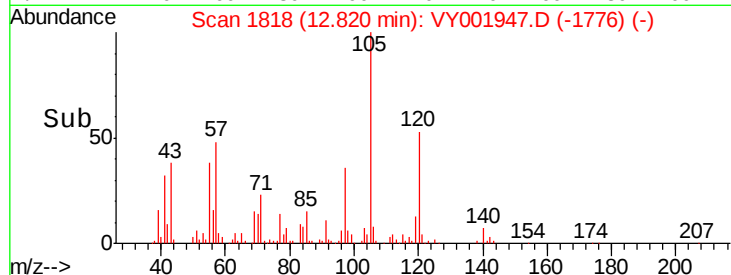
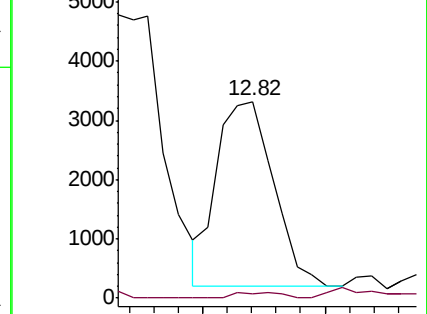
91 100

126 2.5 16.4 49.2#



Abundance Ion 91.00 (90.70 to 91.70): VY001845.D (-1821) (-)

Ion 125.90 (125.60 to 126.60): VY001845.D (-1821) (-)



#83

tert-Butylbenzene

Concen: 5.665 ug/l

RT: 13.13 min Scan# 1868

Delta R.T. 0.04 min

Lab File: VY001947.D

Acq: 11 Mar 2020 16:46

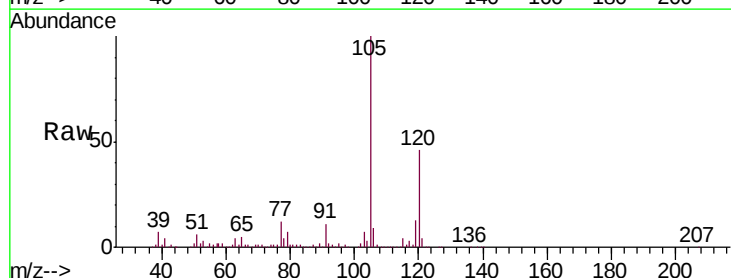
Tgt Ion: 119 Resp: 23159

Ion Ratio Lower Upper

119 100

91 80.5 34.0 101.8

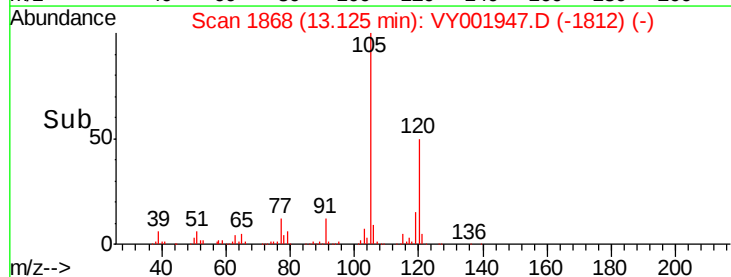
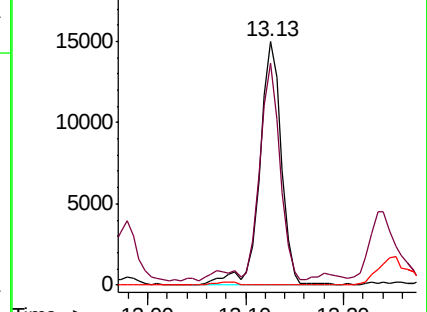
134 0.0 13.5 40.4#

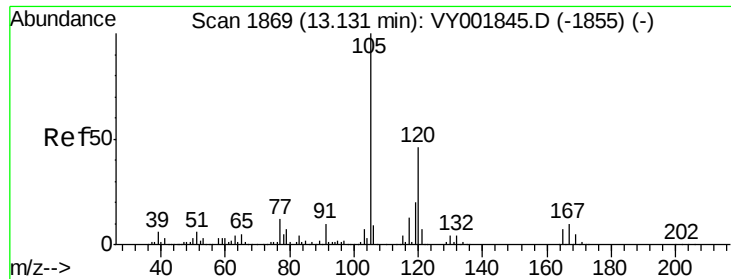


Abundance Ion 119.00 (118.70 to 119.70): VY001845.D (-1853) (-)

Ion 91.00 (90.70 to 91.70): VY001845.D (-1853) (-)

Ion 134.00 (133.70 to 134.70): VY001845.D (-1853) (-)

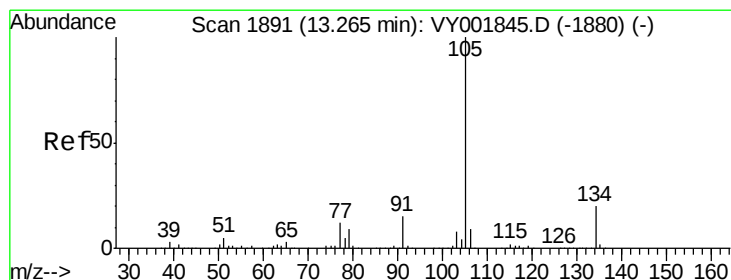
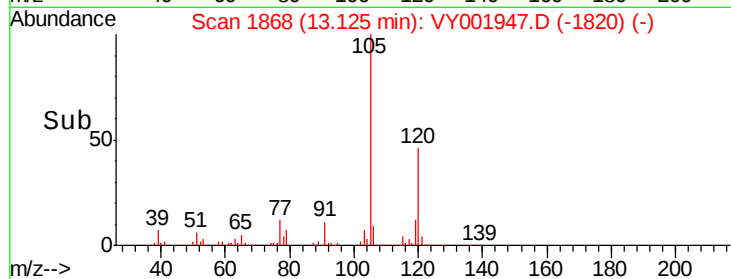
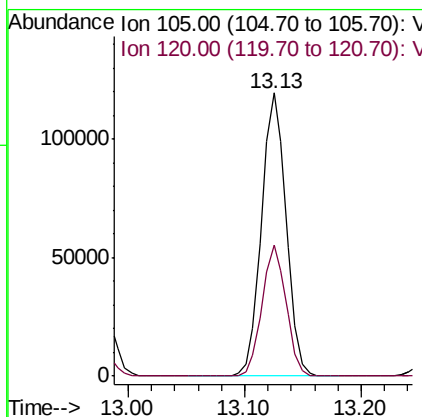
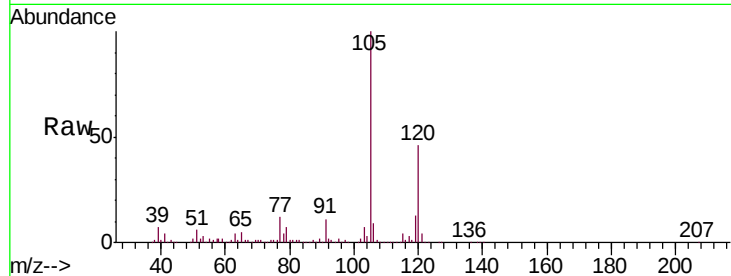




#84
1,2,4-Trimethylbenzene
Concen: 35.991 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. -0.01 min
Lab File: VY001947.D
Acq: 11 Mar 2020 16:46

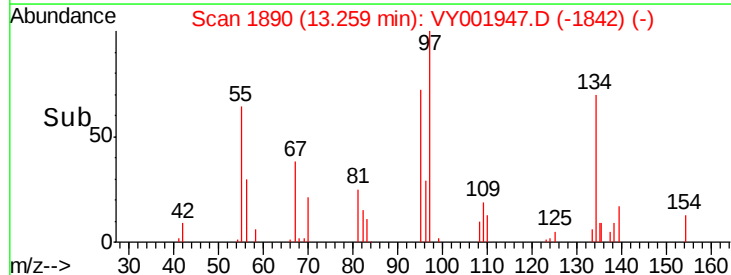
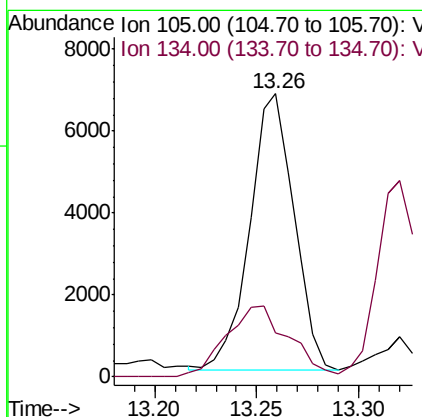
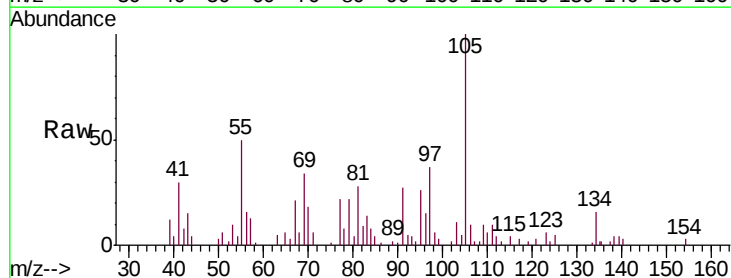
Instrument :
MSVOA_Y
ClientSampleId :
TP-1(0-1)RE

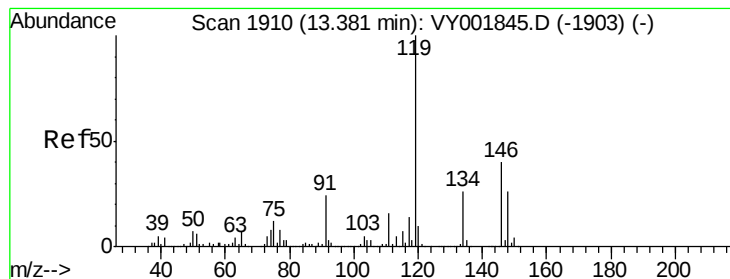
Tgt Ion:105 Resp: 175815
Ion Ratio Lower Upper
105 100
120 45.4 22.6 67.7



#85
sec-Butylbenzene
Concen: 1.696 ug/l
RT: 13.26 min Scan# 1890
Delta R.T. -0.01 min
Lab File: VY001947.D
Acq: 11 Mar 2020 16:46

Tgt Ion:105 Resp: 10220
Ion Ratio Lower Upper
105 100
134 36.2 9.7 29.1#





#86

p-Isopropyltoluene

Concen: 4.063 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.01 min

Lab File: VY001947.D

Acq: 11 Mar 2020 16:46

Instrument :

MSVOA_Y

ClientSampleId :

TP-1(0-1)RE

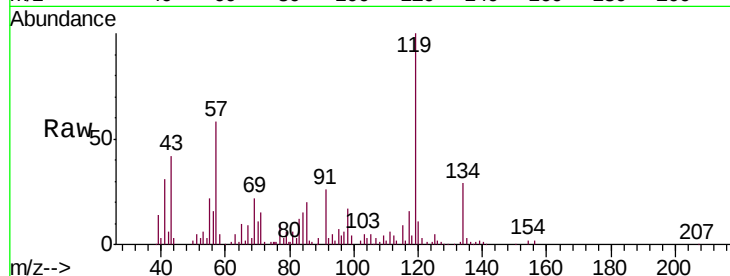
Tgt Ion: 119 Resp: 21119

Ion Ratio Lower Upper

119 100

134 27.0 13.1 39.3

91 25.4 11.9 35.7

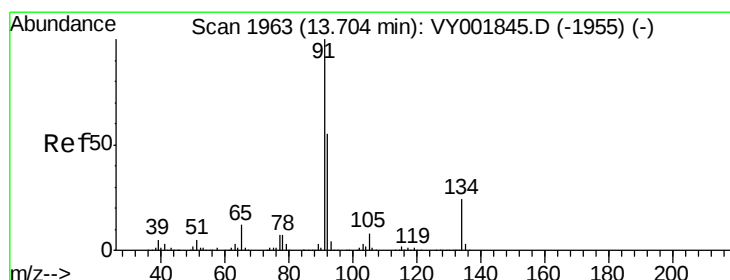
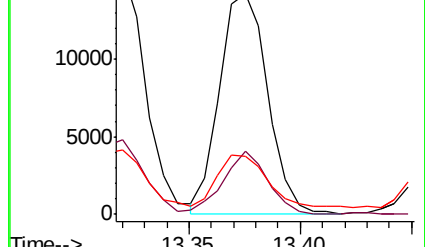
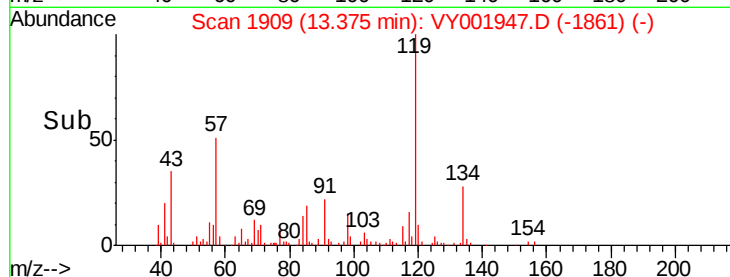


Abundance Ion 119.00 (118.70 to 119.70): VY001845.D (-1903) (-)

Ion 134.00 (133.70 to 134.70): VY001845.D (-1903) (-)

Ion 91.00 (90.70 to 91.70): VY001845.D (-1903) (-)

Time-->



#89

n-Butylbenzene

Concen: 5.399 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VY001947.D

Acq: 11 Mar 2020 16:46

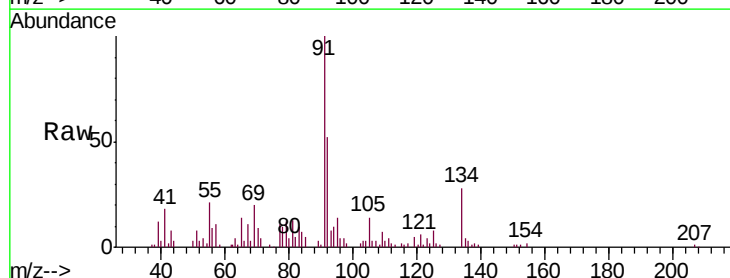
Tgt Ion: 91 Resp: 29119

Ion Ratio Lower Upper

91 100

92 38.0 27.5 82.4

134 0.0 12.5 37.5#

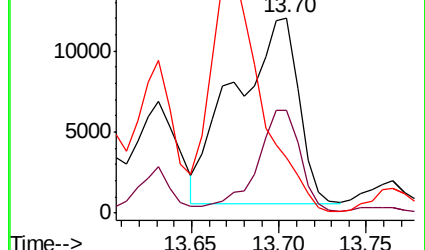
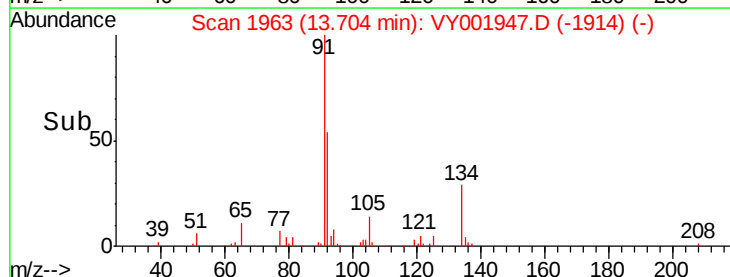


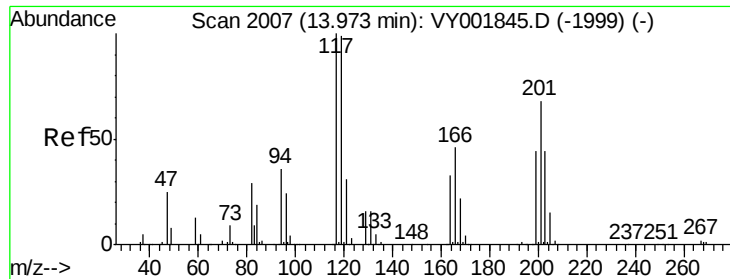
Abundance Ion 91.00 (90.70 to 91.70): VY001845.D (-1955) (-)

Ion 92.00 (91.70 to 92.70): VY001845.D (-1955) (-)

Ion 134.00 (133.70 to 134.70): VY001845.D (-1955) (-)

Time-->





#90

Hexachloroethane

Concen: 7.096 ug/l

RT: 13.98 min Scan# 2008

Delta R.T. 0.01 min

Lab File: VY001947.D

Acq: 11 Mar 2020 16:46

Instrument :

MSVOA_Y

ClientSampled :

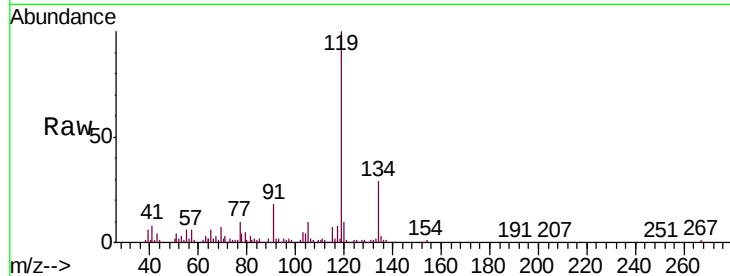
TP-1(0-1)RE

Tgt Ion:117 Resp: 6959

Ion Ratio Lower Upper

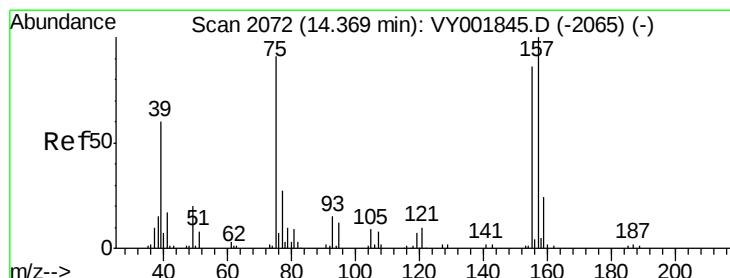
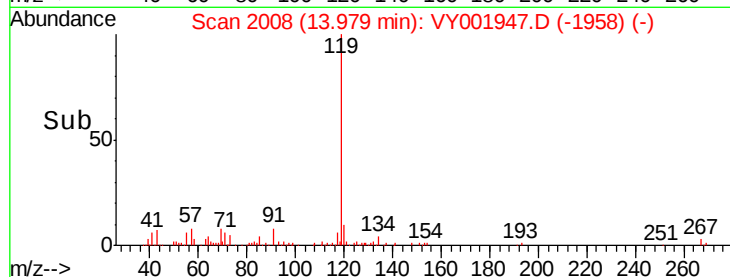
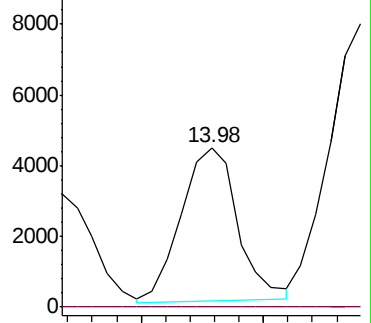
117 100

201 0.0 32.5 97.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.789 ug/l

RT: 14.39 min Scan# 2075

Delta R.T. 0.02 min

Lab File: VY001947.D

Acq: 11 Mar 2020 16:46

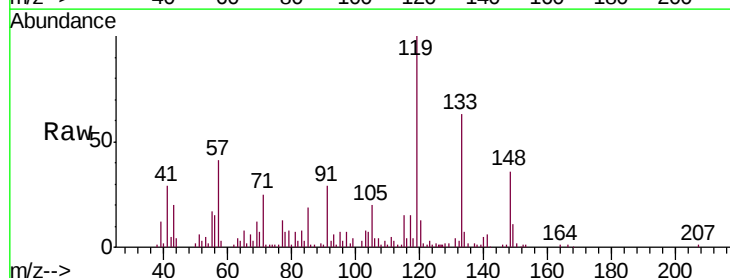
Tgt Ion: 75 Resp: 360

Ion Ratio Lower Upper

75 100

155 0.0 42.9 128.7#

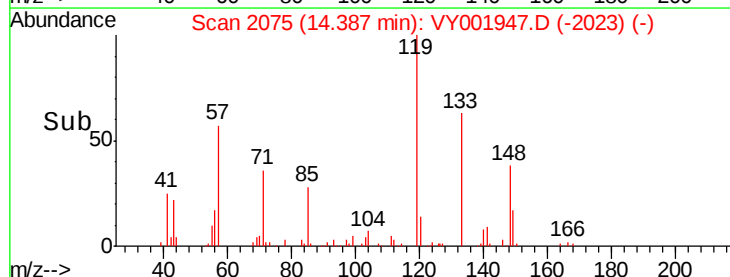
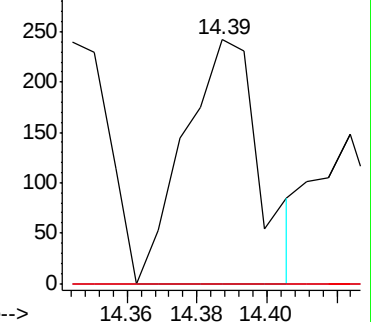
157 0.0 53.1 159.4#

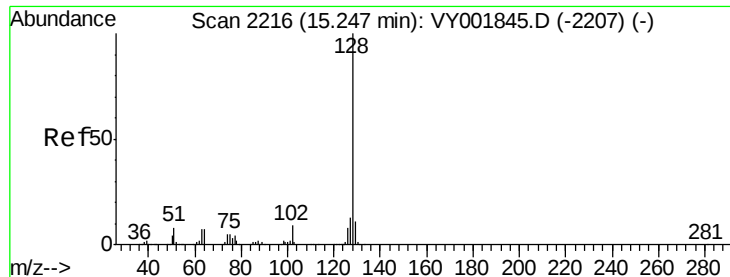


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

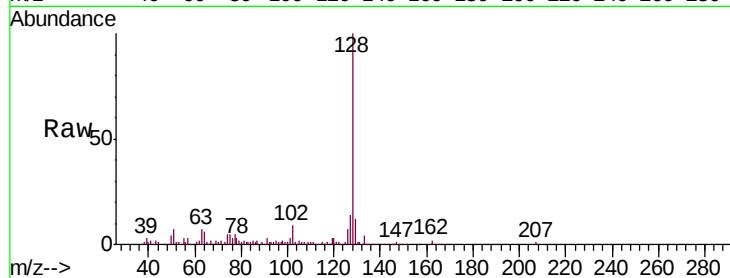




#95
 Naphthalene
 Concen: 20.179 ug/l
 RT: 15.24 min Scan# 2215
 Delta R.T. -0.01 min
 Lab File: VY001947.D
 Acq: 11 Mar 2020 16:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1(0-1)RE

Tgt Ion:128 Resp: 70004
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.1 15.1
 129 11.4 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

