

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050820\
 Data File : VY002645.D
 Acq On : 08 May 2020 16:07
 Operator : SY/MD
 Sample : L2564-01
 Misc : 4.13G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 09 03:47:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	239112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	359707	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	298209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	111648	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	95493	47.50	ug/l	0.00
Spiked Amount			Recovery	=	95.00%	
35) Dibromofluoromethane	7.74	113	103940	50.53	ug/l	0.00
Spiked Amount			Recovery	=	101.06%	
50) Toluene-d8	10.19	98	411478	51.22	ug/l	0.00
Spiked Amount			Recovery	=	102.44%	
62) 4-Bromofluorobenzene	12.49	95	124478	45.66	ug/l	0.00
Spiked Amount			Recovery	=	91.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.92	85	341	1.951	ug/l	99
11) Tert butyl alcohol	4.99	59	939	4.540	ug/l #	74
16) Acetone	3.98	43	3848	9.274	ug/l	93
20) Methylene Chloride	4.74	84	5638	2.430	ug/l	88
25) 2-Butanone	7.01	43	2629	3.871	ug/l #	60
31) Cyclohexane	7.81	56	3647	1.009	ug/l #	1
36) 1,1-Dichloropropene	7.81	75	14823	4.916	ug/l #	48
38) Carbon Tetrachloride	7.81	117	21341	6.482	ug/l #	16
51) 4-Methyl-2-Pentanone	10.08	43	2834	1.893	ug/l	97
55) 1,1,2-Trichloroethane	10.63	97	5441	3.085	ug/l #	22
59) 2-Hexanone	10.81	43	22021	21.368	ug/l #	28
67) Ethyl Benzene	11.60	91	72452	7.276	ug/l	99
68) m/p-Xylenes	11.72	106	12678	3.290	ug/l	98
69) o-Xylene	12.03	106	40362	11.188	ug/l	97
73) Isopropylbenzene	12.34	105	197916	27.352	ug/l	99
74) N-amyl acetate	12.13	43	166638	95.735	ug/l #	54
75) 1,1,2,2-Tetrachloroethane	12.65	83	61313	53.280	ug/l #	47
76) 1,2,3-Trichloropropane	12.67	75	4537	4.573	ug/l #	100
77) Bromobenzene	12.70	156	58943	32.605	ug/l #	1
78) n-propylbenzene	12.68	91	711208	84.697	ug/l	99
79) 2-Chlorotoluene	12.77	91	21904	4.709	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.82	105	76677	12.784	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.34	75	2142	4.329	ug/l #	40
82) 4-Chlorotoluene	12.77	91	21904	4.483	ug/l #	41
83) tert-Butylbenzene	13.08	119	25900	4.925	ug/l	94
84) 1,2,4-Trimethylbenzene	13.13	105	1639032	274.193	ug/l	99
85) sec-Butylbenzene	13.26	105	575800	78.901	ug/l	87
86) p-Isopropyltoluene	13.38	119	261943	38.307	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	3948	1.154	ug/l #	1
88) 1,4-Dichlorobenzene	13.45	146	6720	1.983	ug/l #	1
89) n-Butylbenzene	13.70	91	645718	103.732	ug/l #	75
90) Hexachloroethane	13.98	117	119070	95.619	ug/l #	5
91) 1,2-Dichlorobenzene	13.75	146	9990	3.272	ug/l #	72
92) 1,2-Dibromo-3-Chloropropan	14.34	75	8128	37.891	ug/l #	1

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QLast Update : Mon May 04 12:22:08 2020
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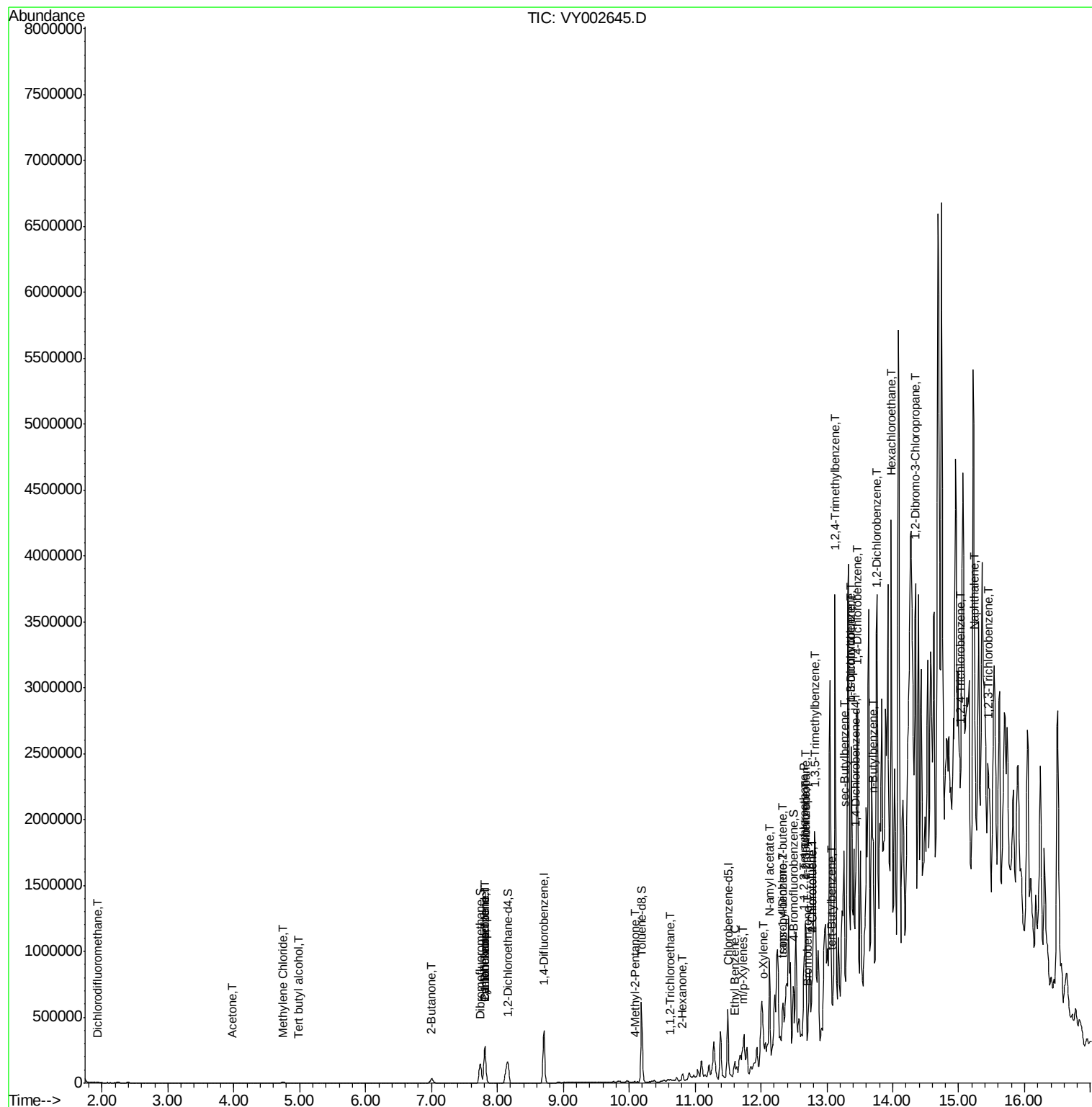
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.03	180	5506	2.484	ug/l #	1
95) Naphthalene	15.25	128	386650	95.621	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.45	180	10521	5.591	ug/l #	1

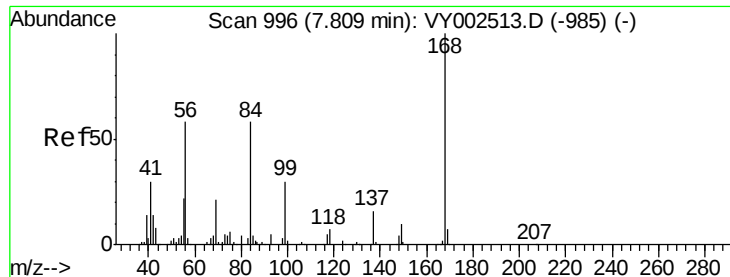
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY050820\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.00 min

Lab File: VY002645.D

Acq: 08 May 2020 16:07

Instrument :

MSVOA_Y

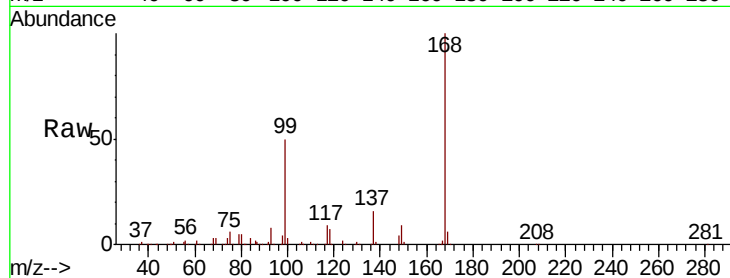
ClientSampled :

Tot Ion:168 Resp: 239112

Ion Ratio Lower Upper

168 100

99 49.9 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002645.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002645.D (-947) (-)

7.81

100000

80000

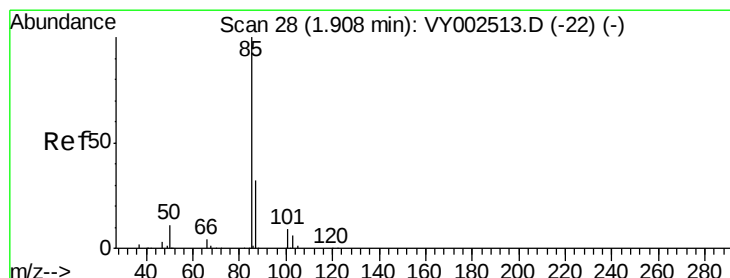
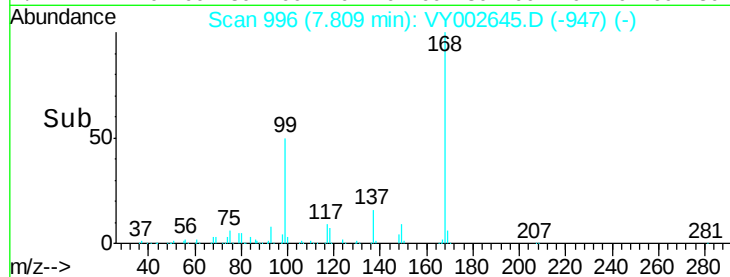
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.951 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.01 min

Lab File: VY002645.D

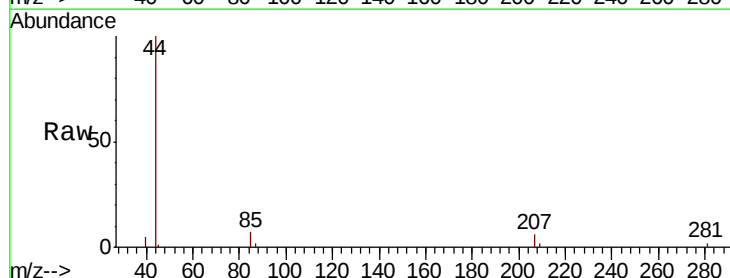
Acq: 08 May 2020 16:07

Tgt Ion: 85 Resp: 341

Ion Ratio Lower Upper

85 100

87 31.3 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002645.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002645.D (-1) (-)

1.92

300

250

200

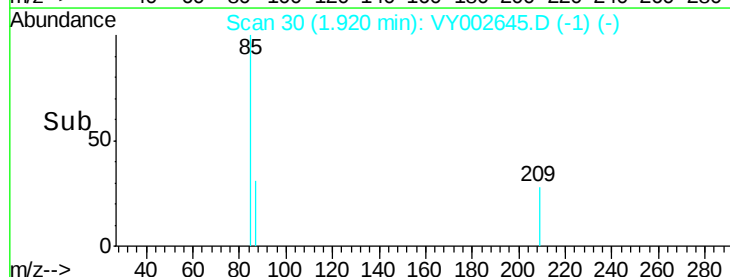
150

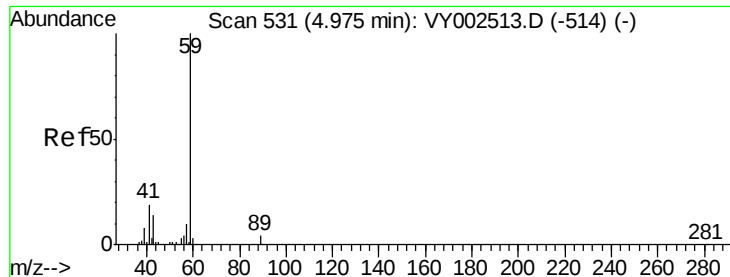
100

50

0

Time-->



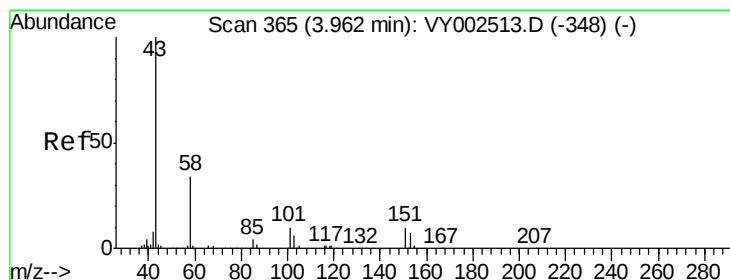
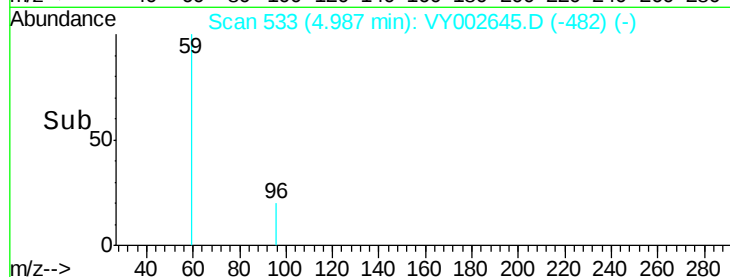
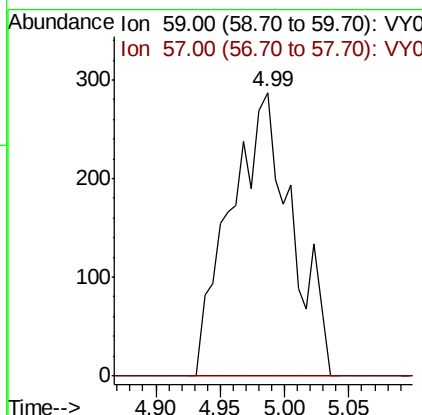
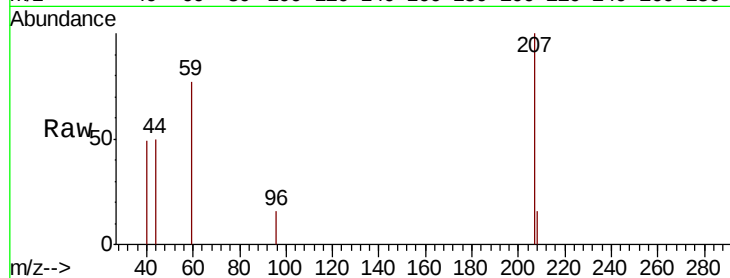


#11

Tert butyl alcohol
 Concen: 4.540 ug/l
 RT: 4.99 min Scan# 533
 Delta R.T. 0.01 min
 Lab File: VY002645.D
 Acq: 08 May 2020 16:07

Instrument :
 MSVOA_Y
 ClientSampleId :

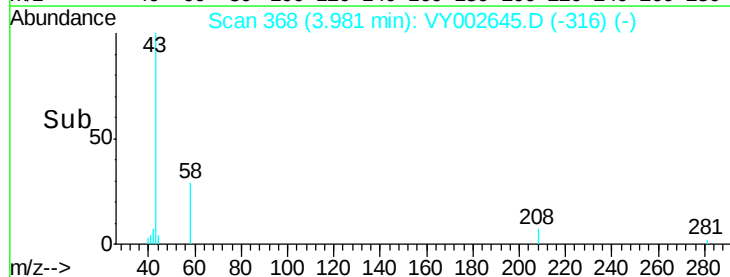
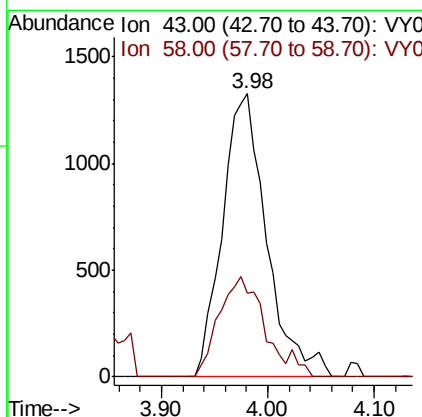
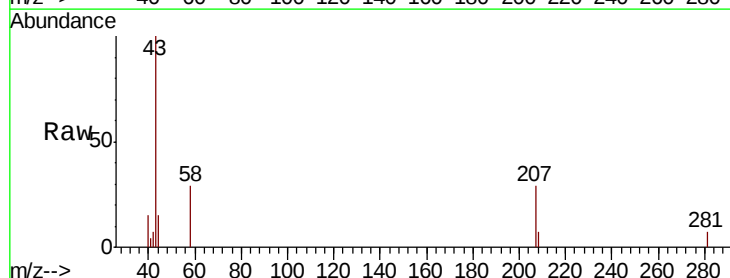
Tot Ion: 59 Resp: 939
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.6#

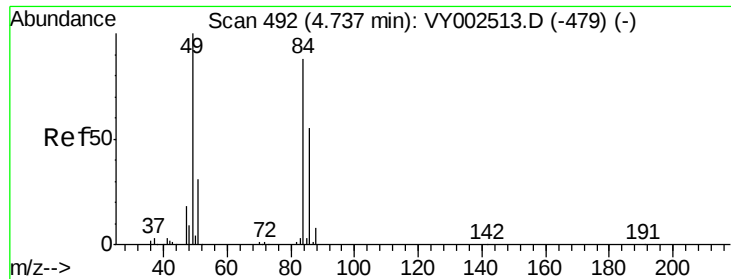


#16

Acetone
 Concen: 9.274 ug/l
 RT: 3.98 min Scan# 368
 Delta R.T. 0.02 min
 Lab File: VY002645.D
 Acq: 08 May 2020 16:07

Tgt Ion: 43 Resp: 3848
 Ion Ratio Lower Upper
 43 100
 58 29.4 26.9 40.3

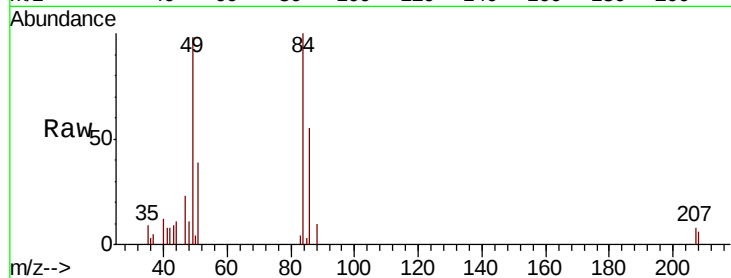




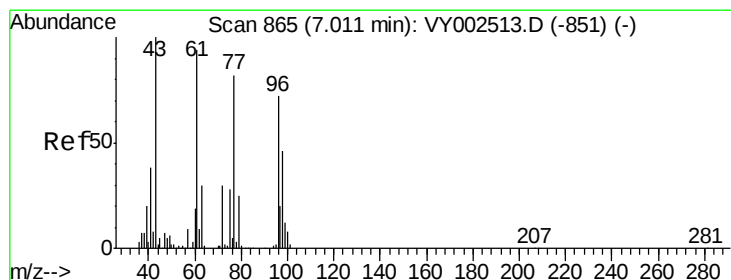
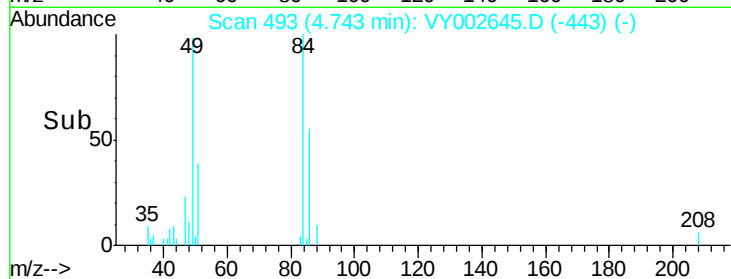
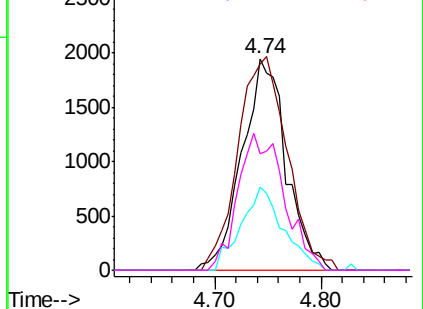
#20
Methvlene Chloride
Concen: 2.430 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002645.D
Acq: 08 May 2020 16:07

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 84 Resp: 5638
Ion Ratio Lower Upper
84 100
49 97.7 90.5 135.7
51 39.3 28.3 42.5
86 55.1 49.9 74.9

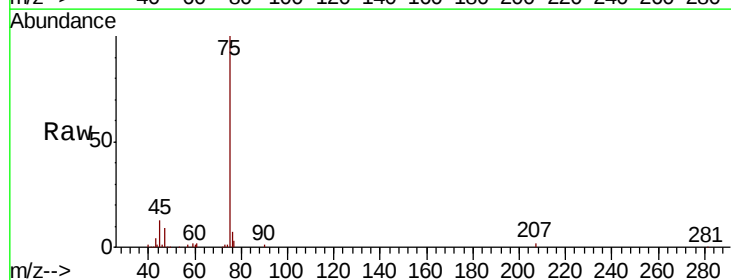


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

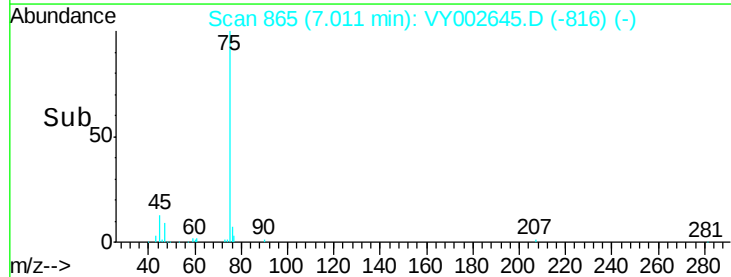
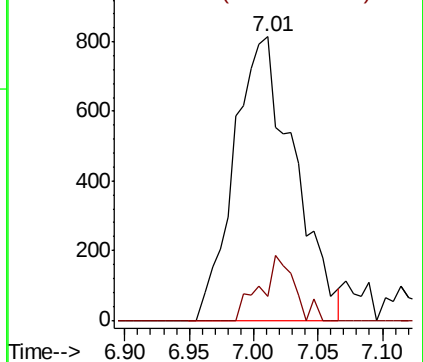


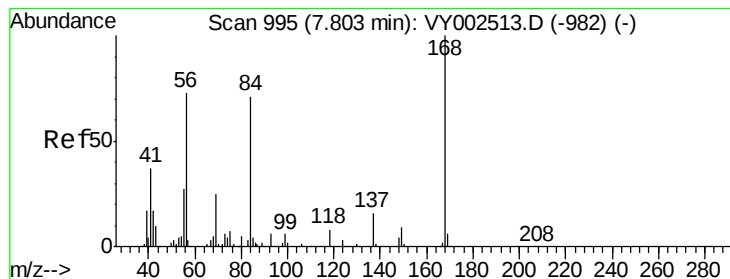
#25
2-Butanone
Concen: 3.871 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.00 min
Lab File: VY002645.D
Acq: 08 May 2020 16:07

Tgt Ion: 43 Resp: 2629
Ion Ratio Lower Upper
43 100
72 8.5 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0





#31

Cyclohexane

Concen: 1.009 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002645.D

Acq: 08 May 2020 16:07

Instrument :

MSVOA_Y

ClientSampled :

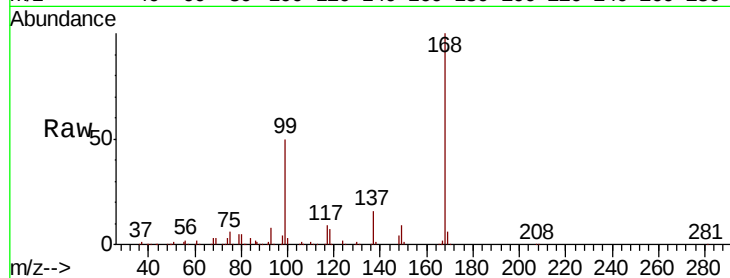
Tot Ion: 56 Resp: 3647

Ion Ratio Lower Upper

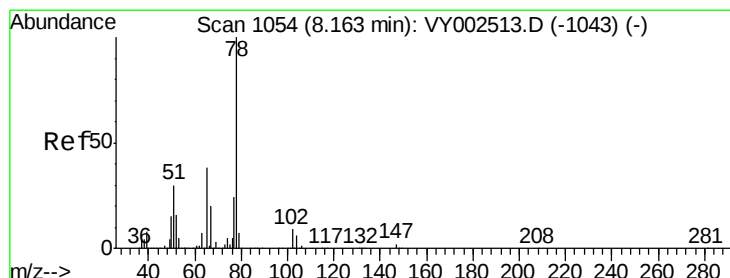
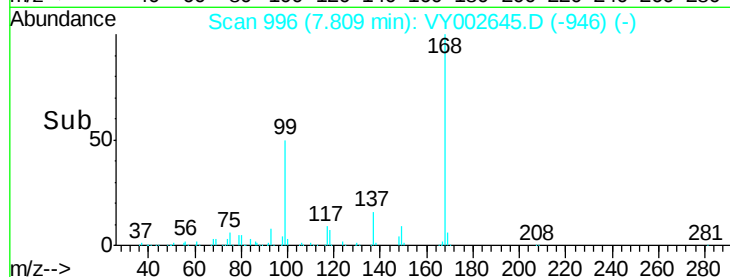
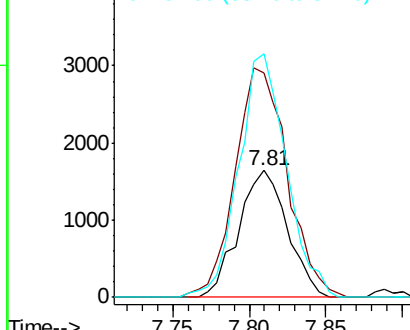
56 100

69 173.9 27.6 41.4#

84 192.3 77.7 116.5#



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: 47.497 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VY002645.D

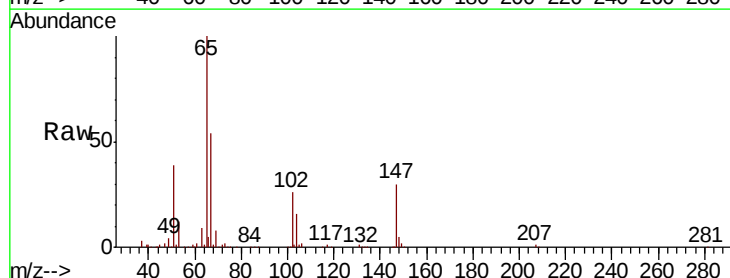
Acq: 08 May 2020 16:07

Tgt Ion: 65 Resp: 95493

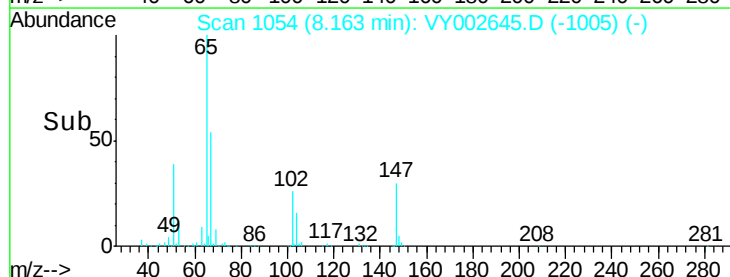
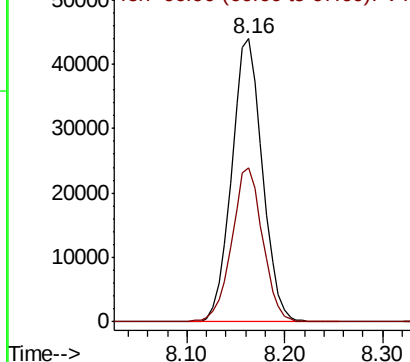
Ion Ratio Lower Upper

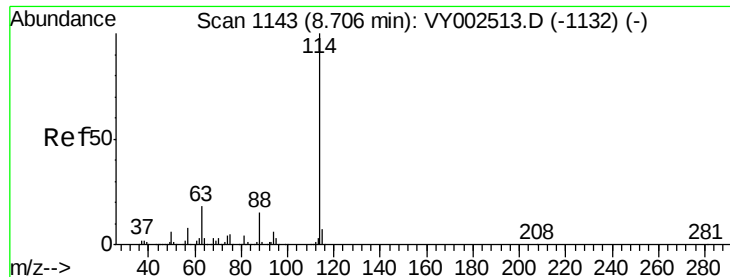
65 100

67 54.9 0.0 107.2



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: 8.71 min Scan# 1143

Delta R.T. -0.00 min

Lab File: VY002645.D

Acq: 08 May 2020 16:07

Instrument :

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ClientSampleId :

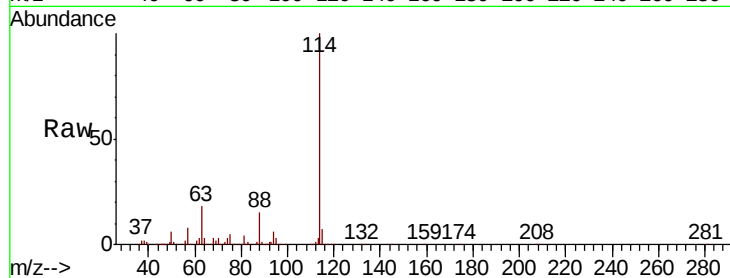
Tot Ion:114 Resp: 359707

Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.4

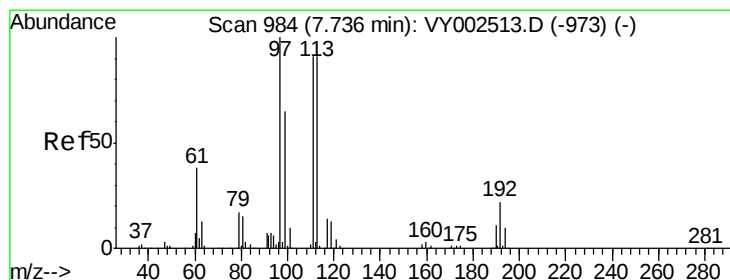
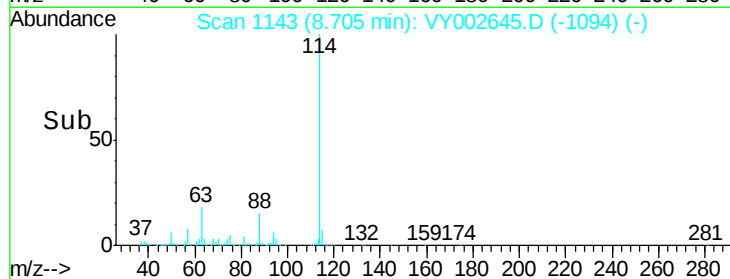
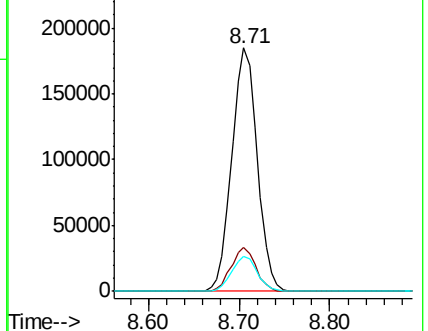
88 14.5 0.0 29.6



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: 50.526 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002645.D

Acq: 08 May 2020 16:07

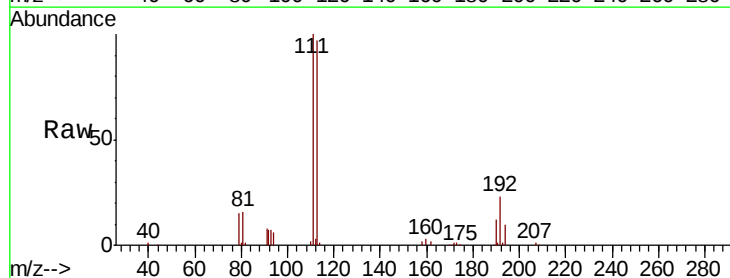
Tgt Ion:113 Resp: 103940

Ion Ratio Lower Upper

113 100

111 102.8 81.8 122.6

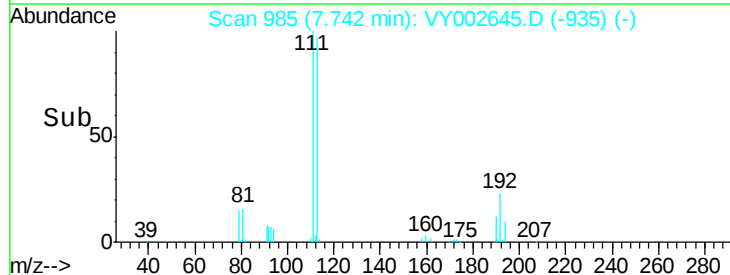
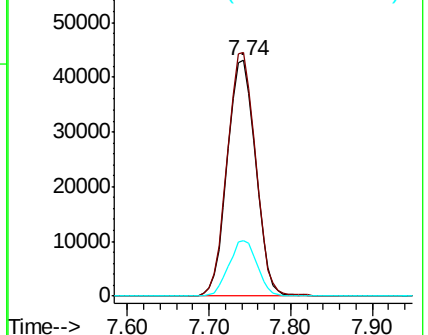
192 23.4 18.2 27.4

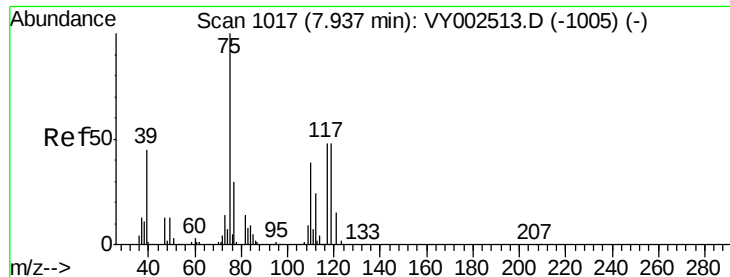


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

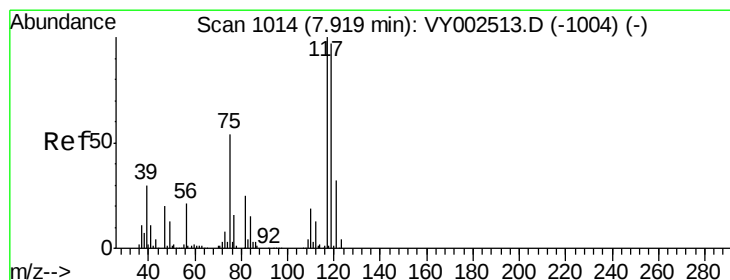
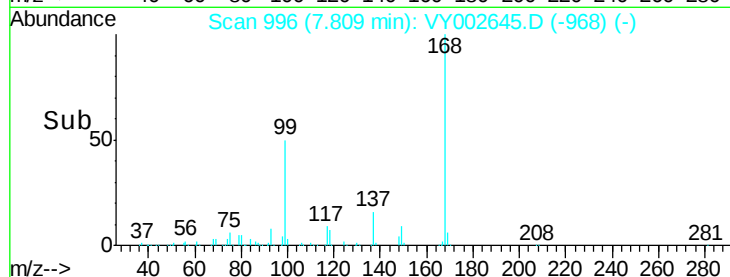
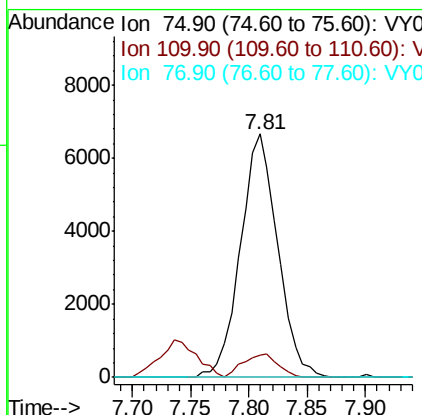
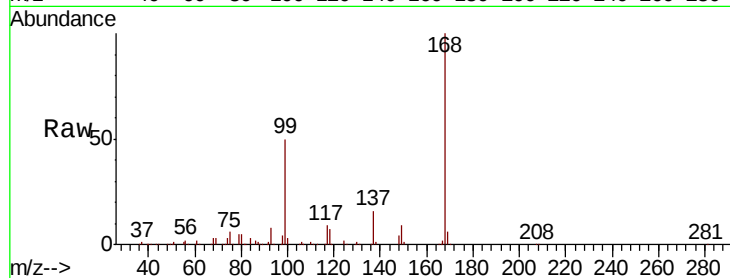




#36
 1,1-Dichloropropene
 Concen: 4.916 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.13 min
 Lab File: VY002645.D
 Acq: 08 May 2020 16:07

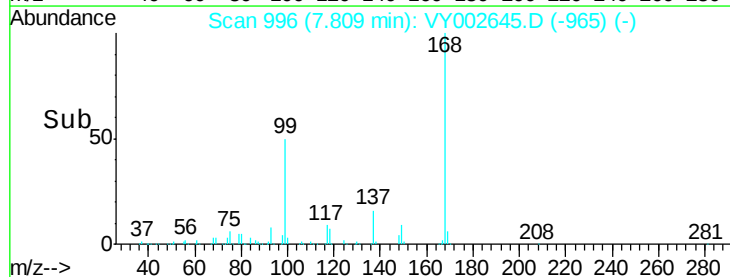
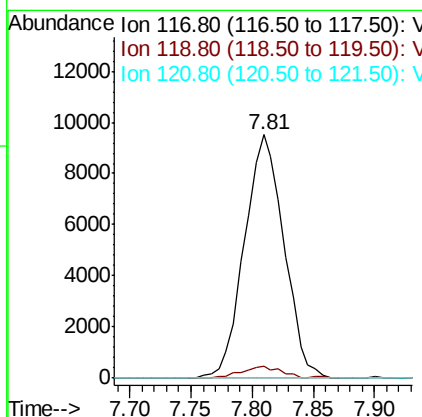
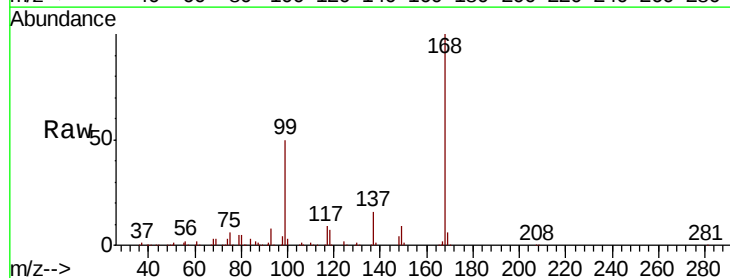
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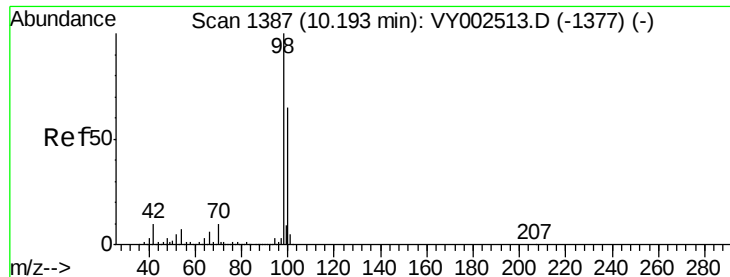
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.1	19.1	57.3#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 6.482 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.11 min
 Lab File: VY002645.D
 Acq: 08 May 2020 16:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.0	77.1	115.7#
121	0.0	25.2	37.8#





#50

Toluene-d8

Concen: 51.220 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY002645.D

Acq: 08 May 2020 16:07

Instrument :

MSVOA_Y

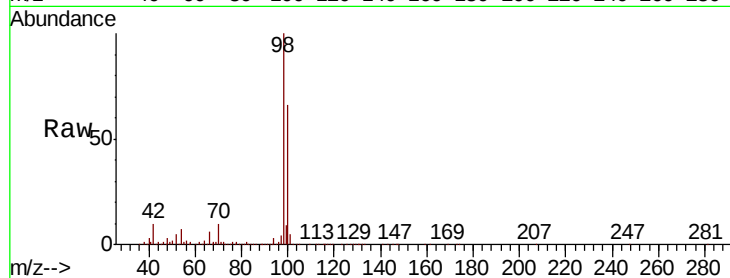
ClientSampled :

Tot Ion: 98 Resp: 411478

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

10.19

250000

200000

150000

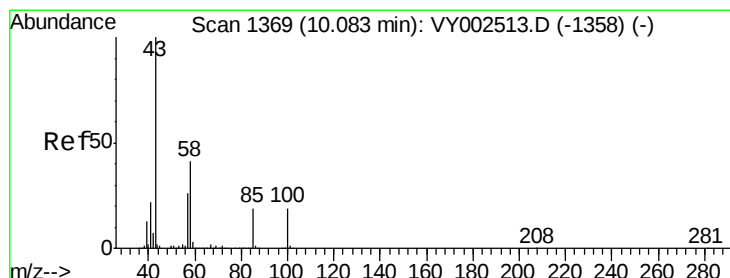
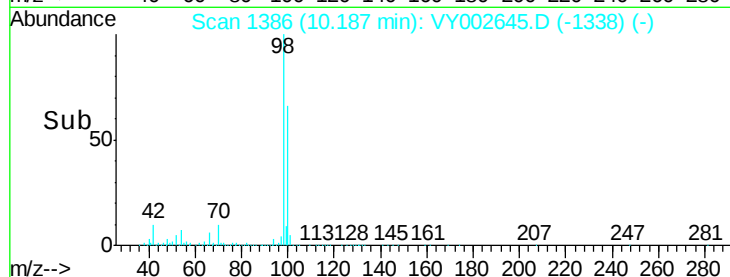
100000

50000

0

Time-->

10.10 10.20 10.30



#51

4-Methyl-2-Pentanone

Concen: 1.893 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VY002645.D

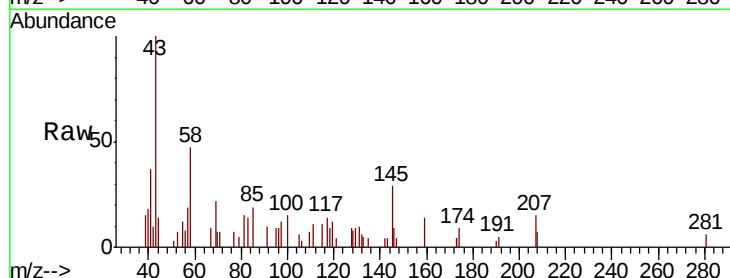
Acq: 08 May 2020 16:07

Tgt Ion: 43 Resp: 2834

Ion Ratio Lower Upper

43 100

58 43.1 33.2 49.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.08

1500

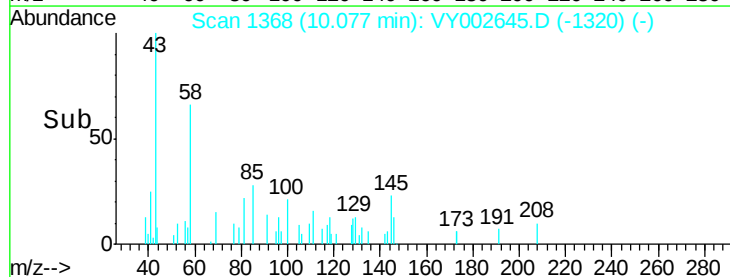
1000

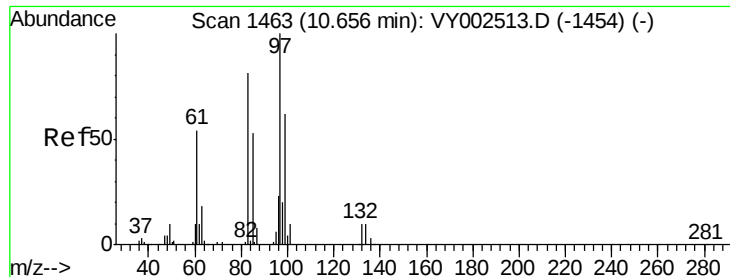
500

0

Time-->

10.05 10.10

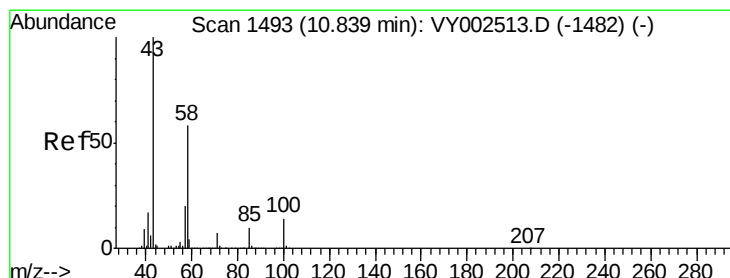
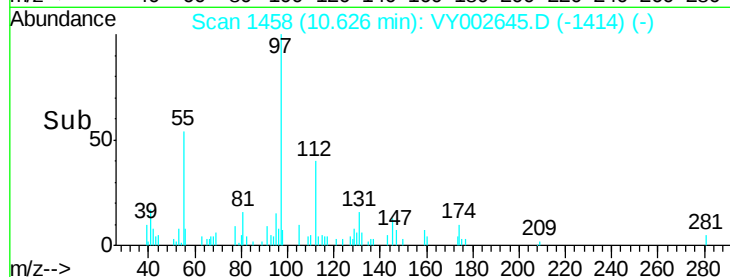
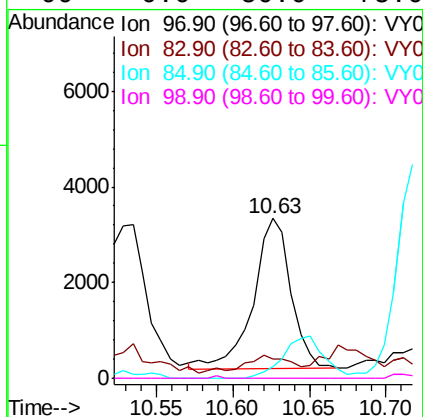
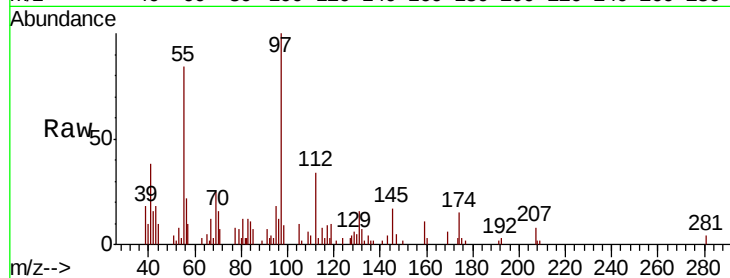




#55
 1,1,2-Trichloroethane
 Concen: 3.085 ug/l
 RT: 10.63 min Scan# 1458
 Delta R.T. -0.03 min
 Lab File: VY002645.D
 Acq: 08 May 2020 16:07

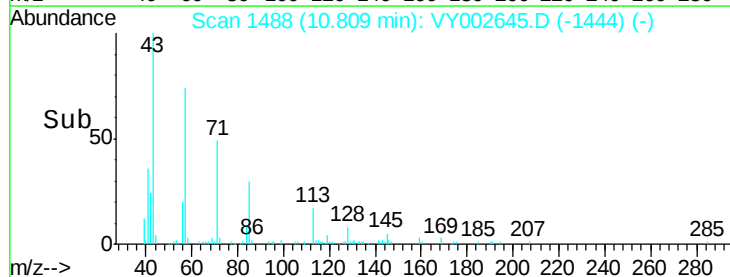
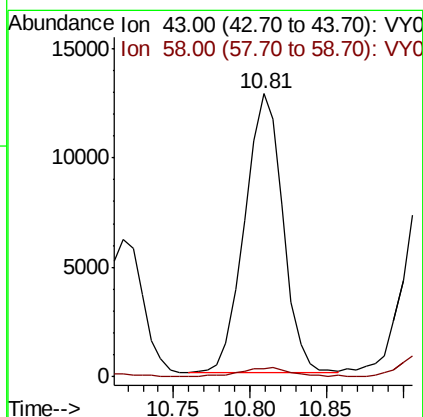
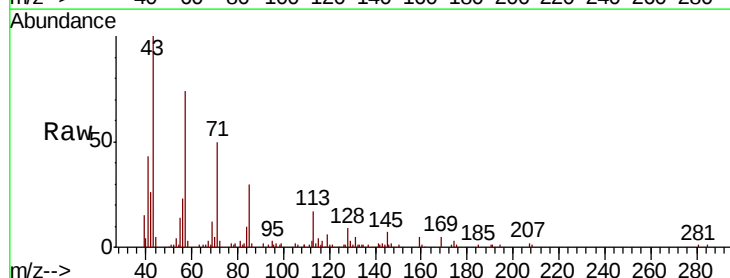
Instrument :
 MSVOA_Y
 ClientSampled :

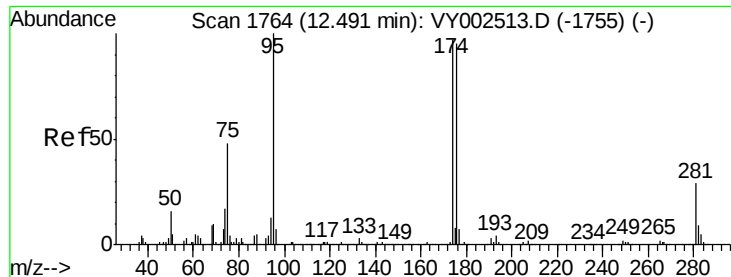
Tot Ion: 97 Resp: 5441
 Ion Ratio Lower Upper
 97 100
 83 5.3 65.1 97.7#
 85 7.8 42.7 64.1#
 99 0.0 50.0 75.0#



#59
 2-Hexanone
 Concen: 21.368 ug/l
 RT: 10.81 min Scan# 1488
 Delta R.T. -0.03 min
 Lab File: VY002645.D
 Acq: 08 May 2020 16:07

Tgt Ion: 43 Resp: 22021
 Ion Ratio Lower Upper
 43 100
 58 4.3 29.1 87.3#

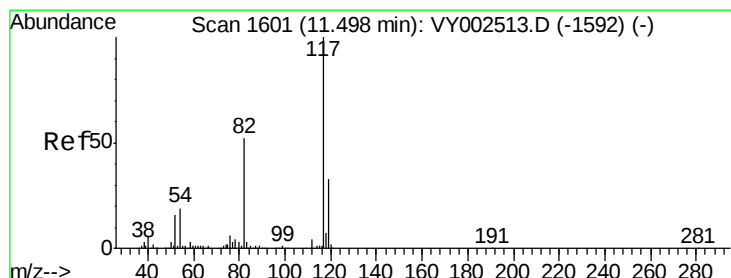
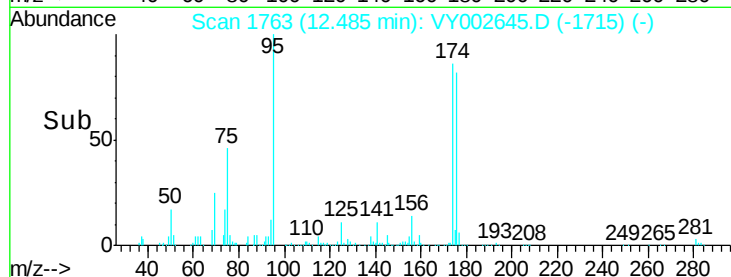
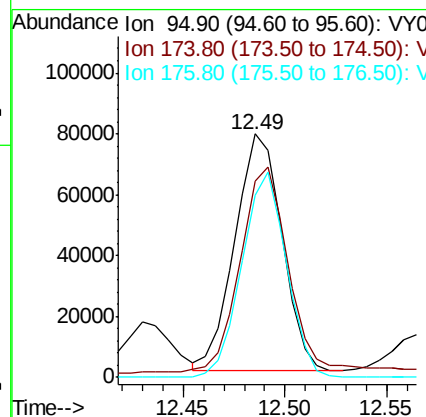
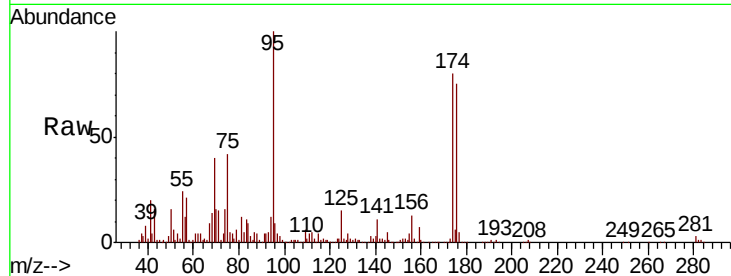




#62
4-Bromofluorobenzene
Concen: 45.663 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY002645.D
Acq: 08 May 2020 16:07

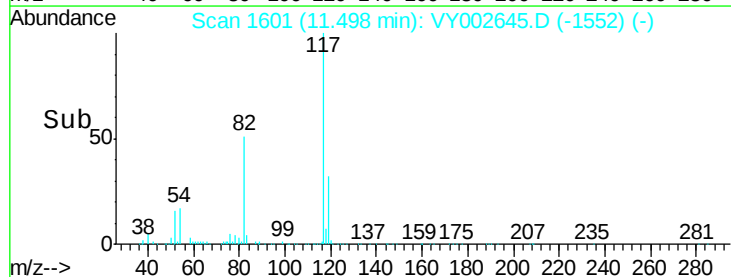
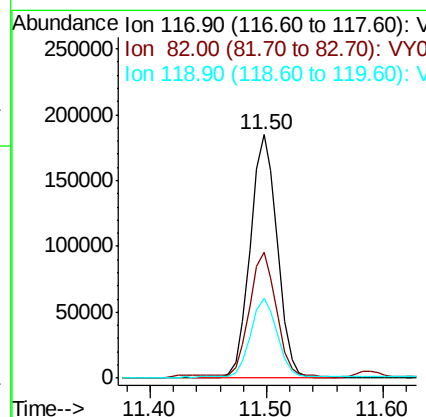
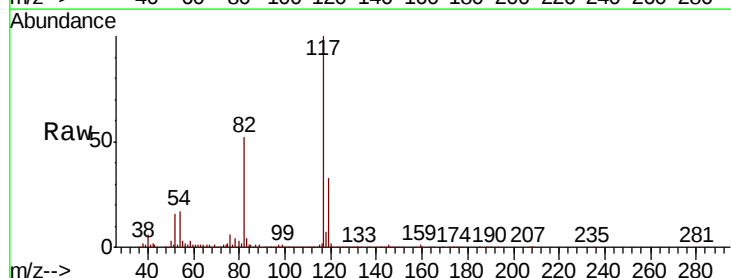
Instrument :
MSVOA_Y
ClientSampled :

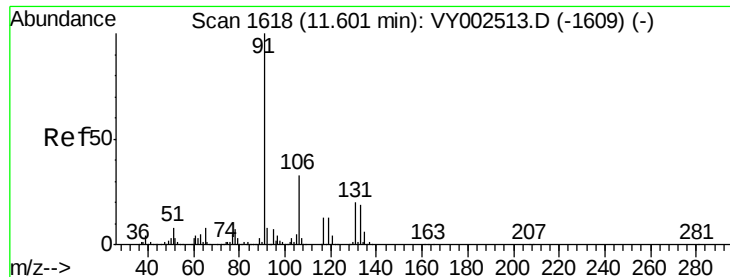
Tot Ion: 95 Resp: 124478
Ion Ratio Lower Upper
95 100
174 101.1 0.0 188.8
176 82.1 0.0 183.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002645.D
Acq: 08 May 2020 16:07

Tgt Ion: 117 Resp: 298209
Ion Ratio Lower Upper
117 100
82 51.1 41.3 61.9
119 32.4 26.0 39.0





#67

Ethyl Benzene

Concen: 7.276 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VY002645.D

Acq: 08 May 2020 16:07

Instrument :

MSVOA_Y

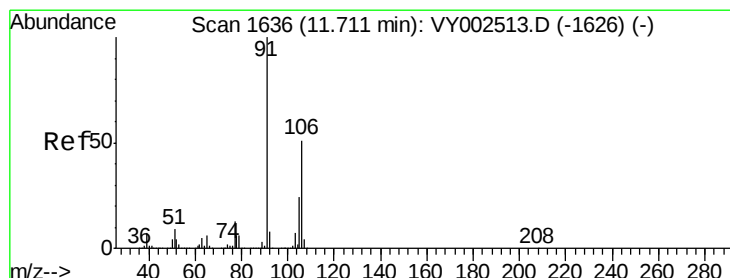
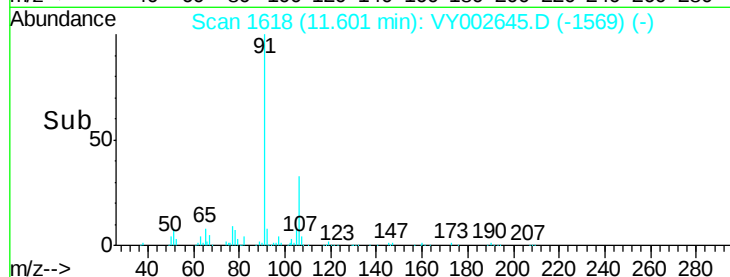
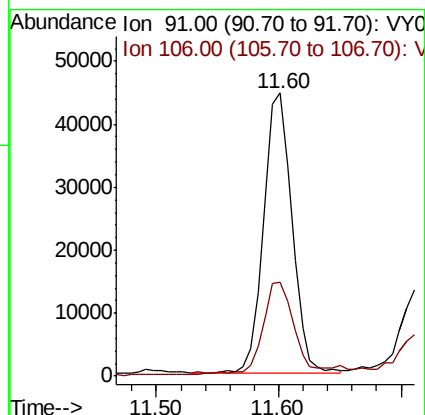
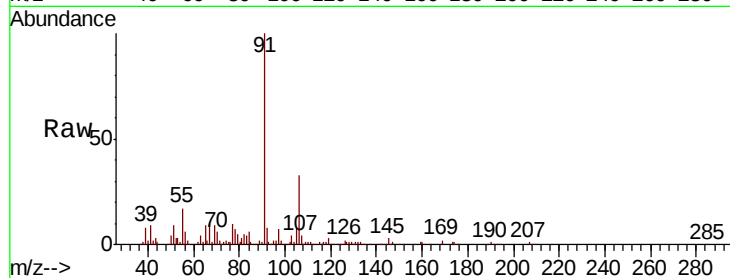
ClientSampled :

Tot Ion: 91 Resp: 72452

Ion Ratio Lower Upper

91 100

106 32.9 26.1 39.1



#68

m/p-Xylenes

Concen: 3.290 ug/l

RT: 11.72 min Scan# 1637

Delta R.T. 0.01 min

Lab File: VY002645.D

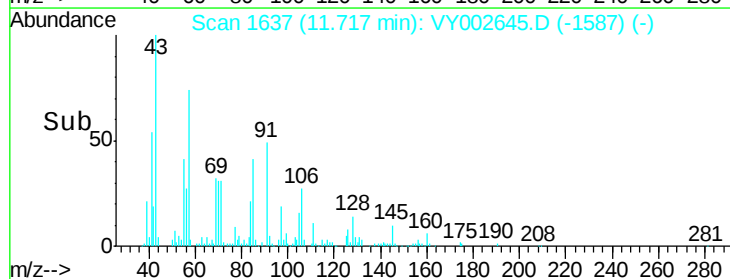
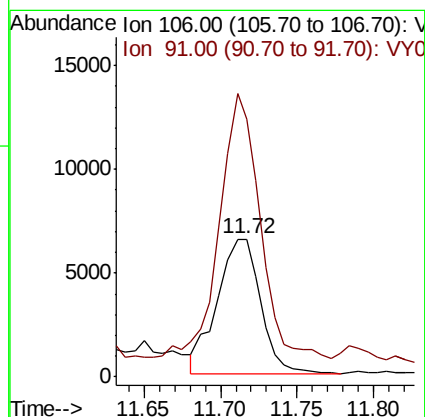
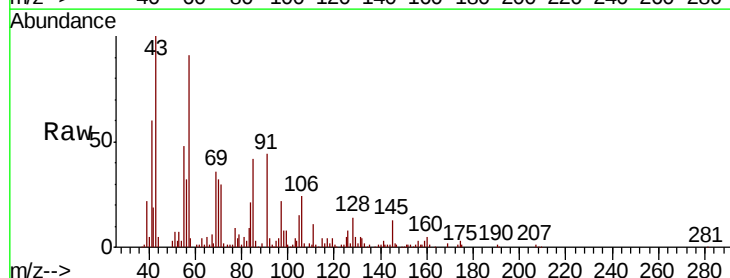
Acq: 08 May 2020 16:07

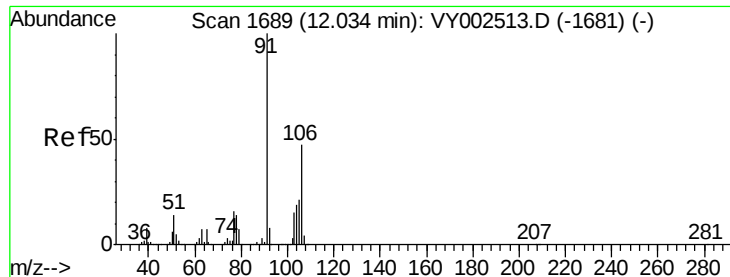
Tgt Ion: 106 Resp: 12678

Ion Ratio Lower Upper

106 100

91 191.1 155.2 232.8

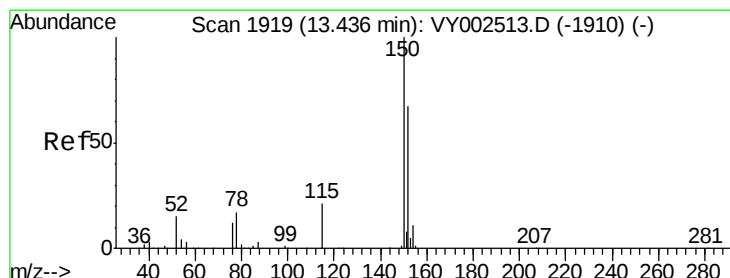
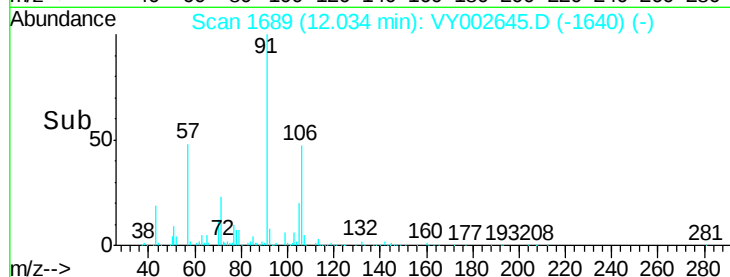
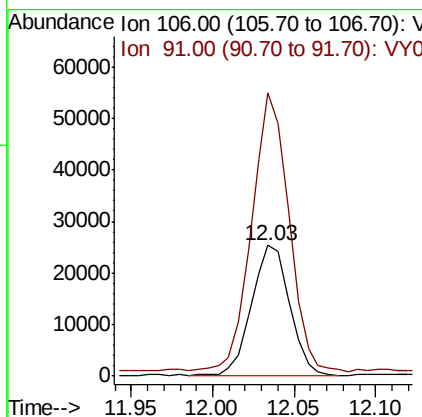
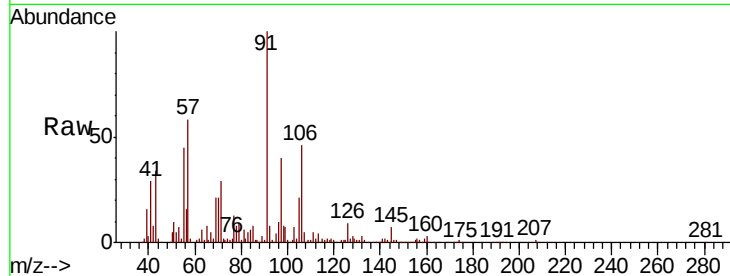




#69
o-Xylene
Concen: 11.188 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY002645.D
Acq: 08 May 2020 16:07

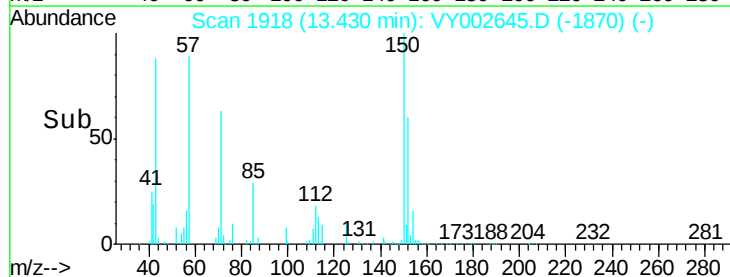
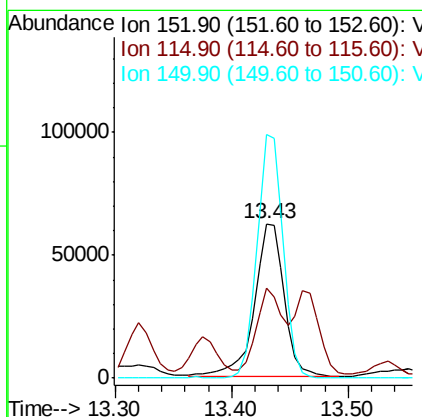
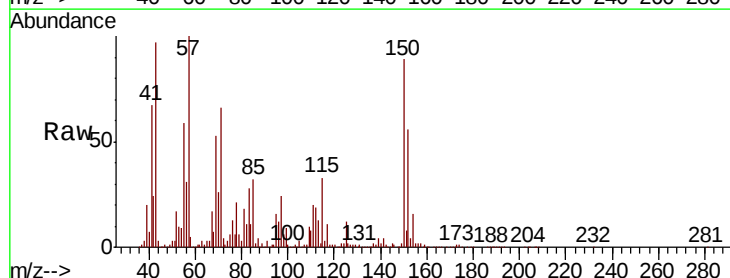
Instrument :
MSVOA_Y
ClientSampled :

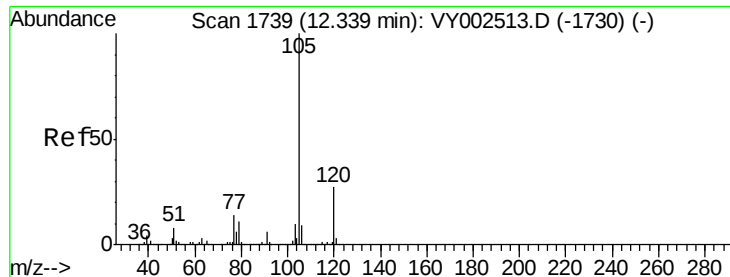
Tot Ion:106 Resp: 40362
Ion Ratio Lower Upper
106 100
91 211.7 103.8 311.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002645.D
Acq: 08 May 2020 16:07

Tgt Ion:152 Resp: 111648
Ion Ratio Lower Upper
152 100
115 46.6 27.5 82.4
150 138.2 0.0 346.4





#73

Isopropylbenzene

Concen: 27.352 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VY002645.D

Acq: 08 May 2020 16:07

Instrument :

MSVOA_Y

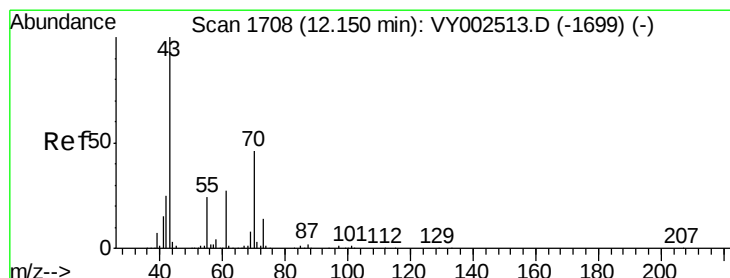
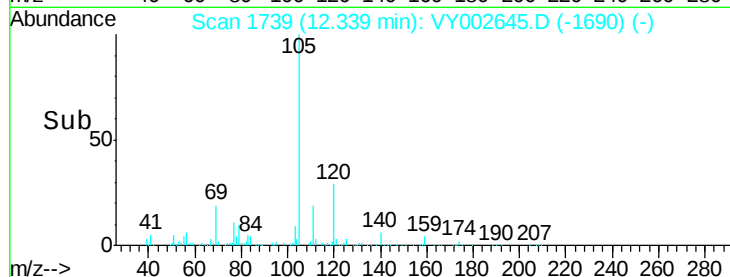
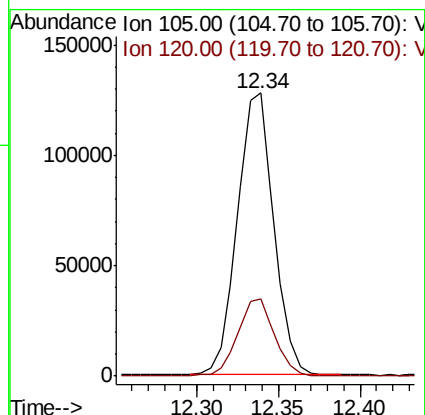
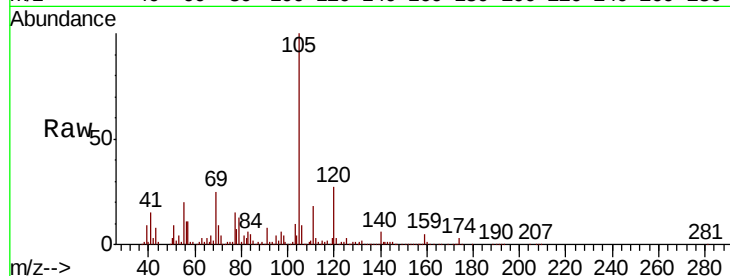
ClientSampled :

Tot Ion:105 Resp: 197916

Ion Ratio Lower Upper

105 100

120 28.0 13.8 41.3



#74

N-ethyl acetate

Concen: 95.735 ug/l

RT: 12.13 min Scan# 1705

Delta R.T. -0.02 min

Lab File: VY002645.D

Acq: 08 May 2020 16:07

Tgt Ion: 43 Resp: 166638

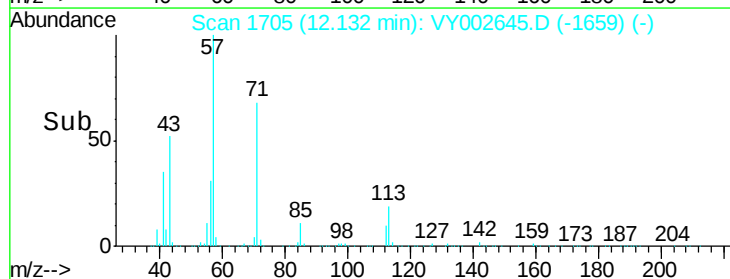
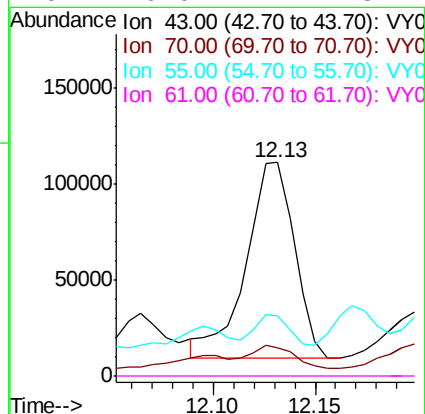
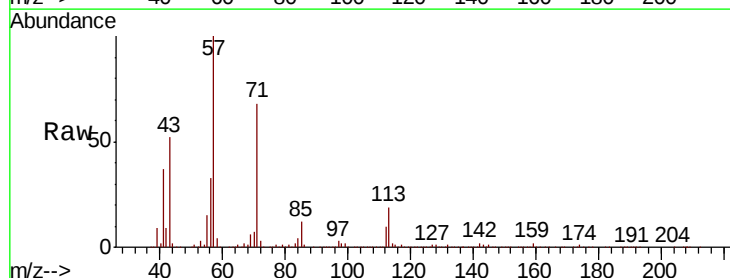
Ion Ratio Lower Upper

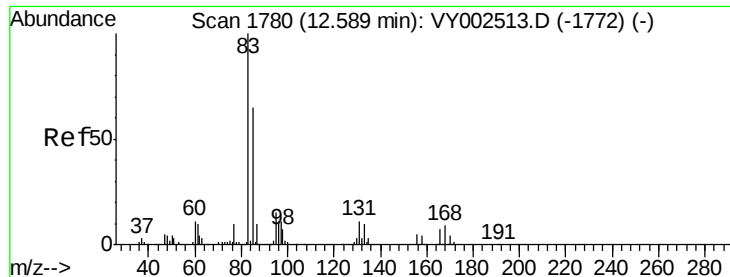
43 100

70 11.1 36.7 55.1#

55 10.4 19.2 28.8#

61 0.0 21.1 31.7#





#75

1,1,2,2-Tetrachloroethane

Concen: 53.280 ug/l

RT: 12.65 min Scan# 1790

Delta R.T. 0.06 min

Lab File: VY002645.D

Acq: 08 May 2020 16:07

Instrument :

MSVOA_Y

ClientSampleId :

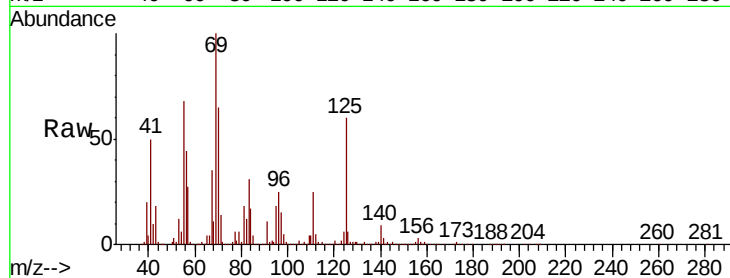
Tot Ion: 83 Resp: 61313

Ion Ratio Lower Upper

83 100

131 0.0 5.9 17.8#

85 19.2 31.9 95.9#



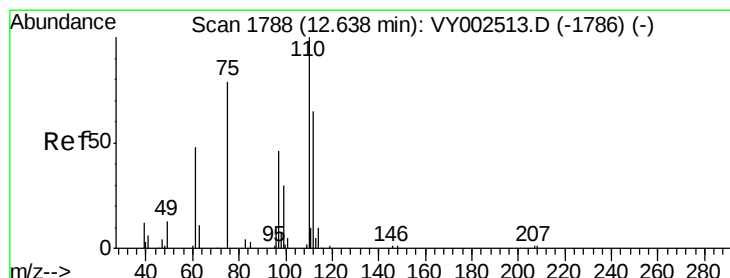
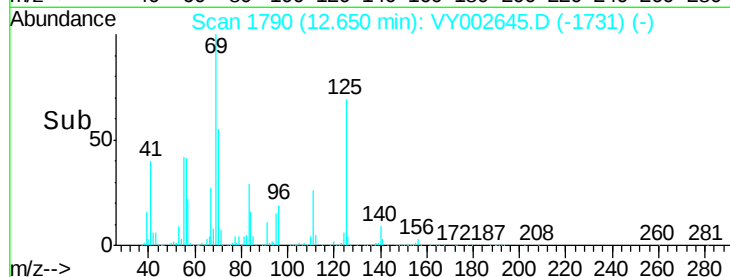
Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0

12.65

Time--> 12.55 12.60 12.65 12.70



#76

1,2,3-Trichloropropane

Concen: 4.573 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.04 min

Lab File: VY002645.D

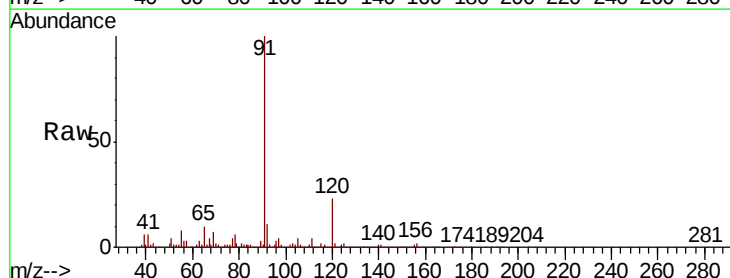
Acq: 08 May 2020 16:07

Tgt Ion: 75 Resp: 4537

Ion Ratio Lower Upper

75 100

77 737.1 0.0 0.0#

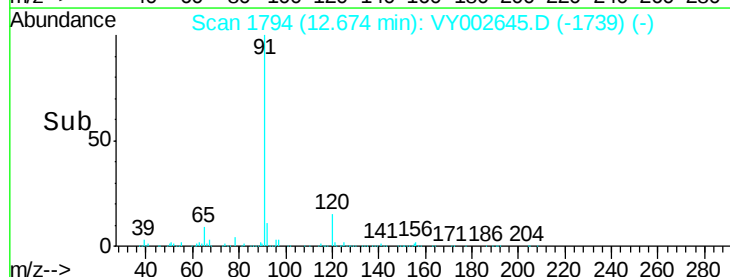


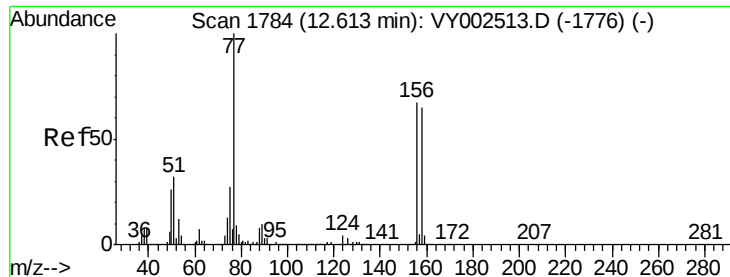
Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0

12.67

Time--> 12.65 12.70





#77

Bromobenzene

Concen: 32.605 ug/l

RT: 12.70 min Scan# 1799

Delta R.T. 0.09 min

Lab File: VY002645.D

Acq: 08 May 2020 16:07

Instrument :

MSVOA_Y

ClientSampleId :

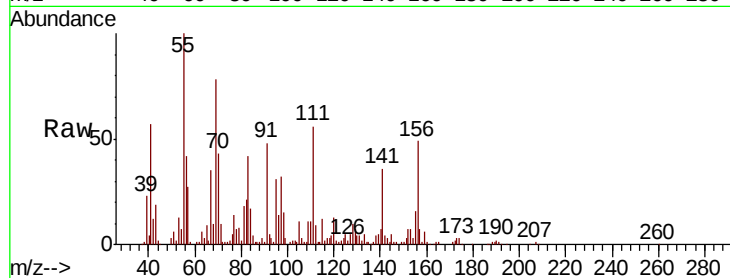
Tot Ion:156 Resp: 58943

Ion Ratio Lower Upper

156 100

77 0.0 82.0 245.8#

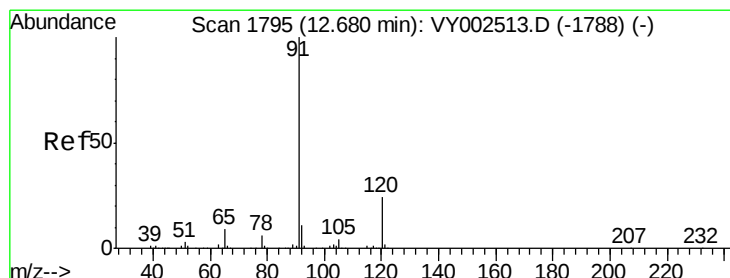
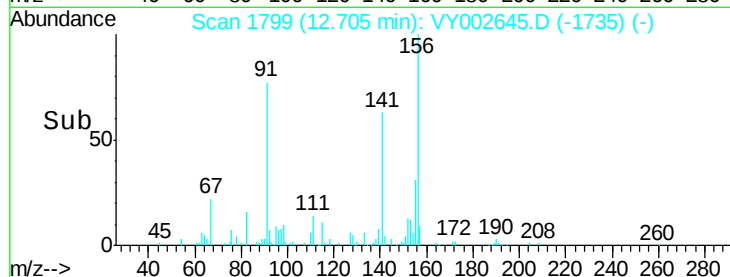
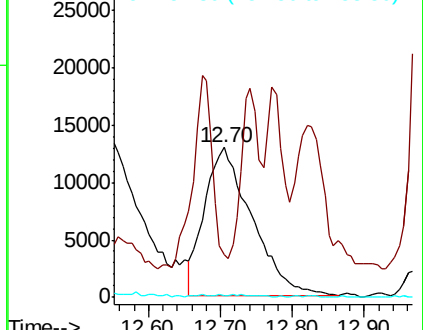
158 0.2 48.5 145.6#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 84.697 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VY002645.D

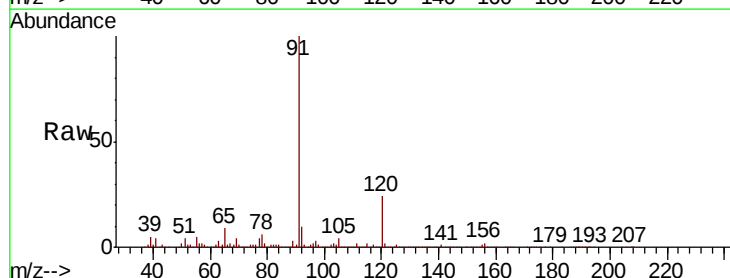
Acq: 08 May 2020 16:07

Tgt Ion: 91 Resp: 711208

Ion Ratio Lower Upper

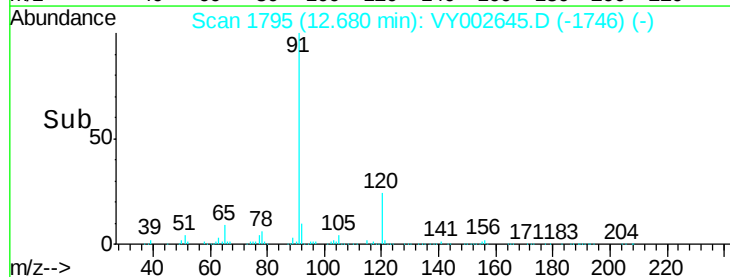
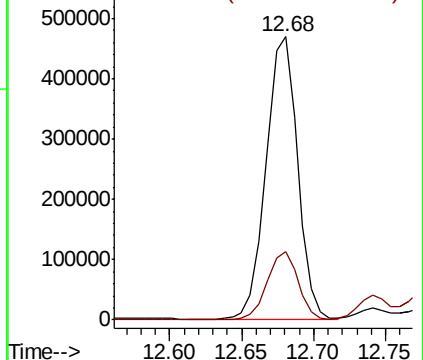
91 100

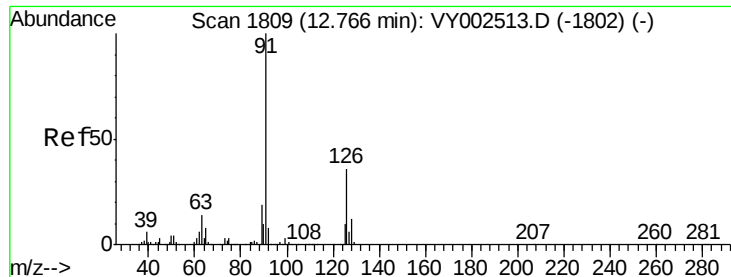
120 23.8 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 4.709 ug/l

RT: 12.77 min Scan# 1810

Delta R.T. 0.01 min

Lab File: VY002645.D

Acq: 08 May 2020 16:07

Instrument :

MSVOA_Y

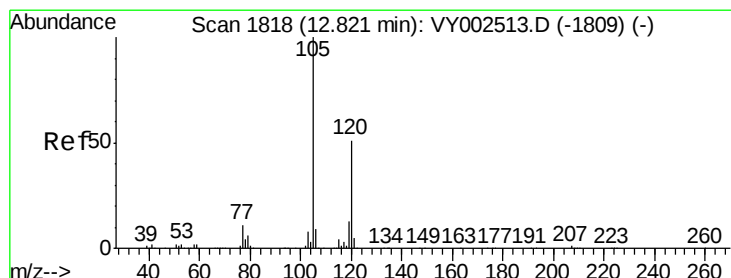
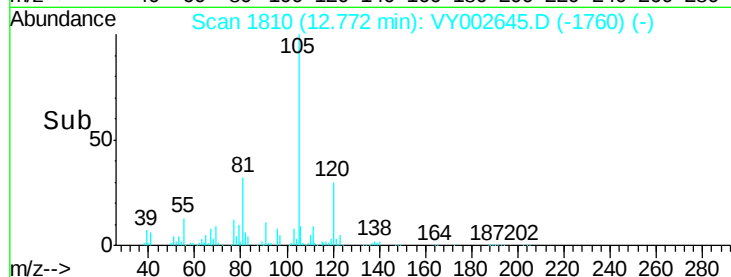
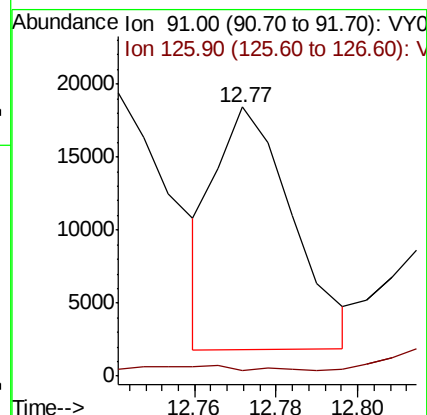
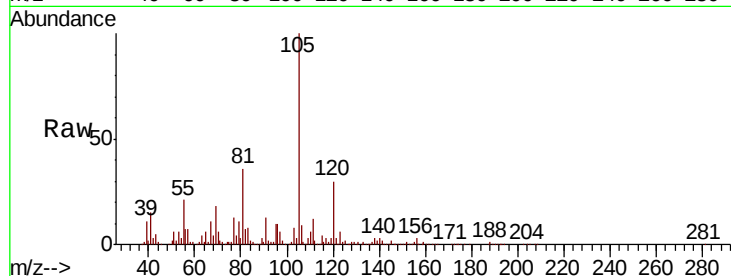
ClientSampled :

Tot Ion: 91 Resp: 21904

Ion Ratio Lower Upper

91 100

126 2.0 18.4 55.2#



#80

1,3,5-Trimethylbenzene

Concen: 12.784 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VY002645.D

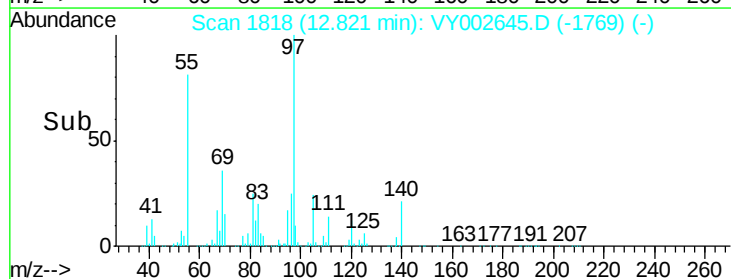
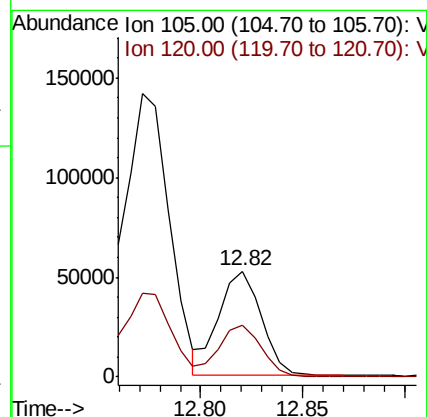
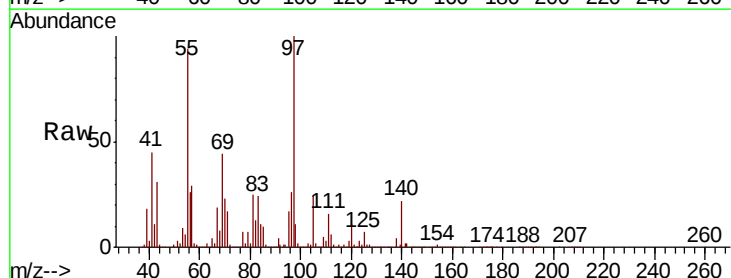
Acq: 08 May 2020 16:07

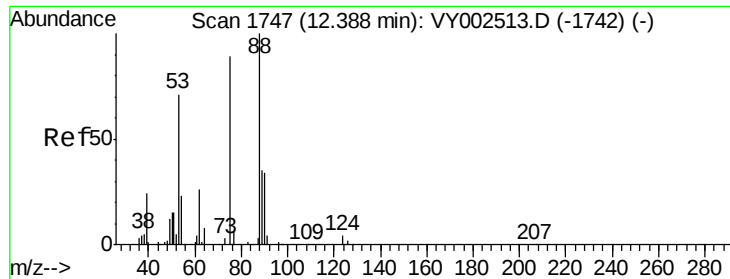
Tgt Ion: 105 Resp: 76677

Ion Ratio Lower Upper

105 100

120 49.5 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 4.329 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. -0.05 min

Lab File: VY002645.D

Acq: 08 May 2020 16:07

Instrument :

MSVOA_Y

ClientSampled :

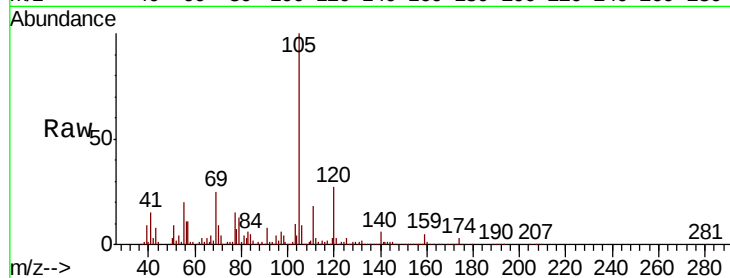
Tot Ion: 75 Resp: 2142

Ion Ratio Lower Upper

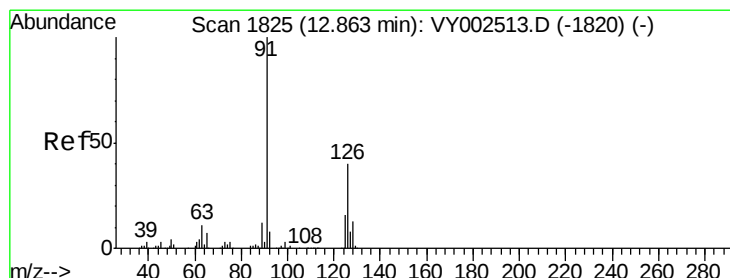
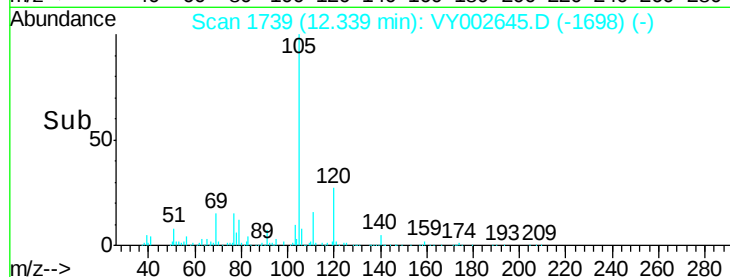
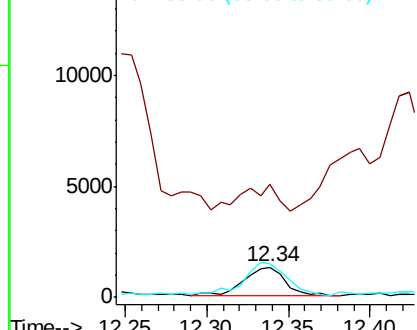
75 100

53 69.8 67.4 101.0

89 139.3 37.4 56.0#



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: 4.483 ug/l

RT: 12.77 min Scan# 1810

Delta R.T. -0.09 min

Lab File: VY002645.D

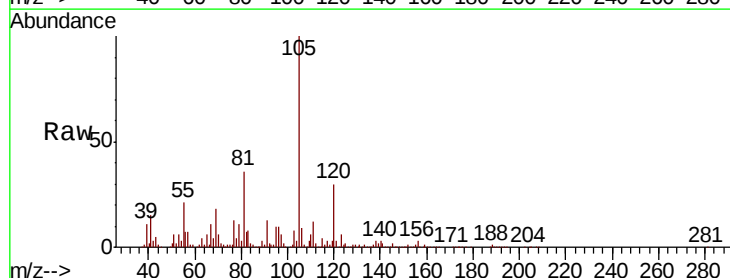
Acq: 08 May 2020 16:07

Tgt Ion: 91 Resp: 21904

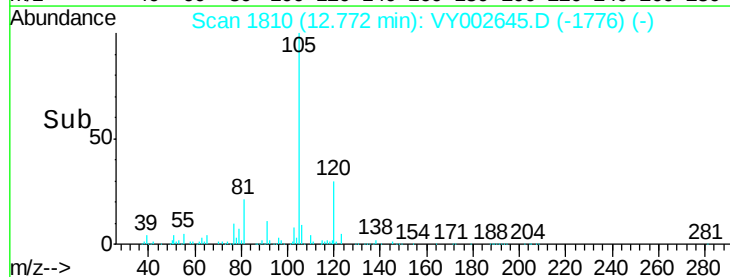
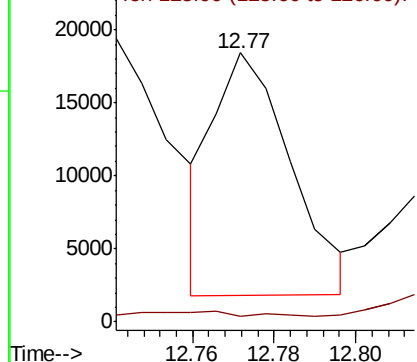
Ion Ratio Lower Upper

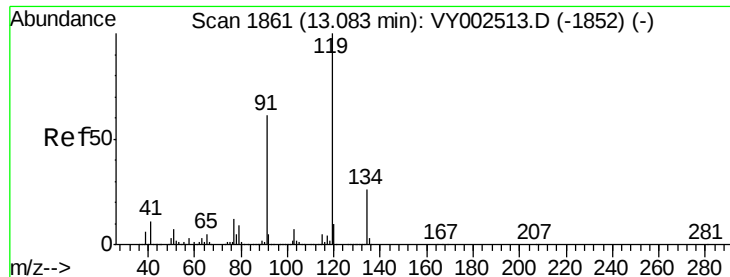
91 100

126 2.0 18.5 55.5#



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

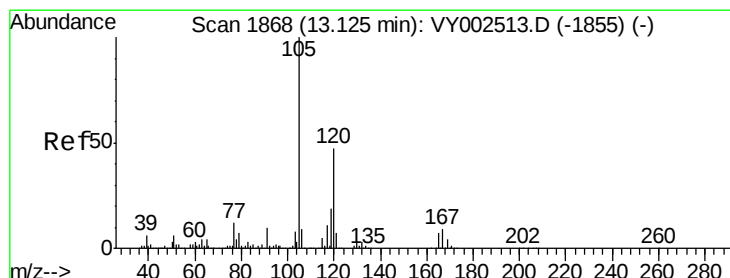
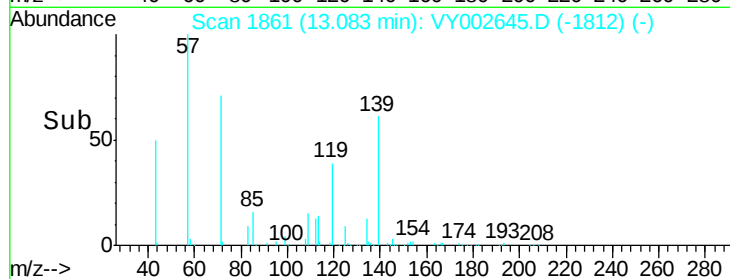
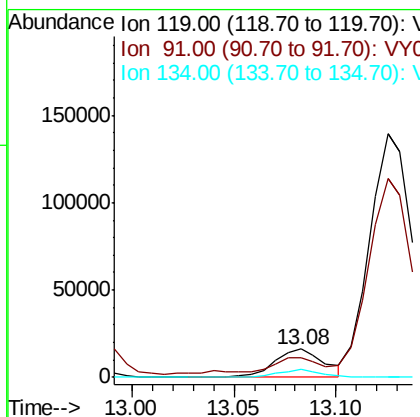
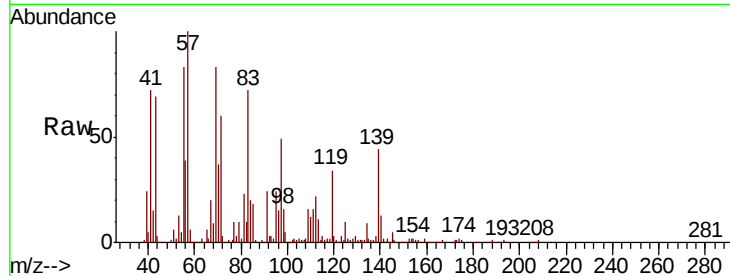




#83
tert-Butylbenzene
Concen: 4.925 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VY002645.D
Acq: 08 May 2020 16:07

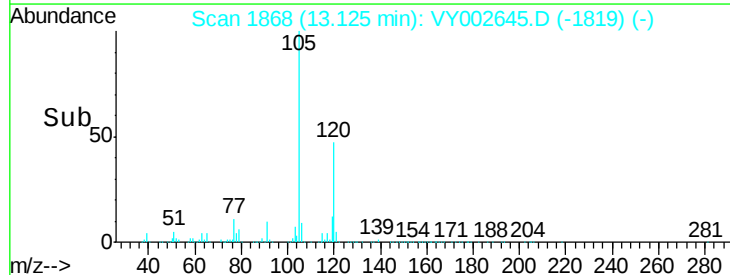
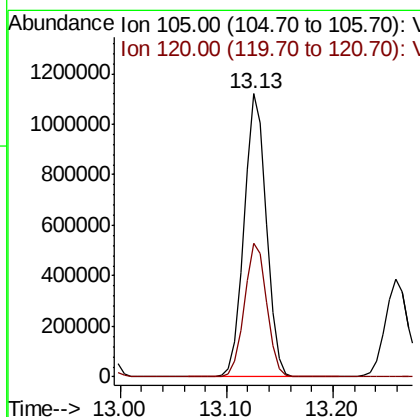
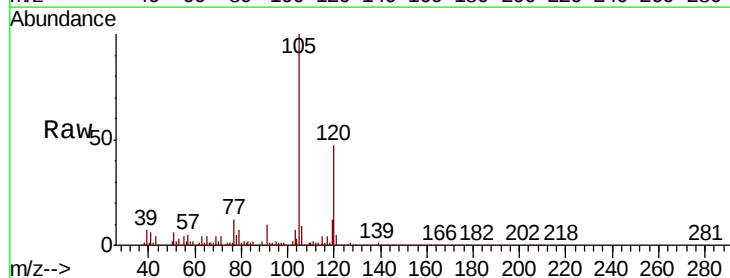
Instrument :
MSVOA_Y
ClientSampled :

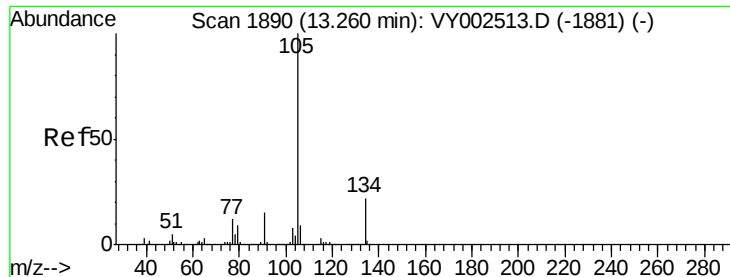
Tot Ion:119 Resp: 25900
Ion Ratio Lower Upper
119 100
91 65.8 30.6 91.6
134 23.9 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 274.193 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VY002645.D
Acq: 08 May 2020 16:07

Tgt Ion:105 Resp: 1639032
Ion Ratio Lower Upper
105 100
120 47.4 23.4 70.3





#85

sec-Butylbenzene

Concen: 78.901 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY002645.D

Acq: 08 May 2020 16:07

Instrument :

MSVOA_Y

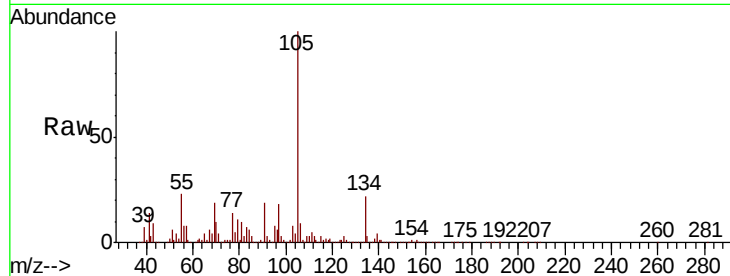
ClientSampled :

Tot Ion:105 Resp: 575800

Ion Ratio Lower Upper

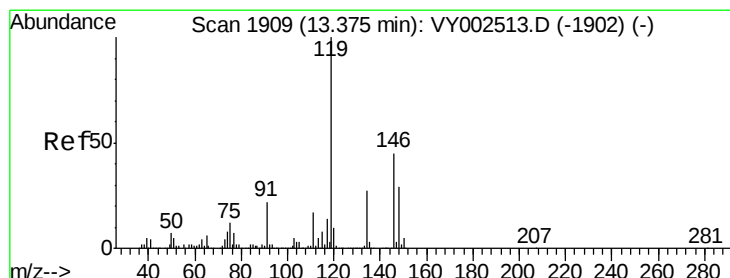
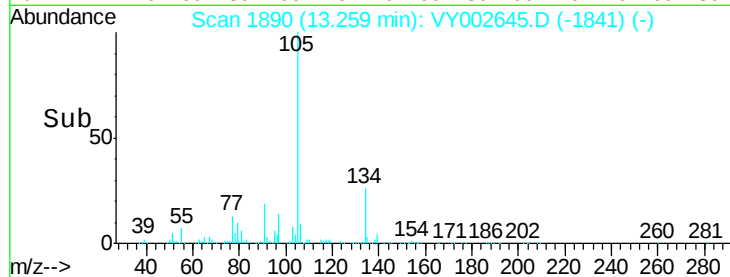
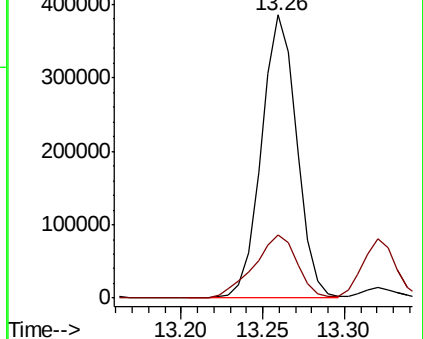
105 100

134 27.5 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 38.307 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY002645.D

Acq: 08 May 2020 16:07

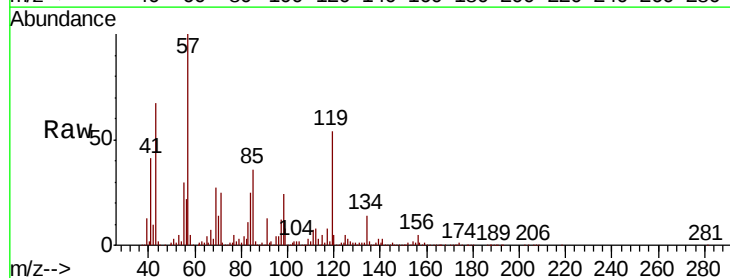
Tgt Ion:119 Resp: 261943

Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.5

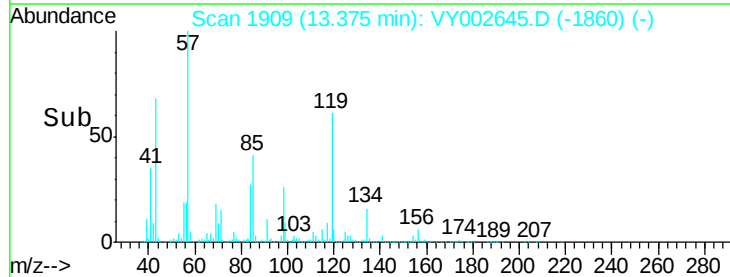
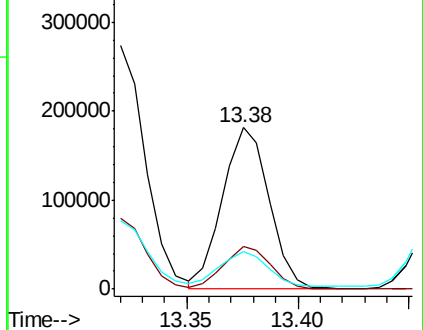
91 22.8 10.9 32.9

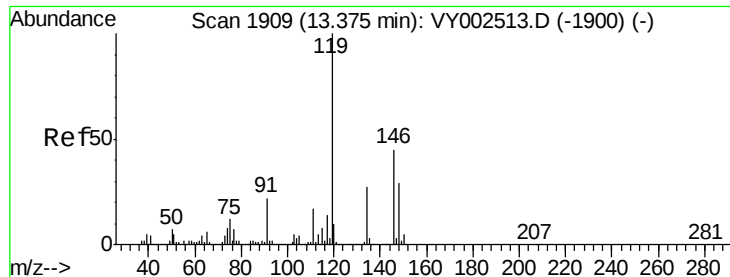


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 1.154 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY002645.D

Acq: 08 May 2020 16:07

Instrument :

MSVOA_Y

ClientSampleId :

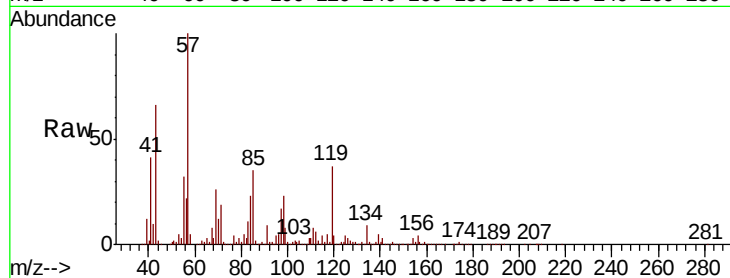
Tot Ion:146 Resp: 3948

Ion Ratio Lower Upper

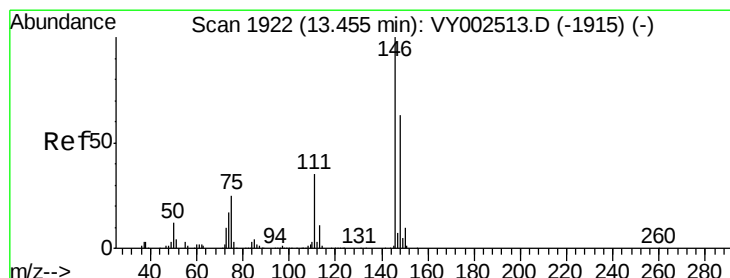
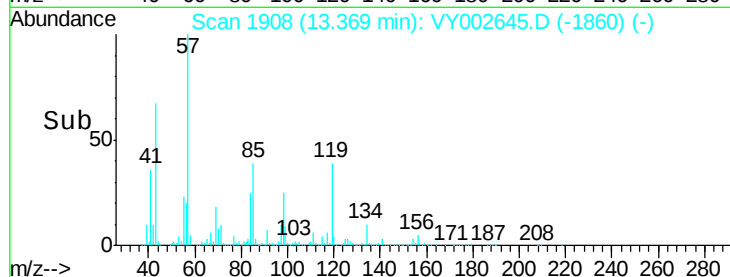
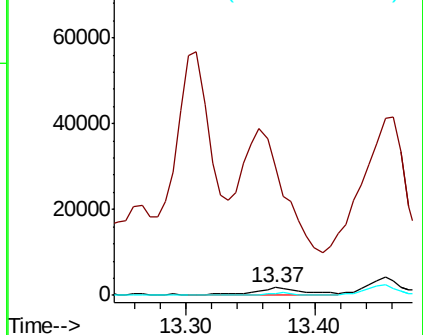
146 100

111 1605.1 18.8 56.3#

148 27.1 32.1 96.3#



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 1.983 ug/l

RT: 13.45 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VY002645.D

Acq: 08 May 2020 16:07

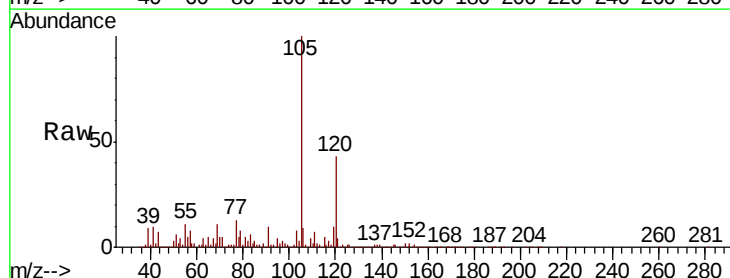
Tgt Ion:146 Resp: 6720

Ion Ratio Lower Upper

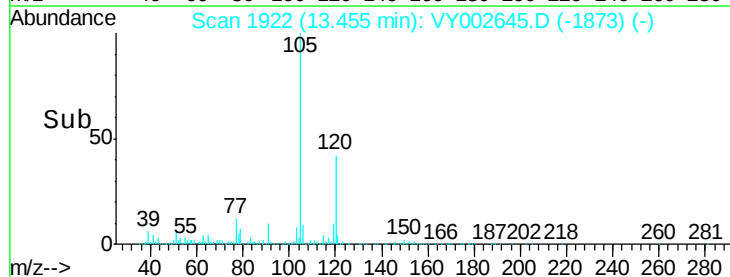
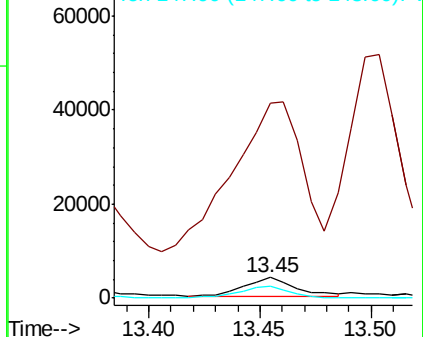
146 100

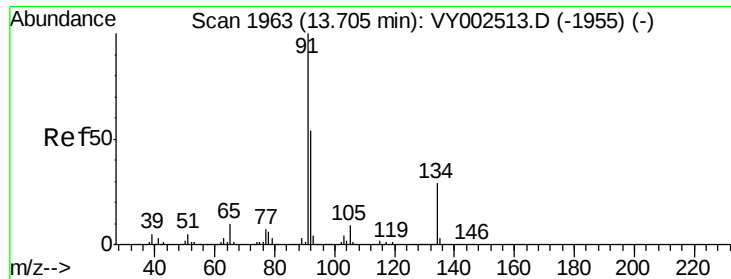
111 1023.1 18.1 54.1#

148 59.7 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

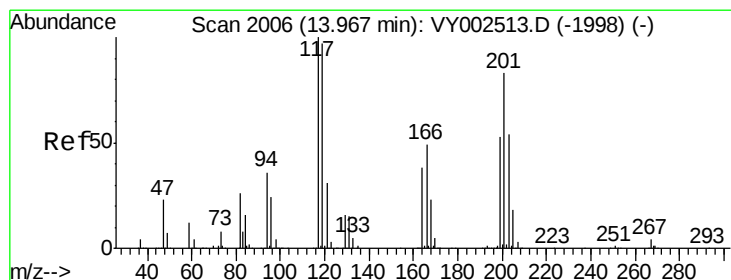
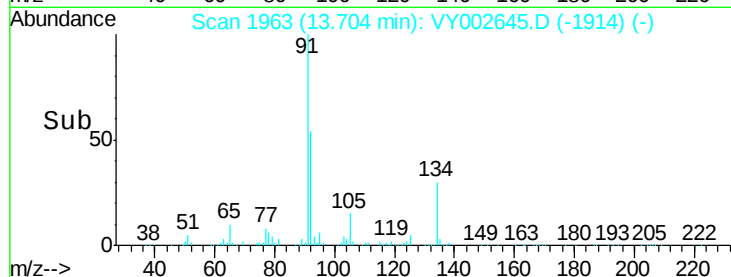
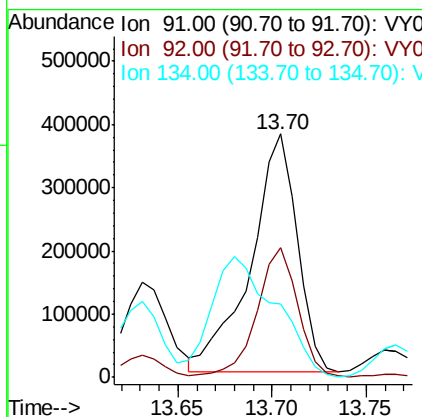
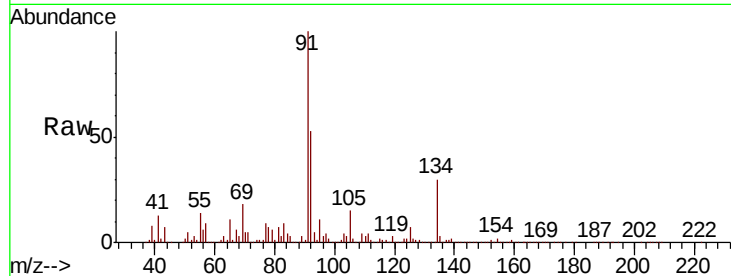




#89
n-Butylbenzene
Concen: 103.732 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY002645.D
Acq: 08 May 2020 16:07

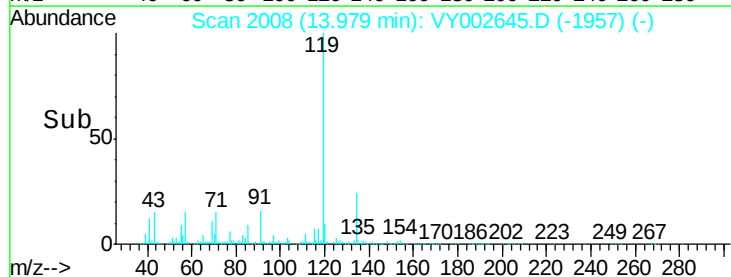
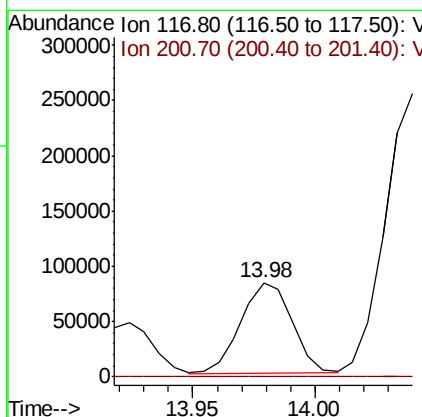
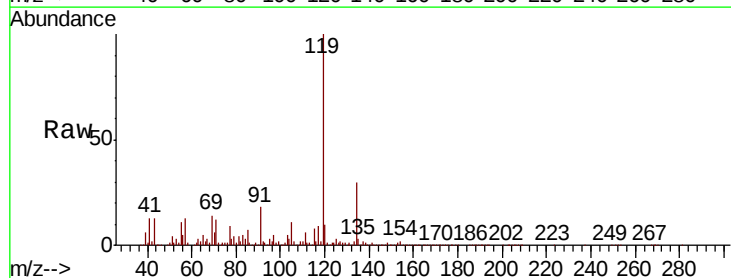
Instrument :
MSVOA_Y
ClientSampled :

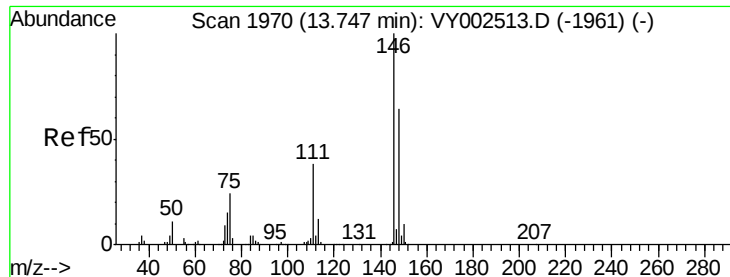
Tot Ion: 91 Resp: 645718
Ion Ratio Lower Upper
91 100
92 47.2 27.1 81.3
134 0.0 14.4 43.0#



#90
Hexachloroethane
Concen: 95.619 ug/l
RT: 13.98 min Scan# 2008
Delta R.T. 0.01 min
Lab File: VY002645.D
Acq: 08 May 2020 16:07

Tgt Ion: 117 Resp: 119070
Ion Ratio Lower Upper
117 100
201 0.1 44.4 133.2#





#91

1,2-Dichlorobenzene

Concen: 3.272 ug/l

RT: 13.75 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VY002645.D

Acq: 08 May 2020 16:07

Instrument :

MSVOA_Y

ClientSampled :

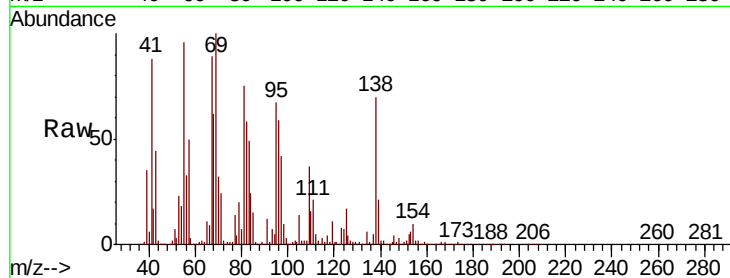
Tot Ion:146 Resp: 9990

Ion Ratio Lower Upper

146 100

111 0.0 19.1 57.5#

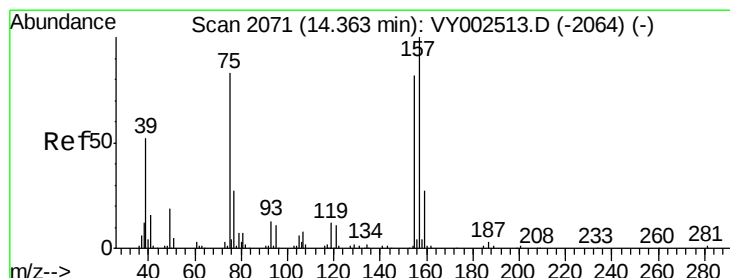
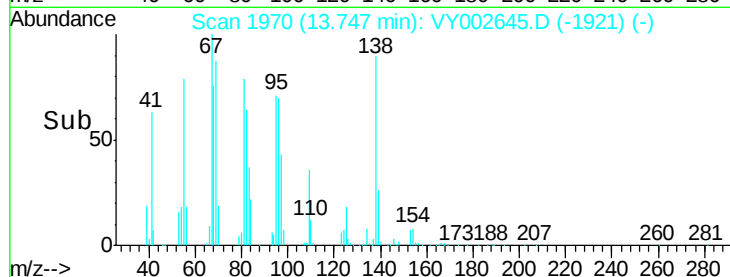
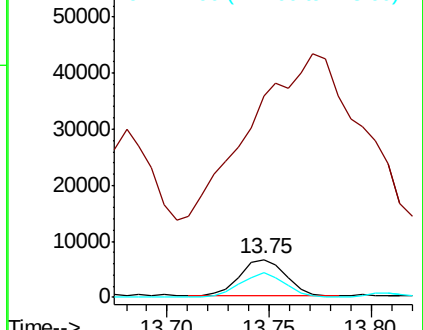
148 69.6 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 37.891 ug/l

RT: 14.34 min Scan# 2068

Delta R.T. -0.02 min

Lab File: VY002645.D

Acq: 08 May 2020 16:07

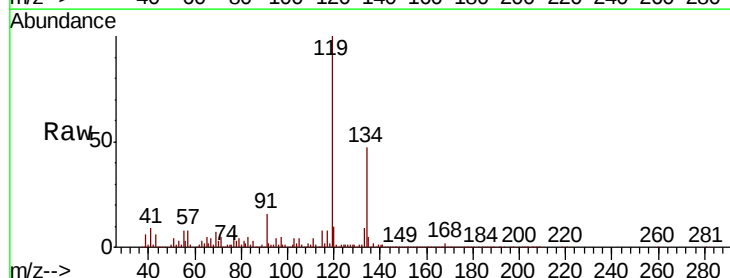
Tgt Ion: 75 Resp: 8128

Ion Ratio Lower Upper

75 100

155 0.0 51.3 153.9#

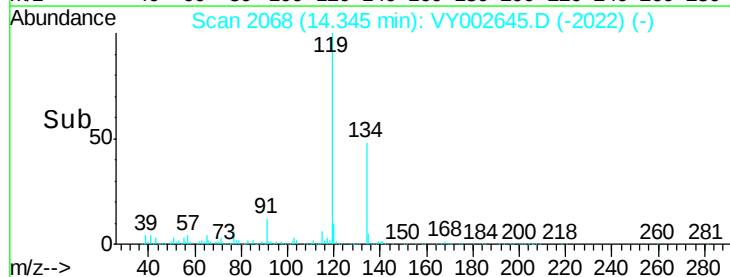
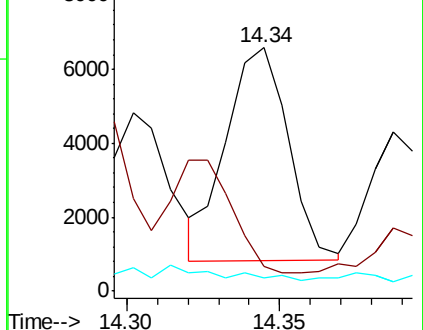
157 0.0 65.0 195.0#

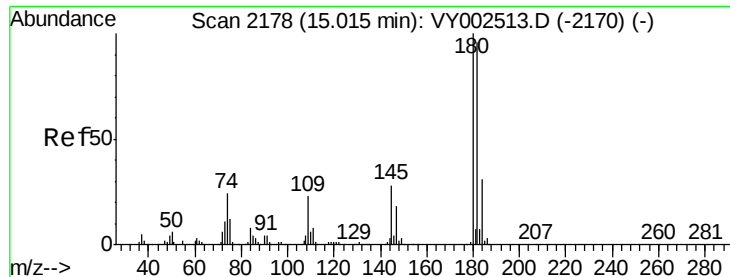


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

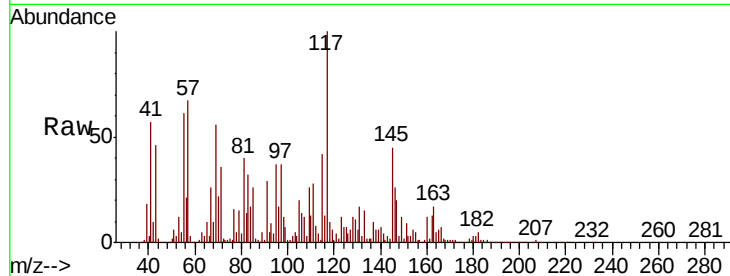




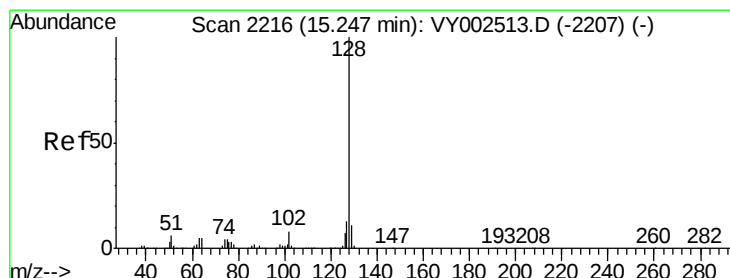
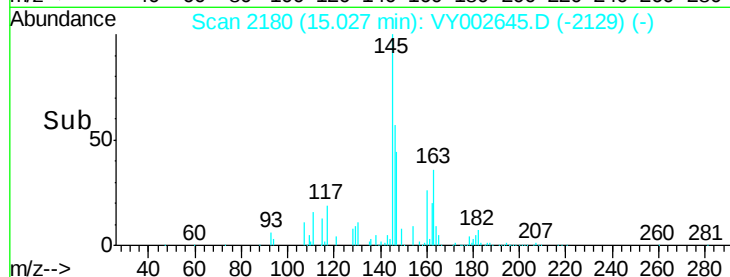
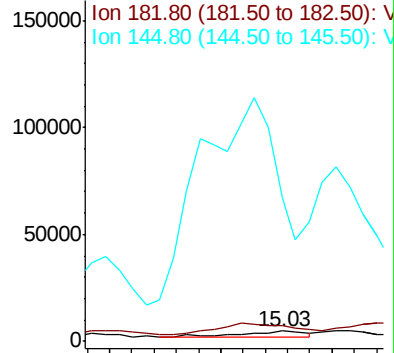
#93
 1,2,4-Trichlorobenzene
 Concen: 2.484 ug/l
 RT: 15.03 min Scan# 2180
 Delta R.T. 0.01 min
 Lab File: VY002645.D
 Acq: 08 May 2020 16:07

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:180 Resp: 5506
 Ion Ratio Lower Upper
 180 100
 182 233.8 47.9 143.6#
 145 5412.8 14.4 43.0#

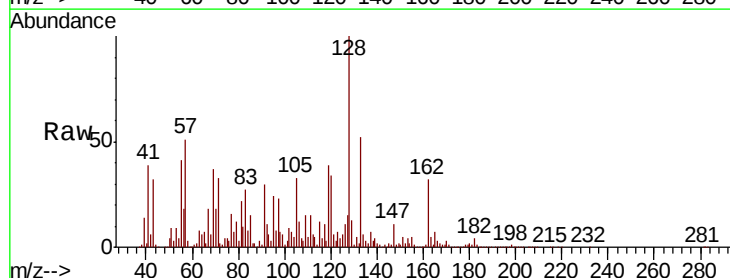


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

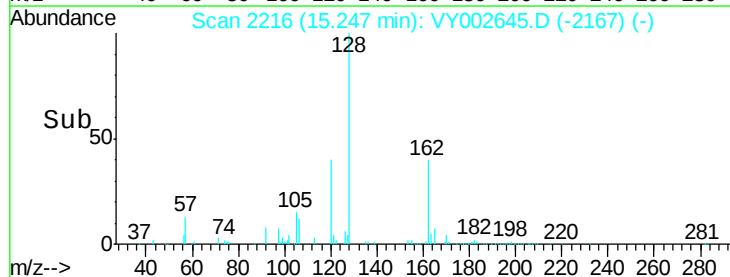
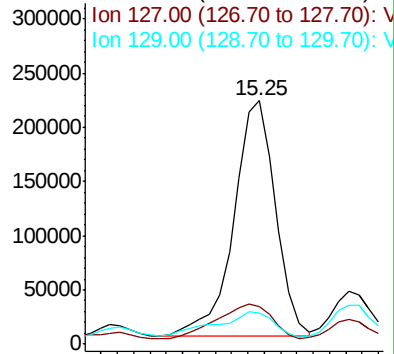


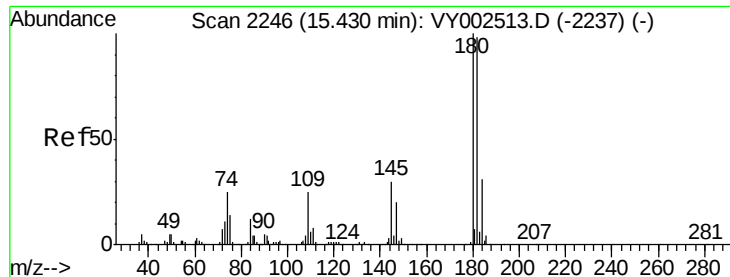
#95
 Naphthalene
 Concen: 95.621 ug/l
 RT: 15.25 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: VY002645.D
 Acq: 08 May 2020 16:07

Tgt Ion:128 Resp: 386650
 Ion Ratio Lower Upper
 128 100
 127 19.9 10.5 15.7#
 129 14.7 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 5.591 ug/l
 RT: 15.45 min Scan# 2250
 Delta R.T. 0.02 min
 Lab File: VY002645.D
 Acq: 08 May 2020 16:07

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:180 Resp: 10521
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.9 143.8#
 145 2331.5 15.0 45.1#

