

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012220\
 Data File : VY001339.D
 Acq On : 22 Jan 2020 18:21
 Operator : SY/MD
 Sample : L1215-01
 Misc : 5.58G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 23 01:16:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:09:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	35063	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	57012	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	43562	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	18165	50.00	ug/l	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.18	65	13139	34.44	ug/l	0.00
Spiked Amount			Recovery	=	68.88%	
35) Dibromofluoromethane	7.76	113	14956	44.70	ug/l	0.01
Spiked Amount			Recovery	=	89.40%	
50) Toluene-d8	10.20	98	65846	50.65	ug/l	0.00
Spiked Amount			Recovery	=	101.30%	
62) 4-Bromofluorobenzene	12.49	95	19618	37.89	ug/l	-0.02
Spiked Amount			Recovery	=	75.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.75	56	19	Below Cal	#	1
15) Acrylonitrile	5.26	53	204	1.693	ug/l #	29
16) Acetone	3.99	43	2181	14.561	ug/l #	86
20) Methylene Chloride	4.76	84	1161	Below Cal	#	77
31) Cyclohexane	7.80	56	8764	11.879	ug/l #	45
36) 1,1-Dichloropropene	7.83	75	2493	4.628	ug/l #	44
38) Carbon Tetrachloride	7.83	117	3520	7.333	ug/l #	16
39) Methylcyclohexane	9.21	83	9656	13.994	ug/l	89
40) Benzene	8.19	78	6505	4.028	ug/l	97
41) Methacrylonitrile	7.38	41	281	1.655	ug/l #	100
43) Isopropyl Acetate	8.30	43	3342	5.223	ug/l #	53
48) Methyl methacrylate	9.35	41	1255	4.314	ug/l #	41
51) 4-Methyl-2-Pentanone	10.14	43	2781	8.439	ug/l #	77
52) Toluene	10.27	92	65093	63.582	ug/l	99
53) t-1,3-Dichloropropene	10.26	75	724	1.247	ug/l #	1
55) 1,1,2-Trichloroethane	10.63	97	3799	11.743	ug/l #	21
59) 2-Hexanone	10.86	43	234	1.020	ug/l	92
67) Ethyl Benzene	11.61	91	240178	141.934	ug/l	99
68) m/p-Xylenes	11.71	106	406551	643.265	ug/l	98
69) o-Xylene	12.04	106	119917	197.233	ug/l	99
70) Styrene	12.04	104	6153	5.768	ug/l #	1
73) Isopropylbenzene	12.34	105	53450	37.290	ug/l	100
74) N-ethyl acetate	12.13	43	2053	4.376	ug/l #	48
76) 1,2,3-Trichloropropane	12.68	75	1168	5.336	ug/l #	100
77) Bromobenzene	12.70	156	3270	10.300	ug/l #	1
78) n-propylbenzene	12.68	91	164687	95.456	ug/l	100
79) 2-Chlorotoluene	12.82	91	22172	22.496	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.82	105	206302	172.426	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.34	75	644	5.568	ug/l #	16
82) 4-Chlorotoluene	12.82	91	22172	21.060	ug/l #	43
83) tert-Butylbenzene	13.13	119	91103	90.332	ug/l #	64
84) 1,2,4-Trimethylbenzene	13.13	105	765152	636.979	ug/l	99
85) sec-Butylbenzene	13.13	105	764882	533.796	ug/l #	57
86) p-Isopropyltoluene	13.32	119	22620	17.913	ug/l	98

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Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:09:50 2020
Response via : Initial Calibration

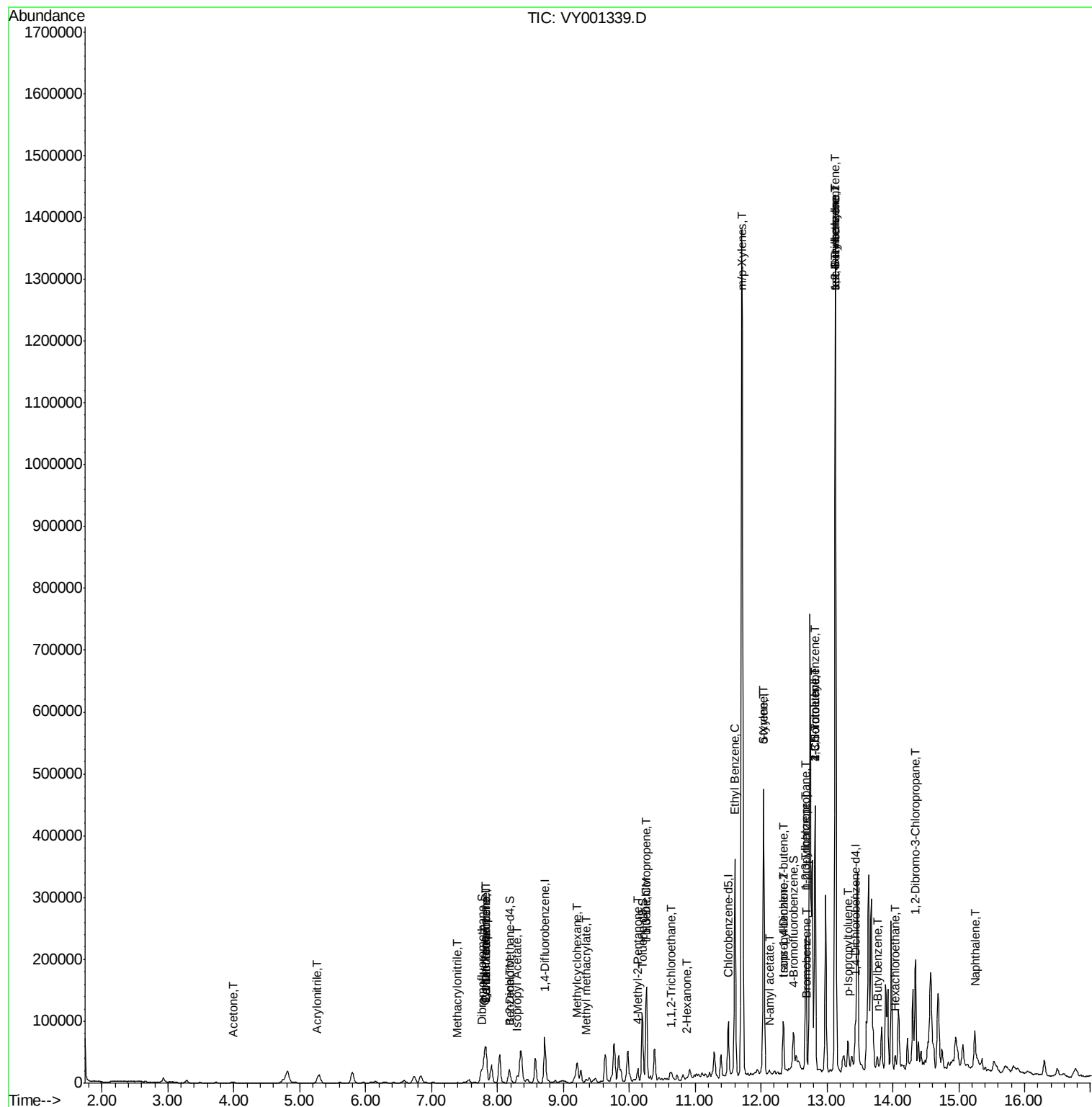
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	13.77	91	1415	1.113	ug/l #	1
90) Hexachloroethane	14.04	117	8776	36.665	ug/l #	15
92) 1,2-Dibromo-3-Chloropropan	14.34	75	621	11.723	ug/l #	17
95) Naphthalene	15.25	128	41230	47.644	ug/l	98

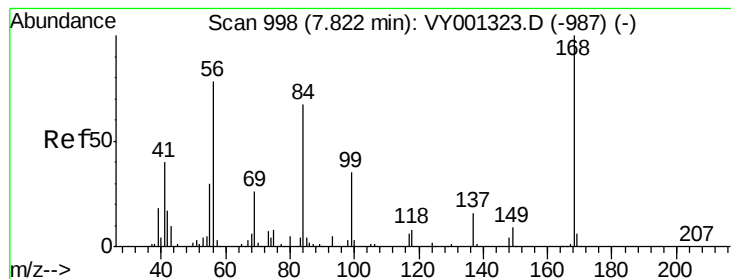
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.01 min

Lab File: VY001339.D

Acq: 22 Jan 2020 18:21

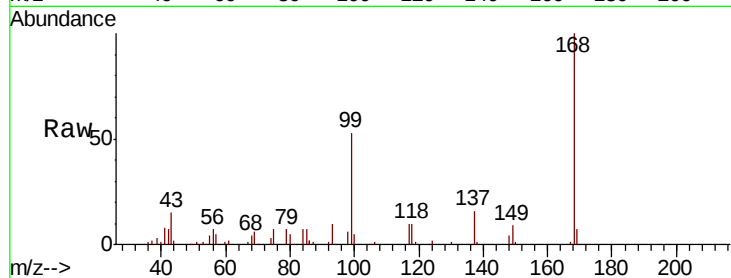
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 35063

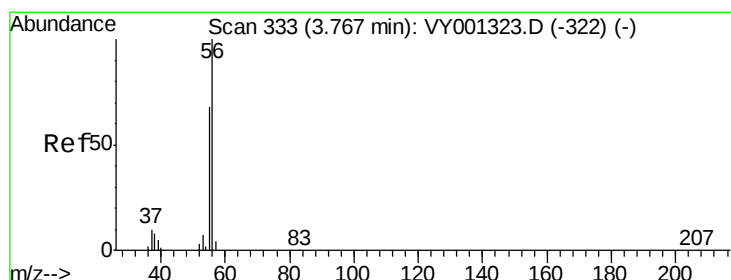
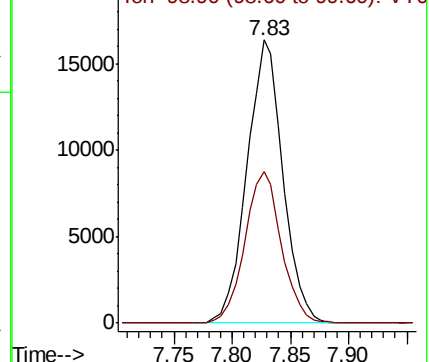
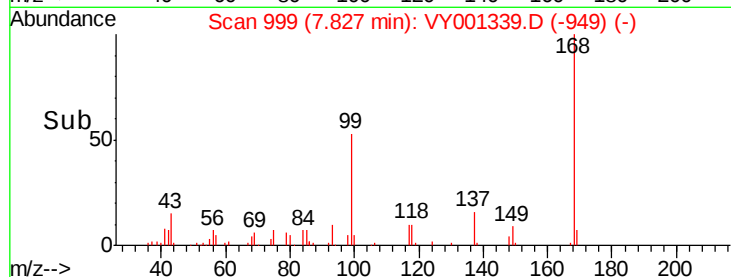
Ion Ratio Lower Upper

168 100

99 53.4 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001339.D (-949) (-)



#13

Acrolein

Concen: Below Cal

RT: 3.75 min Scan# 330

Delta R.T. -0.01 min

Lab File: VY001339.D

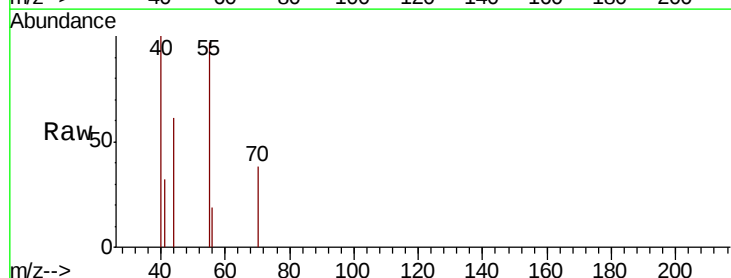
Acq: 22 Jan 2020 18:21

Tgt Ion: 56 Resp: 19

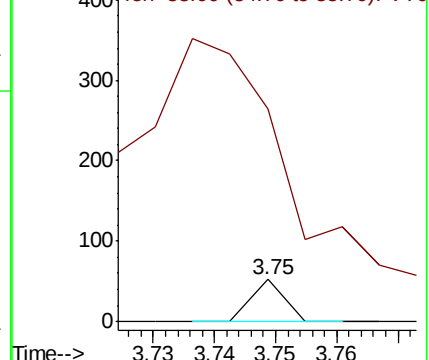
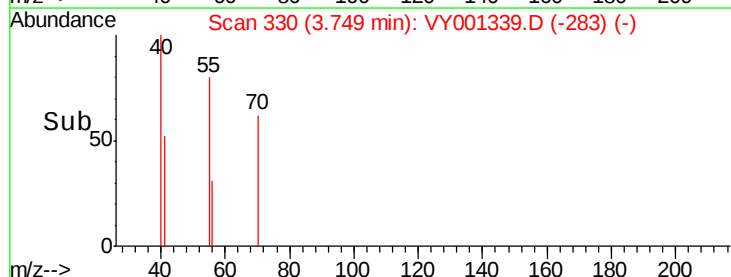
Ion Ratio Lower Upper

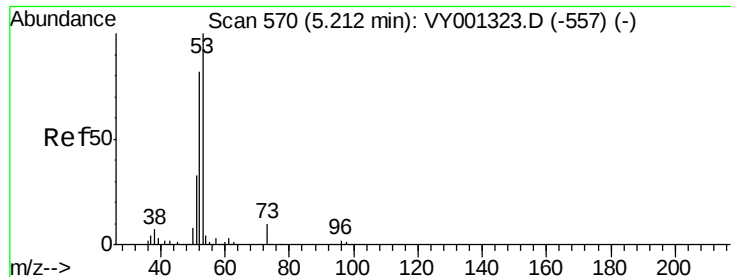
56 100

55 2500.0 55.9 83.9#



Abundance Ion 56.00 (55.70 to 56.70): VY001339.D (-283) (-)





#15

Acrylonitrile

Concen: 1.693 ug/l

RT: 5.26 min Scan# 578

Delta R.T. 0.05 min

Lab File: VY001339.D

Acq: 22 Jan 2020 18:21

Instrument :

MSVOA_Y

ClientSampleId :

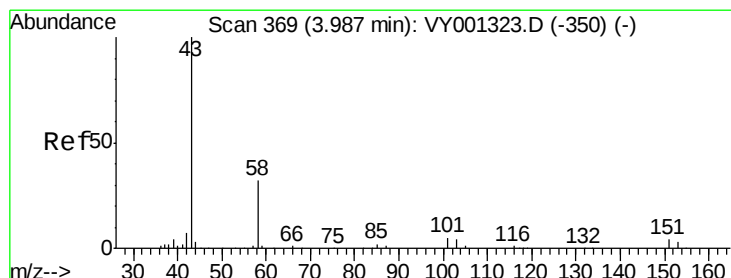
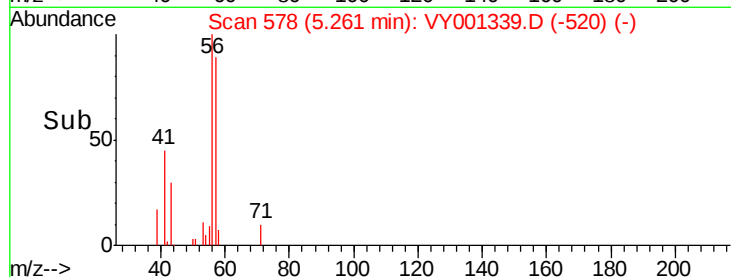
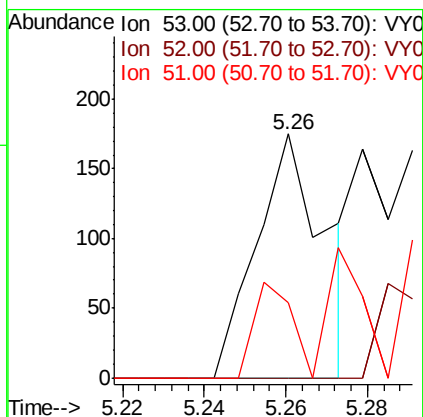
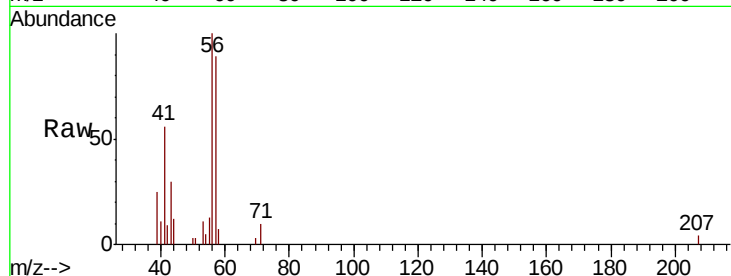
Tot Ion: 53 Resp: 204

Ion Ratio Lower Upper

53 100

52 0.0 65.3 97.9#

51 22.1 28.4 42.6#



#16

Acetone

Concen: 14.561 ug/l

RT: 3.99 min Scan# 369

Delta R.T. 0.01 min

Lab File: VY001339.D

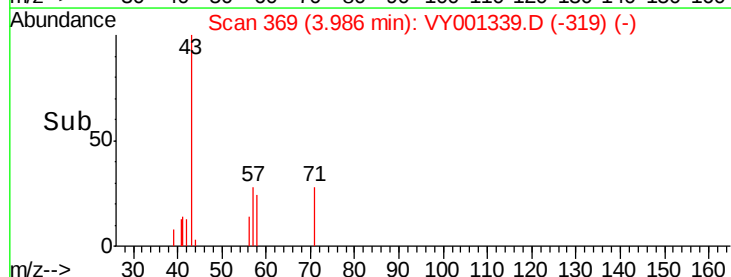
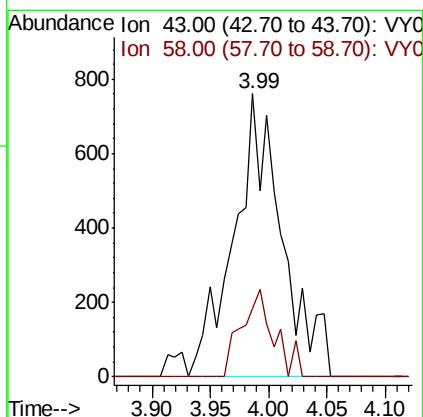
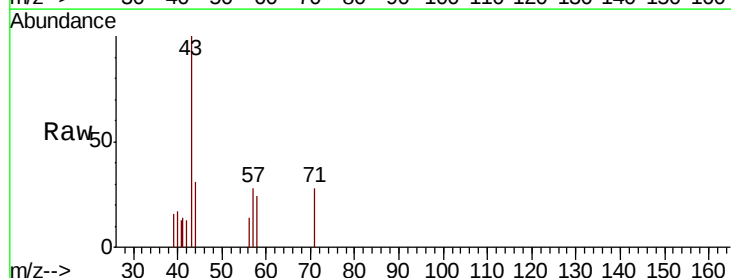
Acq: 22 Jan 2020 18:21

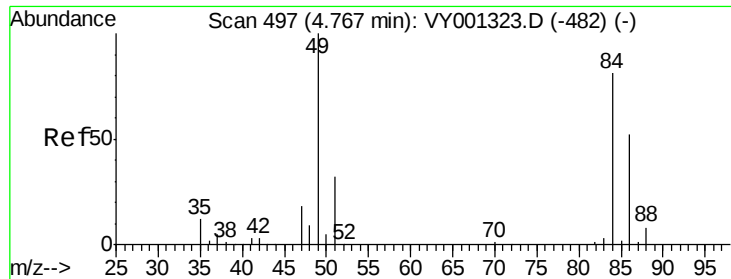
Tgt Ion: 43 Resp: 2181

Ion Ratio Lower Upper

43 100

58 24.2 25.4 38.0#

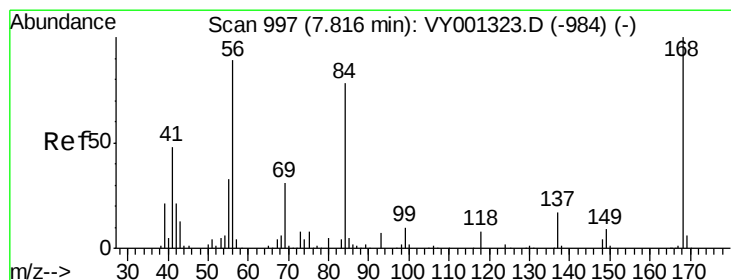
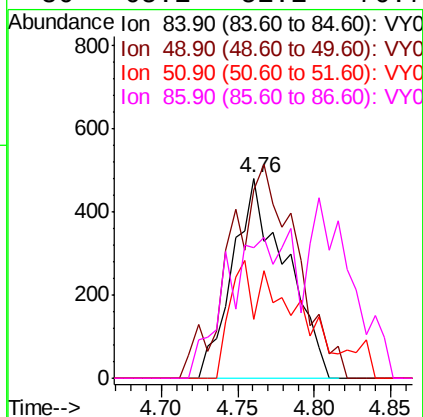
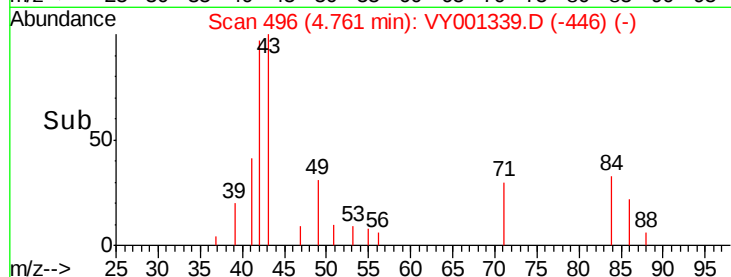
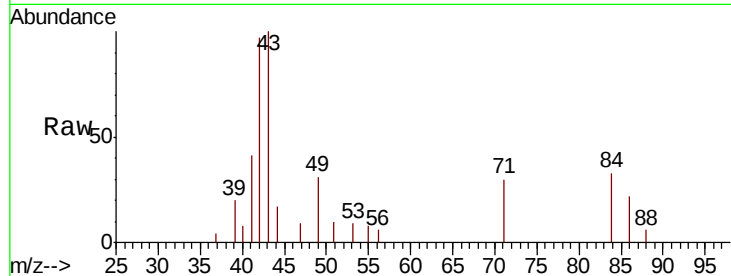




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.76 min Scan# 496
Delta R.T. 0.01 min
Lab File: VY001339.D
Acq: 22 Jan 2020 18:21

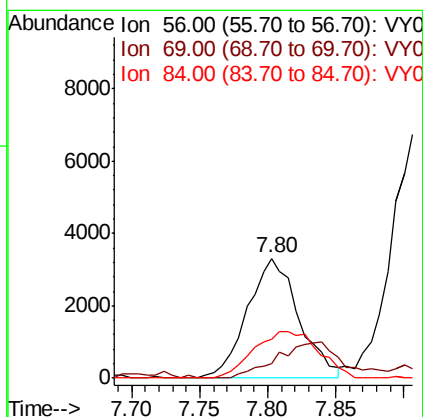
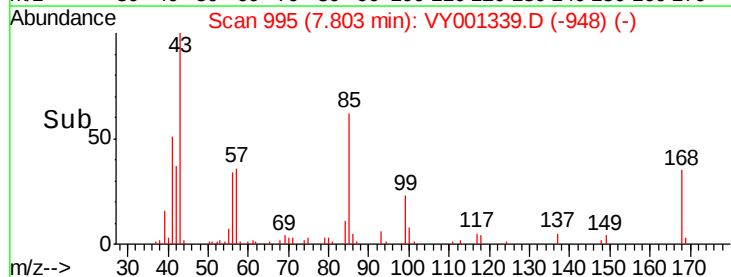
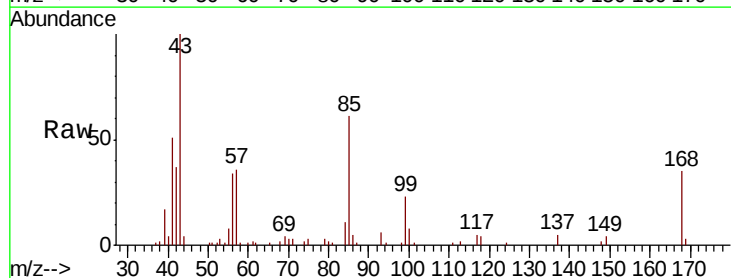
Instrument :
MSVOA_Y
ClientSampleId :

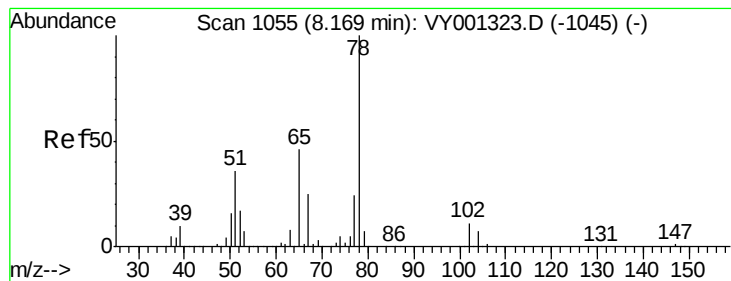
Tot Ion: 84 Resp: 1161
Ion Ratio Lower Upper
84 100
49 82.2 98.3 147.5#
51 29.7 31.6 47.4#
86 65.1 51.1 76.7



#31
Cyclohexane
Concen: 11.879 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.01 min
Lab File: VY001339.D
Acq: 22 Jan 2020 18:21

Tgt Ion: 56 Resp: 8764
Ion Ratio Lower Upper
56 100
69 9.6 27.6 41.4#
84 32.3 69.7 104.5#





#33

1,2-Dichloroethane-d4

Concen: 34.437 ug/l

RT: 8.18 min Scan# 1057

Delta R.T. 0.01 min

Lab File: VY001339.D

Acq: 22 Jan 2020 18:21

Instrument :

MSVOA_Y

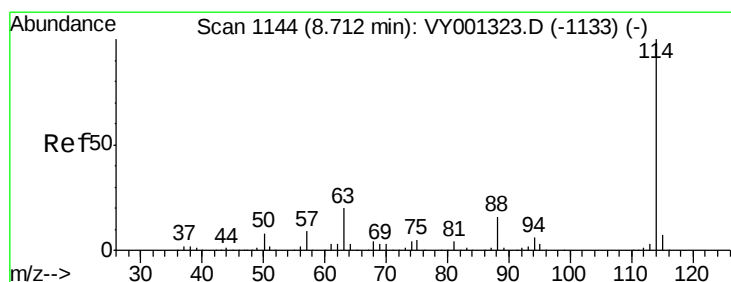
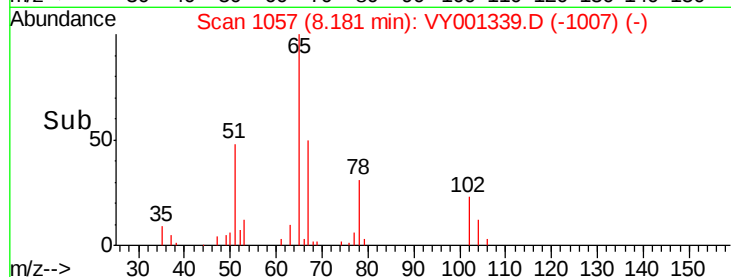
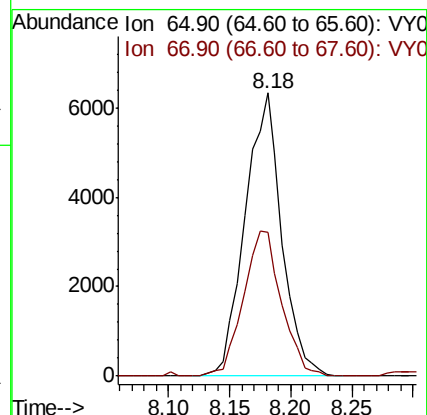
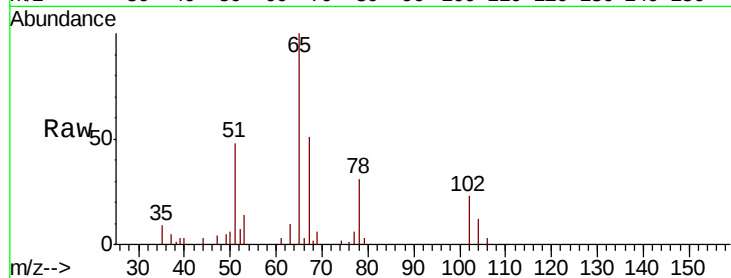
ClientSampleId :

Tot Ion: 65 Resp: 13139

Ion Ratio Lower Upper

65 100

67 53.3 0.0 108.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1146

Delta R.T. 0.01 min

Lab File: VY001339.D

Acq: 22 Jan 2020 18:21

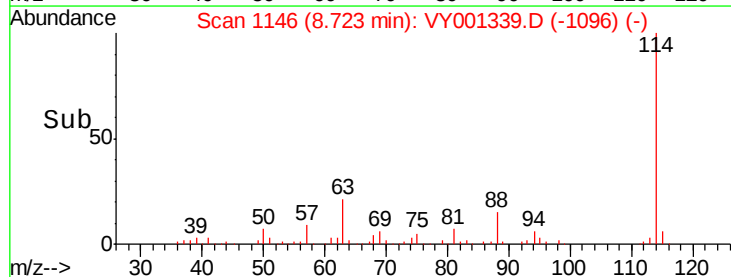
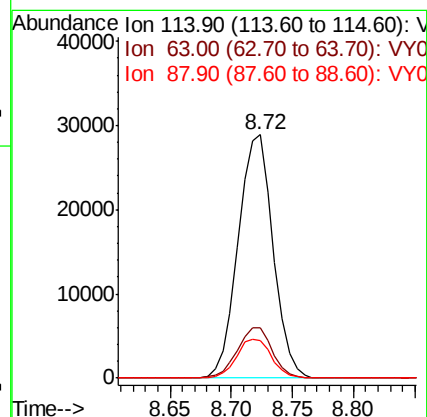
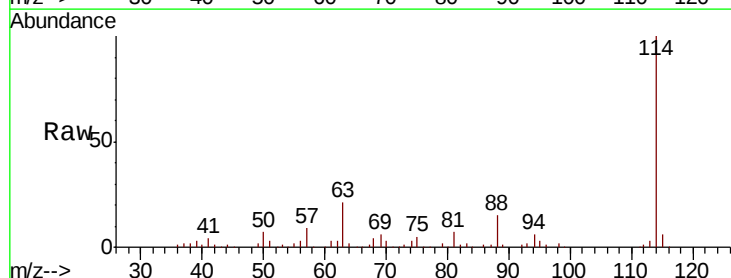
Tgt Ion: 114 Resp: 57012

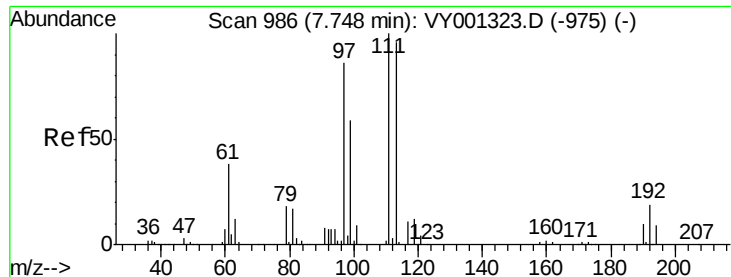
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.8

88 15.4 0.0 31.0





#35

Dibromofluoromethane

Concen: 44.697 ug/l

RT: 7.76 min Scan# 988

Delta R.T. 0.01 min

Lab File: VY001339.D

Acq: 22 Jan 2020 18:21

Instrument :
MSVOA_Y
ClientSampleId :

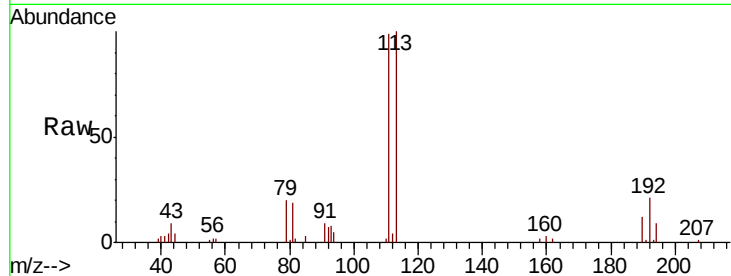
Tot Ion:113 Resp: 14956

Ion Ratio Lower Upper

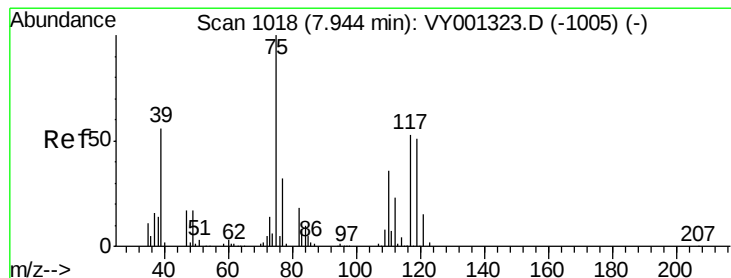
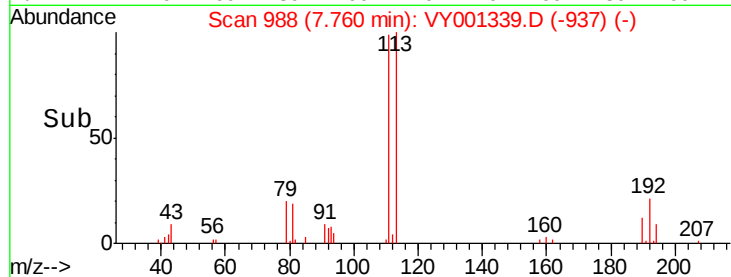
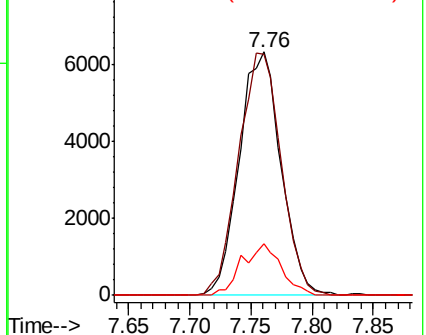
113 100

111 101.9 82.8 124.2

192 19.9 15.5 23.3



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: 4.628 ug/l

RT: 7.83 min Scan# 999

Delta R.T. -0.12 min

Lab File: VY001339.D

Acq: 22 Jan 2020 18:21

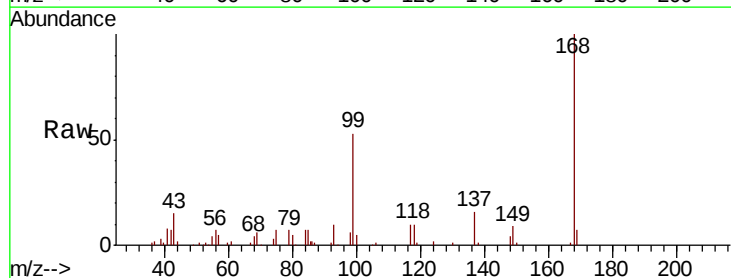
Tgt Ion: 75 Resp: 2493

Ion Ratio Lower Upper

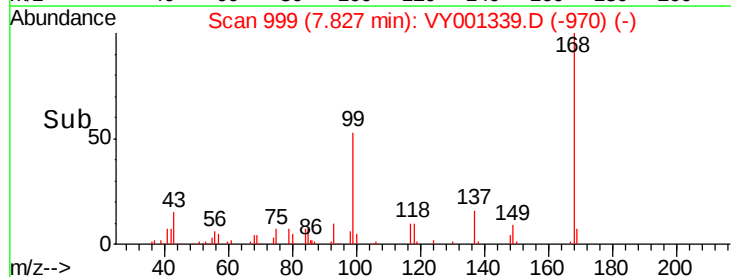
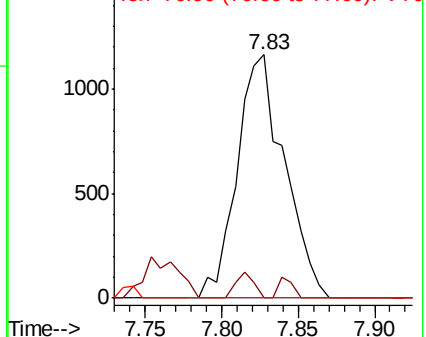
75 100

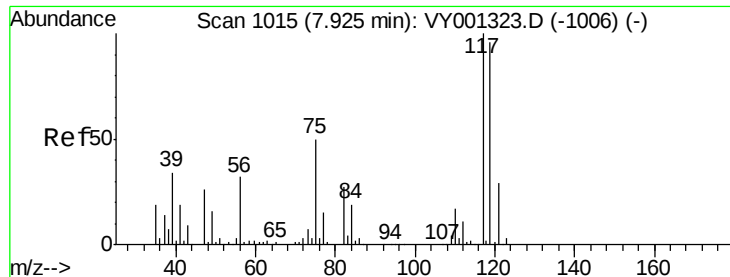
110 2.6 17.6 52.8#

77 0.0 24.7 37.1#



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

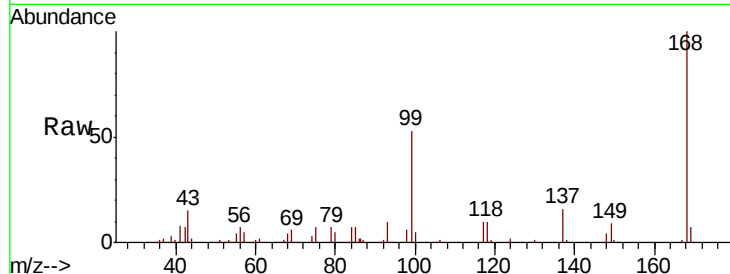




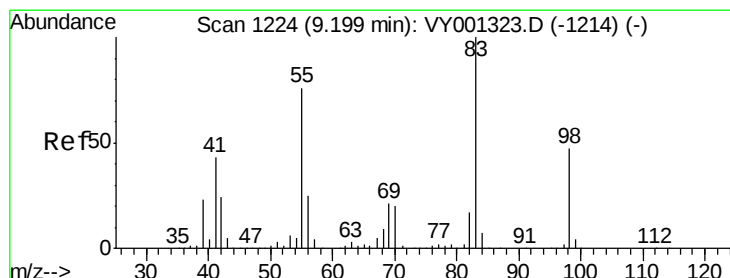
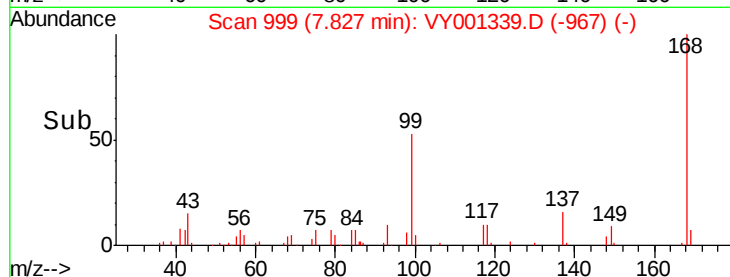
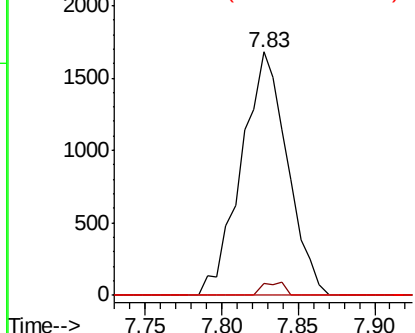
#38
Carbon Tetrachloride
Concen: 7.333 ug/l
RT: 7.83 min Scan# 999
Delta R.T. -0.10 min
Lab File: VY001339.D
Acq: 22 Jan 2020 18:21

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 3520
Ion Ratio Lower Upper
117 100
119 5.1 76.3 114.5#
121 0.0 23.5 35.3#

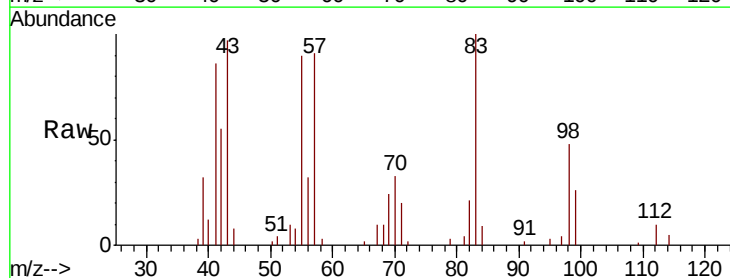


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

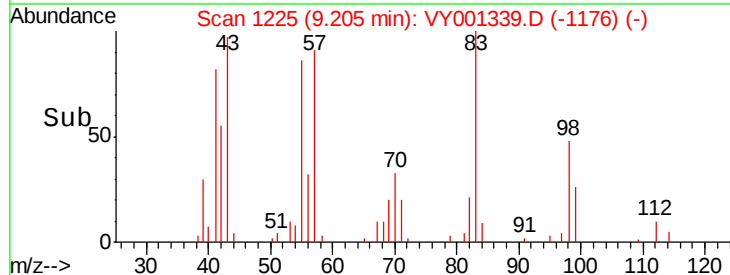
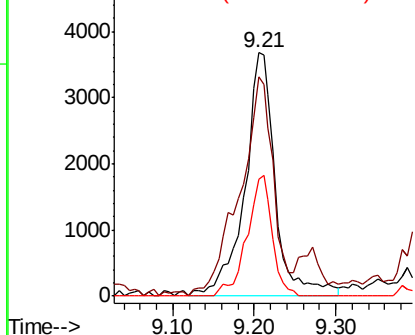


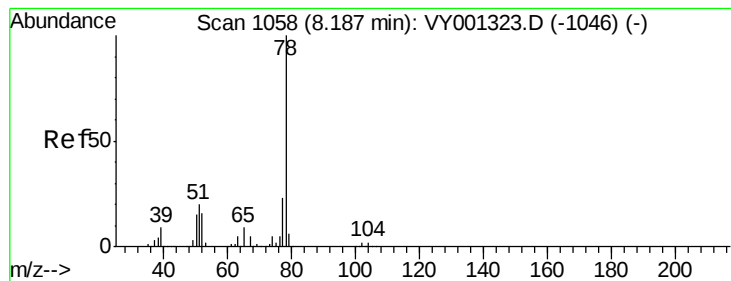
#39
Methylcyclohexane
Concen: 13.994 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. -0.00 min
Lab File: VY001339.D
Acq: 22 Jan 2020 18:21

Tgt Ion: 83 Resp: 9656
Ion Ratio Lower Upper
83 100
55 90.3 60.7 91.1
98 48.0 37.8 56.8



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: 4.028 ug/l

RT: 8.19 min Scan# 1059

Delta R.T. -0.00 min

Lab File: VY001339.D

Acq: 22 Jan 2020 18:21

Instrument :

MSVOA_Y

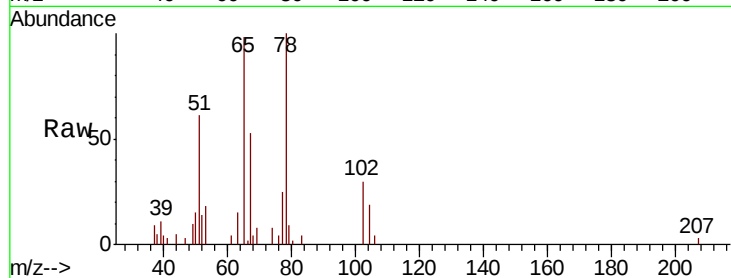
ClientSampleId :

Tot Ion: 78 Resp: 6505

Ion Ratio Lower Upper

78 100

77 24.8 18.6 27.8



Abundance Ion 78.00 (77.70 to 78.70): VY0

Ion 77.00 (76.70 to 77.70): VY0

8.19

3000

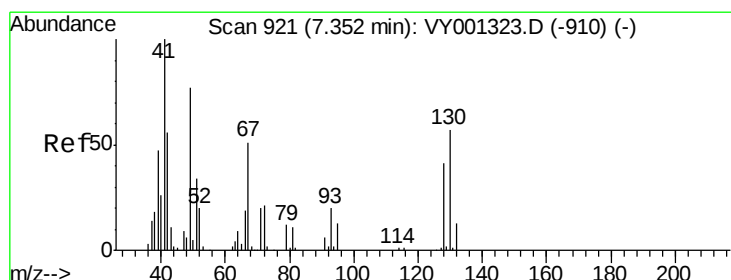
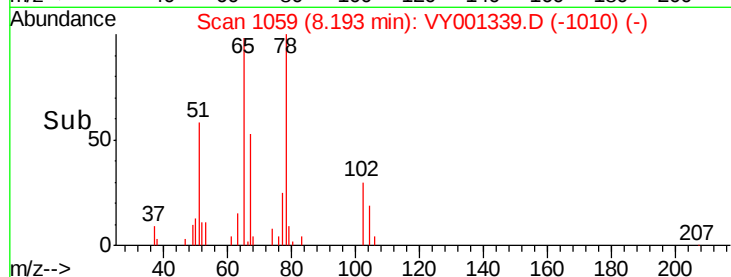
2000

1000

0

8.15 8.20 8.25

Time-->



#41

Methacrylonitrile

Concen: 1.655 ug/l

RT: 7.38 min Scan# 925

Delta R.T. -0.00 min

Lab File: VY001339.D

Acq: 22 Jan 2020 18:21

Tgt Ion: 41 Resp: 281

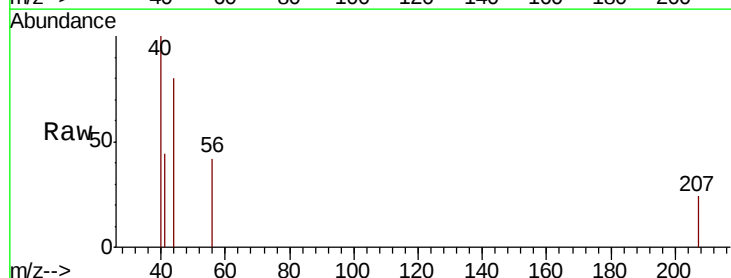
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

150

100

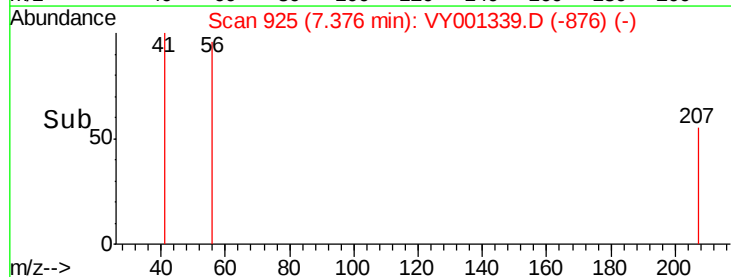
7.38

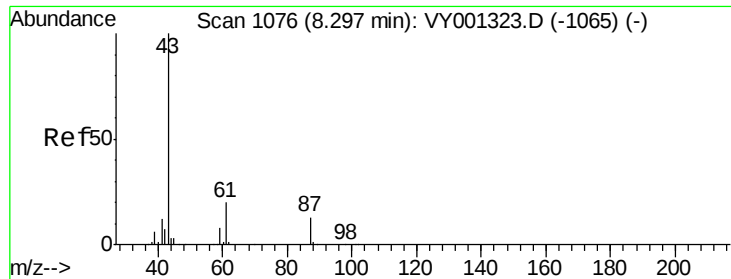
50

0

7.35 7.40

Time-->





#43

Isopropyl Acetate

Concen: 5.223 ug/l

RT: 8.30 min Scan# 1076

Delta R.T. -0.01 min

Lab File: VY001339.D

Acq: 22 Jan 2020 18:21

Instrument :

MSVOA_Y

ClientSampled :

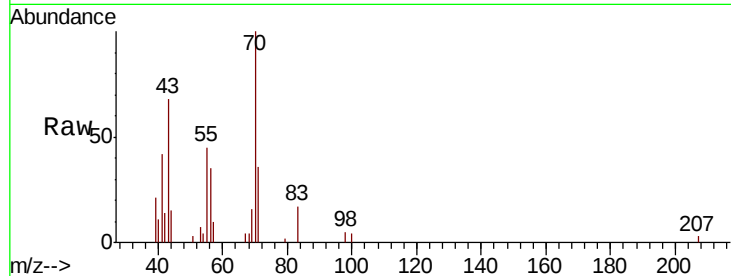
Tot Ion: 43 Resp: 3342

Ion Ratio Lower Upper

43 100

61 0.0 22.7 34.1#

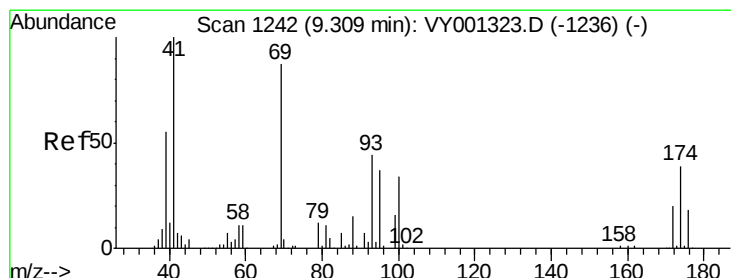
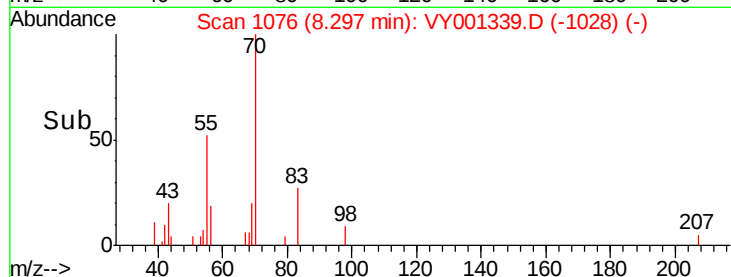
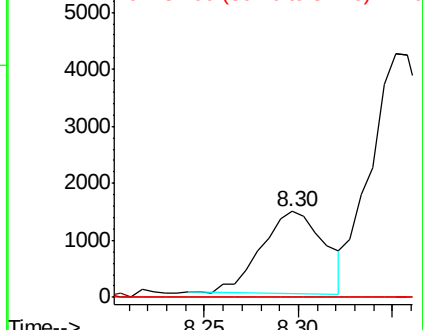
87 0.0 11.0 16.4#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

Ion 87.00 (86.70 to 87.70): VY0



#48

Methyl methacrylate

Concen: 4.314 ug/l

RT: 9.35 min Scan# 1248

Delta R.T. 0.03 min

Lab File: VY001339.D

Acq: 22 Jan 2020 18:21

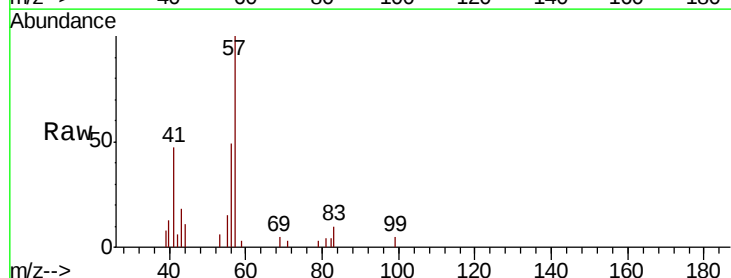
Tgt Ion: 41 Resp: 1255

Ion Ratio Lower Upper

41 100

69 21.6 70.2 105.4#

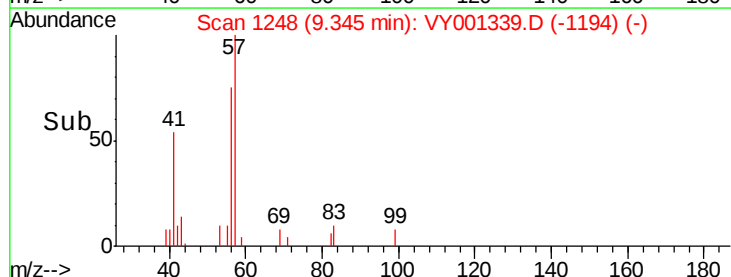
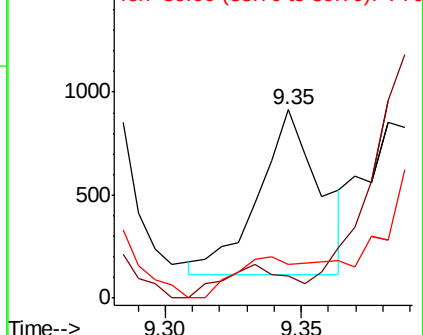
39 27.3 45.7 68.5#

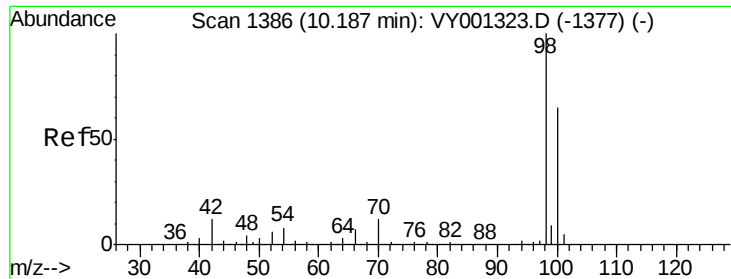


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#50

Toluene-d8

Concen: 50.650 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. -0.01 min

Lab File: VY001339.D

Acq: 22 Jan 2020 18:21

Instrument :

MSVOA_Y

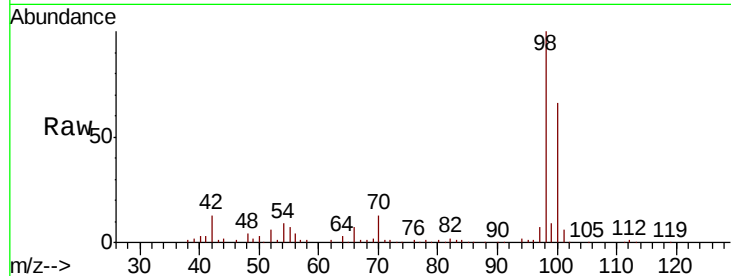
ClientSampled :

Tot Ion: 98 Resp: 65846

Ion Ratio Lower Upper

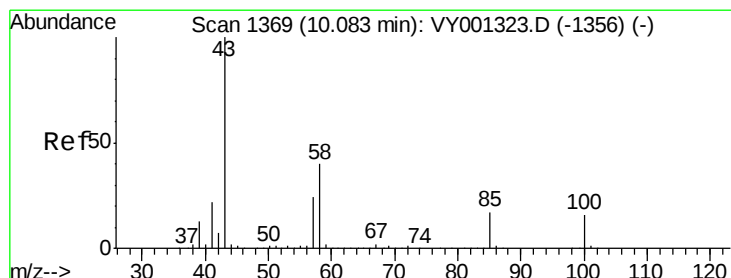
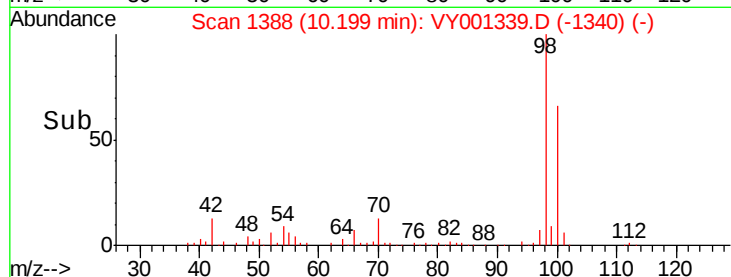
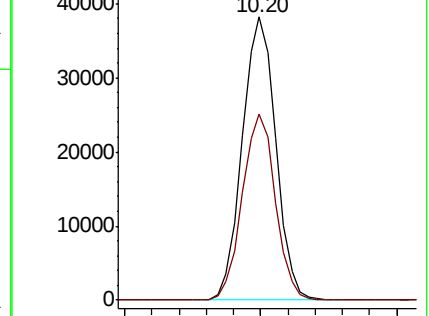
98 100

100 64.6 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



#51

4-Methyl-2-Pentanone

Concen: 8.439 ug/l

RT: 10.14 min Scan# 1378

Delta R.T. 0.04 min

Lab File: VY001339.D

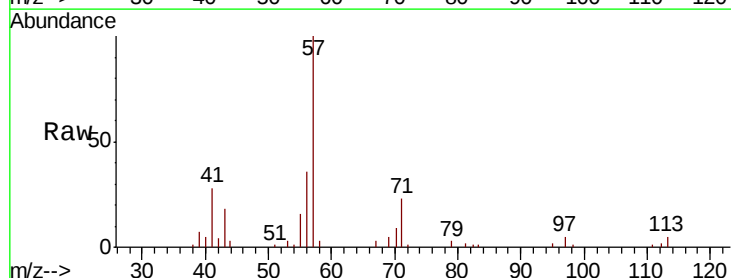
Acq: 22 Jan 2020 18:21

Tgt Ion: 43 Resp: 2781

Ion Ratio Lower Upper

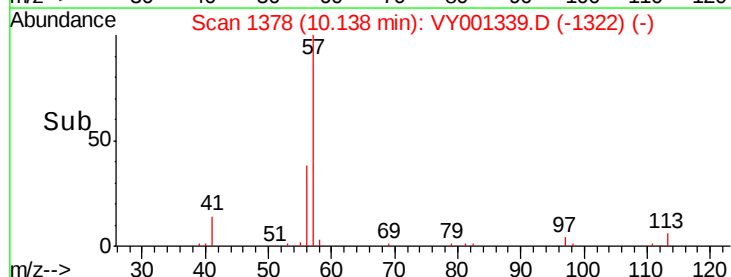
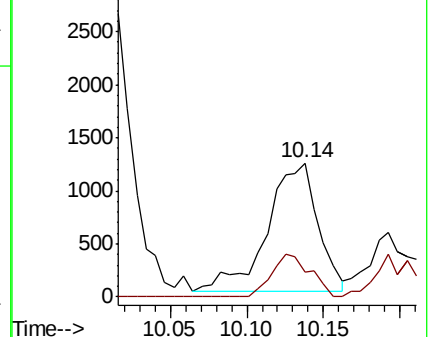
43 100

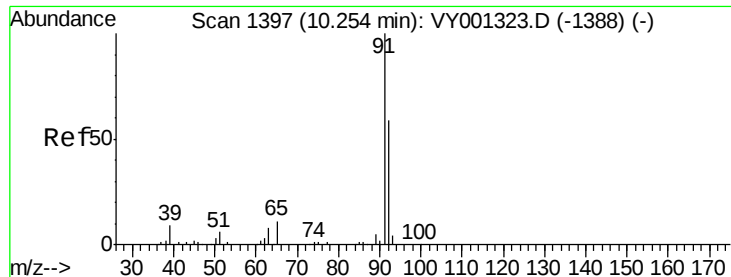
58 25.2 31.5 47.3#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#52

Toluene

Concen: 63.582 ug/l

RT: 10.27 min Scan# 1399

Delta R.T. -0.00 min

Lab File: VY001339.D

Acq: 22 Jan 2020 18:21

Instrument :

MSVOA_Y

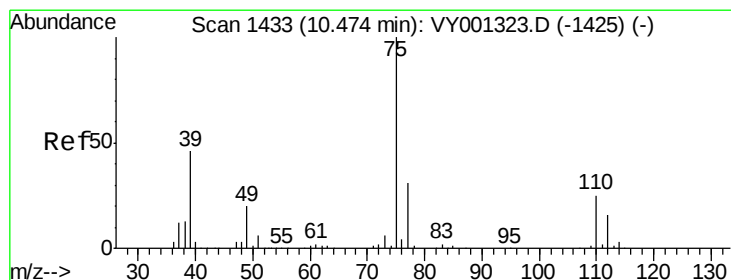
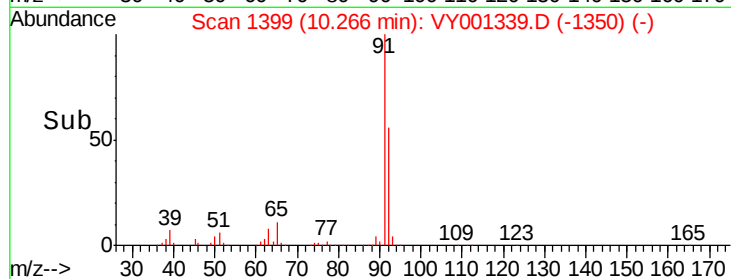
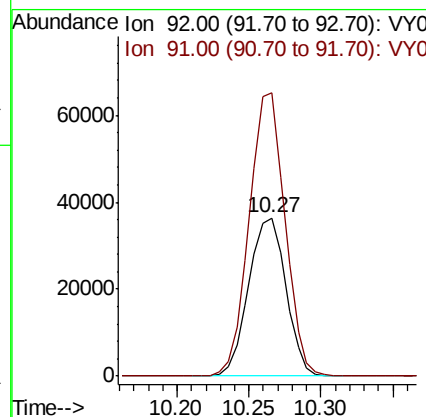
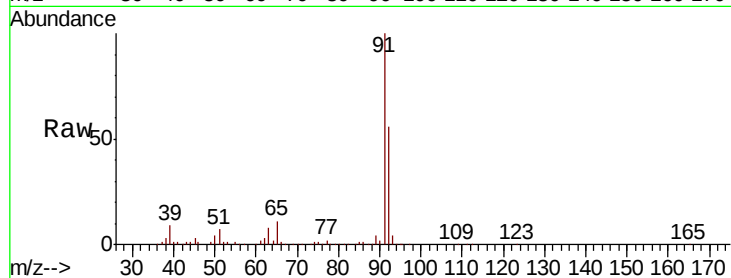
ClientSampleId :

Tot Ion: 92 Resp: 65093

Ion Ratio Lower Upper

92 100

91 172.1 136.4 204.6



#53

t-1,3-Dichloropropene

Concen: 1.247 ug/l

RT: 10.26 min Scan# 1398

Delta R.T. -0.23 min

Lab File: VY001339.D

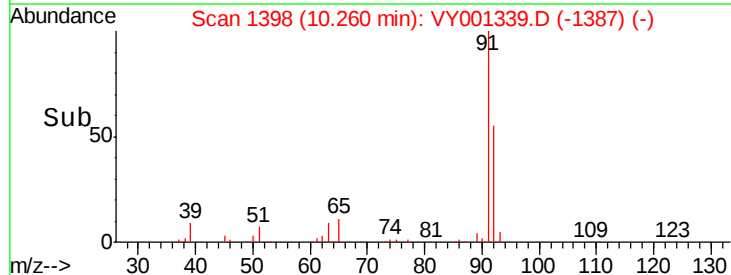
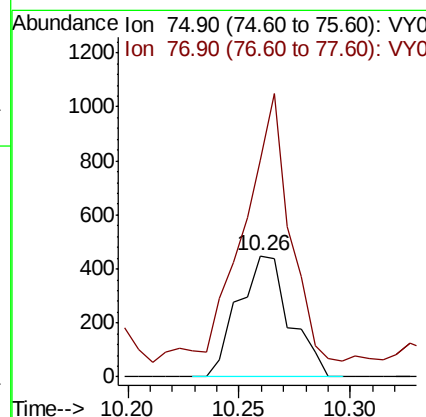
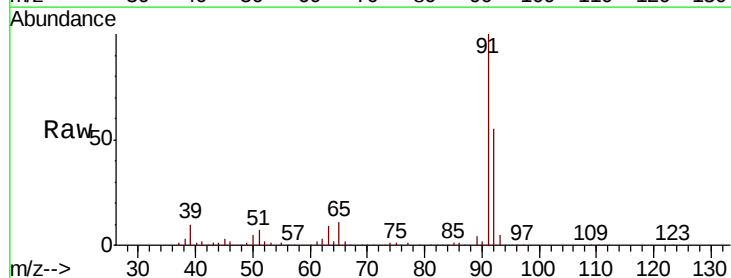
Acq: 22 Jan 2020 18:21

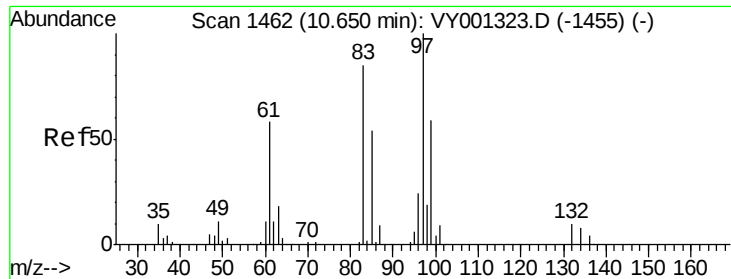
Tgt Ion: 75 Resp: 724

Ion Ratio Lower Upper

75 100

77 164.4 25.2 37.8#

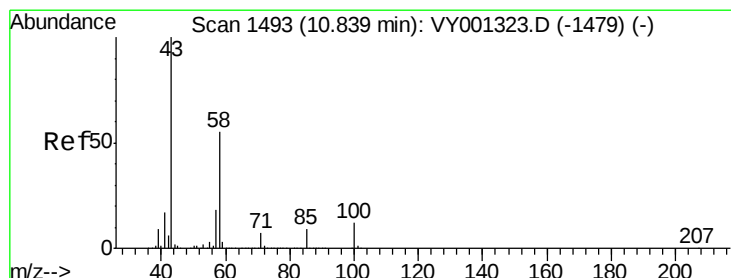
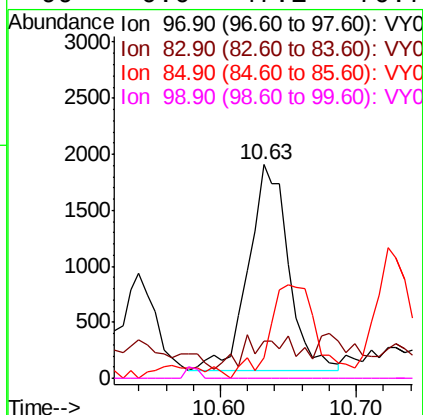
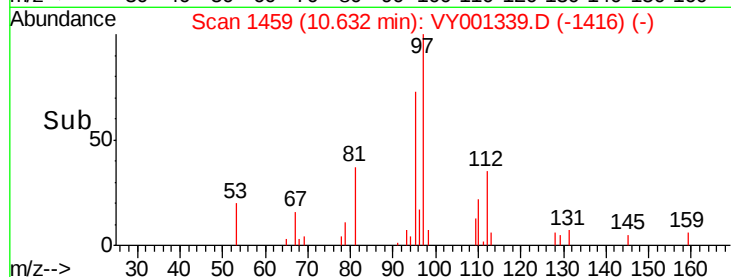
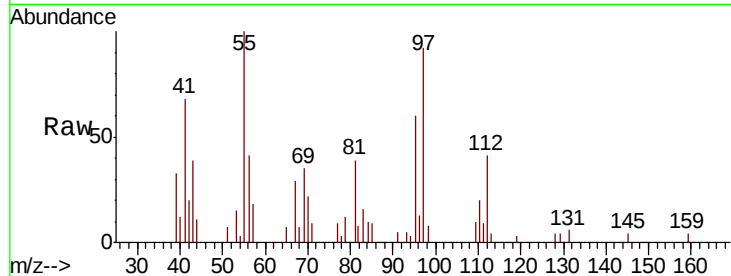




#55
 1,1,2-Trichloroethane
 Concen: 11.743 ug/l
 RT: 10.63 min Scan# 1459
 Delta R.T. -0.04 min
 Lab File: VY001339.D
 Acq: 22 Jan 2020 18:21

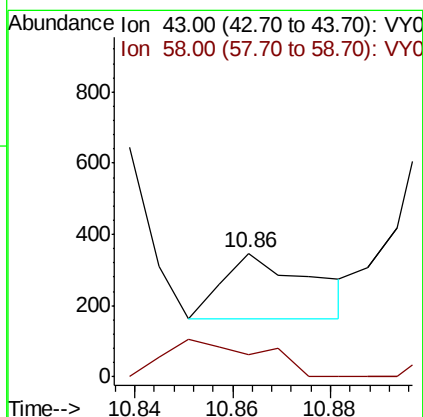
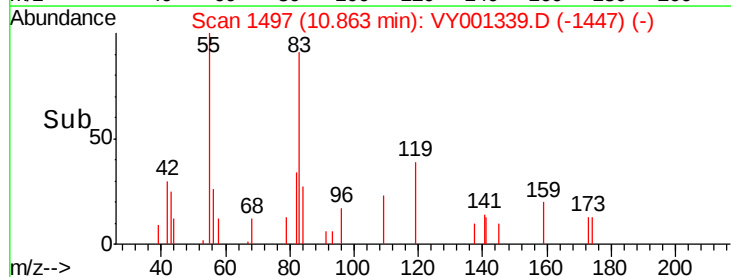
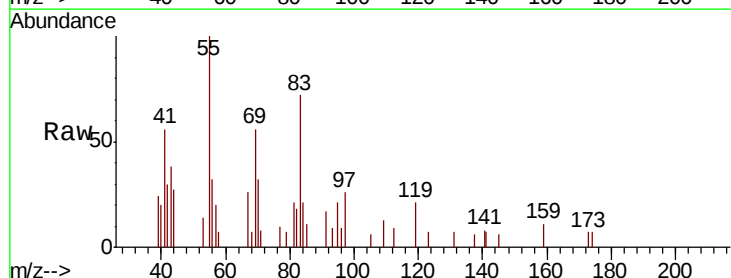
Instrument :
 MSVOA_Y
 ClientSampleId :

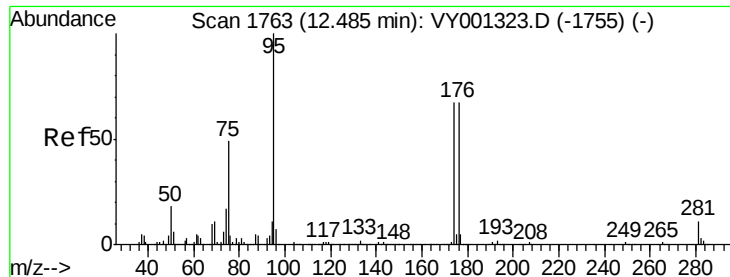
Tot Ion: 97 Resp: 3799
 Ion Ratio Lower Upper
 97 100
 83 6.2 68.0 102.0#
 85 5.4 43.6 65.4#
 99 0.0 47.1 70.7#



#59
 2-Hexanone
 Concen: 1.020 ug/l
 RT: 10.86 min Scan# 1497
 Delta R.T. 0.01 min
 Lab File: VY001339.D
 Acq: 22 Jan 2020 18:21

Tgt Ion: 43 Resp: 234
 Ion Ratio Lower Upper
 43 100
 58 60.7 27.6 82.8





#62

4-Bromofluorobenzene

Concen: 37.894 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.02 min

Lab File: VY001339.D

Acq: 22 Jan 2020 18:21

Instrument :

MSVOA_Y

ClientSampleId :

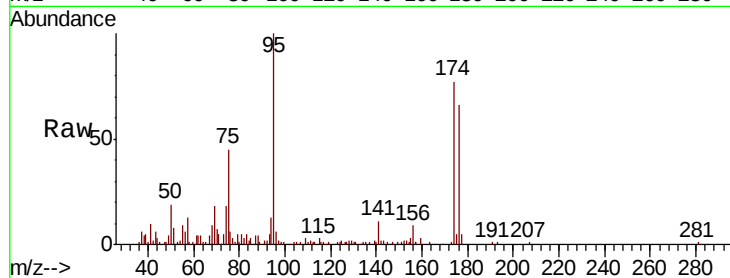
Tot Ion: 95 Resp: 19618

Ion Ratio Lower Upper

95 100

174 74.9 0.0 142.0

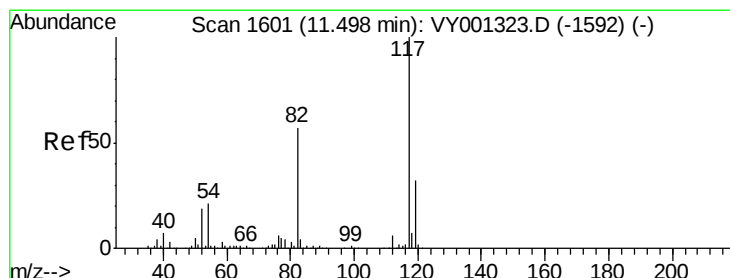
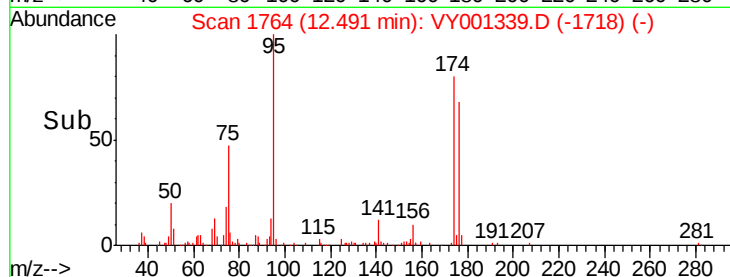
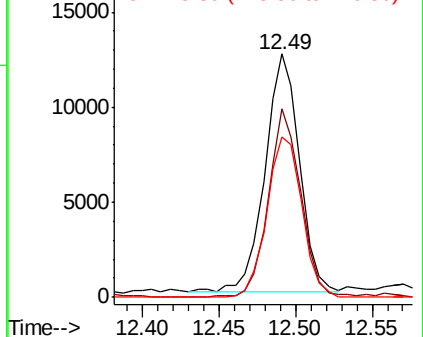
176 68.6 0.0 138.6



Abundance Ion 94.90 (94.60 to 95.60): VY001339.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY001339.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY001339.D (-1755) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1602

Delta R.T. -0.01 min

Lab File: VY001339.D

Acq: 22 Jan 2020 18:21

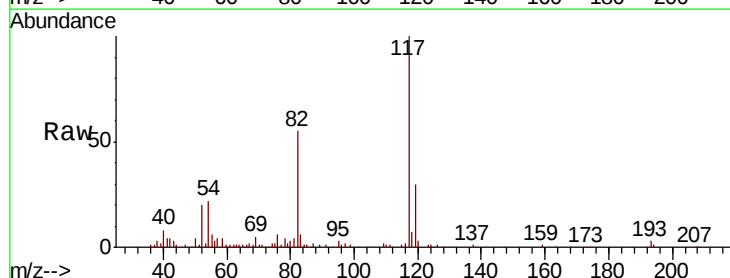
Tgt Ion: 117 Resp: 43562

Ion Ratio Lower Upper

117 100

82 53.7 45.5 68.3

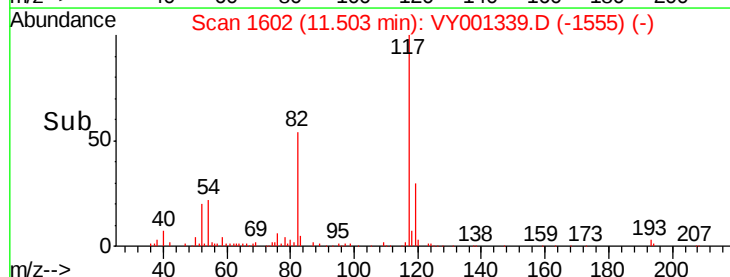
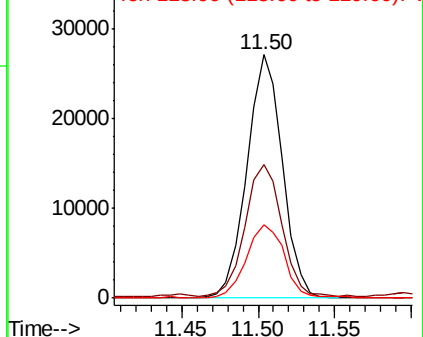
119 30.4 25.8 38.6

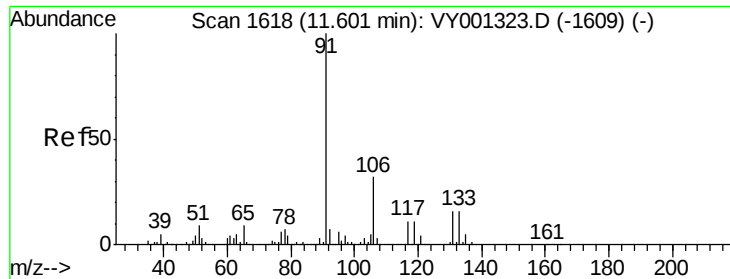


Abundance Ion 116.90 (116.60 to 117.60): VY001339.D (-1555) (-)

Ion 82.00 (81.70 to 82.70): VY001339.D (-1555) (-)

Ion 118.90 (118.60 to 119.60): VY001339.D (-1555) (-)

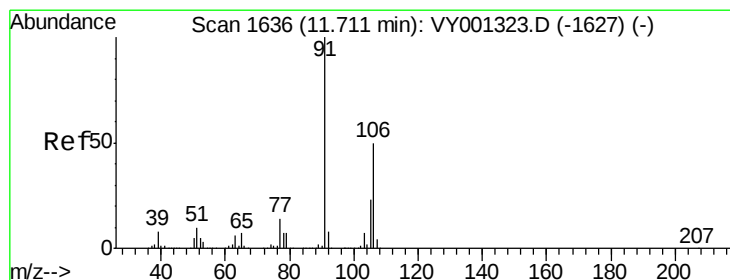
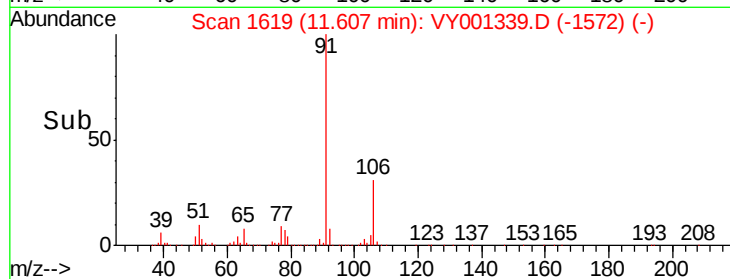
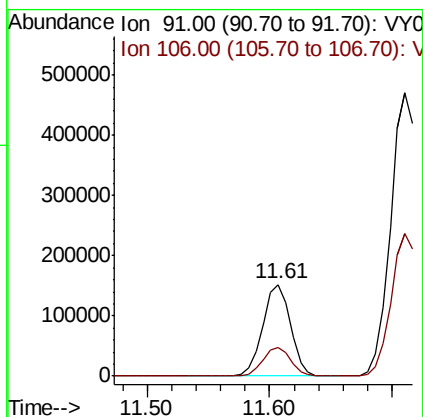
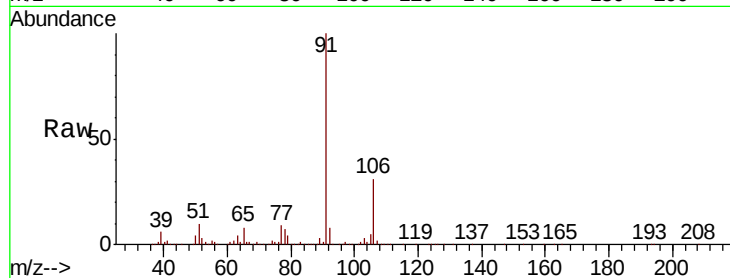




#67
Ethyl Benzene
Concen: 141.934 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. -0.01 min
Lab File: VY001339.D
Acq: 22 Jan 2020 18:21

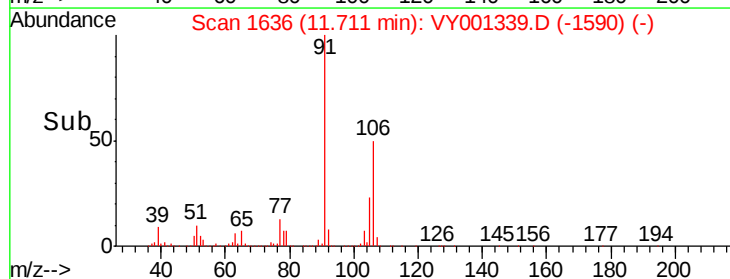
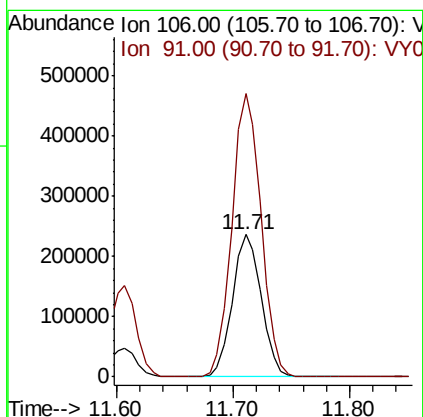
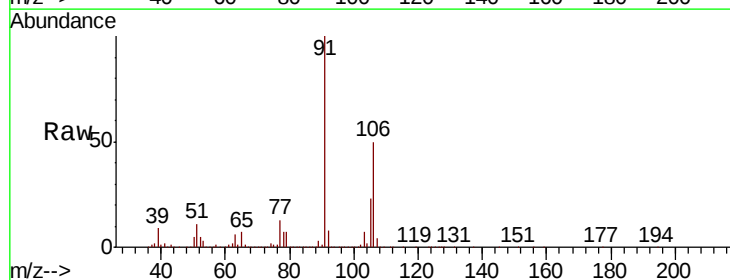
Instrument :
MSVOA_Y
ClientSampleId :

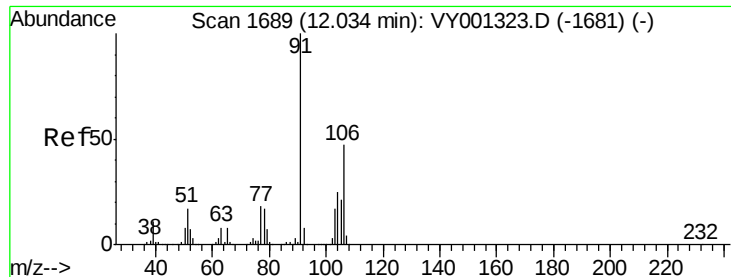
Tot Ion: 91 Resp: 240178
Ion Ratio Lower Upper
91 100
106 30.9 25.4 38.0



#68
m/p-Xylenes
Concen: 643.265 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.02 min
Lab File: VY001339.D
Acq: 22 Jan 2020 18:21

Tgt Ion: 106 Resp: 406551
Ion Ratio Lower Upper
106 100
91 201.2 162.8 244.2

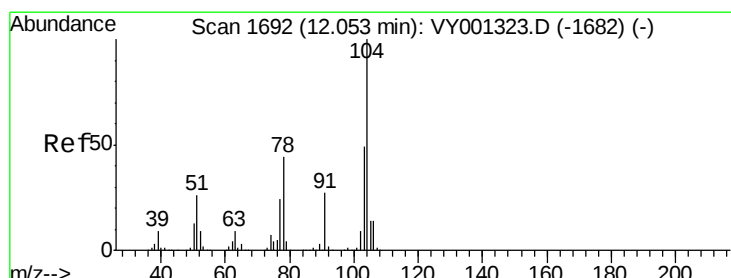
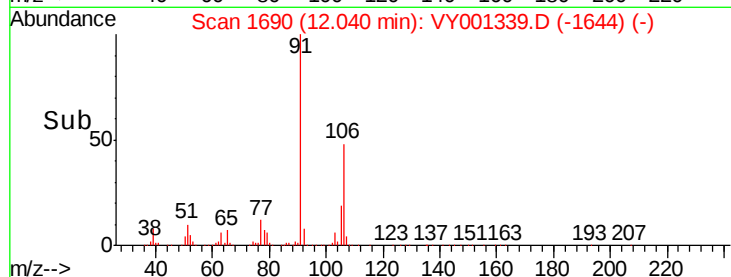
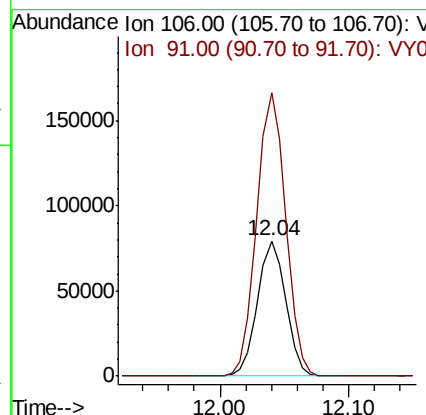
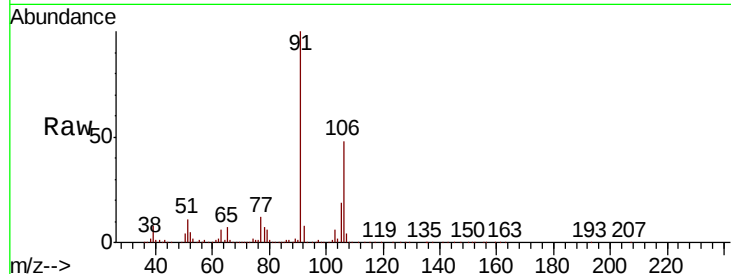




#69
o-Xylene
Concen: 197.233 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.02 min
Lab File: VY001339.D
Acq: 22 Jan 2020 18:21

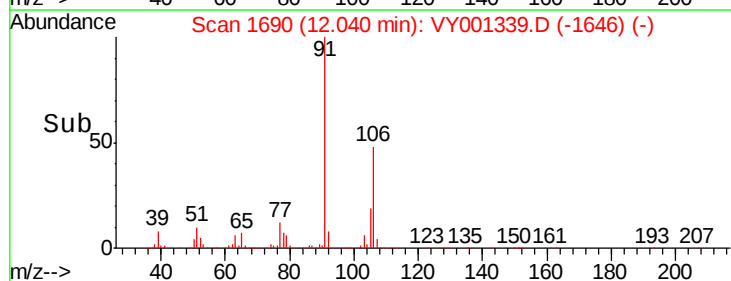
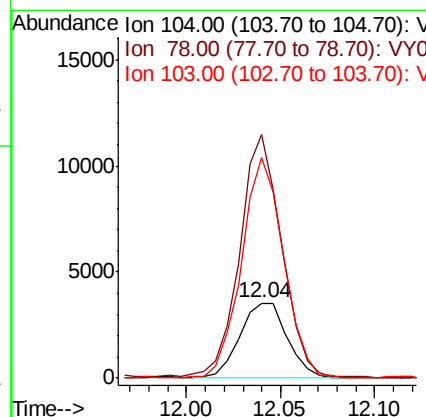
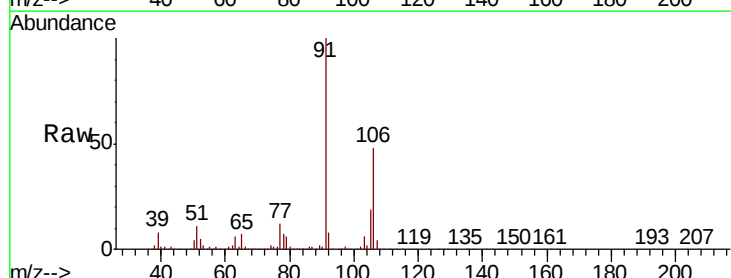
Instrument :
MSVOA_Y
ClientSampled :

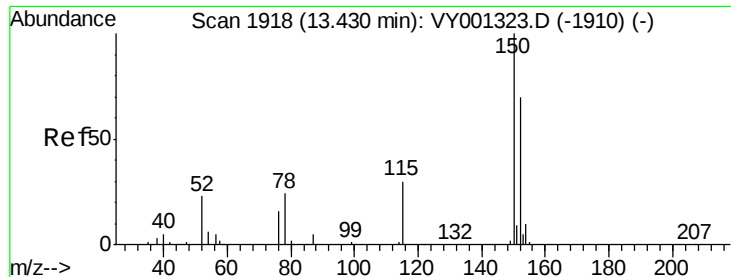
Tot Ion:106 Resp: 119917
Ion Ratio Lower Upper
106 100
91 213.9 106.3 319.0



#70
Styrene
Concen: 5.768 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.03 min
Lab File: VY001339.D
Acq: 22 Jan 2020 18:21

Tgt Ion:104 Resp: 6153
Ion Ratio Lower Upper
104 100
78 284.8 39.8 59.8#
103 261.0 43.2 64.8#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. -0.03 min

Lab File: VY001339.D

Acq: 22 Jan 2020 18:21

Instrument :

MSVOA_Y

ClientSampleId :

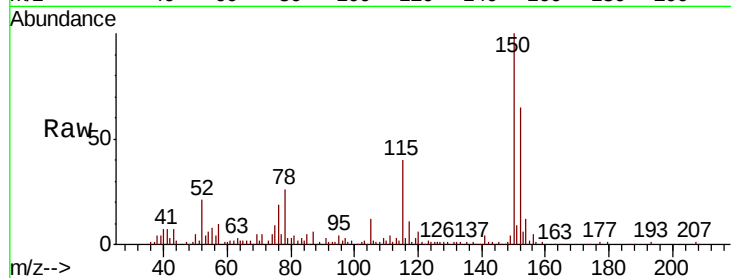
Tot Ion:152 Resp: 18165

Ion Ratio Lower Upper

152 100

115 64.5 30.9 92.8

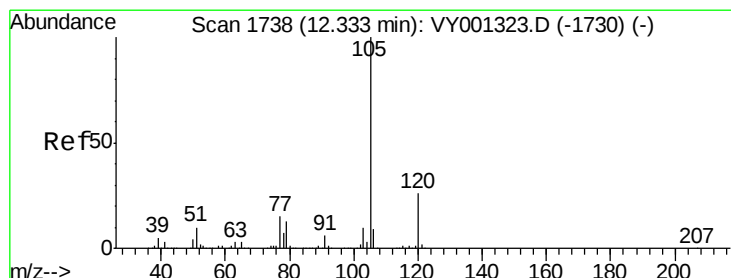
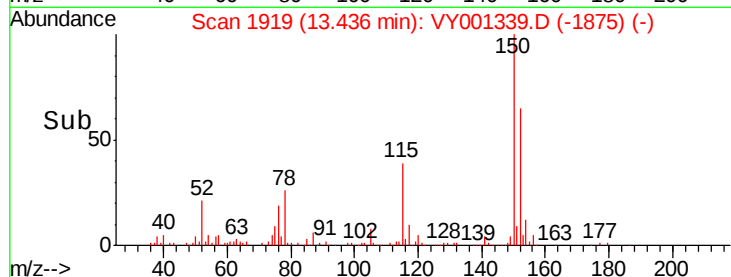
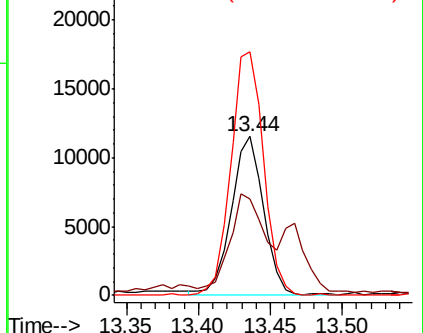
150 154.2 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 37.290 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. -0.02 min

Lab File: VY001339.D

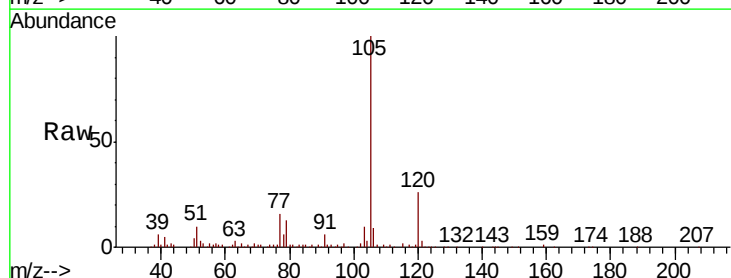
Acq: 22 Jan 2020 18:21

Tgt Ion:105 Resp: 53450

Ion Ratio Lower Upper

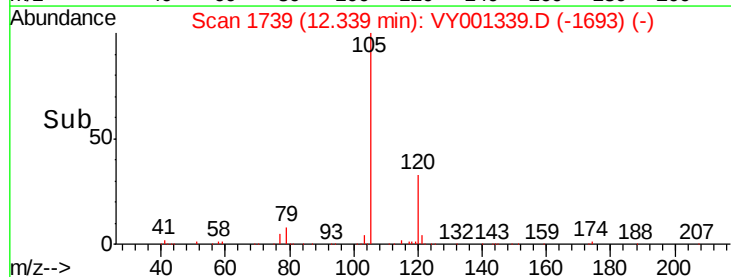
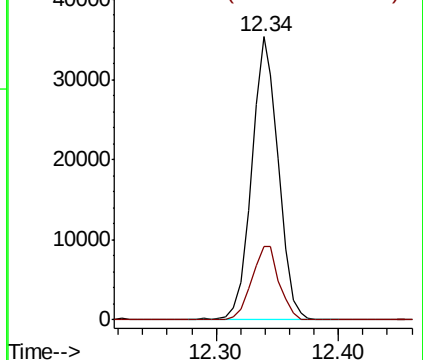
105 100

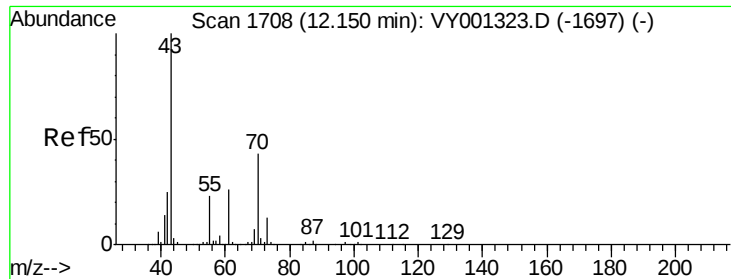
120 27.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

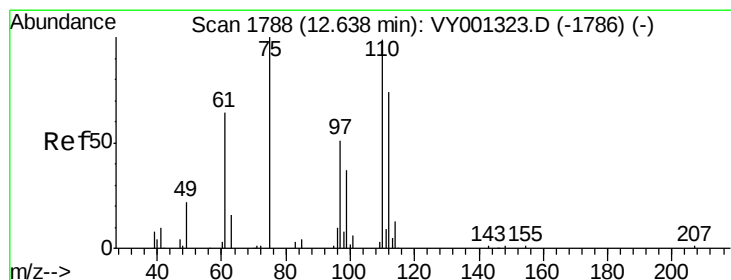
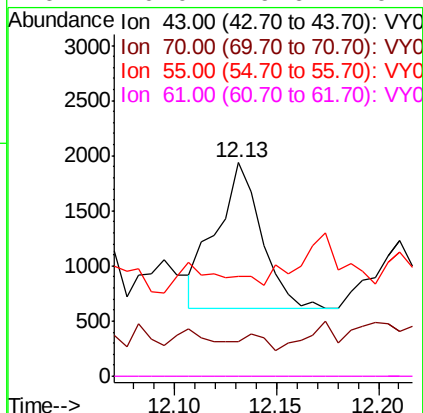
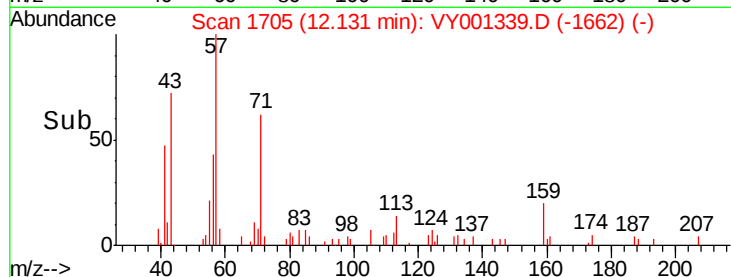
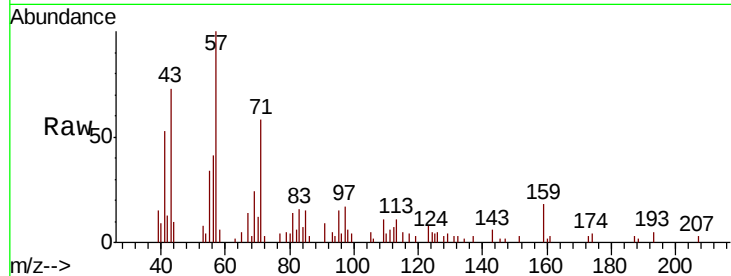




#74
N-amvl acetate
Concen: 4.376 ug/l
RT: 12.13 min Scan# 1705
Delta R.T. -0.04 min
Lab File: VY001339.D
Acq: 22 Jan 2020 18:21

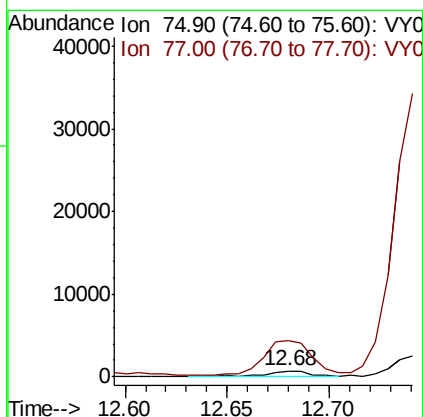
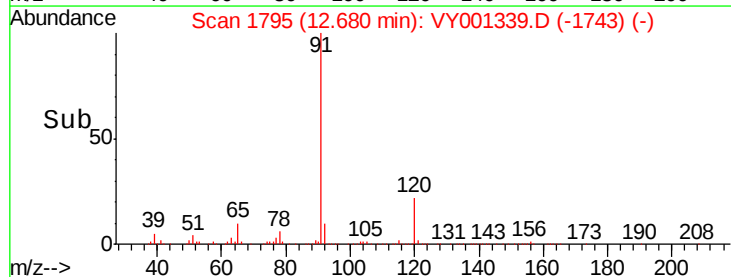
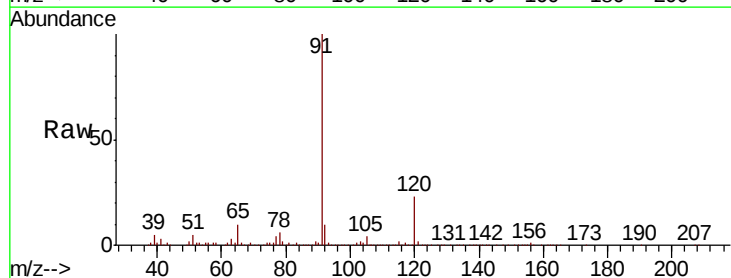
Instrument :
MSVOA_Y
ClientSampleId :

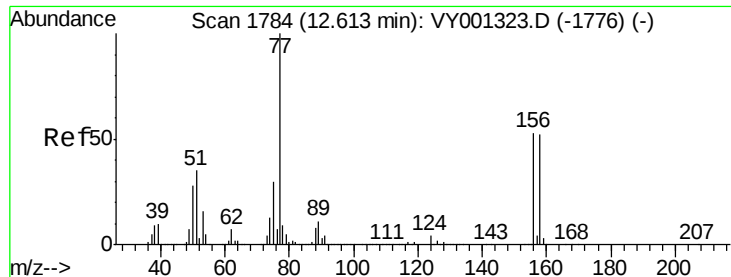
Tot Ion: 43 Resp: 2053
Ion Ratio Lower Upper
43 100
70 6.6 33.5 50.3#
55 0.0 18.2 27.2#
61 0.0 19.6 29.4#



#76
1,2,3-Trichloropropane
Concen: 5.336 ug/l
RT: 12.68 min Scan# 1795
Delta R.T. 0.02 min
Lab File: VY001339.D
Acq: 22 Jan 2020 18:21

Tgt Ion: 75 Resp: 1168
Ion Ratio Lower Upper
75 100
77 605.7 0.0 0.0#





#77

Bromobenzene

Concen: 10.300 ug/l

RT: 12.70 min Scan# 1799

Delta R.T. 0.07 min

Lab File: VY001339.D

Acq: 22 Jan 2020 18:21

Instrument :

MSVOA_Y

ClientSampled :

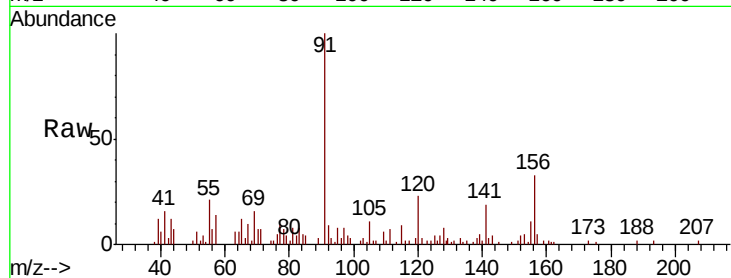
Tot Ion:156 Resp: 3270

Ion Ratio Lower Upper

156 100

77 0.0 104.7 313.9#

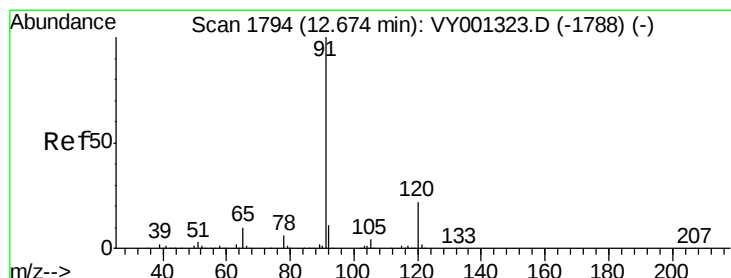
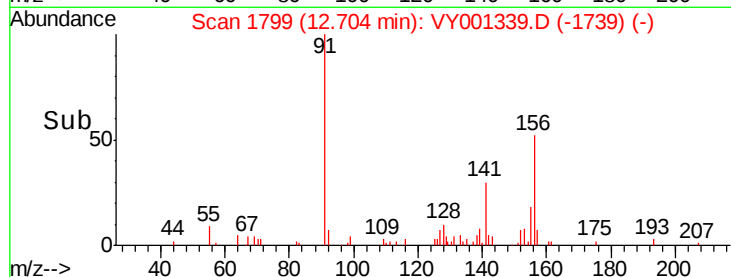
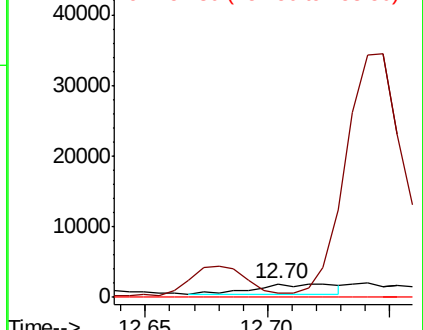
158 0.0 48.6 145.8#



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: 95.456 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. -0.02 min

Lab File: VY001339.D

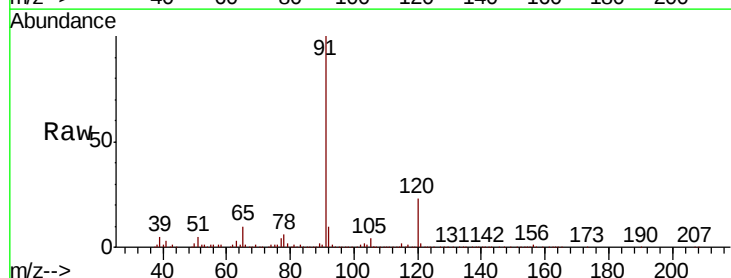
Acq: 22 Jan 2020 18:21

Tgt Ion: 91 Resp: 164687

Ion Ratio Lower Upper

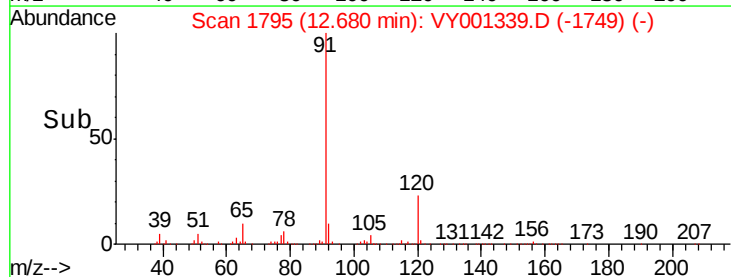
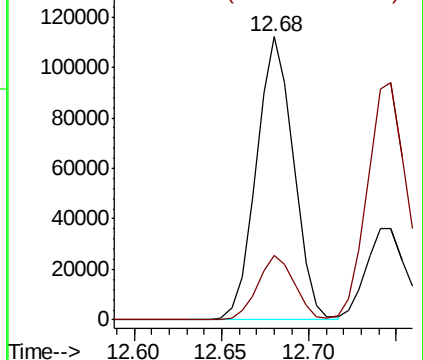
91 100

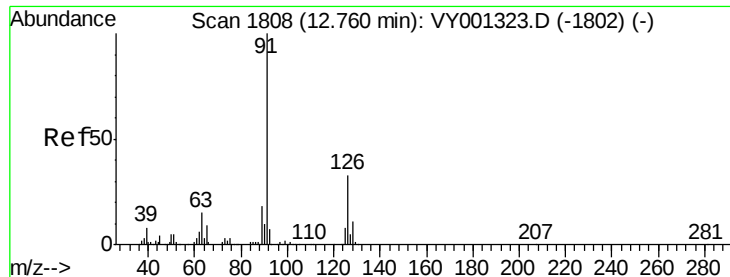
120 22.7 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

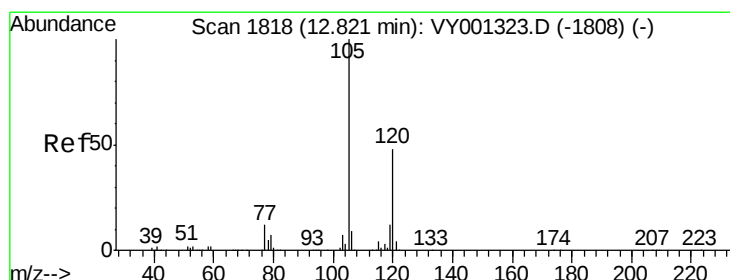
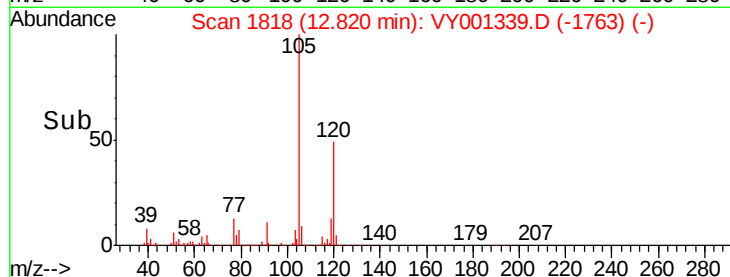
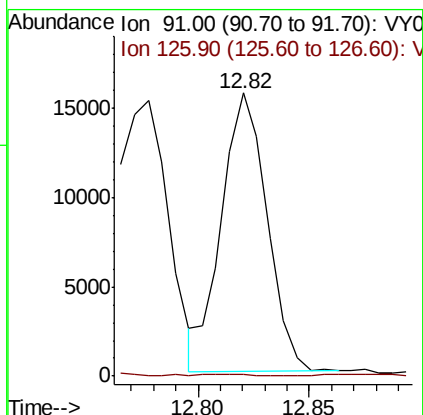
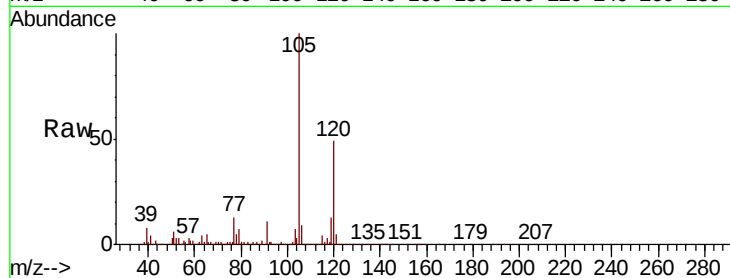




#79
 2-Chlorotoluene
 Concen: 22.496 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. 0.04 min
 Lab File: VY001339.D
 Acq: 22 Jan 2020 18:21

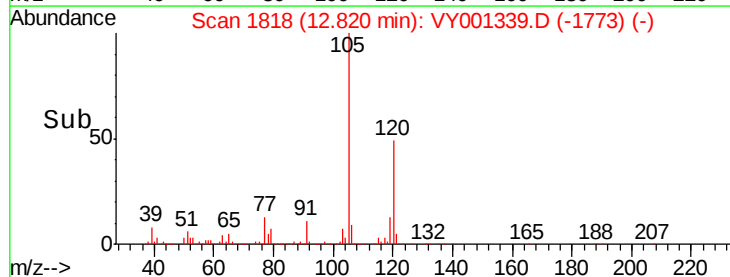
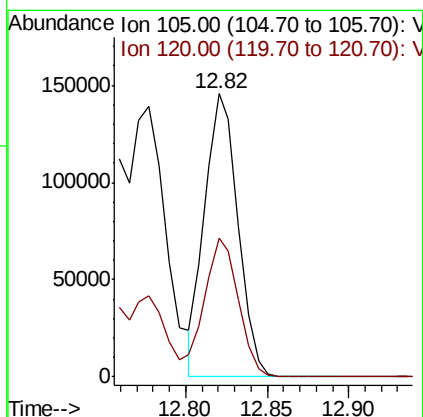
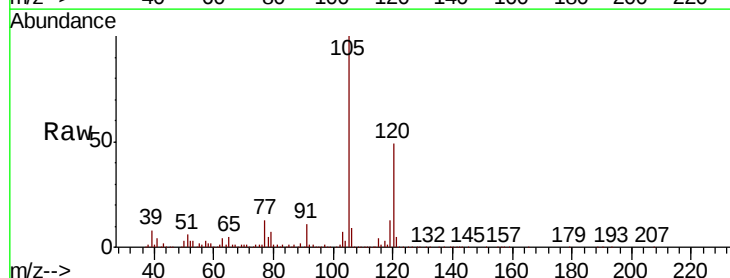
Instrument :
 MSVOA_Y
 ClientSampleId :

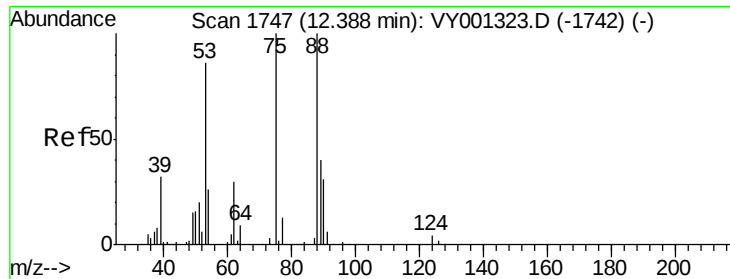
Tot Ion: 91 Resp: 22172
 Ion Ratio Lower Upper
 91 100
 126 0.9 16.6 49.7#



#80
 1,3,5-Trimethylbenzene
 Concen: 172.426 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: VY001339.D
 Acq: 22 Jan 2020 18:21

Tgt Ion: 105 Resp: 206302
 Ion Ratio Lower Upper
 105 100
 120 50.8 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 5.568 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. -0.07 min

Lab File: VY001339.D

Acq: 22 Jan 2020 18:21

Instrument :

MSVOA_Y

ClientSampleId :

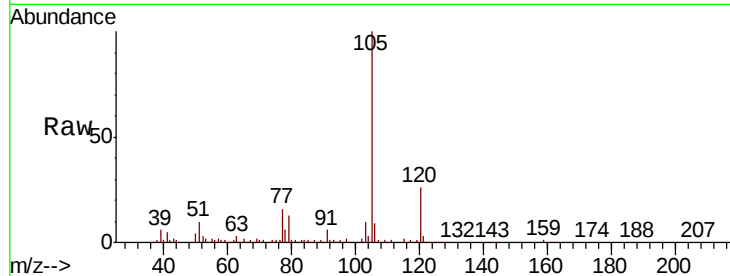
Tot Ion: 75 Resp: 644

Ion Ratio Lower Upper

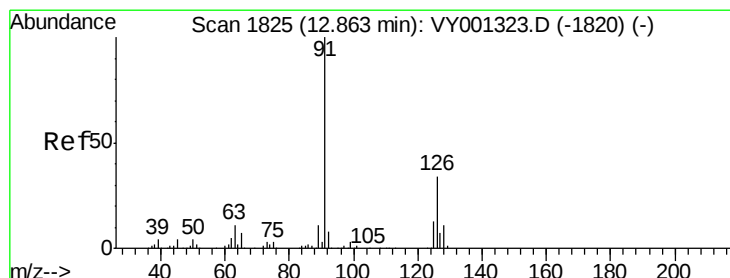
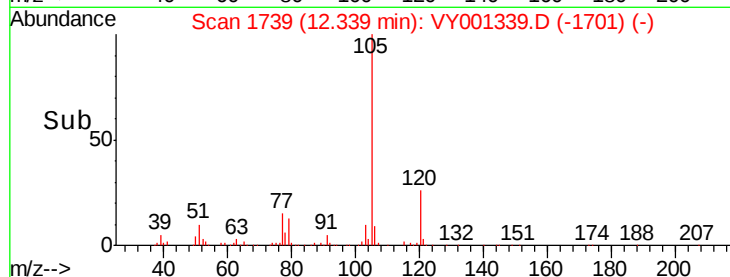
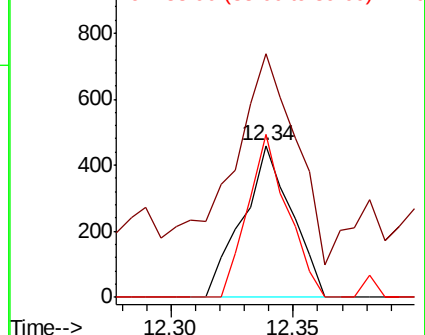
75 100

53 175.2 69.9 104.9#

89 87.3 36.6 54.8#



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: 21.060 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. -0.07 min

Lab File: VY001339.D

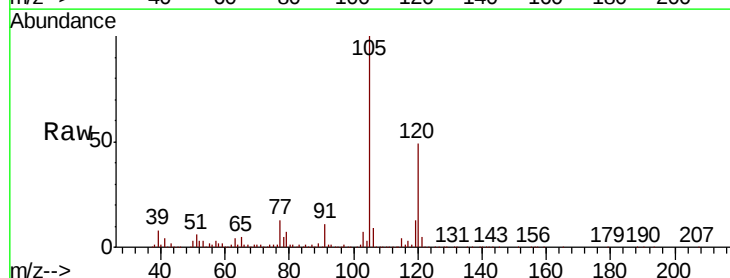
Acq: 22 Jan 2020 18:21

Tgt Ion: 91 Resp: 22172

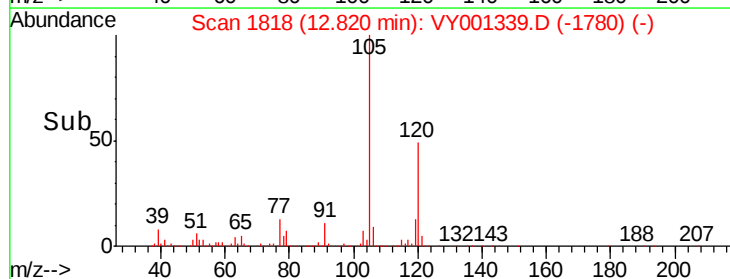
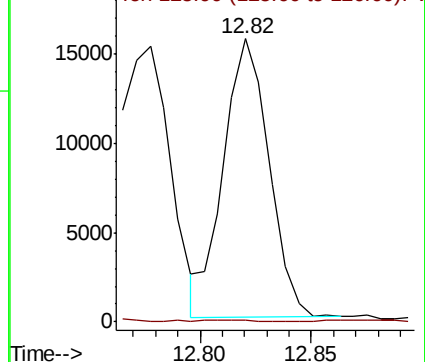
Ion Ratio Lower Upper

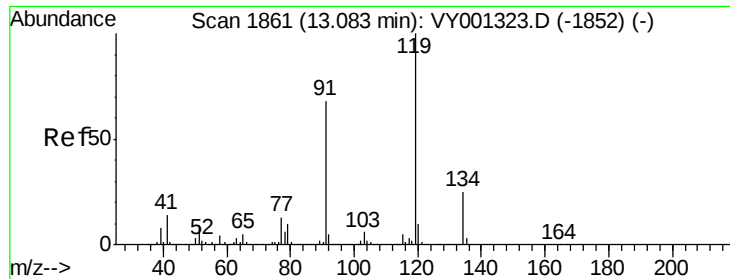
91 100

126 0.9 16.4 49.4#



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

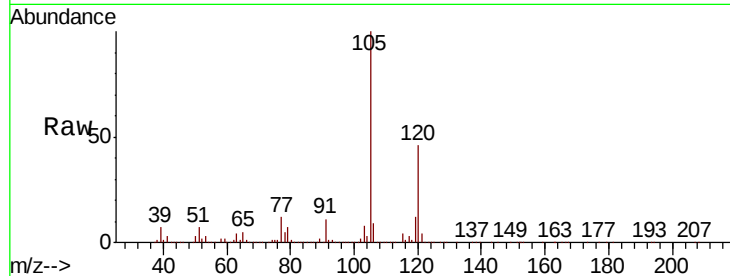




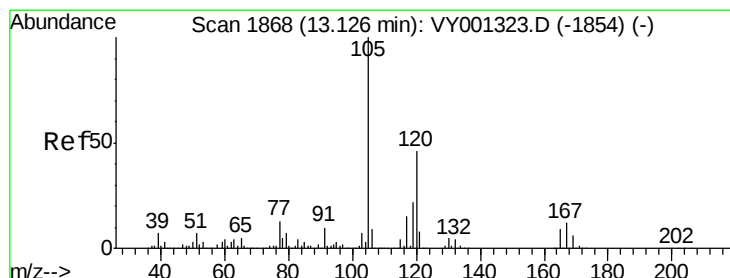
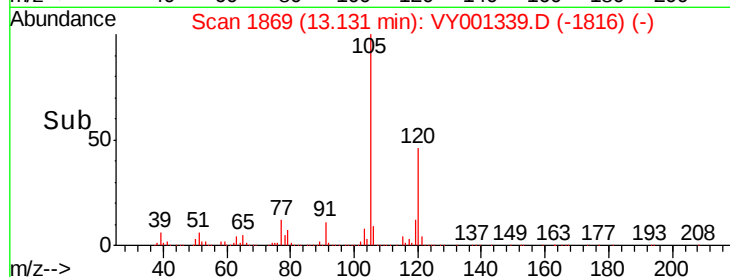
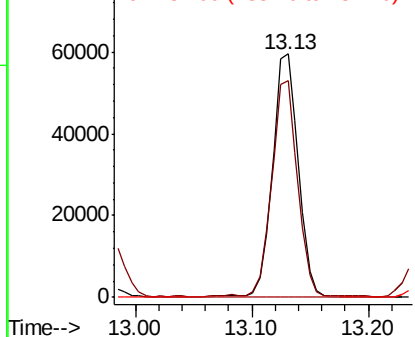
#83
tert-Butylbenzene
Concen: 90.332 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.02 min
Lab File: VY001339.D
Acq: 22 Jan 2020 18:21

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:119 Resp: 91103
Ion Ratio Lower Upper
119 100
91 89.2 33.0 99.0
134 0.0 13.3 39.9#

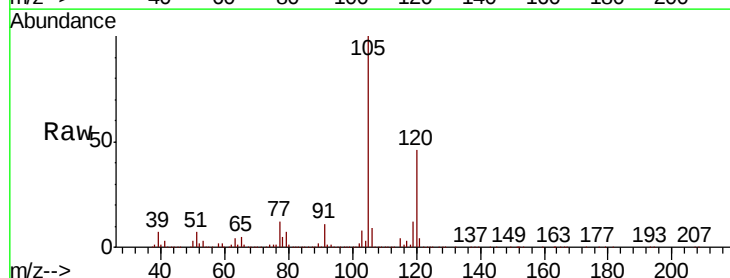


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VY0
Ion 134.00 (133.70 to 134.70): V

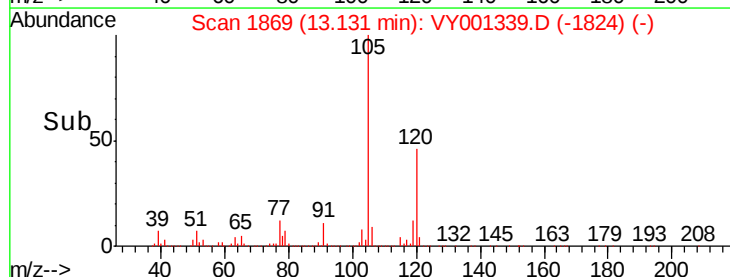
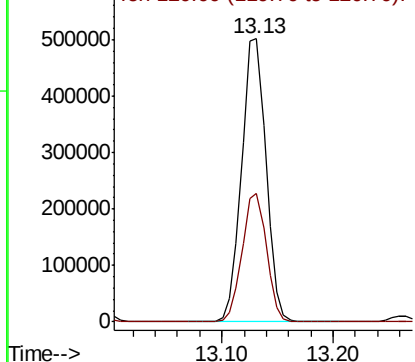


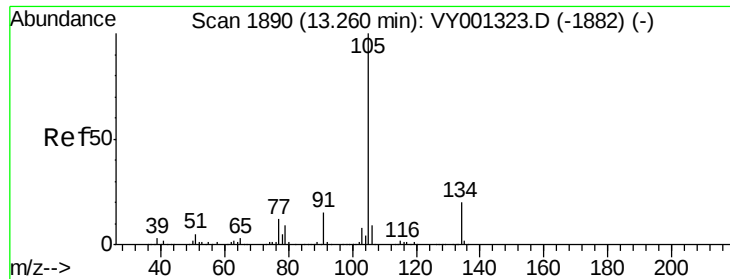
#84
1,2,4-Trimethylbenzene
Concen: 636.979 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. -0.02 min
Lab File: VY001339.D
Acq: 22 Jan 2020 18:21

Tgt Ion:105 Resp: 765152
Ion Ratio Lower Upper
105 100
120 45.5 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 533.796 ug/l

RT: 13.13 min Scan# 1869

Delta R.T. -0.16 min

Lab File: VY001339.D

Acq: 22 Jan 2020 18:21

Instrument :

MSVOA_Y

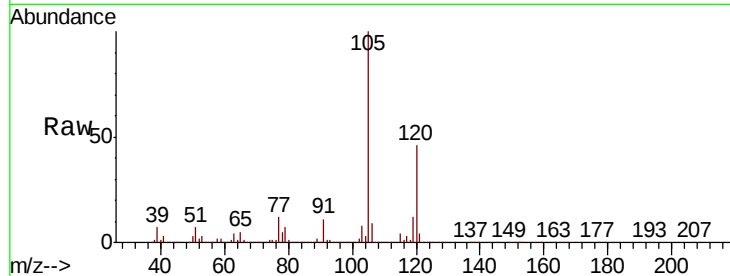
ClientSampleId :

Tot Ion:105 Resp: 764882

Ion Ratio Lower Upper

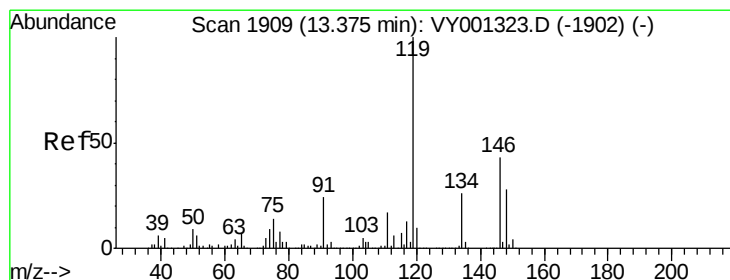
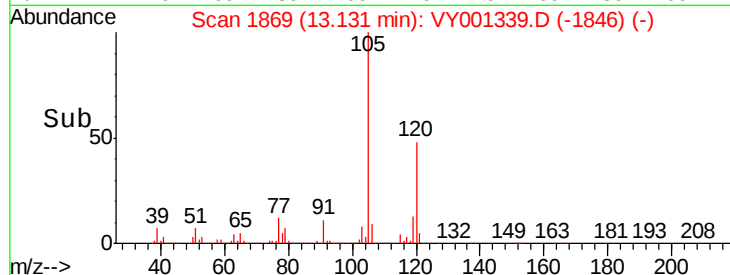
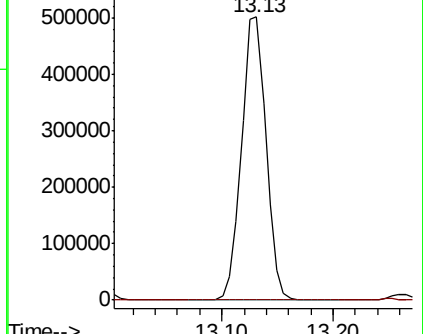
105 100

134 0.0 9.8 29.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 17.913 ug/l

RT: 13.32 min Scan# 1900

Delta R.T. -0.09 min

Lab File: VY001339.D

Acq: 22 Jan 2020 18:21

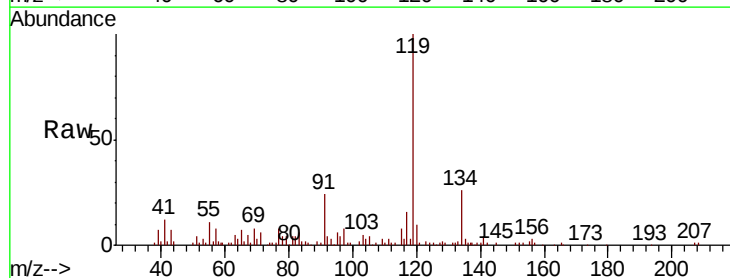
Tgt Ion:119 Resp: 22620

Ion Ratio Lower Upper

119 100

134 28.1 13.5 40.4

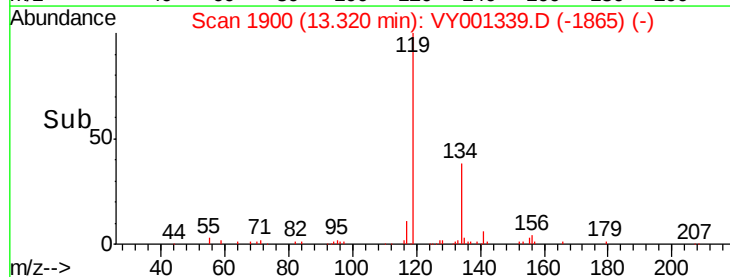
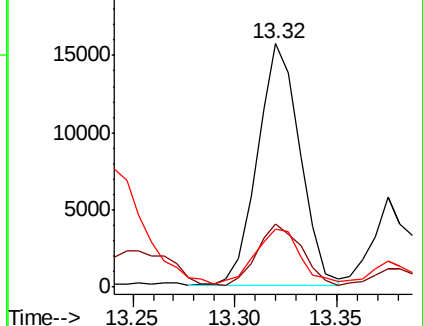
91 23.7 12.2 36.6

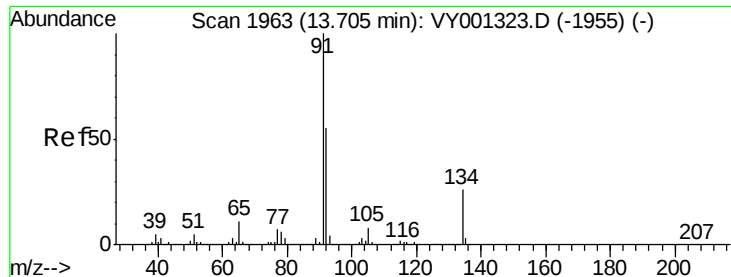


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

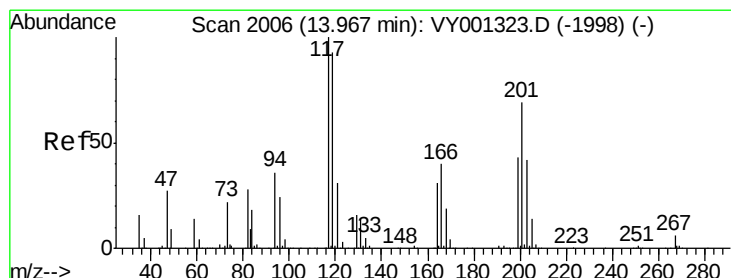
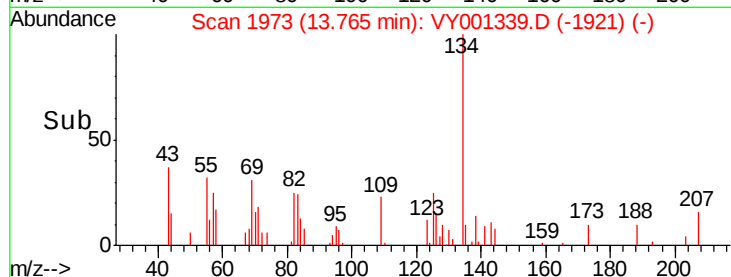
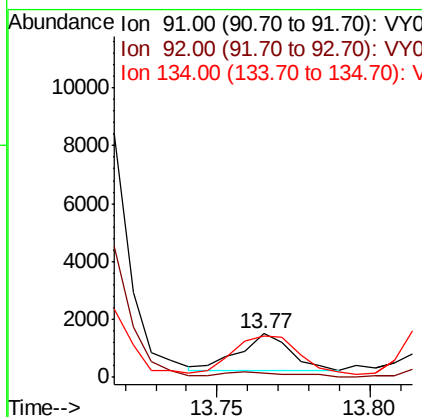
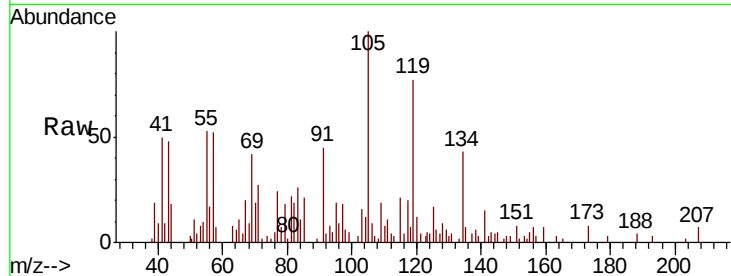




#89
n-Butylbenzene
Concen: 1.113 ug/l
RT: 13.77 min Scan# 1973
Delta R.T. 0.02 min
Lab File: VY001339.D
Acq: 22 Jan 2020 18:21

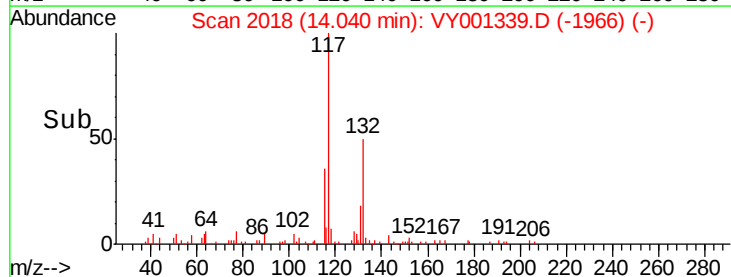
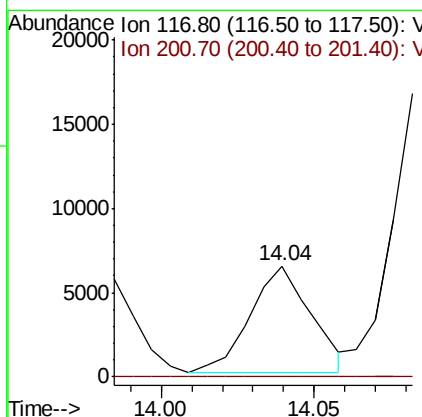
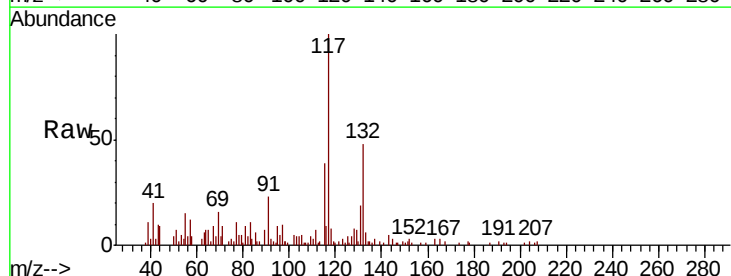
Instrument :
MSVOA_Y
ClientSampled :

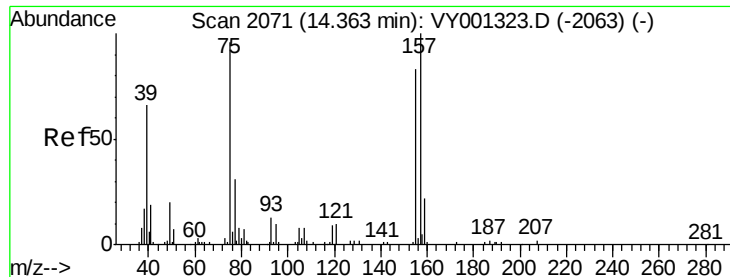
Tot Ion: 91 Resp: 1415
Ion Ratio Lower Upper
91 100
92 0.0 27.6 82.8#
134 157.2 12.9 38.6#



#90
Hexachloroethane
Concen: 36.665 ug/l
RT: 14.04 min Scan# 2018
Delta R.T. 0.02 min
Lab File: VY001339.D
Acq: 22 Jan 2020 18:21

Tgt Ion: 117 Resp: 8776
Ion Ratio Lower Upper
117 100
201 0.0 34.6 103.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: 11.723 ug/l

RT: 14.34 min Scan# 2067

Delta R.T. -0.10 min

Lab File: VY001339.D

Acq: 22 Jan 2020 18:21

Instrument :

MSVOA_Y

ClientSampleId :

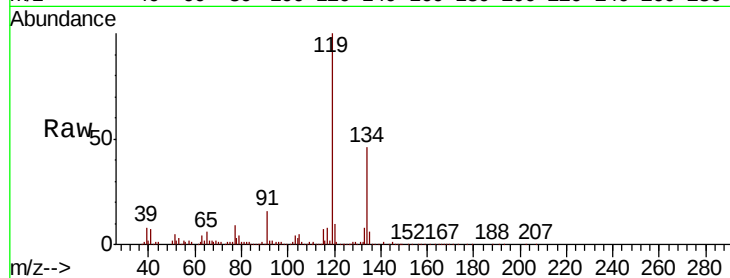
Tot Ion: 75 Resp: 621

Ion Ratio Lower Upper

75 100

155 0.0 43.0 129.2#

157 29.8 53.3 160.0#

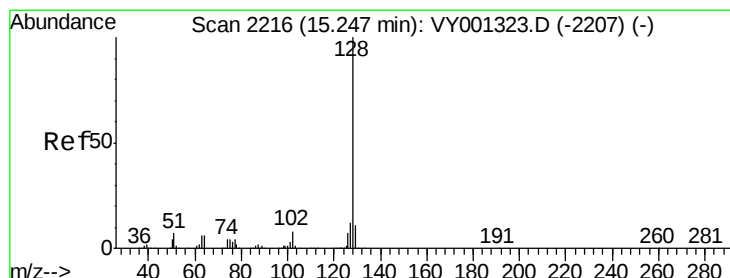
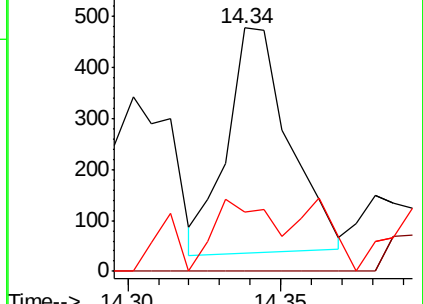
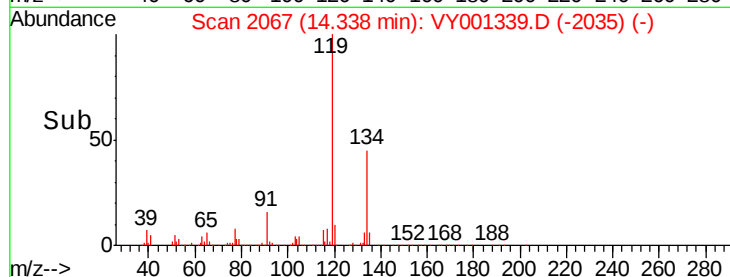


Abundance Ion 74.90 (74.60 to 75.60): VY001339.D (-2063) (-)

Ion 154.80 (154.50 to 155.50): VY001339.D (-2063) (-)

Ion 156.80 (156.50 to 157.50): VY001339.D (-2063) (-)

Time-->



#95

Naphthalene

Concen: 47.644 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. -0.16 min

Lab File: VY001339.D

Acq: 22 Jan 2020 18:21

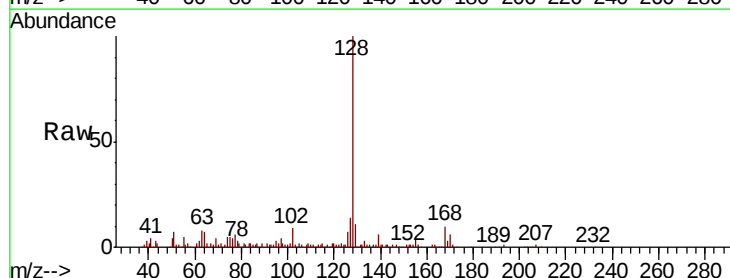
Tgt Ion: 128 Resp: 41230

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.2

129 11.6 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): VY001339.D (-2194) (-)

Ion 127.00 (126.70 to 127.70): VY001339.D (-2194) (-)

Ion 129.00 (128.70 to 129.70): VY001339.D (-2194) (-)

Time-->

