

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050720\
 Data File : VY002624.D
 Acq On : 07 May 2020 12:30
 Operator : SY/MD
 Sample : L2525-01
 Misc : 4.63G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 08 02:36:00 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	303012	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	453100	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	312120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	91348	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	124265	48.77	ug/l	0.00
Spiked Amount			Recovery	=	97.54%	
35) Dibromofluoromethane	7.74	113	132402	51.09	ug/l	0.00
Spiked Amount			Recovery	=	102.18%	
50) Toluene-d8	10.19	98	500269	49.44	ug/l	0.00
Spiked Amount			Recovery	=	98.88%	
62) 4-Bromofluorobenzene	12.49	95	118415	34.49	ug/l	0.00
Spiked Amount			Recovery	=	68.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	53	1.805	ug/l #	43
8) Diethyl Ether	3.55	74	14799	10.024	ug/l	98
11) Tert butyl alcohol	4.99	59	1286	4.906	ug/l #	78
16) Acetone	3.98	43	1321	2.512	ug/l	90
20) Methylene Chloride	4.74	84	7653	2.603	ug/l	92
25) 2-Butanone	7.01	43	13135	15.261	ug/l #	45
31) Cyclohexane	7.80	56	843620	184.223	ug/l	95
36) 1,1-Dichloropropene	7.81	75	19744	5.198	ug/l #	57
37) Ethyl Acetate	7.01	43	13135	6.729	ug/l #	69
38) Carbon Tetrachloride	7.81	117	26974	6.505	ug/l #	16
39) Methylcyclohexane	9.19	83	244245	48.684	ug/l	98
41) Methacrylonitrile	7.55	41	13002	12.389	ug/l #	46
43) Isopropyl Acetate	8.28	43	18243	4.985	ug/l #	50
48) Methyl methacrylate	9.38	41	8661	5.230	ug/l #	60
51) 4-Methyl-2-Pentanone	10.08	43	2930	1.553	ug/l #	62
55) 1,1,2-Trichloroethane	10.63	97	100210	45.109	ug/l #	21
56) Ethyl methacrylate	10.53	69	17900	6.057	ug/l #	1
59) 2-Hexanone	10.81	43	28675	22.089	ug/l #	28
67) Ethyl Benzene	11.60	91	32319	3.101	ug/l	100
68) m/p-Xylenes	11.70	106	5753	1.427	ug/l #	73
69) o-Xylene	12.03	106	103236	27.341	ug/l	99
73) Isopropylbenzene	12.33	105	6217	1.050	ug/l	100
74) N-amyl acetate	12.13	43	64555	45.329	ug/l #	41
75) 1,1,2,2-Tetrachloroethane	12.55	83	17862	18.971	ug/l #	26
76) 1,2,3-Trichloropropane	12.77	75	3905	4.810	ug/l #	100
78) n-propylbenzene	12.67	91	13525	1.969	ug/l #	51
79) 2-Chlorotoluene	12.77	91	59799	15.713	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.81	105	609800	124.261	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.49	75	51283	126.675	ug/l #	21
82) 4-Chlorotoluene	12.81	91	64057	16.024	ug/l #	44
83) tert-Butylbenzene	12.97	119	12614	2.931	ug/l #	1
84) 1,2,4-Trimethylbenzene	13.12	105	23931	4.893	ug/l	97
85) sec-Butylbenzene	13.46	105	1022730	171.287	ug/l #	54
86) p-Isopropyltoluene	13.38	119	101499	18.142	ug/l	98

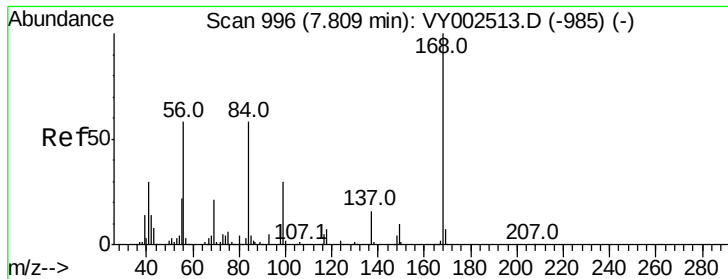
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050720\
Data File : VY002624.D
Acq On : 07 May 2020 12:30
Operator : SY/MD
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Quant Time: May 08 02:36:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	13.67	91	175195	34.399	ug/l #	1
90) Hexachloroethane	13.97	117	71900	70.570	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	14.38	75	1938	11.042	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.02	180	2824	1.557	ug/l #	33
95) Naphthalene	15.24	128	5296	1.601	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.45	180	9483	6.159	ug/l #	12

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

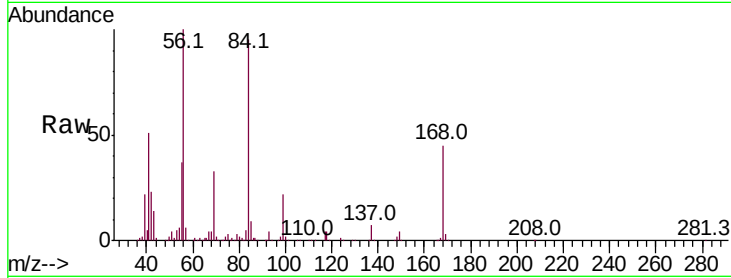


#1

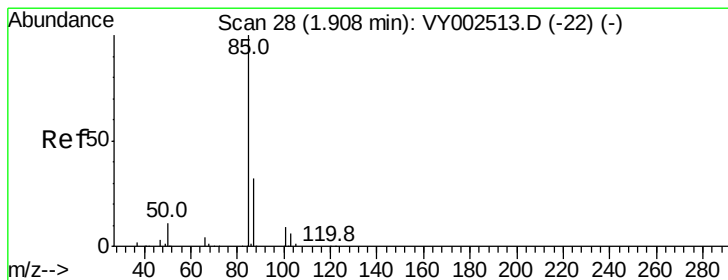
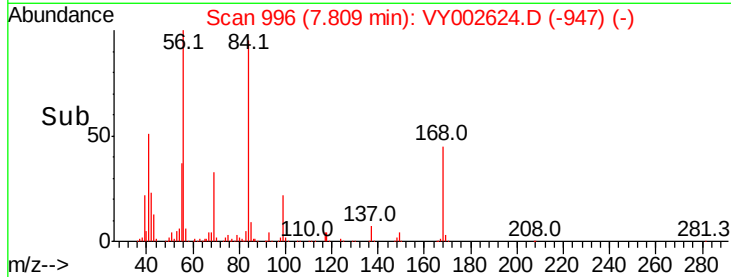
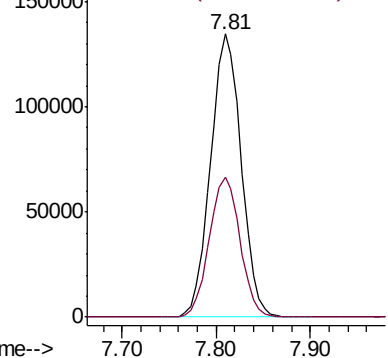
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.00 min
 Lab File: VY002624.D
 Acq: 07 May 2020 12:30

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:168 Resp: 303012
 Ion Ratio Lower Upper
 168 100
 99 49.6 39.2 58.8



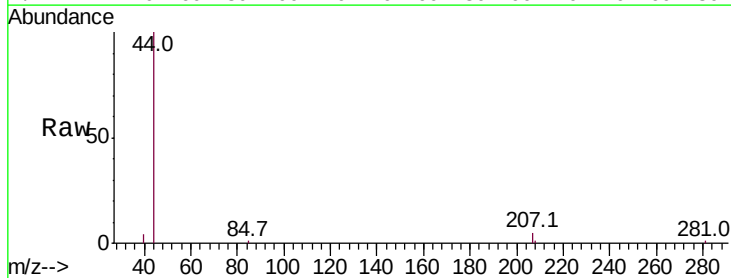
Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)
 Ion 98.90 (98.60 to 99.60): VY002624.D (-947) (-)



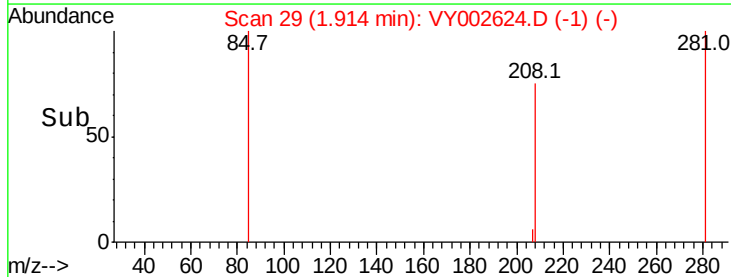
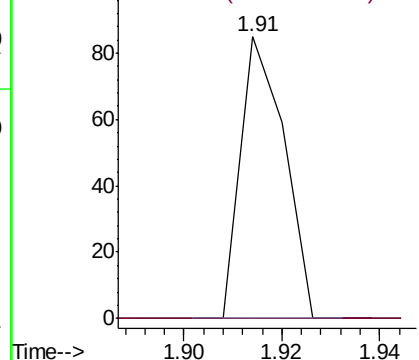
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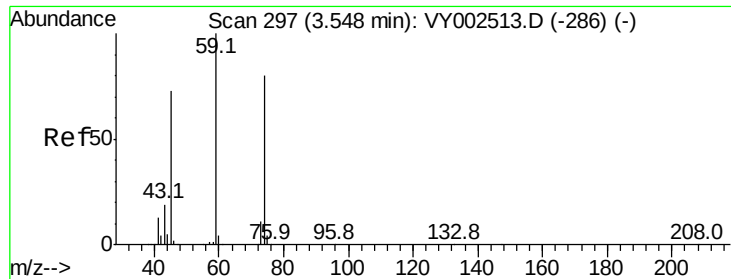
Dichlorodifluoromethane
 Concen: 1.805 ug/l
 RT: 1.91 min Scan# 29
 Delta R.T. 0.01 min
 Lab File: VY002624.D
 Acq: 07 May 2020 12:30

Tgt Ion: 85 Resp: 53
 Ion Ratio Lower Upper
 85 100
 87 0.0 15.8 47.4#



Abundance Ion 84.90 (84.60 to 85.60): VY002513.D (-22) (-)
 Ion 86.90 (86.60 to 87.60): VY002624.D (-1) (-)





#8

Diethyl Ether

Concen: 10.024 ug/l

RT: 3.55 min Scan# 298

Delta R.T. 0.01 min

Lab File: VY002624.D

Acq: 07 May 2020 12:30

Instrument :

MSVOA_Y

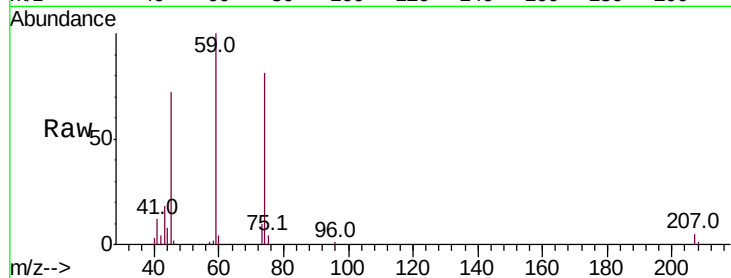
ClientSampleId :

Tot Ion: 74 Resp: 14799

Ion Ratio Lower Upper

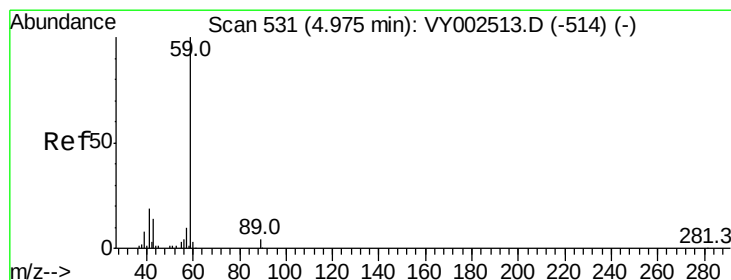
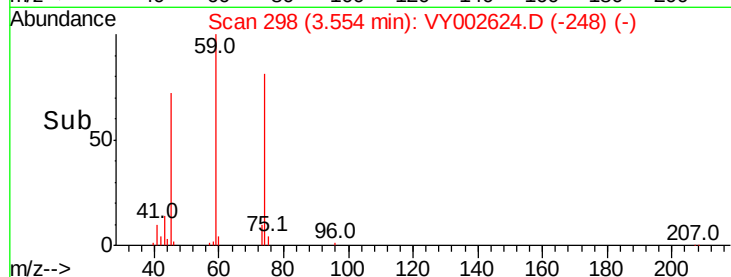
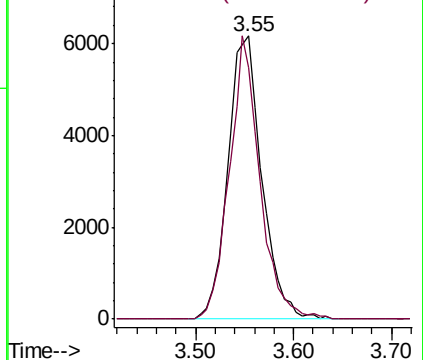
74 100

45 90.0 46.2 138.5



Abundance Ion 74.00 (73.70 to 74.70): VY0

Ion 45.00 (44.70 to 45.70): VY0



#11

Tert butyl alcohol

Concen: 4.906 ug/l

RT: 4.99 min Scan# 533

Delta R.T. 0.01 min

Lab File: VY002624.D

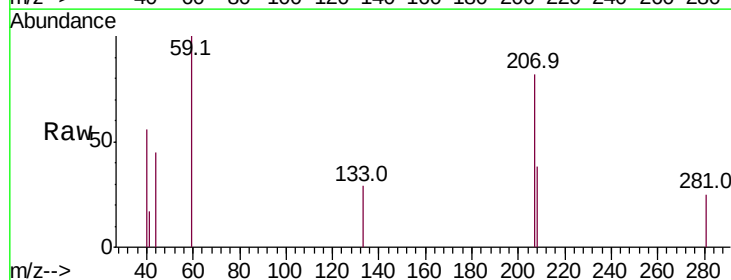
Acq: 07 May 2020 12:30

Tgt Ion: 59 Resp: 1286

Ion Ratio Lower Upper

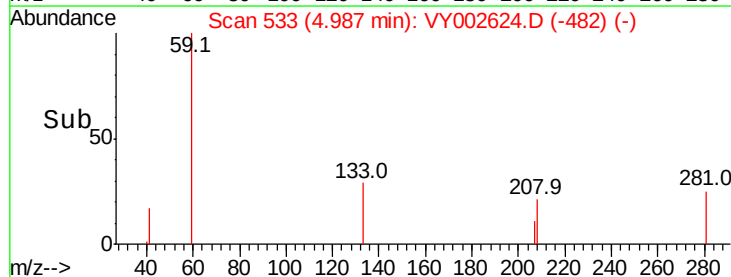
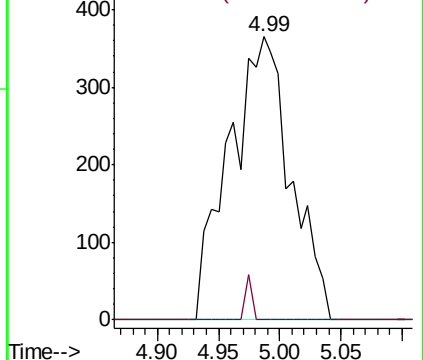
59 100

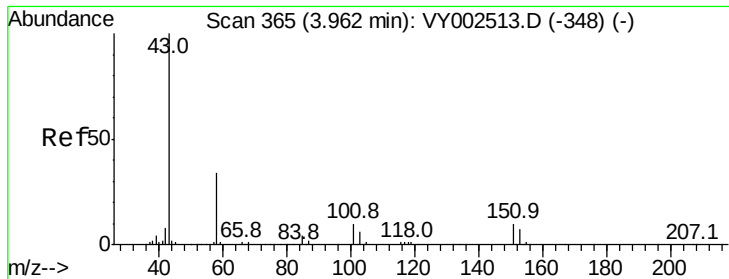
57 1.7 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0

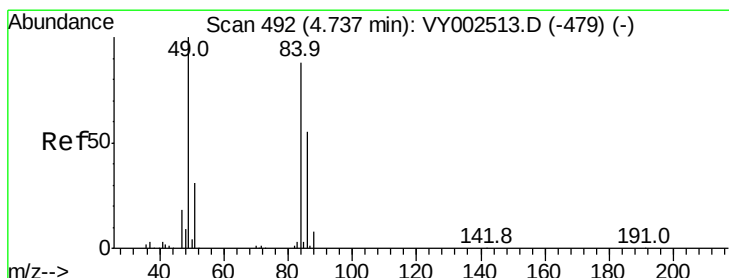
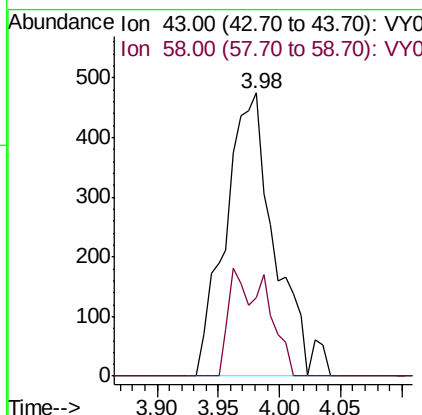
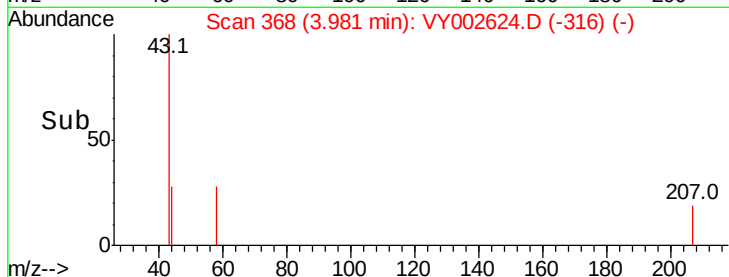
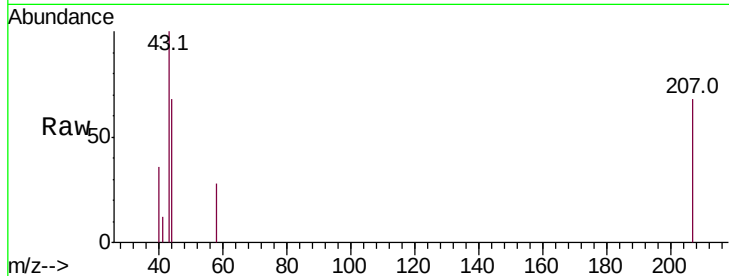




#16
Acetone
Concen: 2.512 ug/l
RT: 3.98 min Scan# 368
Delta R.T. 0.02 min
Lab File: VY002624.D
Acq: 07 May 2020 12:30

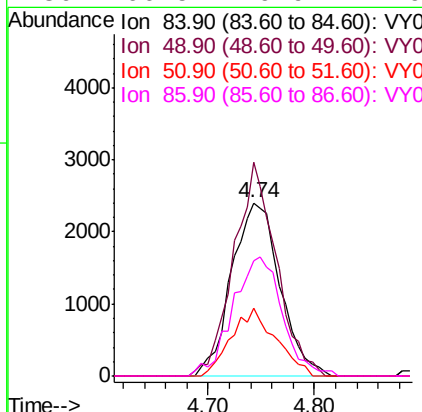
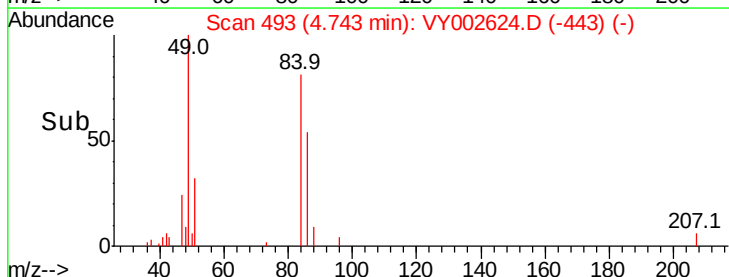
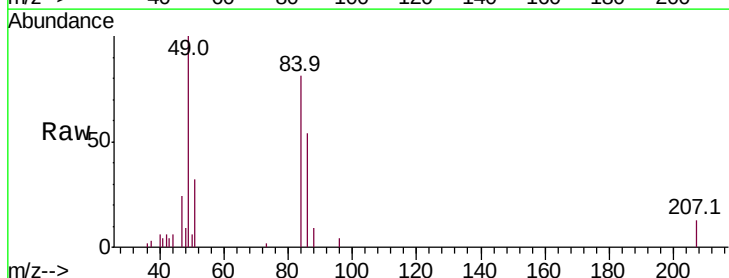
Instrument :
MSVOA_Y
ClientSampled :

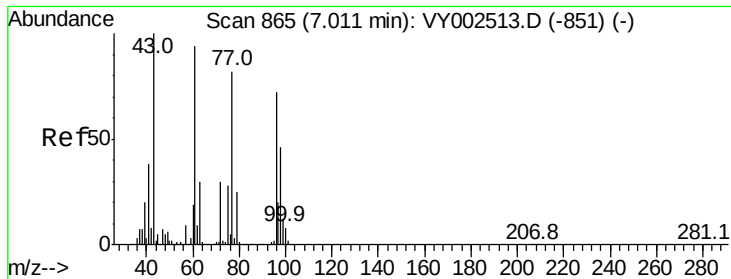
Tot Ion: 43 Resp: 1321
Ion Ratio Lower Upper
43 100
58 27.6 26.9 40.3



#20
Methylene Chloride
Concen: 2.603 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002624.D
Acq: 07 May 2020 12:30

Tgt Ion: 84 Resp: 7653
Ion Ratio Lower Upper
84 100
49 123.4 90.5 135.7
51 39.3 28.3 42.5
86 66.5 49.9 74.9





#25

2-Butanone

Concen: 15.261 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.00 min

Lab File: VY002624.D

Acq: 07 May 2020 12:30

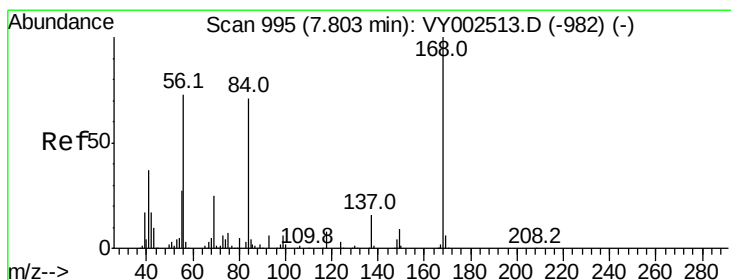
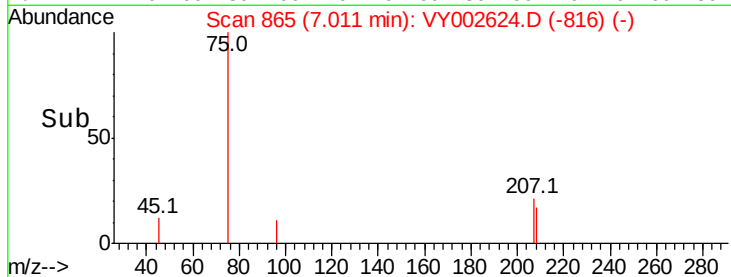
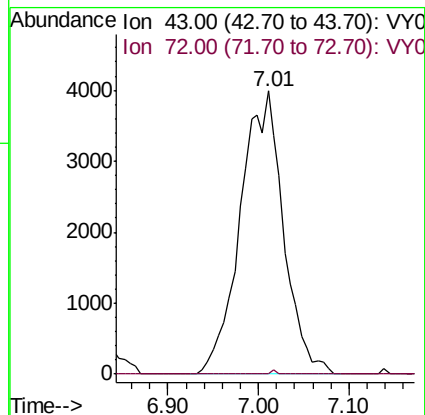
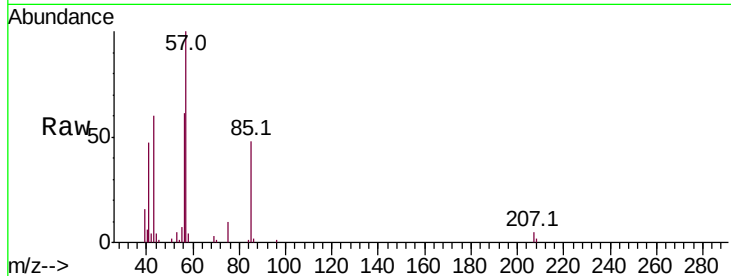
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 13135

Ion Ratio Lower Upper

43 100

72 0.0 24.1 36.1#



#31

Cyclohexane

Concen: 184.223 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY002624.D

Acq: 07 May 2020 12:30

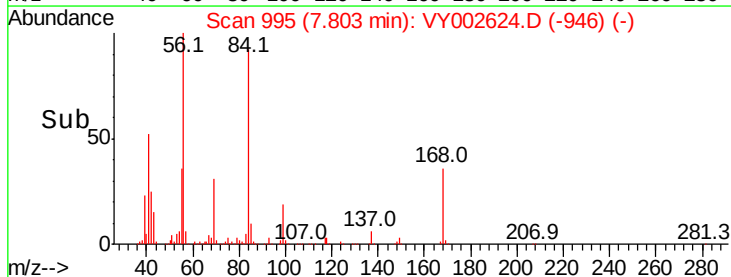
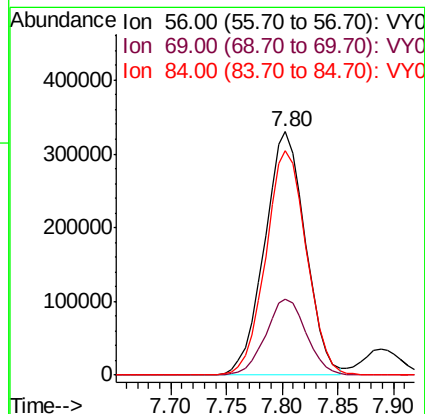
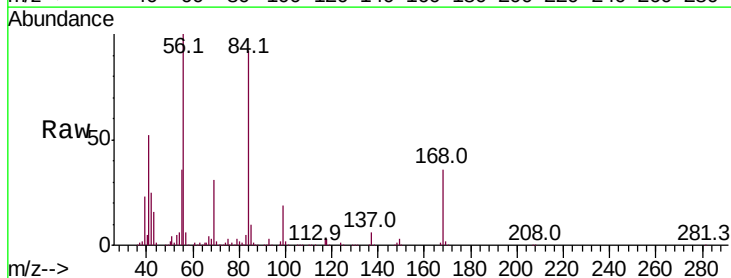
Tgt Ion: 56 Resp: 843620

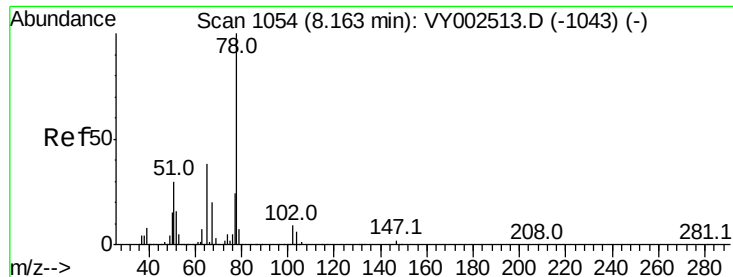
Ion Ratio Lower Upper

56 100

69 31.1 27.6 41.4

84 92.0 77.7 116.5

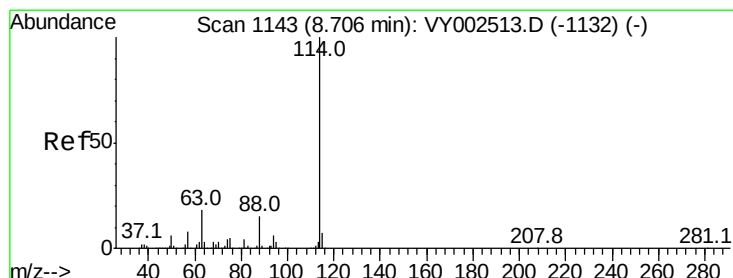
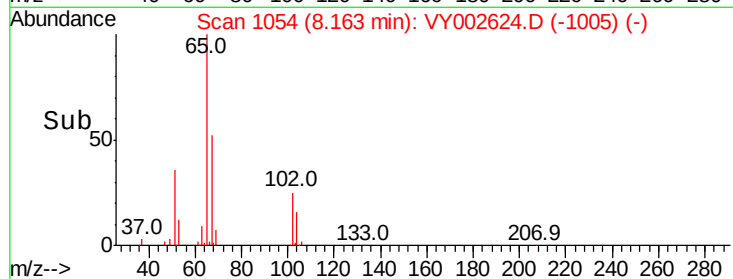
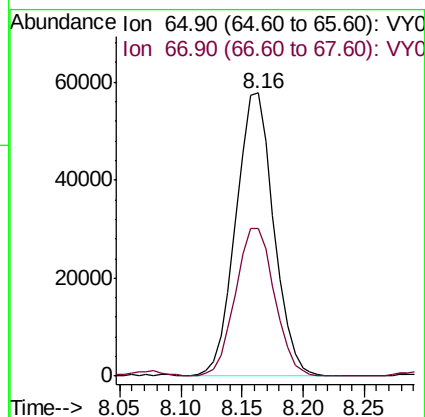
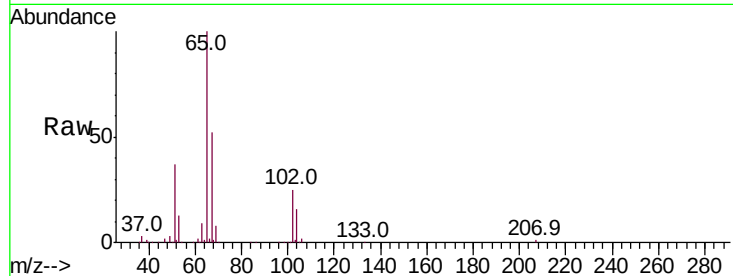




#33
 1,2-Dichloroethane-d4
 Concen: 48.774 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: VY002624.D
 Acq: 07 May 2020 12:30

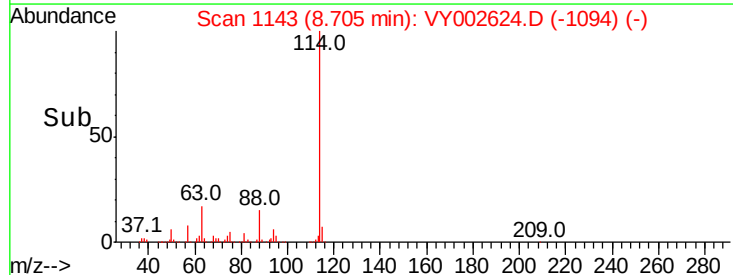
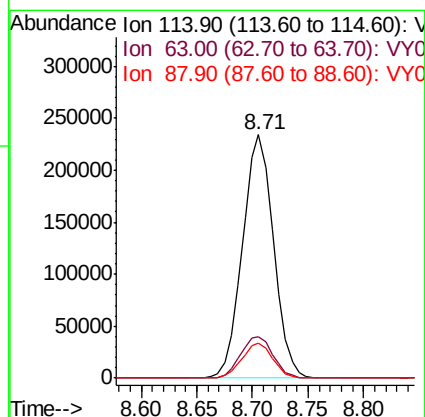
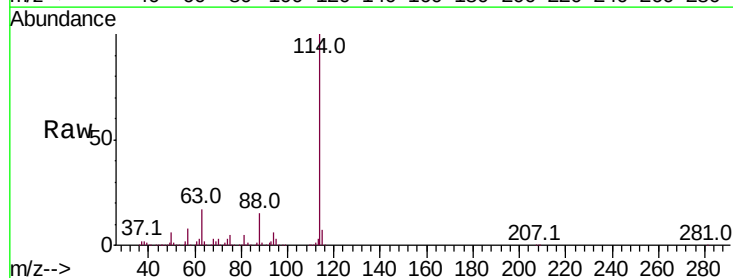
Instrument :
 MSVOA_Y
 ClientSampleId :

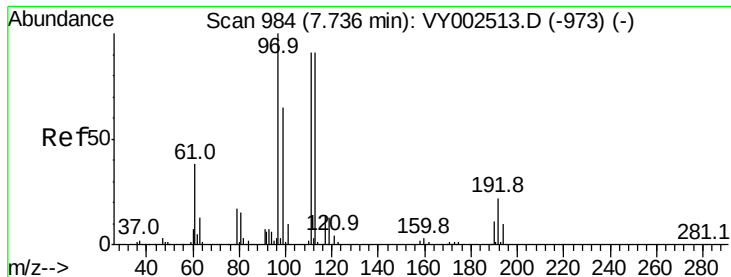
Tot Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VY002624.D
 Acq: 07 May 2020 12:30

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	36.4
88	14.6	0.0	29.6





#35

Dibromofluoromethane

Concen: 51.095 ug/l

RT: 7.74 min Scan# 984

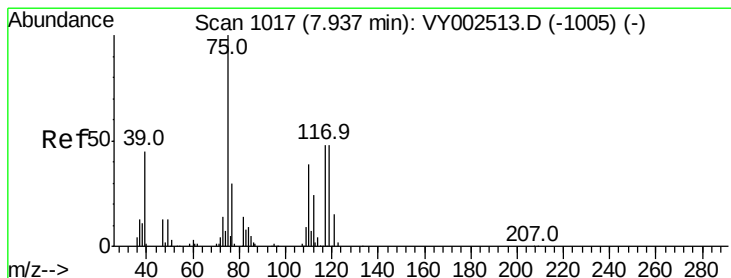
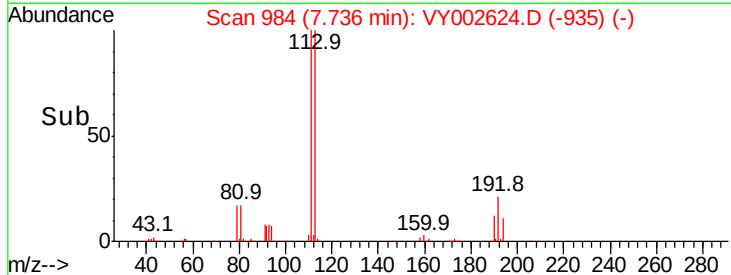
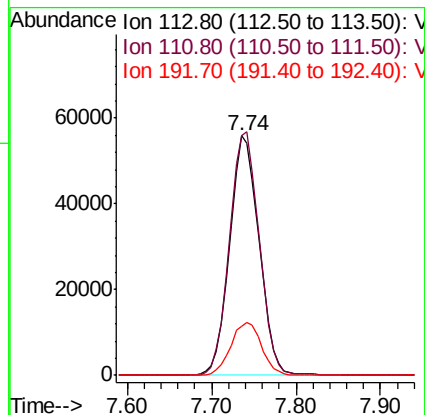
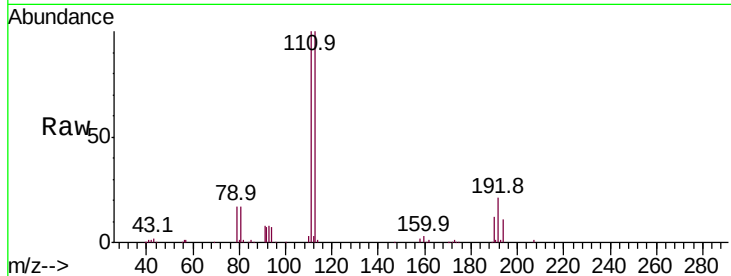
Delta R.T. -0.00 min

Lab File: VY002624.D

Acq: 07 May 2020 12:30

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	113	Resp:	132402
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.8	122.6
192	22.9	18.2	27.4



#36

1,1-Dichloropropene

Concen: 5.198 ug/l

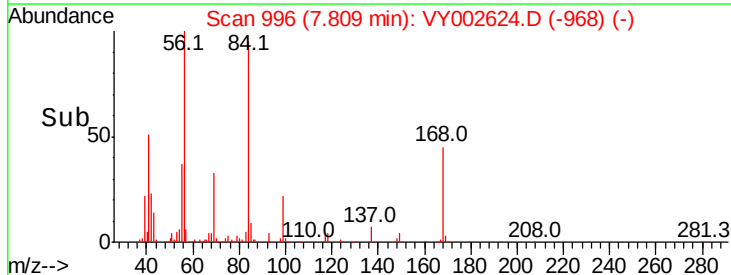
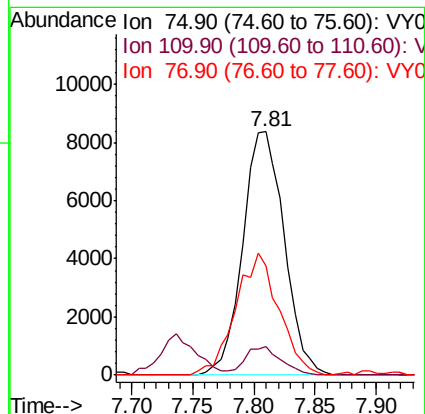
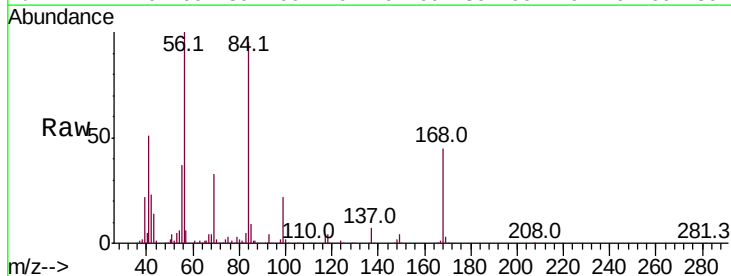
RT: 7.81 min Scan# 996

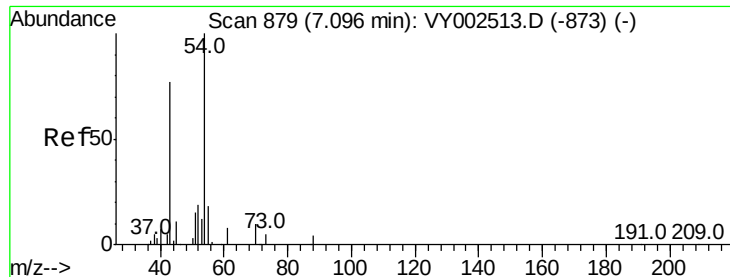
Delta R.T. -0.13 min

Lab File: VY002624.D

Acq: 07 May 2020 12:30

Tgt Ion:	75	Resp:	19744
Ion	Ratio	Lower	Upper
75	100		
110	10.1	19.1	57.3#
77	52.2	24.6	37.0#





#37

Ethyl Acetate

Concen: 6.729 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.09 min

Lab File: VY002624.D

Acq: 07 May 2020 12:30

Instrument :

MSVOA_Y

ClientSampled :

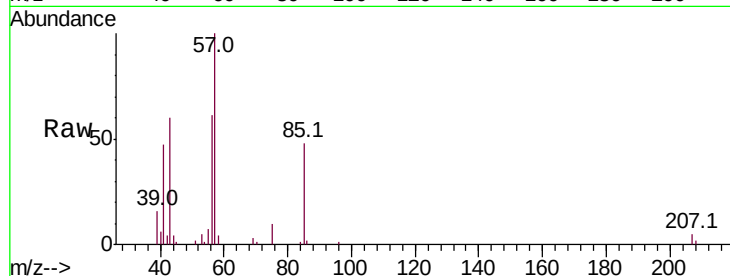
Tot Ion: 43 Resp: 13135

Ion Ratio Lower Upper

43 100

61 0.0 11.6 17.4#

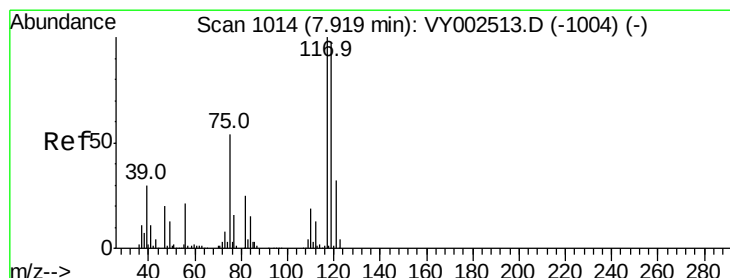
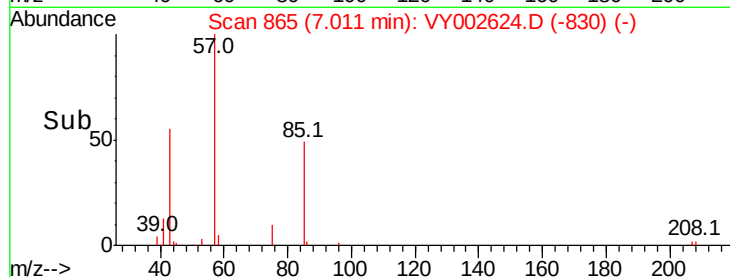
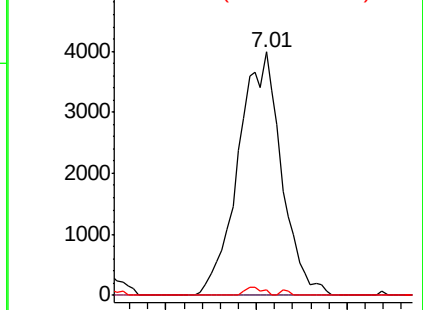
70 1.3 9.0 13.6#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 70.00 (69.70 to 70.70): VY0



#38

Carbon Tetrachloride

Concen: 6.505 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.11 min

Lab File: VY002624.D

Acq: 07 May 2020 12:30

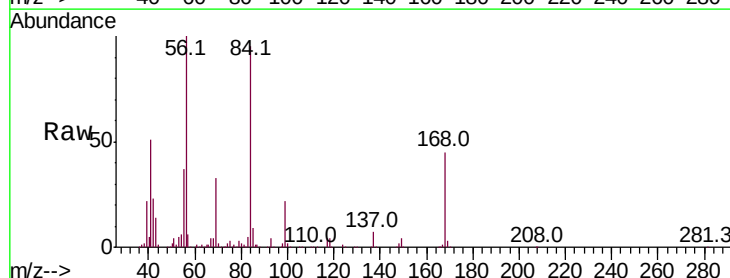
Tgt Ion: 117 Resp: 26974

Ion Ratio Lower Upper

117 100

119 5.6 77.1 115.7#

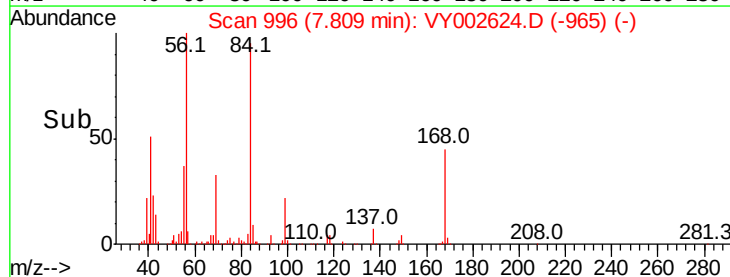
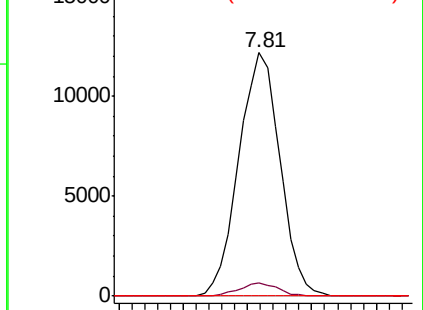
121 0.0 25.2 37.8#

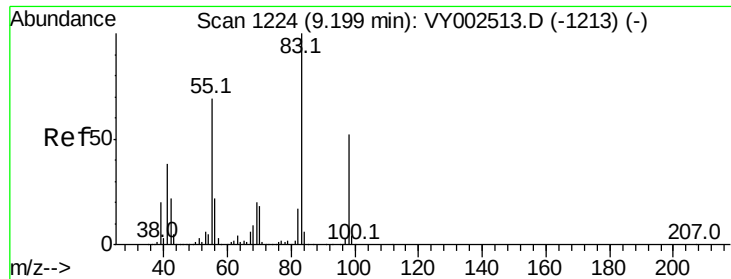


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

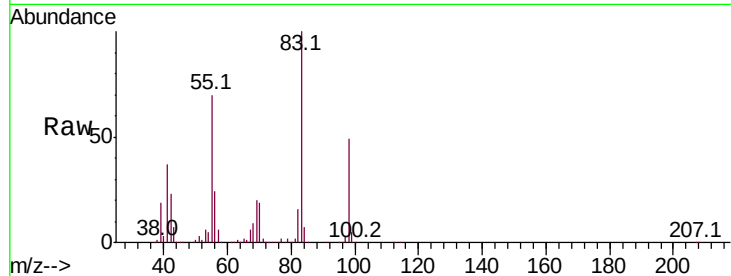




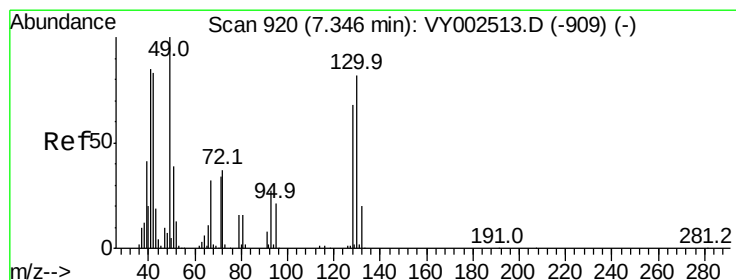
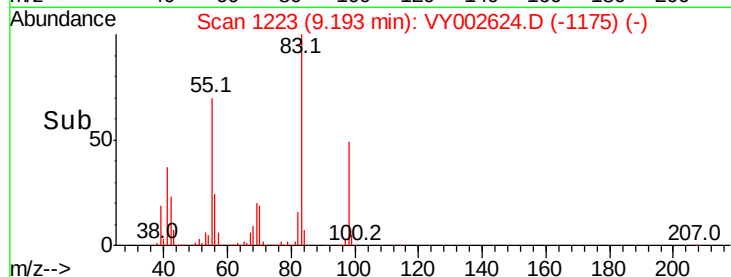
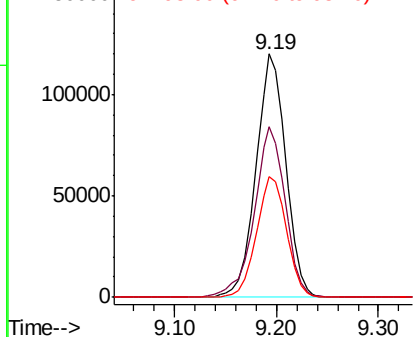
#39
Methylcyclohexane
Concen: 48.684 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY002624.D
Acq: 07 May 2020 12:30

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 244245
Ion Ratio Lower Upper
83 100
55 70.1 55.4 83.0
98 49.4 41.3 61.9

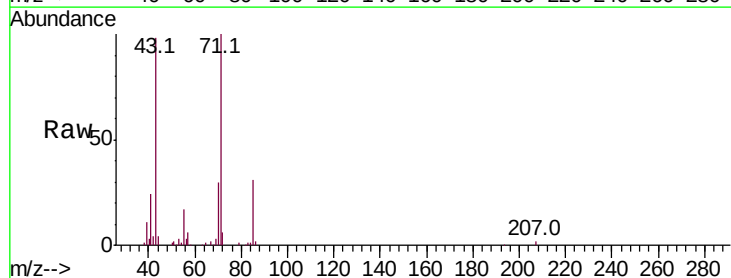


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

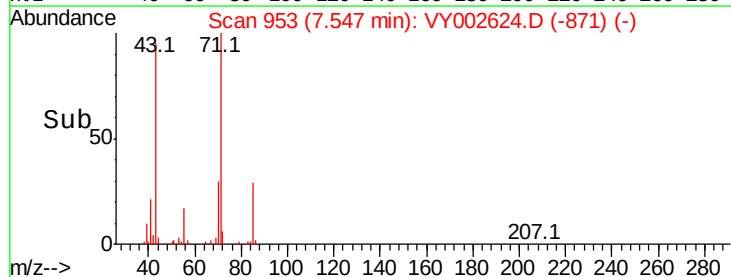
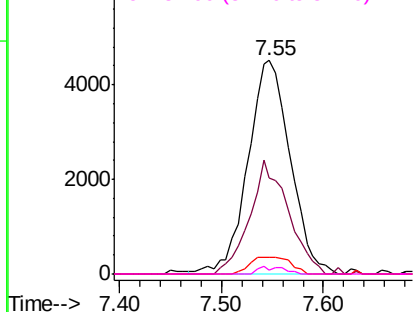


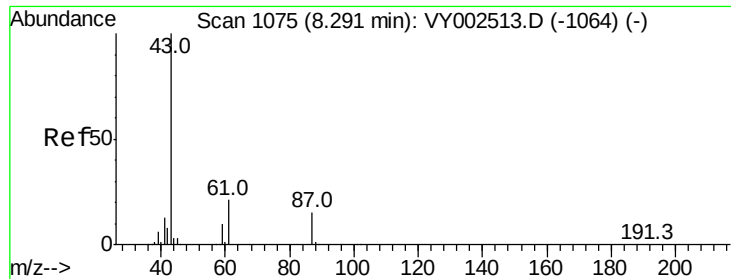
#41
Methacrylonitrile
Concen: 12.389 ug/l
RT: 7.55 min Scan# 953
Delta R.T. 0.20 min
Lab File: VY002624.D
Acq: 07 May 2020 12:30

Tgt Ion: 41 Resp: 13002
Ion Ratio Lower Upper
41 100
39 48.7 83.1 124.7#
67 7.7 0.0 0.0#
52 1.0 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





#43

Isopropyl Acetate

Concen: 4.985 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY002624.D

Acq: 07 May 2020 12:30

Instrument :

MSVOA_Y

ClientSampleId :

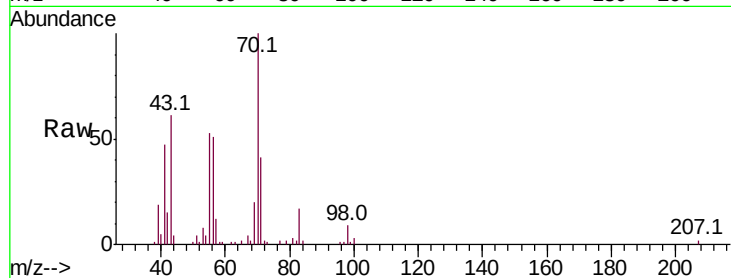
Tot Ion: 43 Resp: 18243

Ion Ratio Lower Upper

43 100

61 0.0 24.8 37.2#

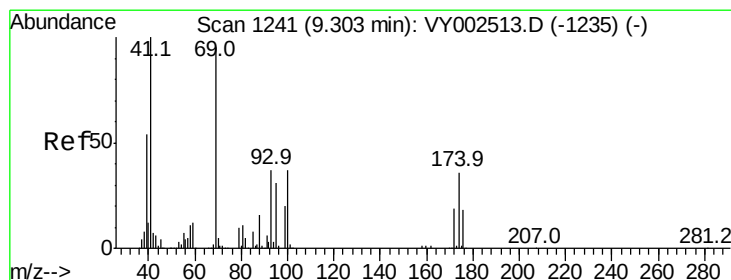
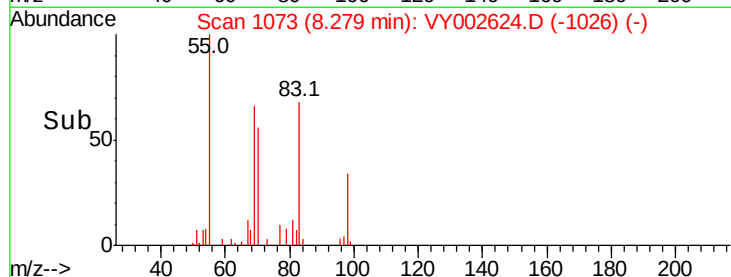
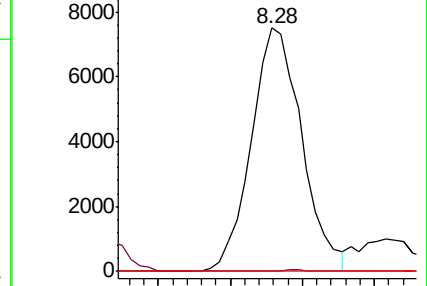
87 0.0 12.2 18.2#



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: 5.230 ug/l

RT: 9.38 min Scan# 1253

Delta R.T. 0.07 min

Lab File: VY002624.D

Acq: 07 May 2020 12:30

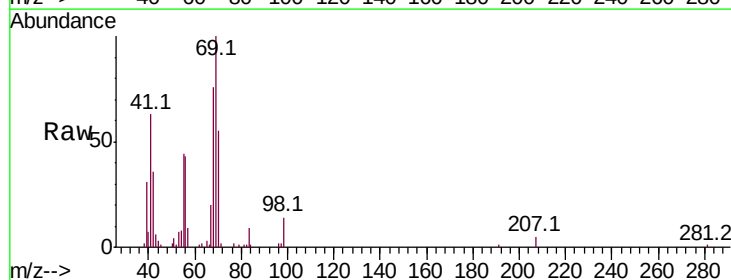
Tgt Ion: 41 Resp: 8661

Ion Ratio Lower Upper

41 100

69 149.1 76.2 114.4#

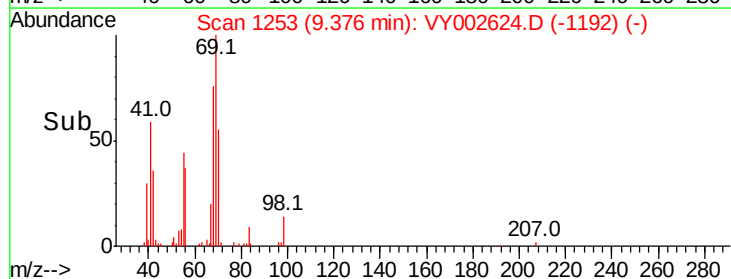
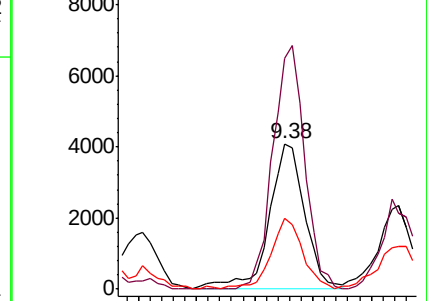
39 43.7 42.7 64.1

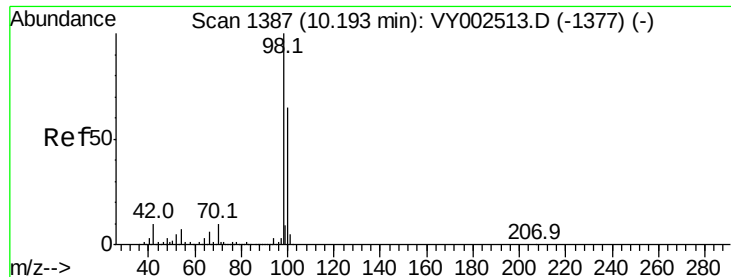


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

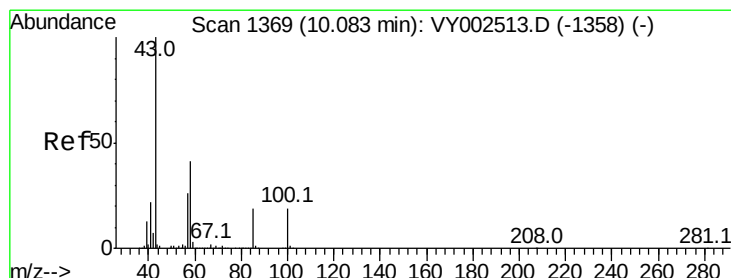
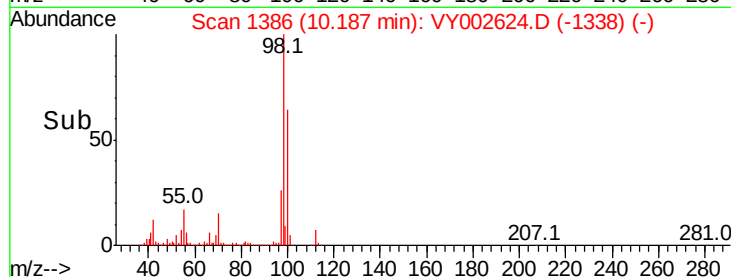
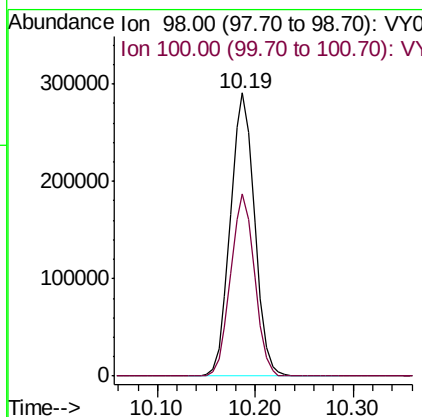
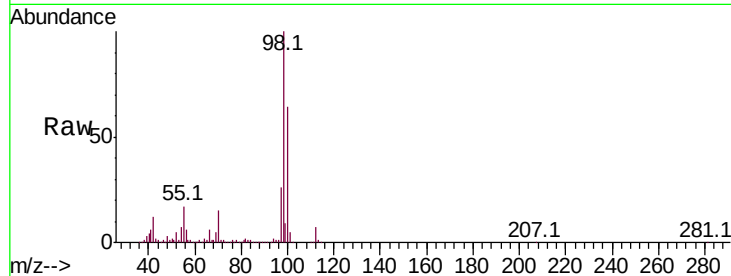




#50
Toluene-d8
Concen: 49.437 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY002624.D
Acq: 07 May 2020 12:30

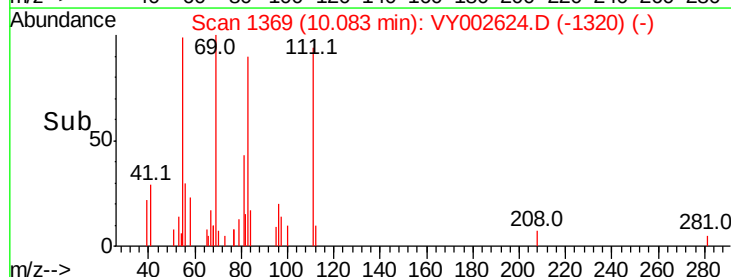
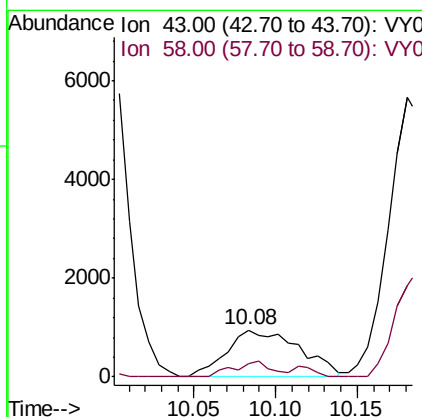
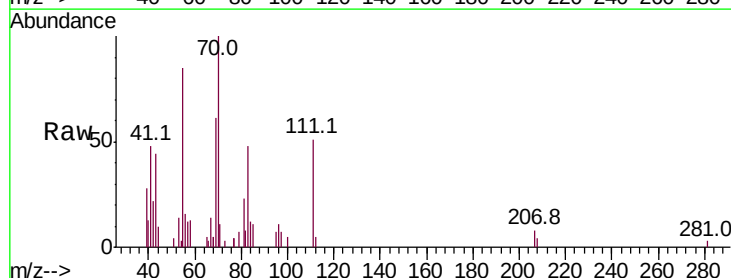
Instrument :
MSVOA_Y
ClientSampleId :

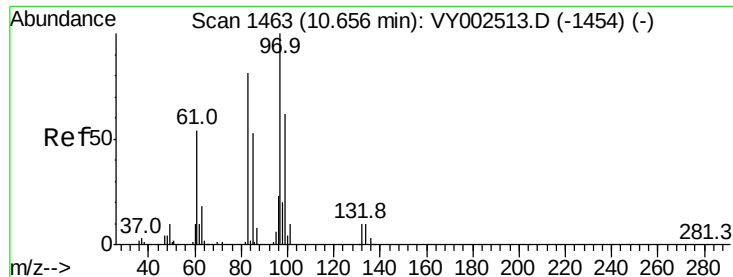
Tot Ion: 98 Resp: 500269
Ion Ratio Lower Upper
98 100
100 63.5 52.2 78.2



#51
4-Methyl-2-Pentanone
Concen: 1.553 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VY002624.D
Acq: 07 May 2020 12:30

Tgt Ion: 43 Resp: 2930
Ion Ratio Lower Upper
43 100
58 17.6 33.2 49.8#





#55

1,1,2-Trichloroethane

Concen: 45.109 ug/l

RT: 10.63 min Scan# 1458

Delta R.T. -0.03 min

Lab File: VY002624.D

Acq: 07 May 2020 12:30

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 97 Resp: 100210

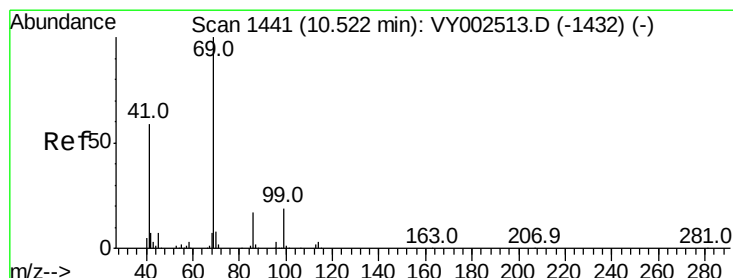
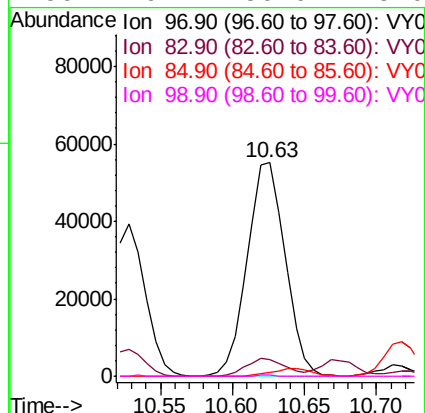
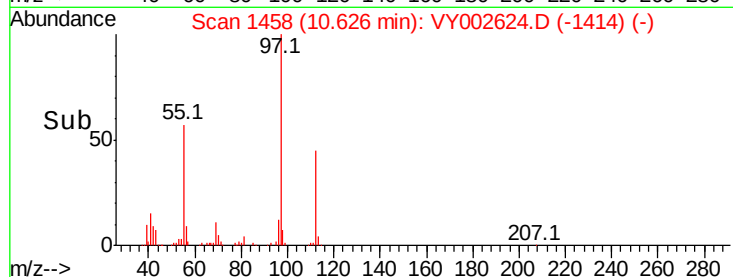
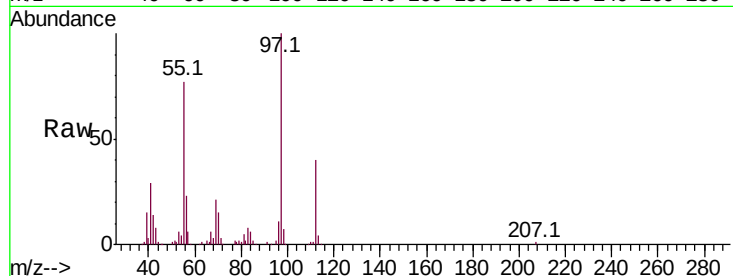
Ion Ratio Lower Upper

97 100

83 7.9 65.1 97.7#

85 1.6 42.7 64.1#

99 0.4 50.0 75.0#



#56

Ethyl methacrylate

Concen: 6.057 ug/l

RT: 10.53 min Scan# 1442

Delta R.T. 0.01 min

Lab File: VY002624.D

Acq: 07 May 2020 12:30

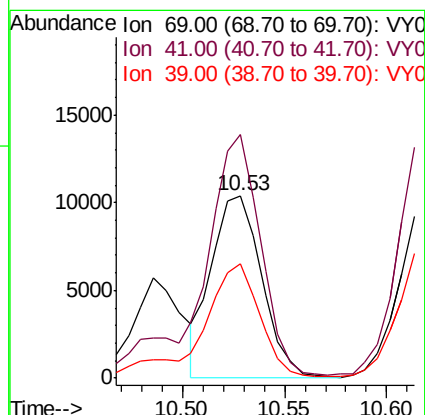
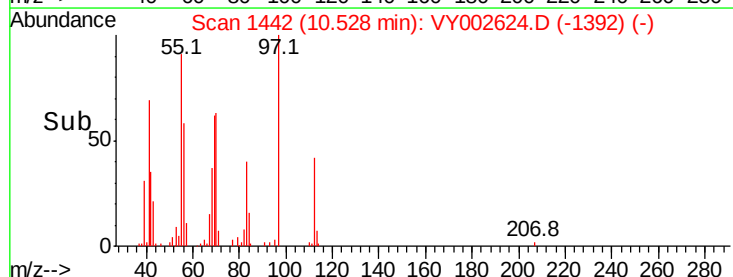
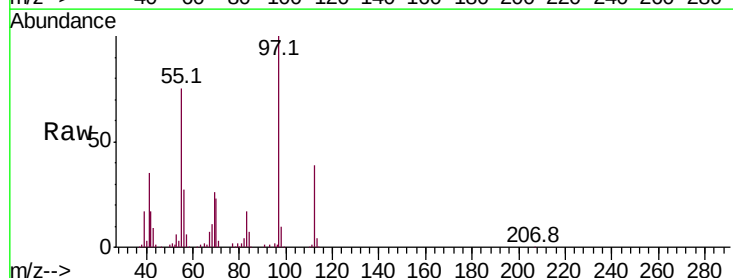
Tgt Ion: 69 Resp: 17900

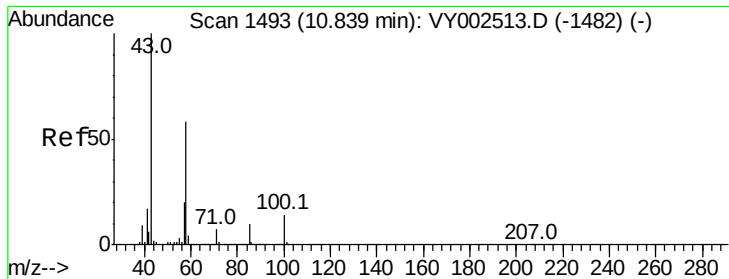
Ion Ratio Lower Upper

69 100

41 160.8 48.6 73.0#

39 69.7 25.0 37.4#





#59

2-Hexanone

Concen: 22.089 ug/l

RT: 10.81 min Scan# 1488

Delta R.T. -0.03 min

Lab File: VY002624.D

Acq: 07 May 2020 12:30

Instrument :

MSVOA_Y

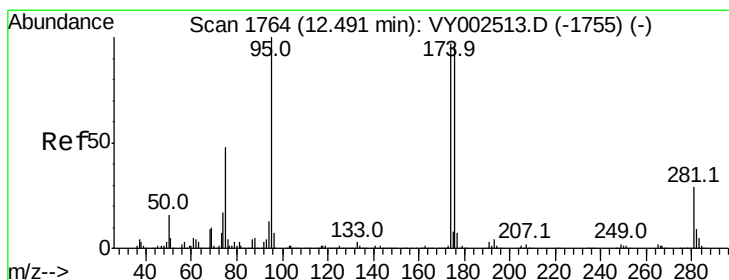
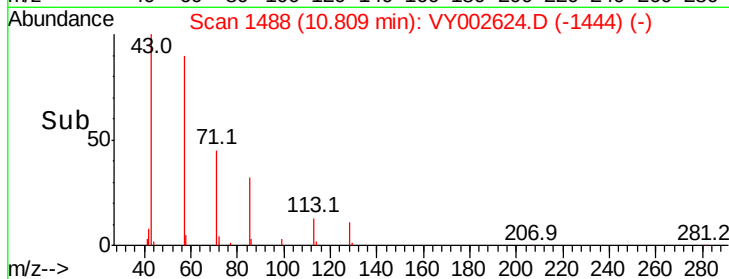
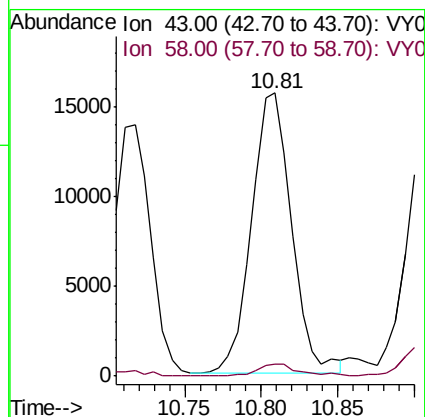
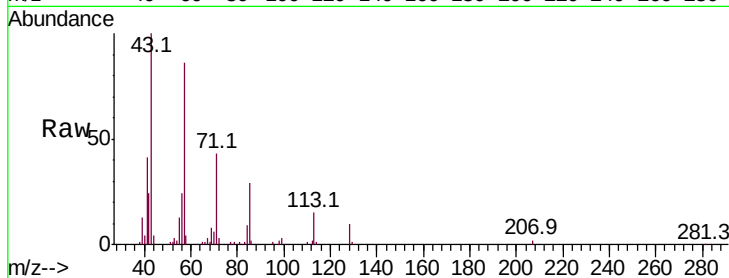
ClientSampleId :

Tot Ion: 43 Resp: 28675

Ion Ratio Lower Upper

43 100

58 4.5 29.1 87.3#



#62

4-Bromofluorobenzene

Concen: 34.486 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY002624.D

Acq: 07 May 2020 12:30

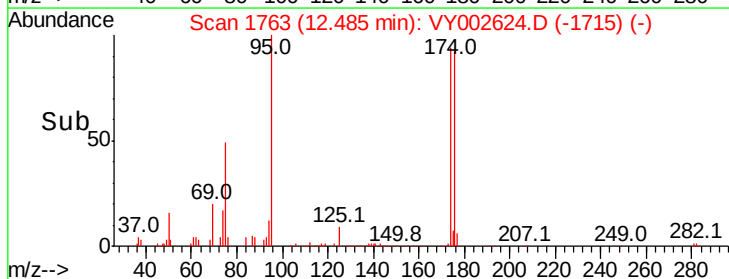
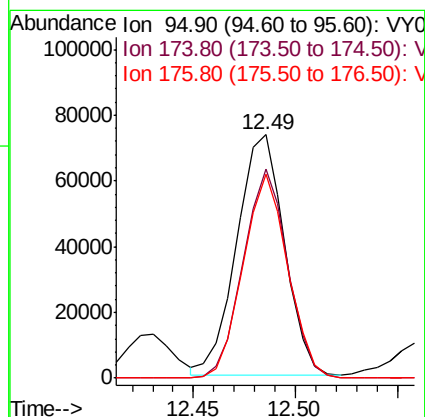
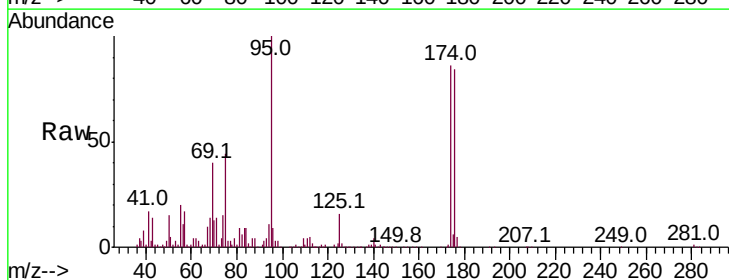
Tgt Ion: 95 Resp: 118415

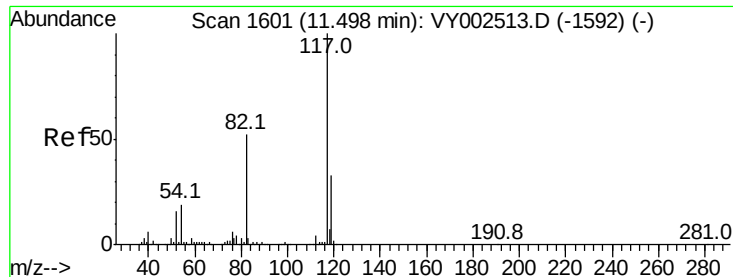
Ion Ratio Lower Upper

95 100

174 81.5 0.0 188.8

176 79.6 0.0 183.2

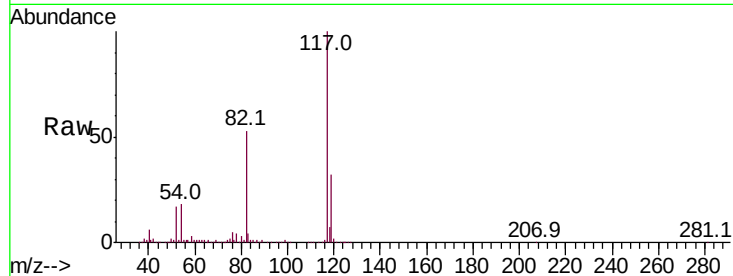




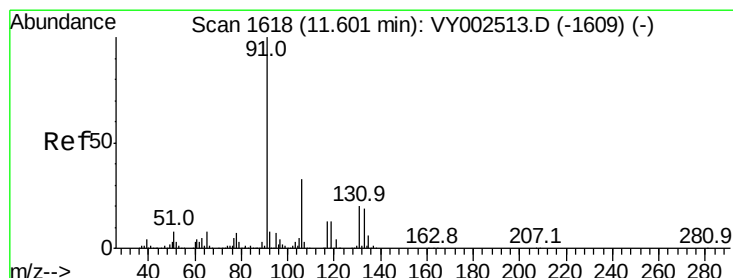
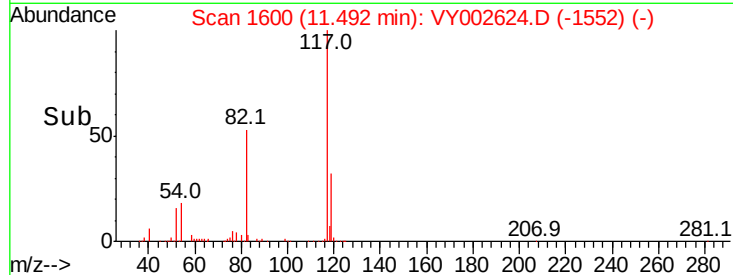
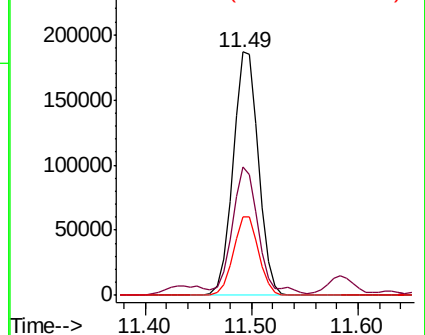
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002624.D
Acq: 07 May 2020 12:30

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 312120
Ion Ratio Lower Upper
117 100
82 49.2 41.3 61.9
119 32.2 26.0 39.0

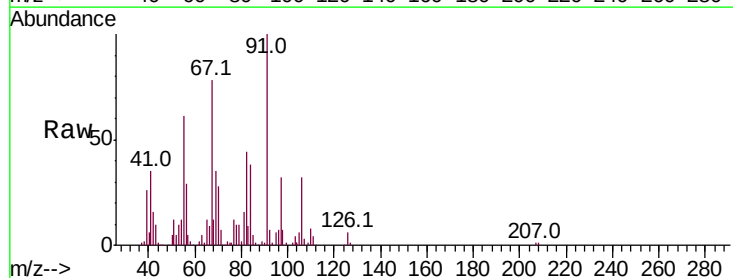


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

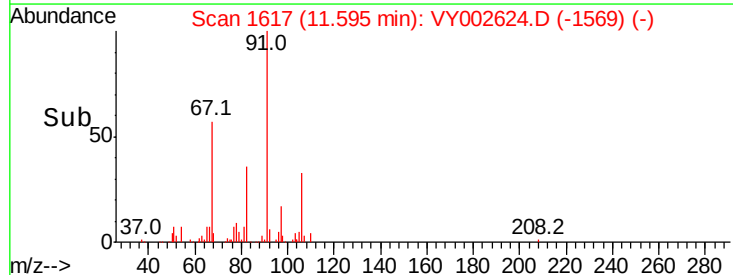
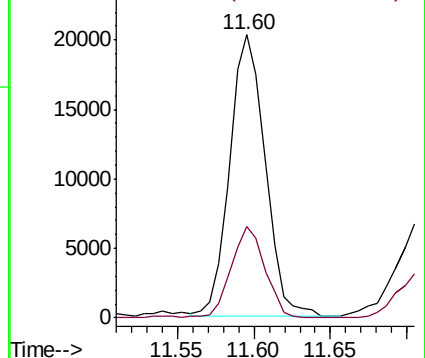


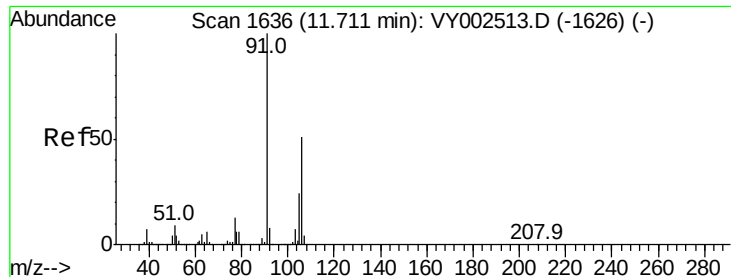
#67
Ethyl Benzene
Concen: 3.101 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002624.D
Acq: 07 May 2020 12:30

Tgt Ion: 91 Resp: 32319
Ion Ratio Lower Upper
91 100
106 32.5 26.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 1.427 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VY002624.D

Acq: 07 May 2020 12:30

Instrument :

MSVOA_Y

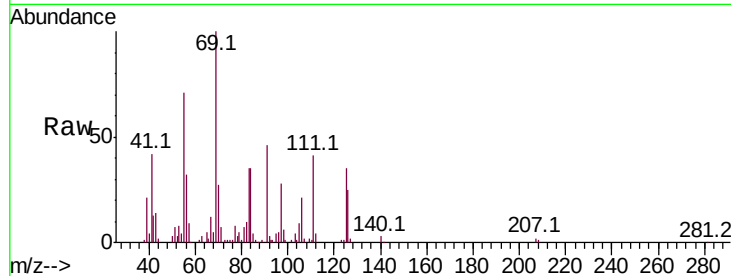
ClientSampleId :

Tot Ion:106 Resp: 5753

Ion Ratio Lower Upper

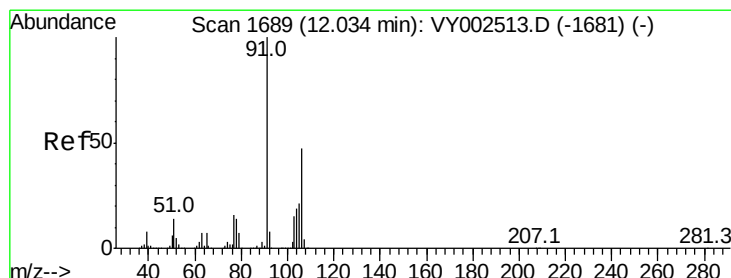
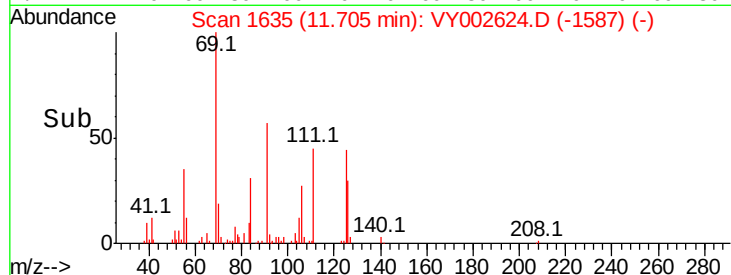
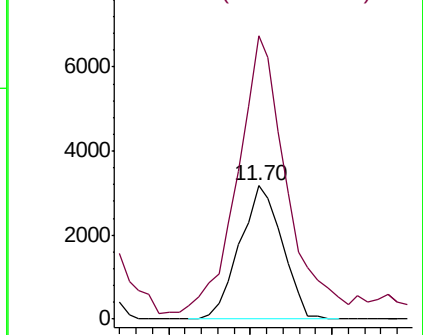
106 100

91 233.9 155.2 232.8#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0



#69

o-Xylene

Concen: 27.341 ug/l

RT: 12.03 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VY002624.D

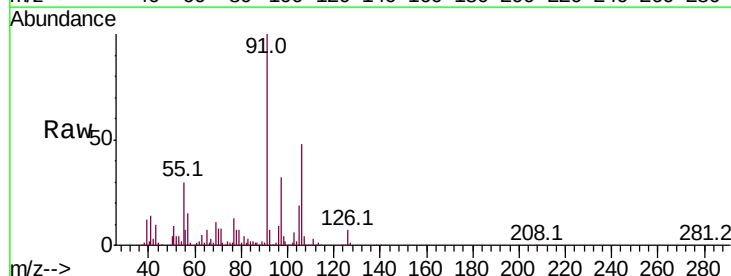
Acq: 07 May 2020 12:30

Tgt Ion:106 Resp: 103236

Ion Ratio Lower Upper

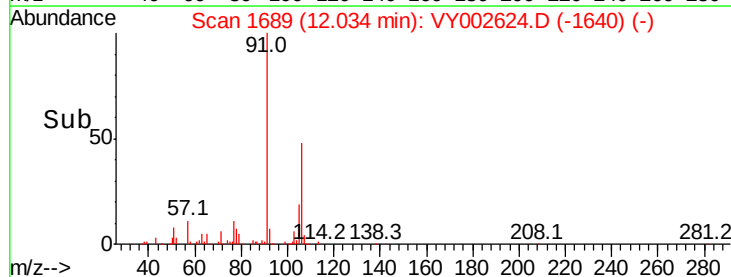
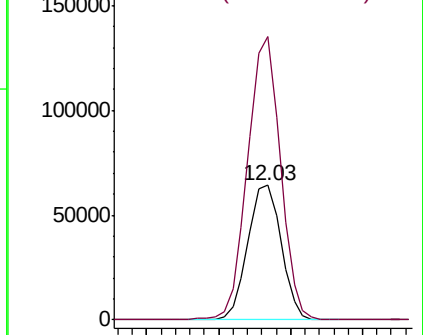
106 100

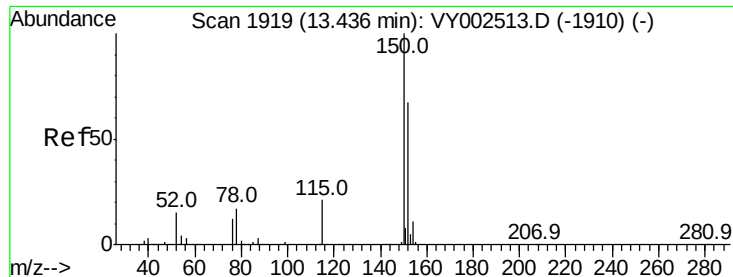
91 206.3 103.8 311.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY002624.D

Acq: 07 May 2020 12:30

Instrument :

MSVOA_Y

ClientSampleId :

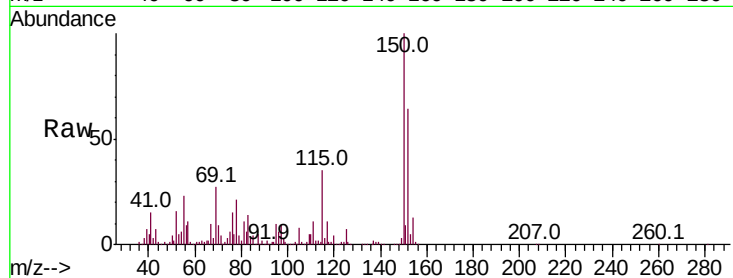
Tot Ion:152 Resp: 91348

Ion Ratio Lower Upper

152 100

115 52.2 27.5 82.4

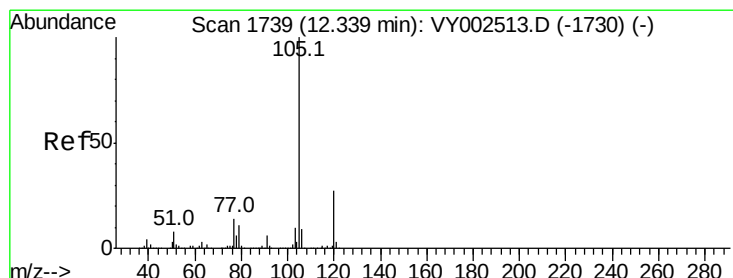
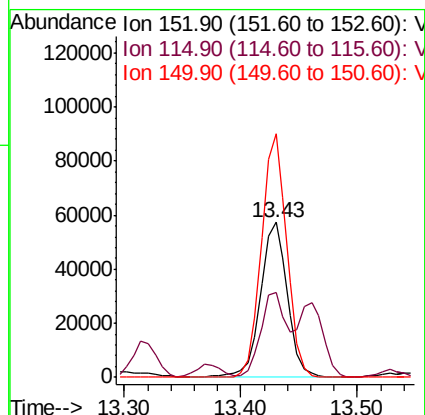
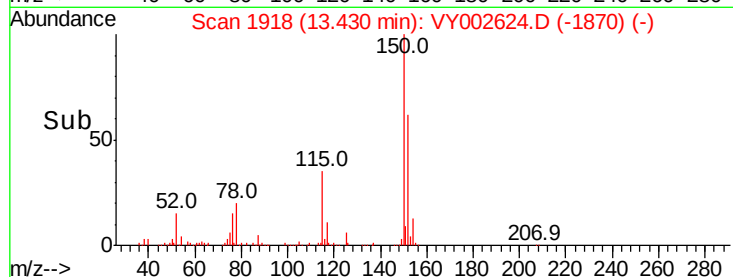
150 148.7 0.0 346.4



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: 1.050 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY002624.D

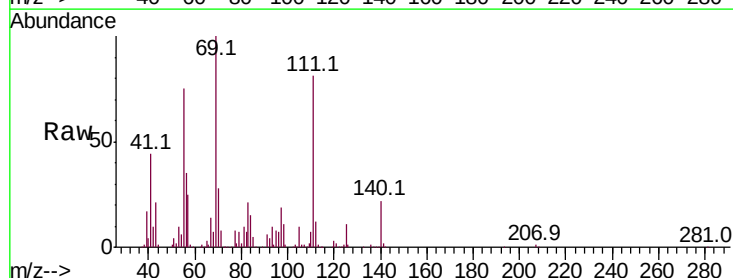
Acq: 07 May 2020 12:30

Tgt Ion:105 Resp: 6217

Ion Ratio Lower Upper

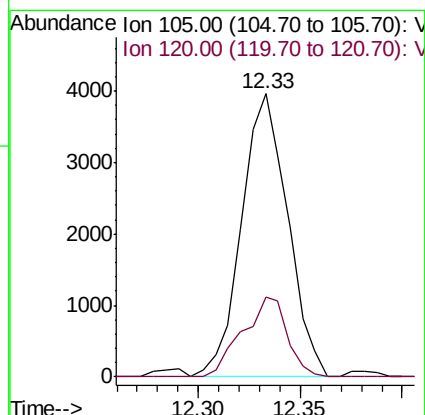
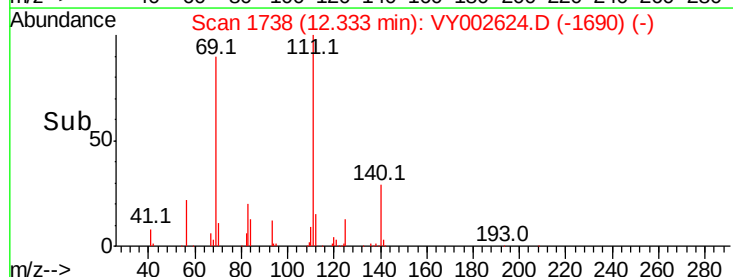
105 100

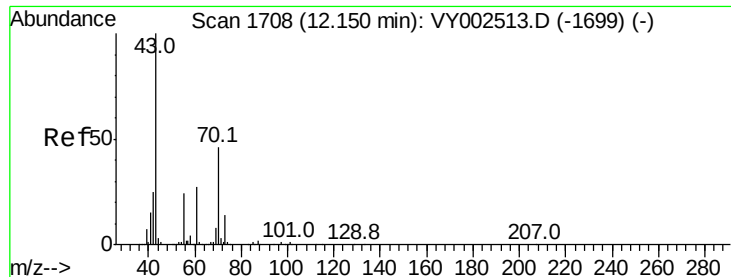
120 27.4 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 45.329 ug/l

RT: 12.13 min Scan# 1704

Delta R.T. -0.02 min

Lab File: VY002624.D

Acq: 07 May 2020 12:30

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 43 Resp: 64555

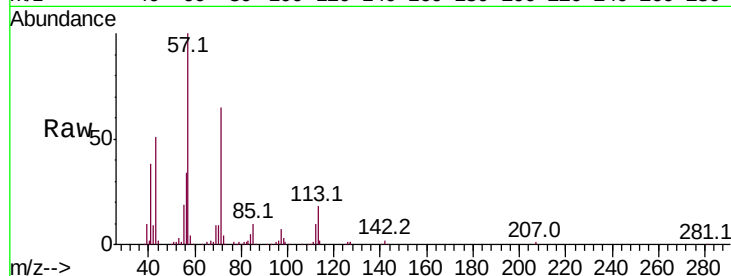
Ion Ratio Lower Upper

43 100

70 0.0 36.7 55.1#

55 0.0 19.2 28.8#

61 0.0 21.1 31.7#

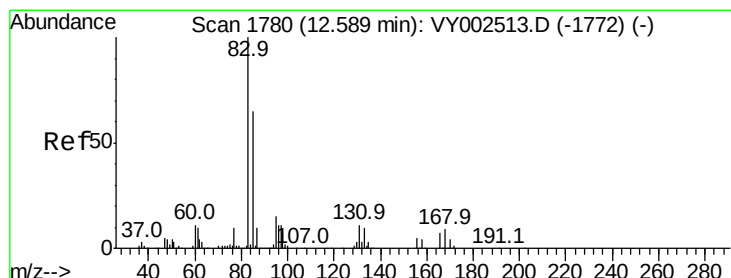
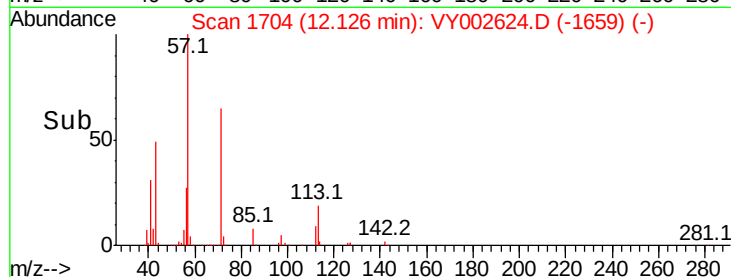
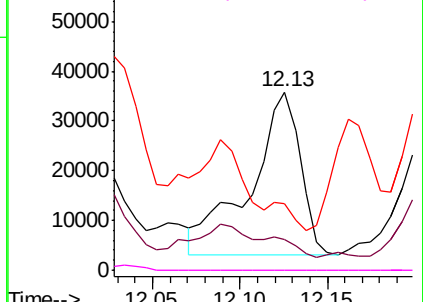


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0



#75

1,1,2,2-Tetrachloroethane

Concen: 18.971 ug/l

RT: 12.55 min Scan# 1773

Delta R.T. -0.04 min

Lab File: VY002624.D

Acq: 07 May 2020 12:30

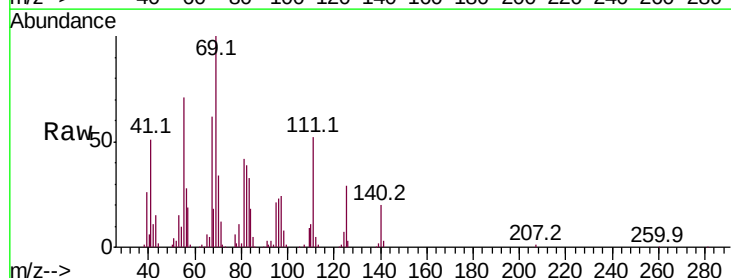
Tgt Ion: 83 Resp: 17862

Ion Ratio Lower Upper

83 100

131 0.0 5.9 17.8#

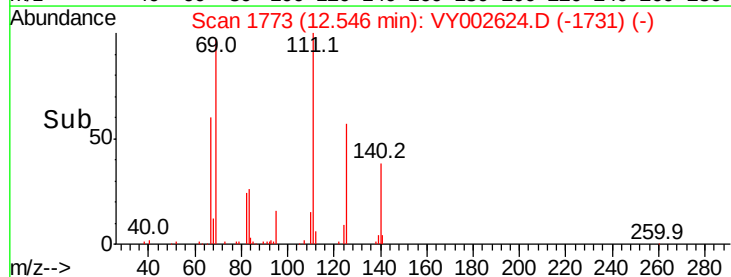
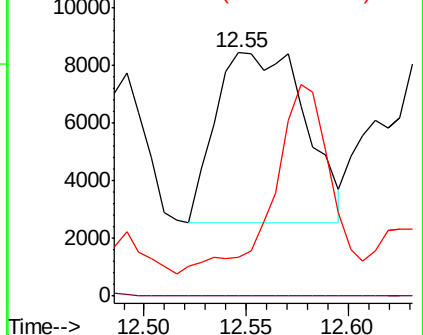
85 0.0 31.9 95.9#

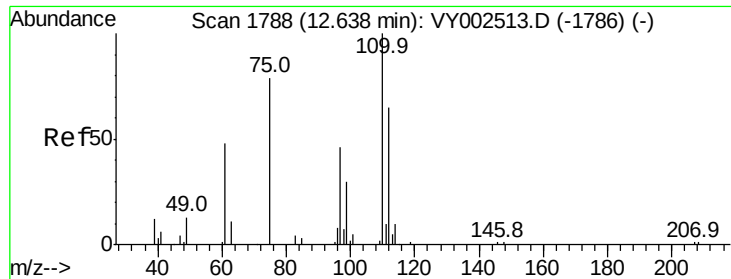


Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VY0





#76

1,2,3-Trichloropropane

Concen: 4.810 ug/l

RT: 12.77 min Scan# 1810

Delta R.T. 0.13 min

Lab File: VY002624.D

Acq: 07 May 2020 12:30

Instrument :

MSVOA_Y

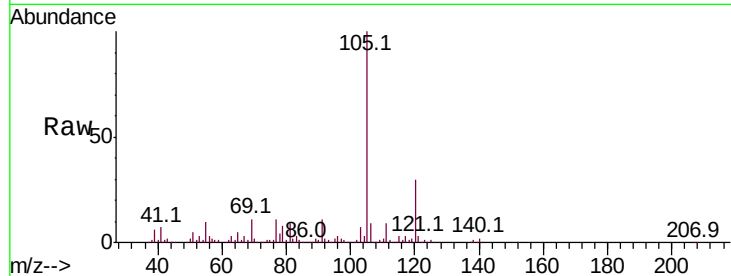
ClientSampleId :

Tot Ion: 75 Resp: 3905

Ion Ratio Lower Upper

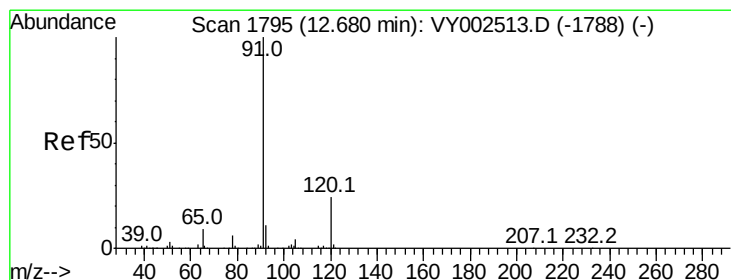
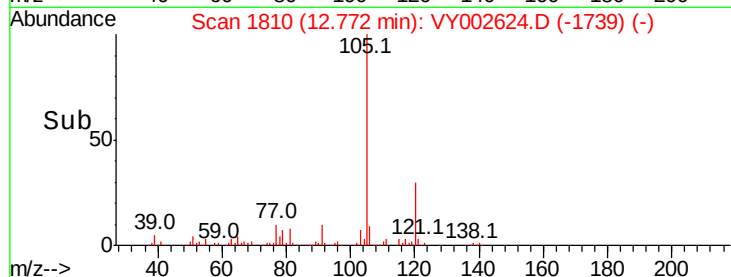
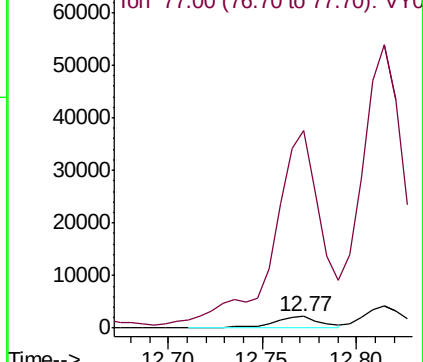
75 100

77 1630.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0



#78

n-propylbenzene

Concen: 1.969 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY002624.D

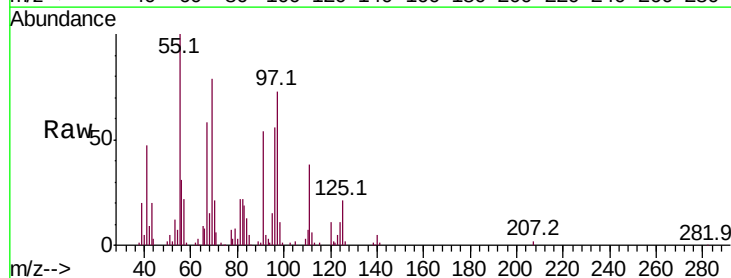
Acq: 07 May 2020 12:30

Tgt Ion: 91 Resp: 13525

Ion Ratio Lower Upper

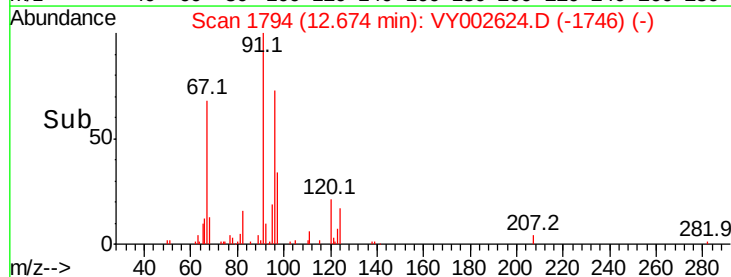
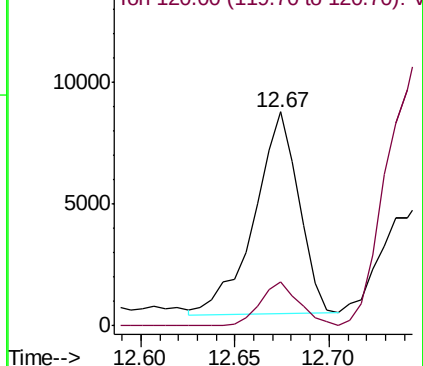
91 100

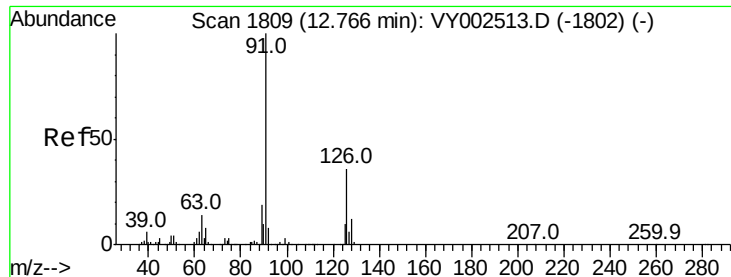
120 0.0 12.2 36.4#



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 15.713 ug/l

RT: 12.77 min Scan# 1810

Delta R.T. 0.01 min

Lab File: VY002624.D

Acq: 07 May 2020 12:30

Instrument :

MSVOA_Y

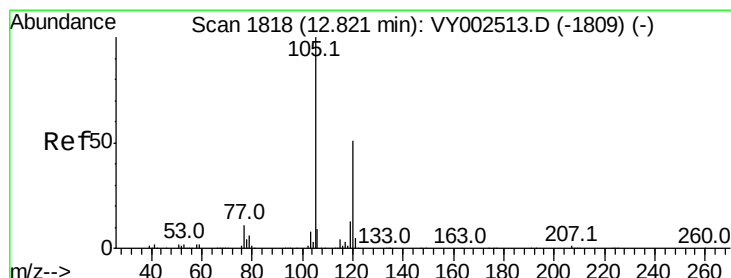
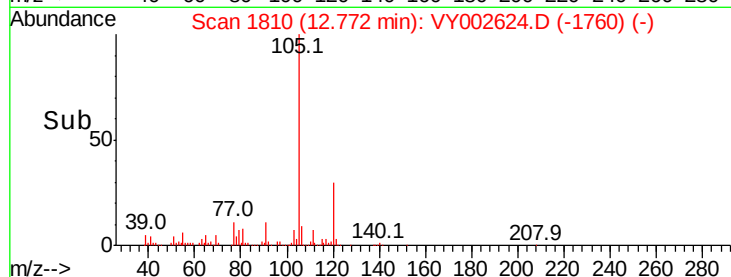
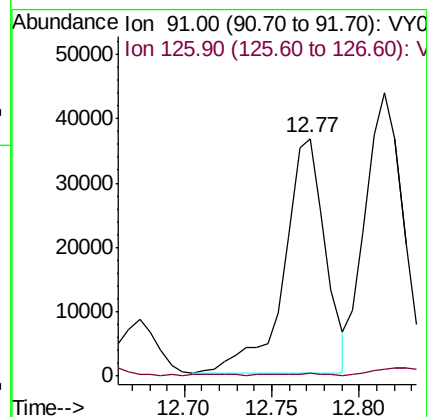
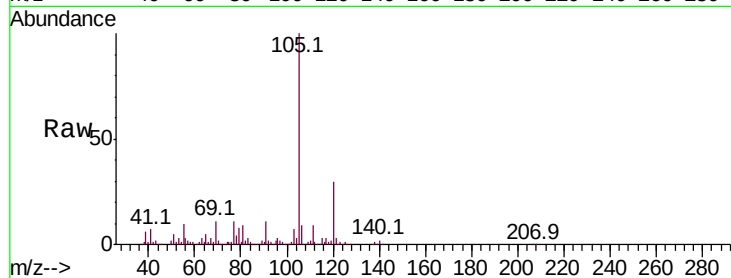
ClientSampleId :

Tot Ion: 91 Resp: 59799

Ion Ratio Lower Upper

91 100

126 0.6 18.4 55.2#



#80

1,3,5-Trimethylbenzene

Concen: 124.261 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY002624.D

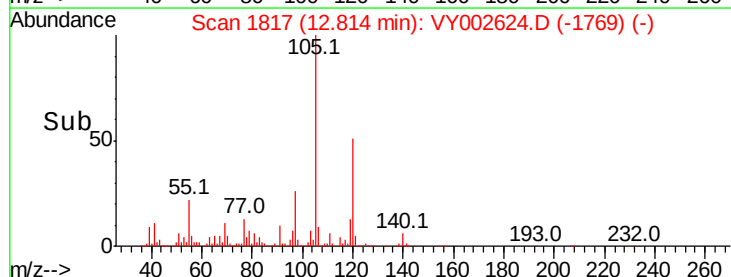
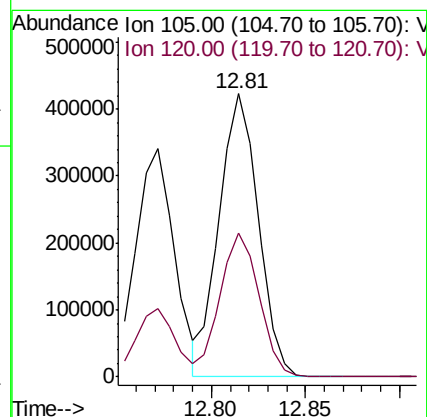
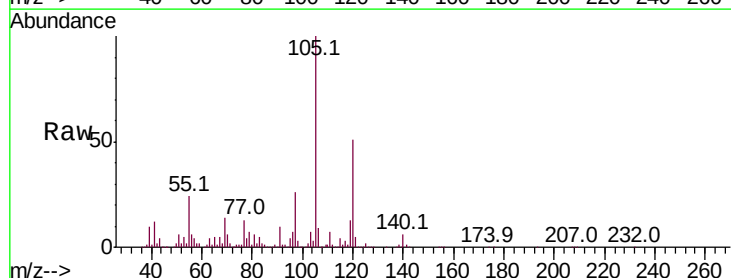
Acq: 07 May 2020 12:30

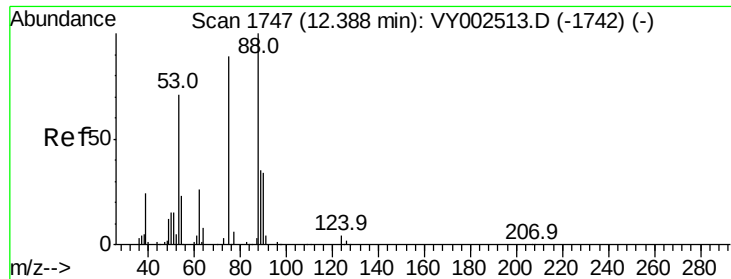
Tgt Ion: 105 Resp: 609800

Ion Ratio Lower Upper

105 100

120 50.7 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 126.675 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002624.D

Acq: 07 May 2020 12:30

Instrument :

MSVOA_Y

ClientSampleId :

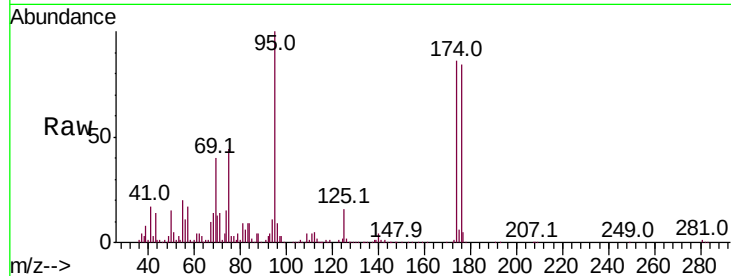
Tot Ion: 75 Resp: 51283

Ion Ratio Lower Upper

75 100

53 7.6 67.4 101.0#

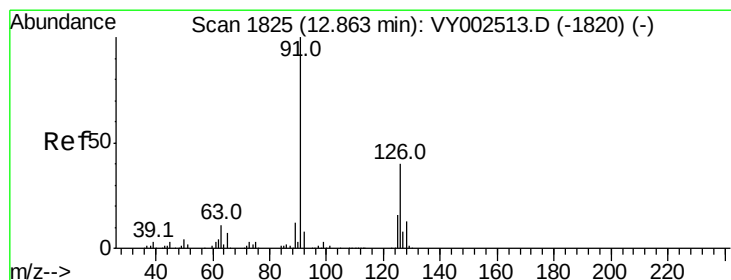
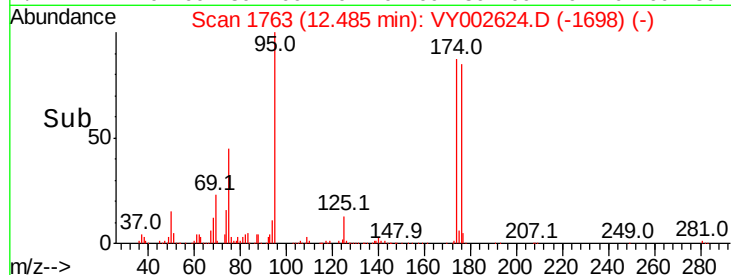
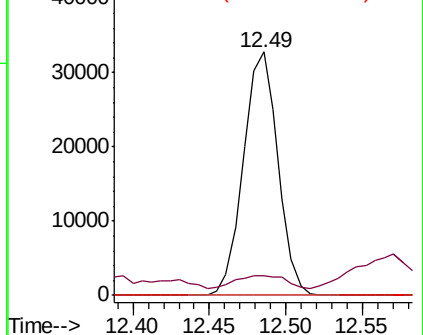
89 0.0 37.4 56.0#



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: 16.024 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.05 min

Lab File: VY002624.D

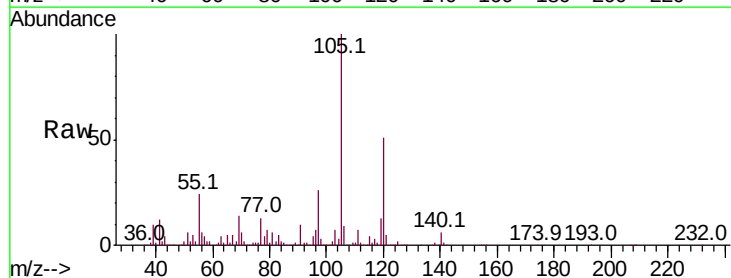
Acq: 07 May 2020 12:30

Tgt Ion: 91 Resp: 64057

Ion Ratio Lower Upper

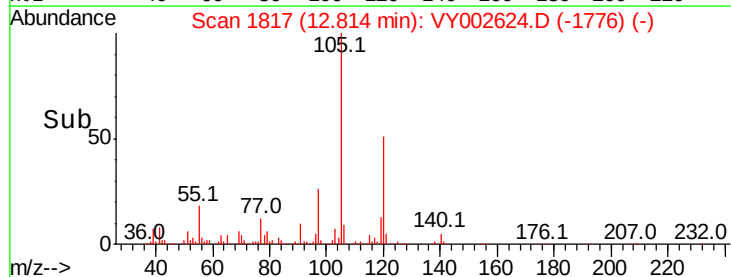
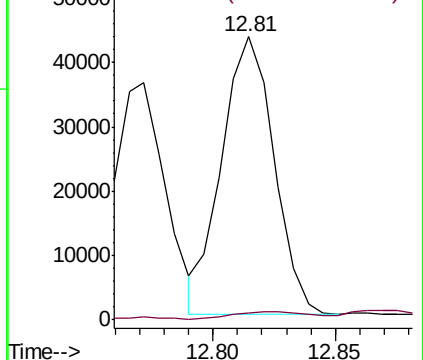
91 100

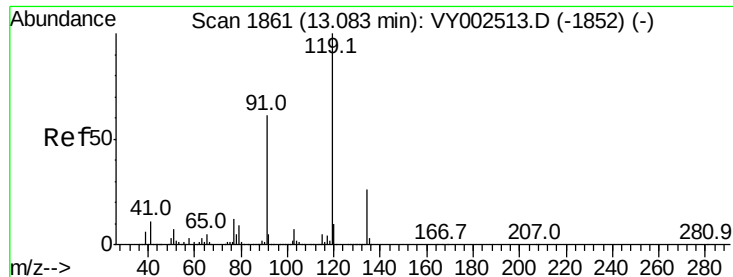
126 3.8 18.5 55.5#



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 2.931 ug/l

RT: 12.97 min Scan# 1843

Delta R.T. -0.11 min

Lab File: VY002624.D

Acq: 07 May 2020 12:30

Instrument :

MSVOA_Y

ClientSampleId :

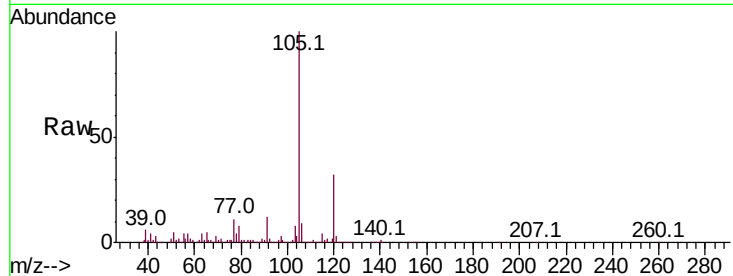
Tot Ion:119 Resp: 12614

Ion Ratio Lower Upper

119 100

91 696.3 30.6 91.6#

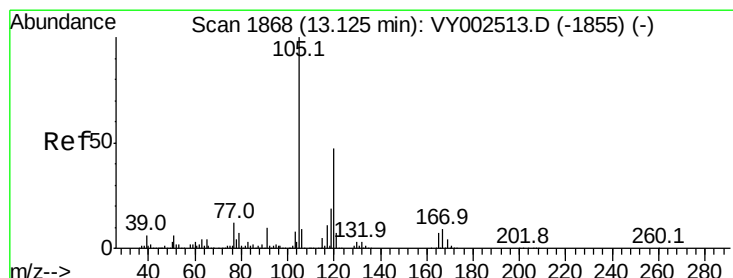
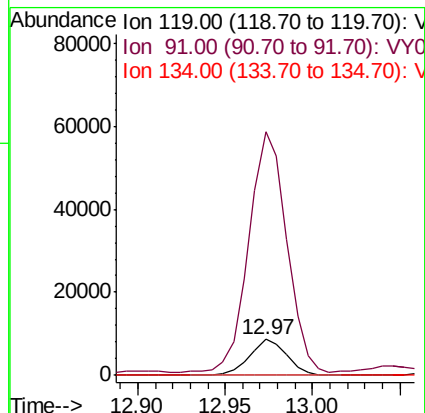
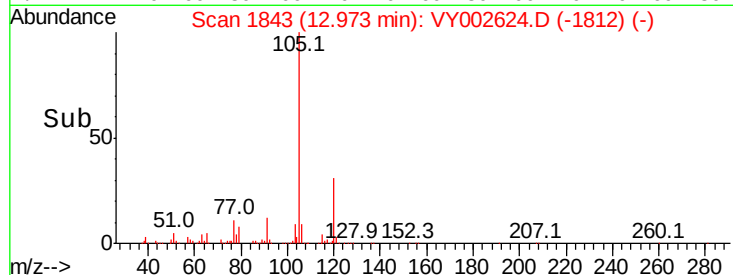
134 0.0 13.5 40.4#



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: 4.893 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.01 min

Lab File: VY002624.D

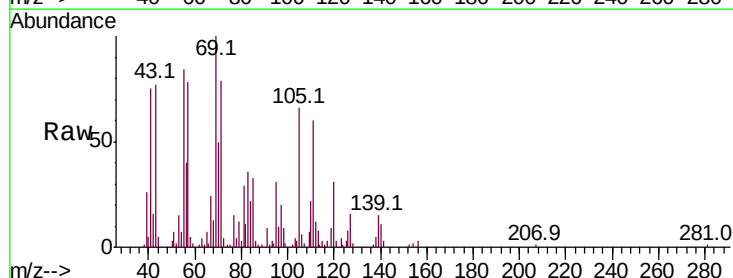
Acq: 07 May 2020 12:30

Tgt Ion:105 Resp: 23931

Ion Ratio Lower Upper

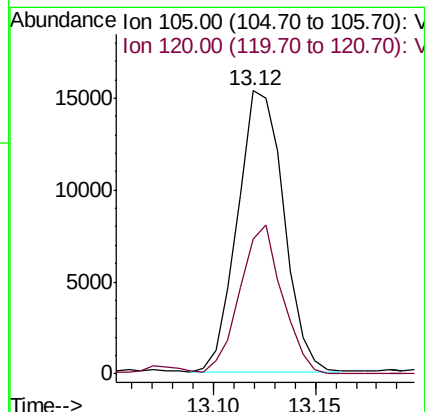
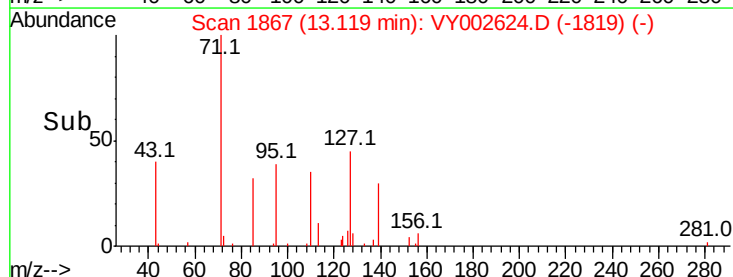
105 100

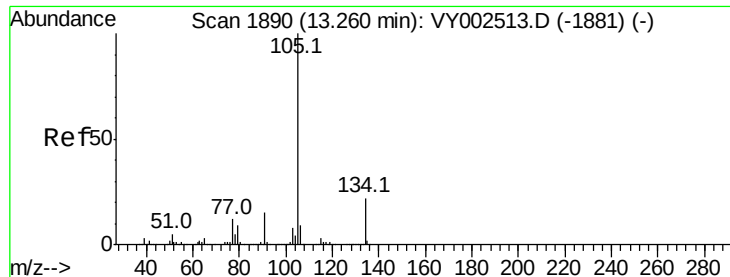
120 48.9 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

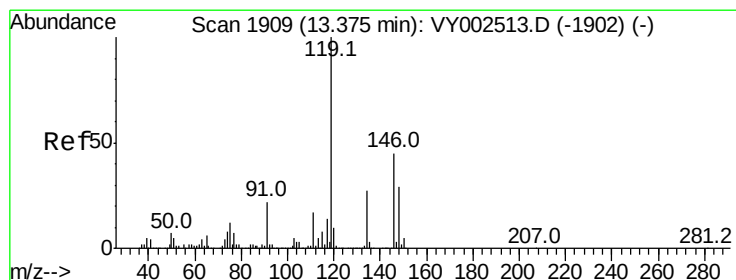
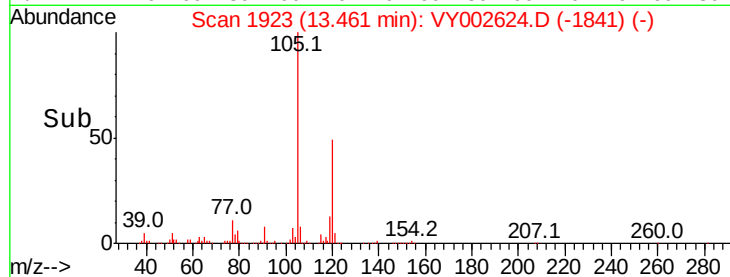
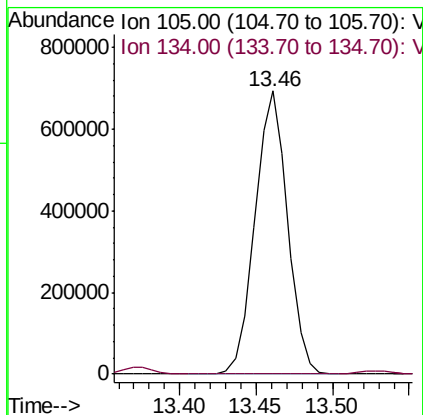
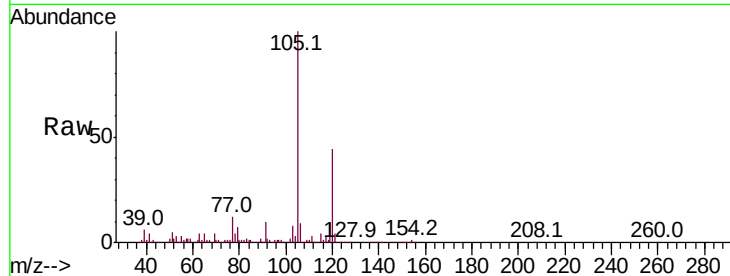




#85
 sec-Butylbenzene
 Concen: 171.287 ug/l
 RT: 13.46 min Scan# 1923
 Delta R.T. 0.20 min
 Lab File: VY002624.D
 Acq: 07 May 2020 12:30

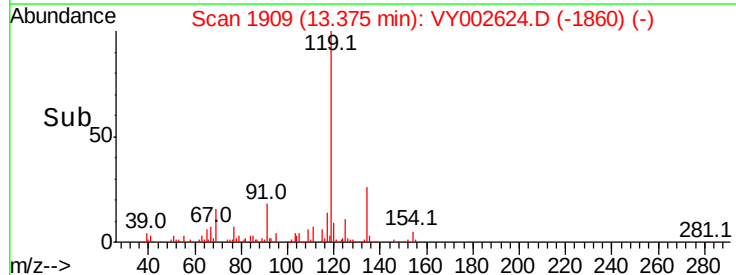
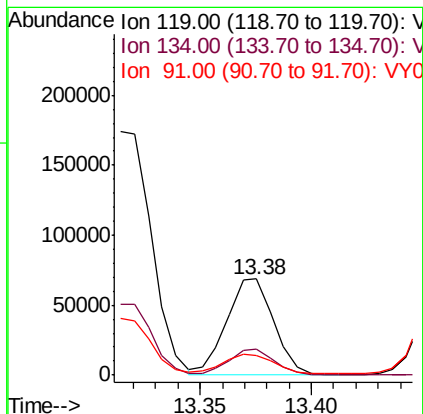
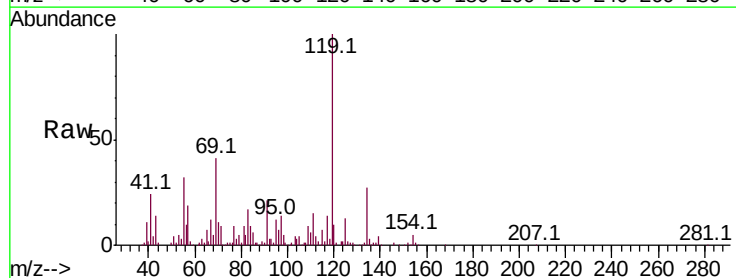
Instrument :
 MSVOA_Y
 ClientSampleId :

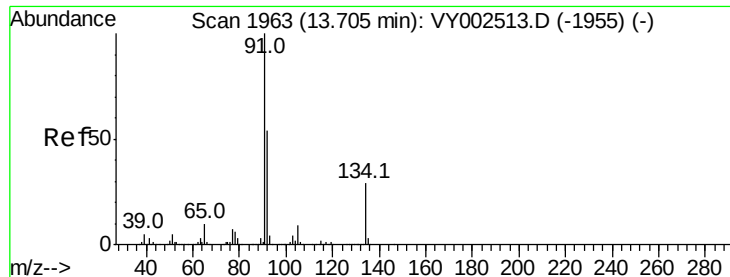
Tot Ion:105 Resp: 1022730
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.8 32.3#



#86
 p-Isopropyltoluene
 Concen: 18.142 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY002624.D
 Acq: 07 May 2020 12:30

Tgt Ion:119 Resp: 101499
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.5 40.5
 91 20.8 10.9 32.9





#89

n-Butylbenzene

Concen: 34.399 ug/l

RT: 13.67 min Scan# 1957

Delta R.T. -0.04 min

Lab File: VY002624.D

Acq: 07 May 2020 12:30

Instrument :

MSVOA_Y

ClientSampled :

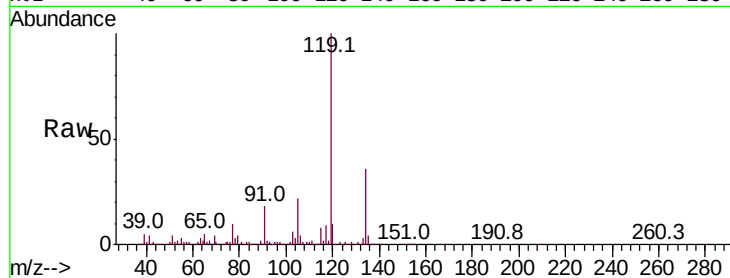
Tot Ion: 91 Resp: 175195

Ion Ratio Lower Upper

91 100

92 11.3 27.1 81.3#

134 207.8 14.4 43.0#

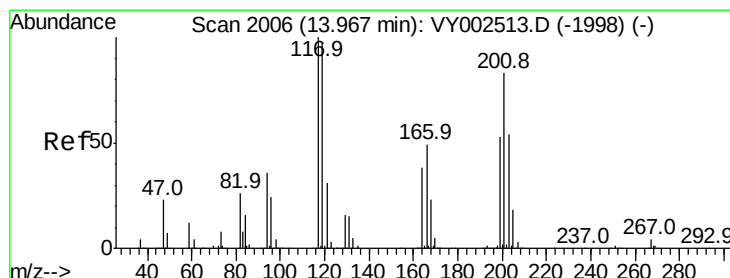
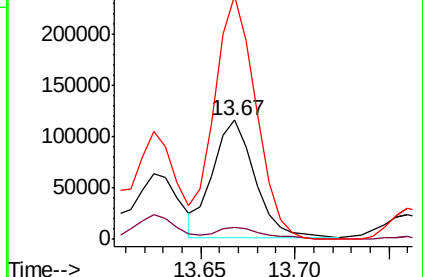
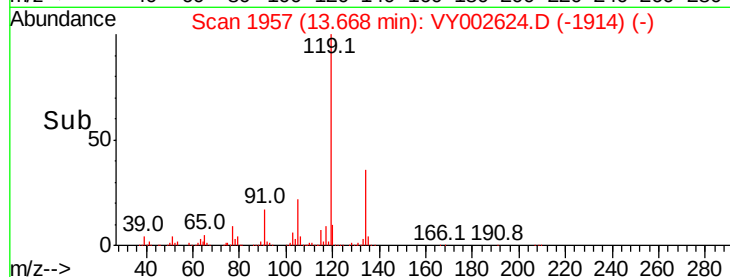


Abundance Ion 91.00 (90.70 to 91.70): VY002624.D (-1957) (-)

Ion 92.00 (91.70 to 92.70): VY002624.D (-1957) (-)

Ion 134.00 (133.70 to 134.70): VY002624.D (-1957) (-)

Time-->



#90

Hexachloroethane

Concen: 70.570 ug/l

RT: 13.97 min Scan# 2007

Delta R.T. 0.01 min

Lab File: VY002624.D

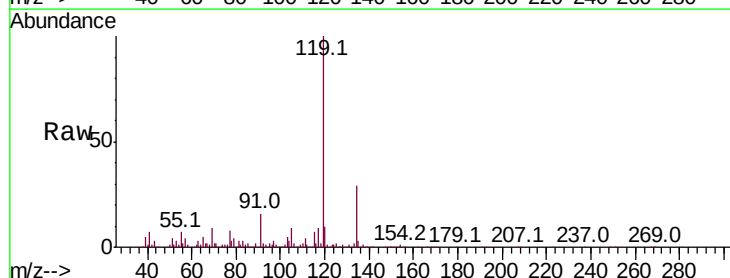
Acq: 07 May 2020 12:30

Tgt Ion: 117 Resp: 71900

Ion Ratio Lower Upper

117 100

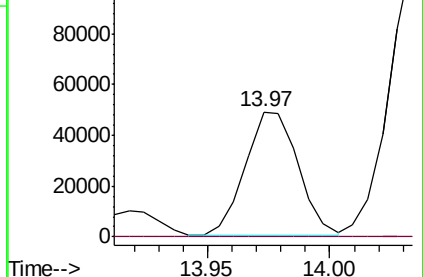
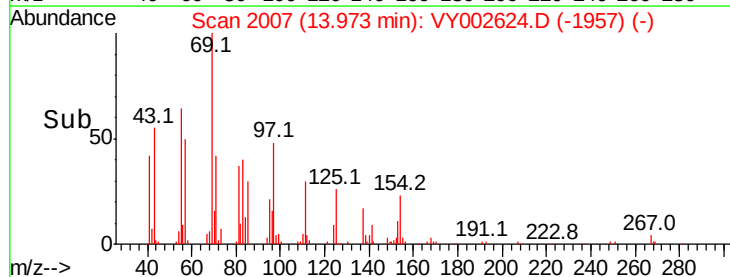
201 0.0 44.4 133.2#

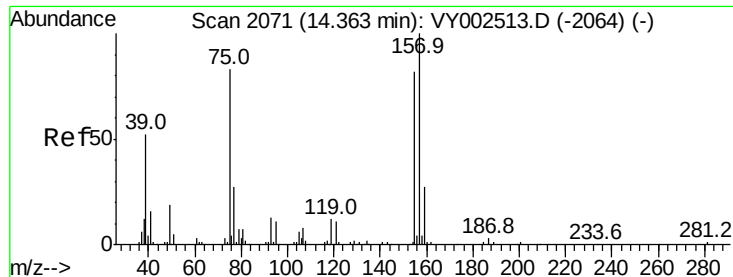


Abundance Ion 116.80 (116.50 to 117.50): VY002624.D (-1998) (-)

Ion 200.70 (200.40 to 201.40): VY002624.D (-1998) (-)

Time-->





#92

1,2-Dibromo-3-Chloropropane

Concen: 11.042 ug/l

RT: 14.38 min Scan# 2074

Delta R.T. 0.02 min

Lab File: VY002624.D

Acq: 07 May 2020 12:30

Instrument :

MSVOA_Y

ClientSampleId :

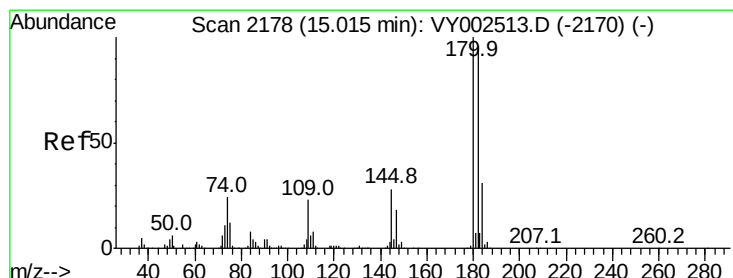
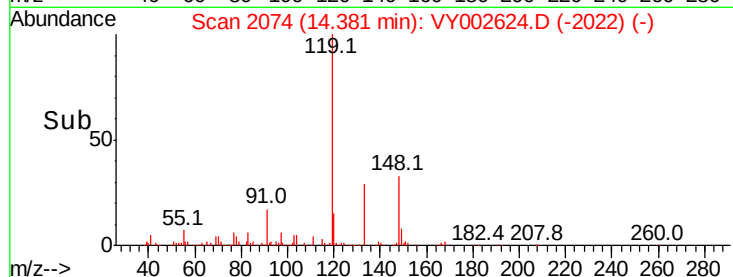
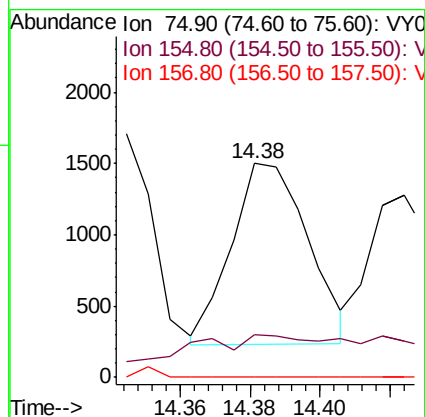
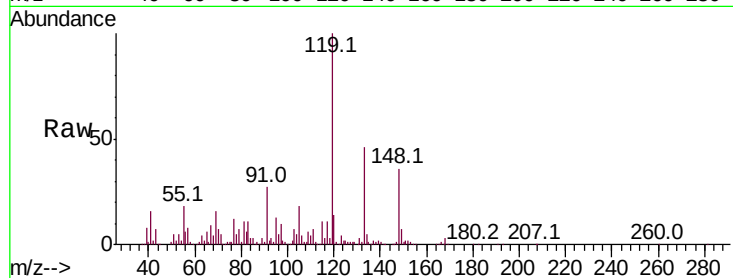
Tot Ion: 75 Resp: 1938

Ion Ratio Lower Upper

75 100

155 6.6 51.3 153.9#

157 0.0 65.0 195.0#



#93

1,2,4-Trichlorobenzene

Concen: 1.557 ug/l

RT: 15.02 min Scan# 2179

Delta R.T. 0.01 min

Lab File: VY002624.D

Acq: 07 May 2020 12:30

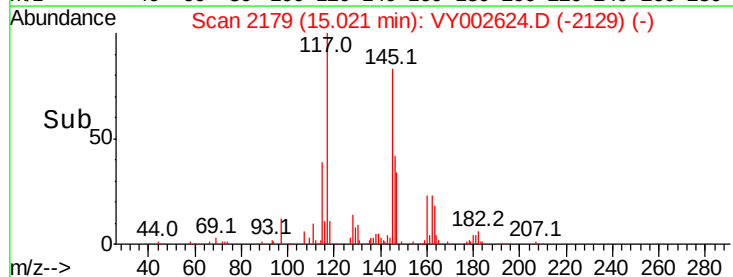
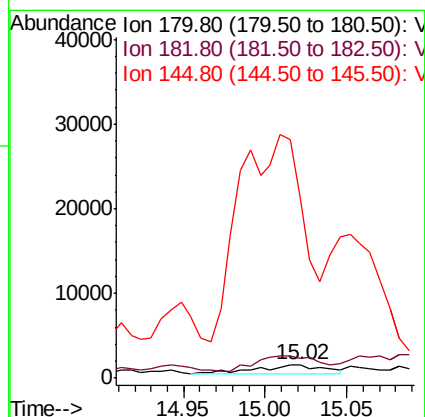
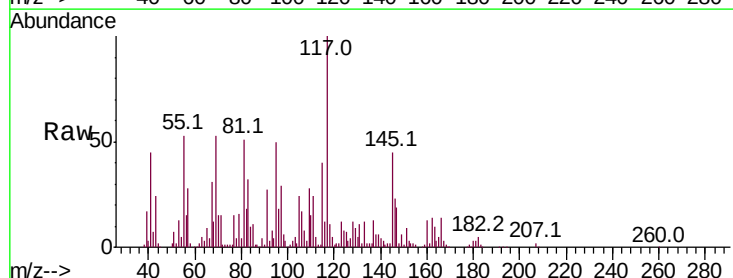
Tgt Ion: 180 Resp: 2824

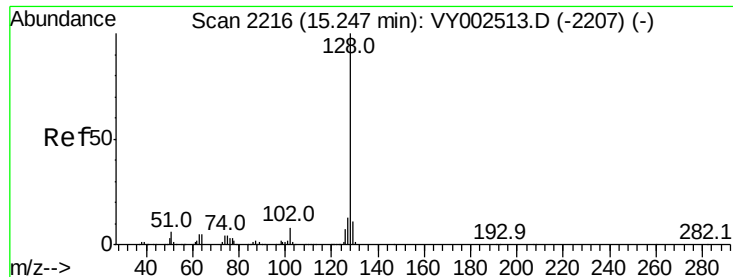
Ion Ratio Lower Upper

180 100

182 165.2 47.9 143.6#

145 0.0 14.4 43.0#

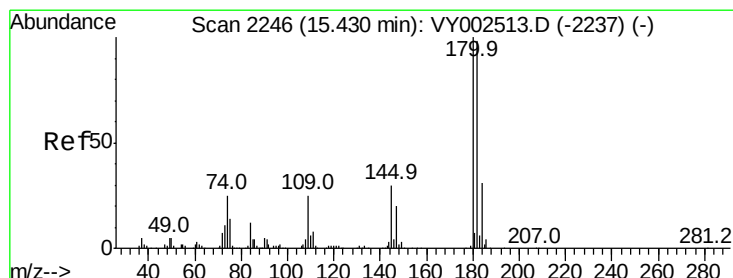
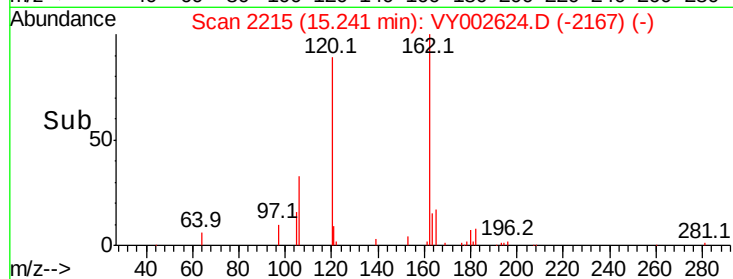
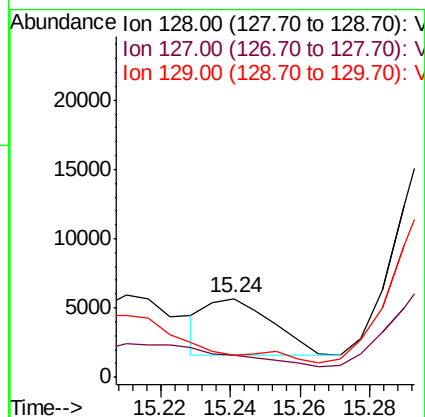
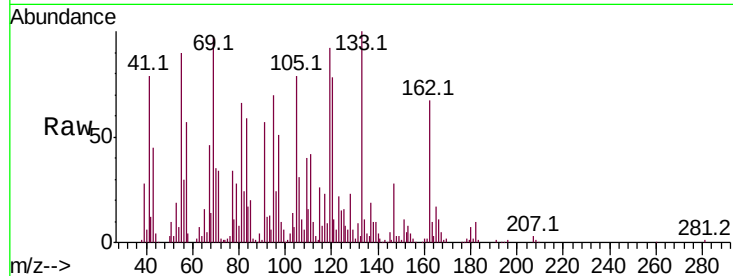




#95
Naphthalene
Concen: 1.601 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY002624.D
Acq: 07 May 2020 12:30

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 5296
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 6.159 ug/l
RT: 15.45 min Scan# 2250
Delta R.T. 0.02 min
Lab File: VY002624.D
Acq: 07 May 2020 12:30

Tgt Ion:180 Resp: 9483
Ion Ratio Lower Upper
180 100
182 0.0 47.9 143.8#
145 0.0 15.0 45.1#

