

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050319\
 Data File : VN055387.D
 Acq On : 3 May 2019 14:07
 Operator : JC/SP
 Sample : K2668-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

Quant Time: May 03 23:21:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	455996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	760833	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	705967	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	231609	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	304026	50.96	ug/l	0.00
Spiked Amount			Recovery	=	101.92%	
35) Dibromofluoromethane	7.59	113	243834	48.83	ug/l	0.00
Spiked Amount			Recovery	=	97.66%	
50) Toluene-d8	10.09	98	956991	53.07	ug/l	0.00
Spiked Amount			Recovery	=	106.14%	
62) 4-Bromofluorobenzene	12.40	95	314554	55.81	ug/l	0.00
Spiked Amount			Recovery	=	111.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.62	56	101	0.379	ug/l #	14
14) Allyl chloride	4.55	41	18491	1.982	ug/l #	26
16) Acetone	3.82	43	13392	7.205	ug/l	92
18) Methyl Acetate	4.34	43	1986	Below Cal	#	77
20) Methylene Chloride	4.56	84	380743	67.109	ug/l	98
25) 2-Butanone	6.85	43	1610	0.677	ug/l #	53
29) Tetrahydrofuran	7.23	42	1686	1.108	ug/l #	75
30) Chloroform	7.37	83	3816	0.408	ug/l #	76
31) Cyclohexane	7.66	56	9762	1.040	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	33868	4.647	ug/l #	51
38) Carbon Tetrachloride	7.67	117	41872	5.956	ug/l #	16
41) Methacrylonitrile	7.22	41	490	0.900	ug/l #	34
43) Isopropyl Acetate	8.17	43	13182	1.469	ug/l #	87
45) 1,2-Dichloropropane	9.26	63	1377	0.222	ug/l #	45
48) Methyl methacrylate	9.18	41	6932	1.571	ug/l #	18
51) 4-Methyl-2-Pentanone	9.98	43	4288	0.849	ug/l	99
54) cis-1,3-Dichloropropene	9.90	75	44999	5.722	ug/l #	67
57) 1,3-Dichloropropane	10.76	76	8994	1.120	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.91	63	122	12.471	ug/l #	52
59) 2-Hexanone	10.76	43	149045	47.137	ug/l #	52
68) m/p-Xylenes	11.62	106	3821	0.429	ug/l	84
71) Bromoform	12.40	173	3039	1.013	ug/l #	1
73) Isopropylbenzene	12.26	105	1341	Below Cal		97
74) N-aryl acetate	12.04	43	5909	0.994	ug/l #	70
75) 1,1,2,2-Tetrachloroethane	12.47	83	267	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	161871	36.943	ug/l #	100
78) n-propylbenzene	12.59	91	5845	0.246	ug/l	98
79) 2-Chlorotoluene	12.66	91	1515	Below Cal	#	49
80) 1,3,5-Trimethylbenzene	12.73	105	8987	0.495	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	161871	132.446	ug/l #	7
83) tert-Butylbenzene	13.23	119	1839	Below Cal		72
84) 1,2,4-Trimethylbenzene	13.04	105	25643	1.579	ug/l	99
89) n-Butylbenzene	13.61	91	4511	0.391	ug/l #	73
90) Hexachloroethane	13.89	117	868	Below Cal	#	7

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Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
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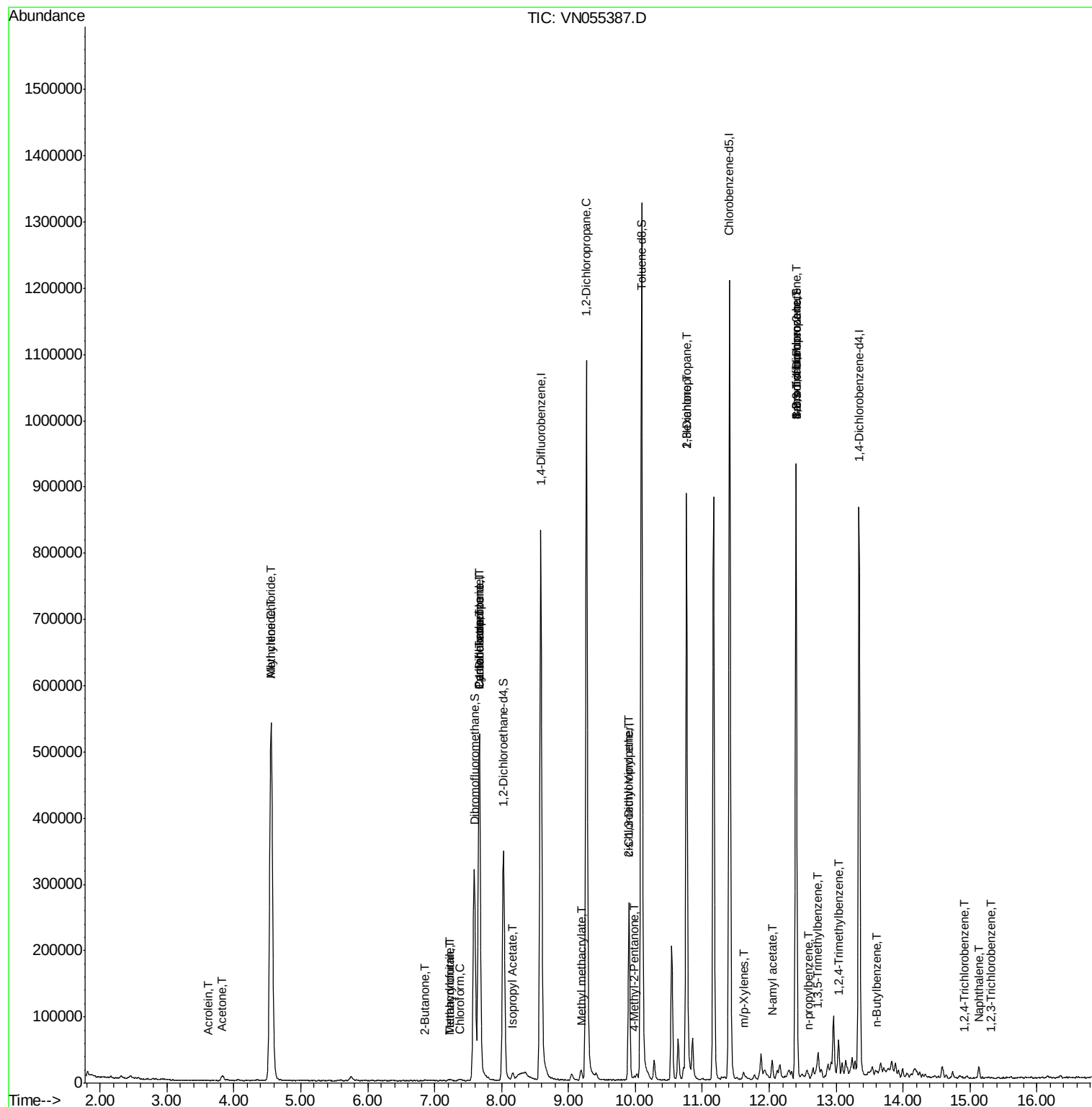
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	230	3.382	ug/l #	5
94) Hexachlorobutadiene	15.01	225	239	Below Cal	#	47
95) Naphthalene	15.13	128	14887	5.487	ug/l	96
96) 1,2,3-Trichlorobenzene	15.32	180	422	2.747	ug/l	89

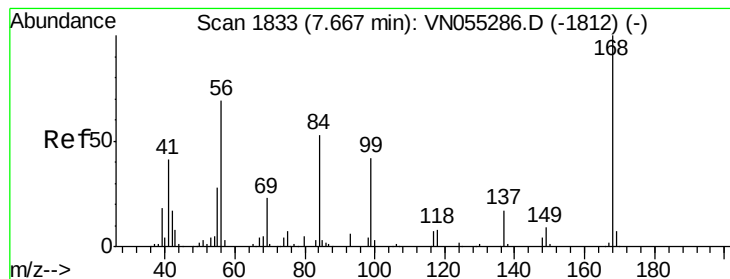
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050319\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055387.D

Acq: 3 May 2019 14:07

Instrument :

MSVOA_N

ClientSampled :

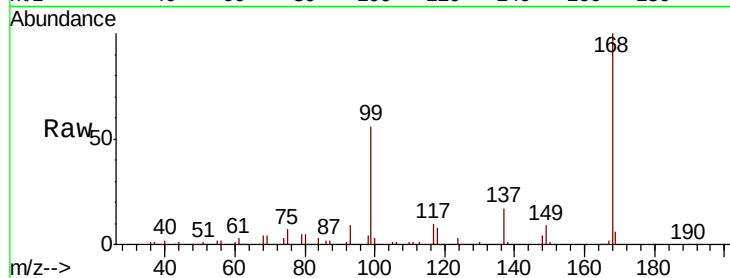
TP-2

Tot Ion:168 Resp: 455996

Ion Ratio Lower Upper

168 100

99 55.9 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): VN055286.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055286.D (-1812) (-)

7.67

200000

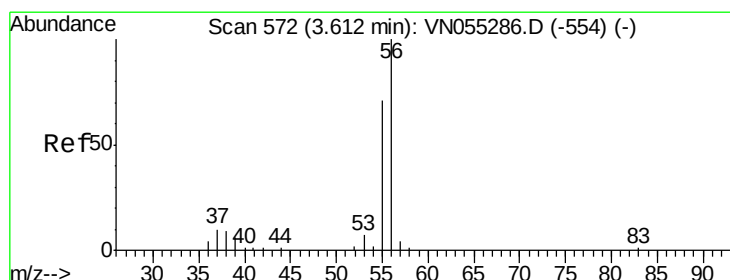
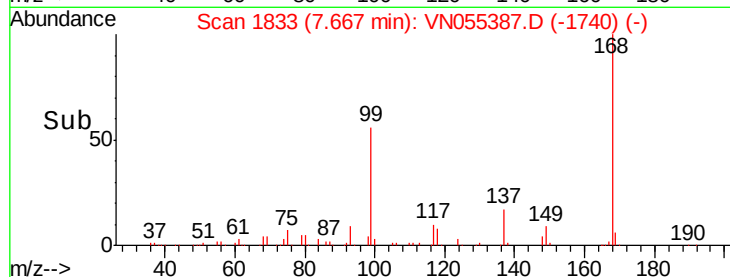
150000

100000

50000

0

Time-->



#13

Acrolein

Concen: 0.379 ug/l

RT: 3.62 min Scan# 575

Delta R.T. 0.01 min

Lab File: VN055387.D

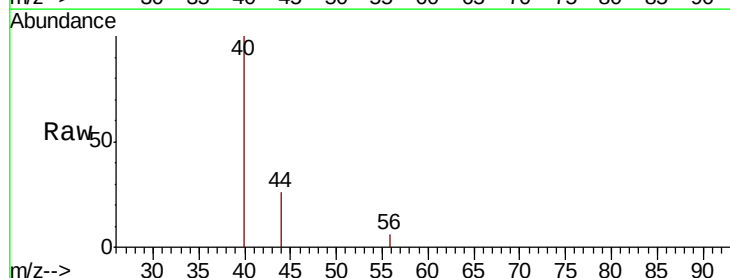
Acq: 3 May 2019 14:07

Tgt Ion: 56 Resp: 101

Ion Ratio Lower Upper

56 100

55 0.0 57.4 86.2#



Abundance Ion 56.00 (55.70 to 56.70): VN055286.D (-554) (-)

Ion 55.00 (54.70 to 55.70): VN055286.D (-554) (-)

3.62

200

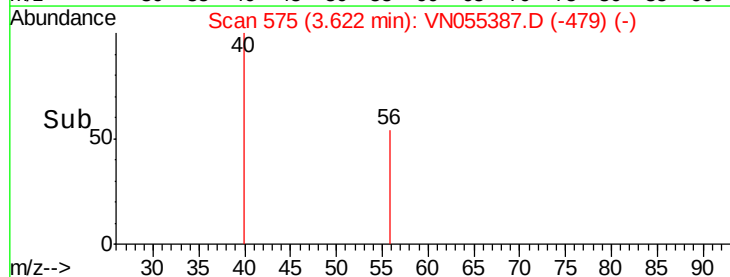
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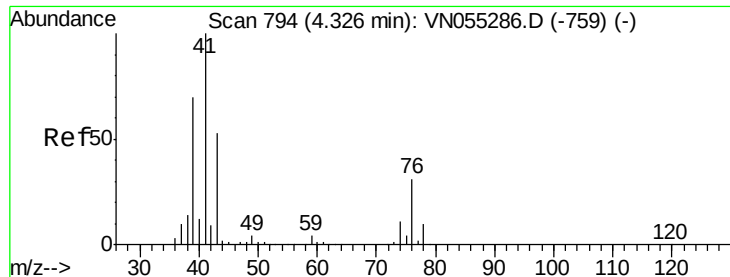
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Time-->

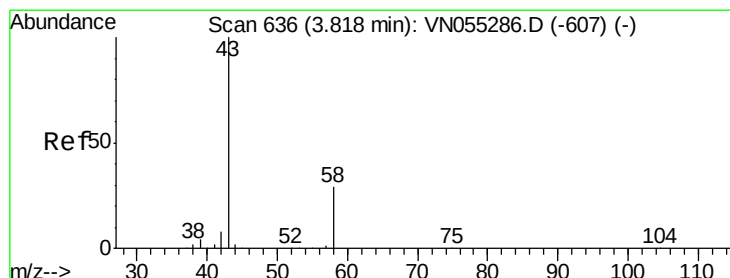
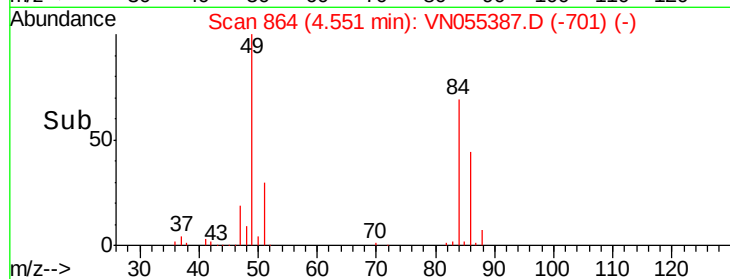
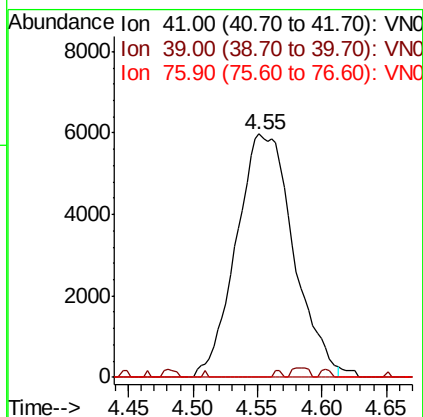
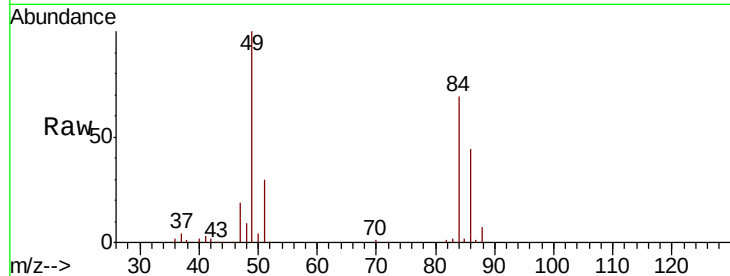




#14
Allvl chloride
Concen: 1.982 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.23 min
Lab File: VN055387.D
Acq: 3 May 2019 14:07

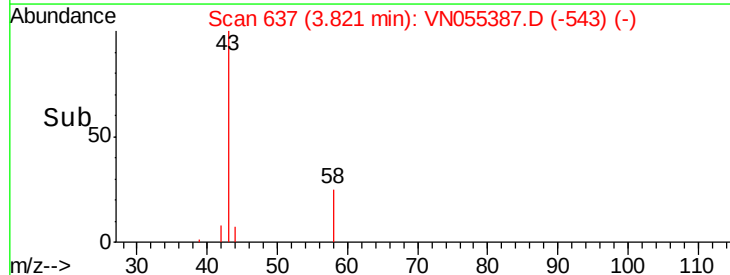
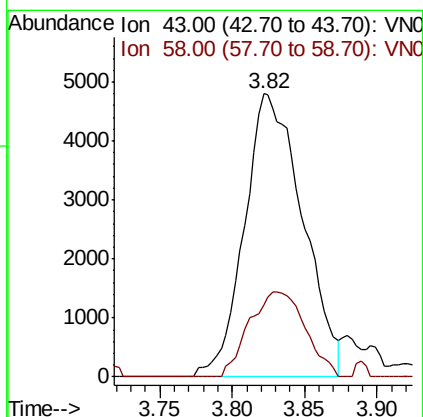
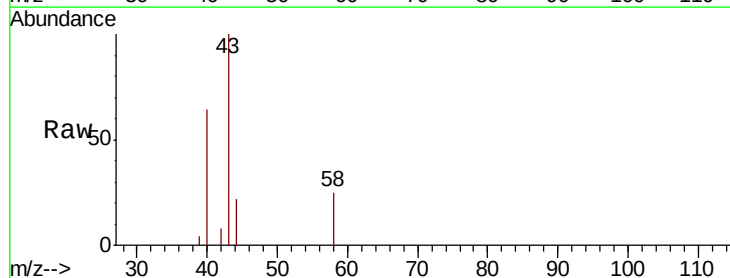
Instrument :
MSVOA_N
ClientSampled :
TP-2

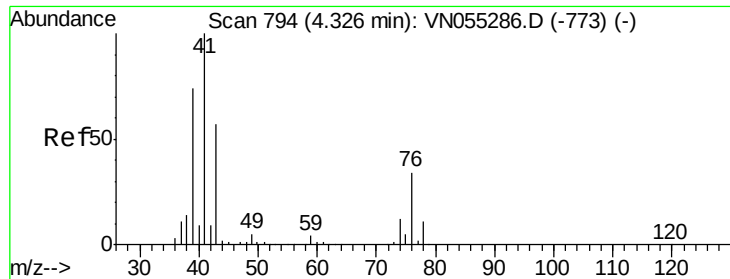
Tot Ion: 41 Resp: 18491
Ion Ratio Lower Upper
41 100
39 0.3 53.0 79.6#
76 0.0 22.7 34.1#



#16
Acetone
Concen: 7.205 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.00 min
Lab File: VN055387.D
Acq: 3 May 2019 14:07

Tgt Ion: 43 Resp: 13392
Ion Ratio Lower Upper
43 100
58 25.3 23.6 35.4

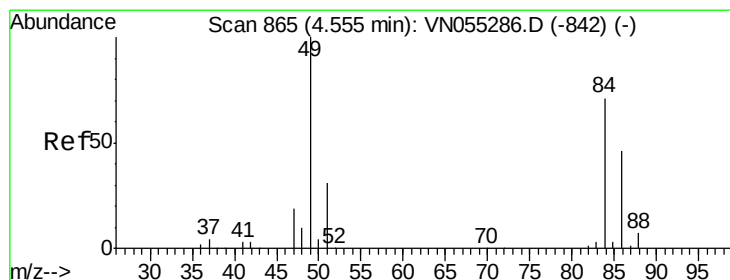
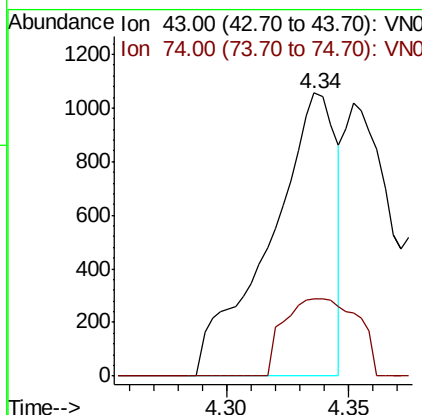
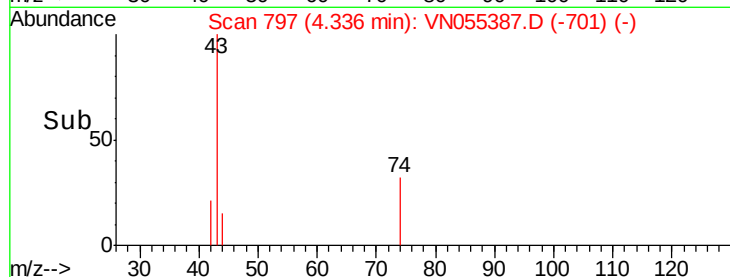
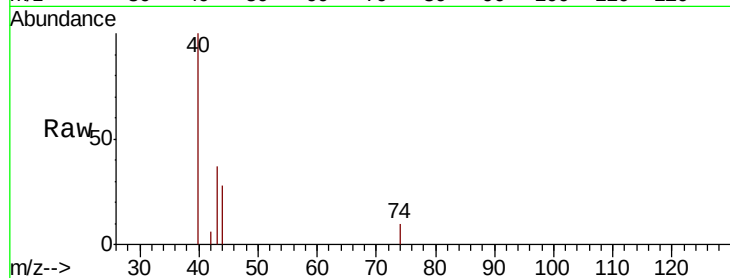




#18
Methyl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN055387.D
Acq: 3 May 2019 14:07

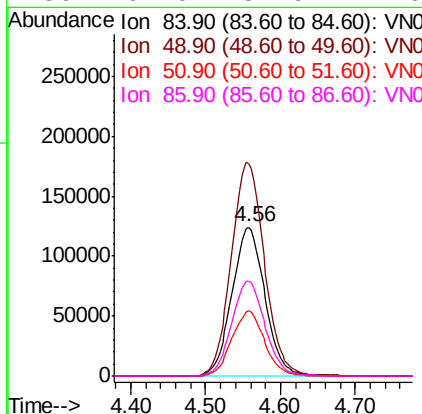
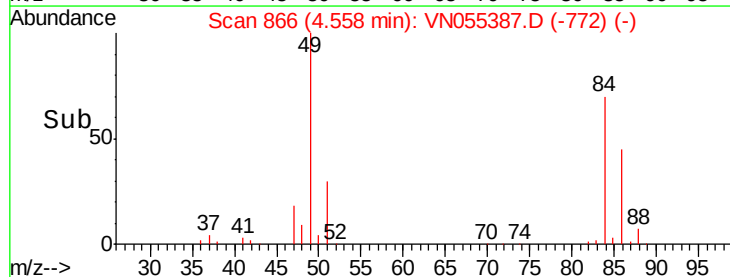
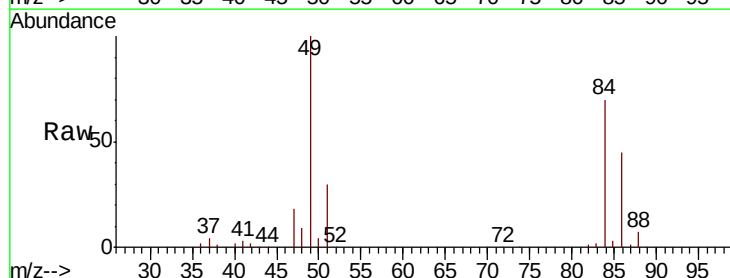
Instrument :
MSVOA_N
ClientSampleId :
TP-2

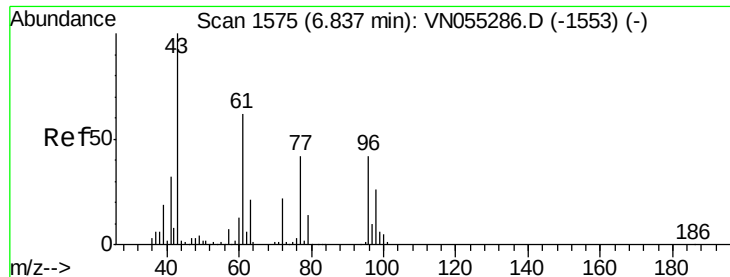
Tot Ion: 43 Resp: 1986
Ion Ratio Lower Upper
43 100
74 30.5 15.8 23.8#



#20
Methylene Chloride
Concen: 67.109 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN055387.D
Acq: 3 May 2019 14:07

Tgt Ion: 84 Resp: 380743
Ion Ratio Lower Upper
84 100
49 142.9 112.4 168.6
51 43.5 34.6 51.8
86 64.0 51.9 77.9

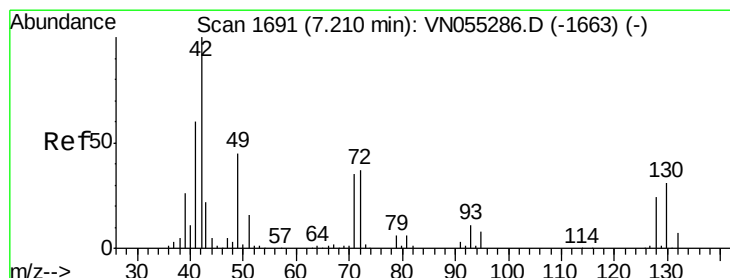
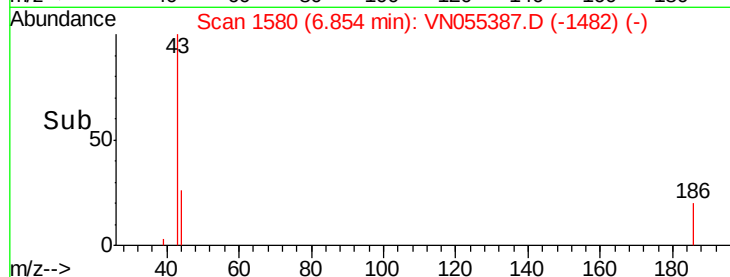
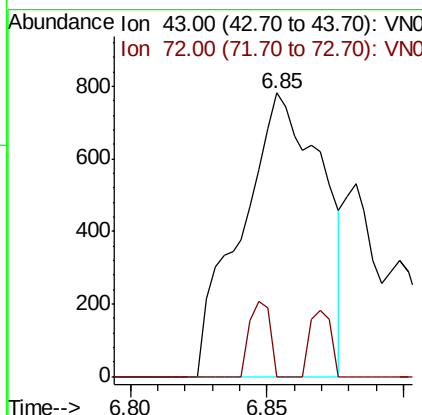
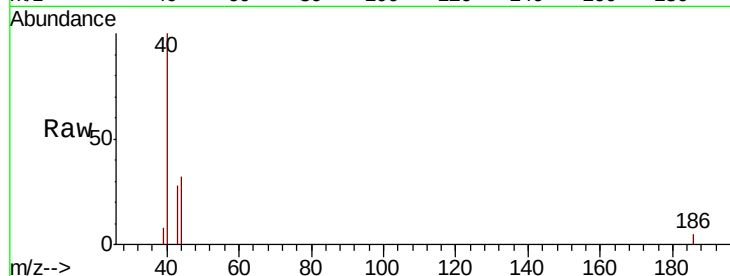




#25
 2-Butanone
 Concen: 0.677 ug/l
 RT: 6.85 min Scan# 1580
 Delta R.T. 0.02 min
 Lab File: VN055387.D
 Acq: 3 May 2019 14:07

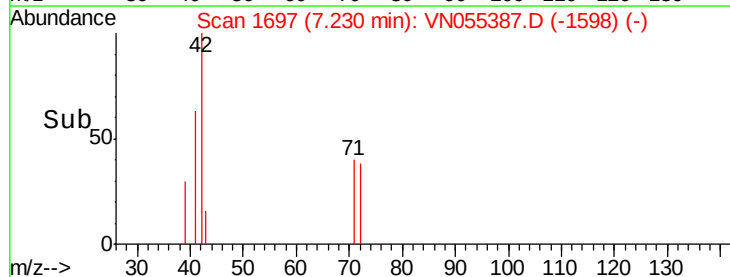
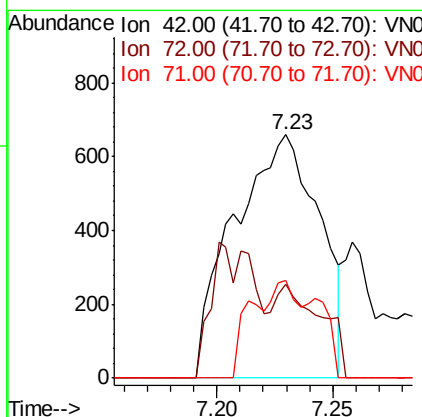
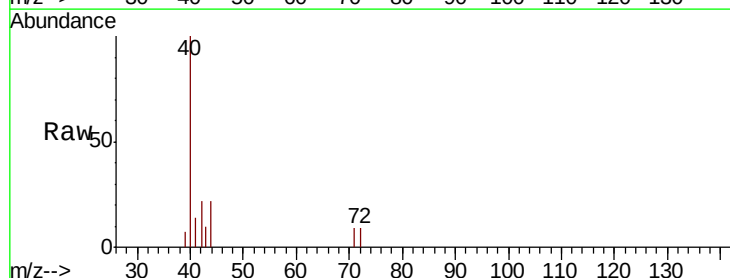
Instrument :
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 ClientSampled :
 TP-2

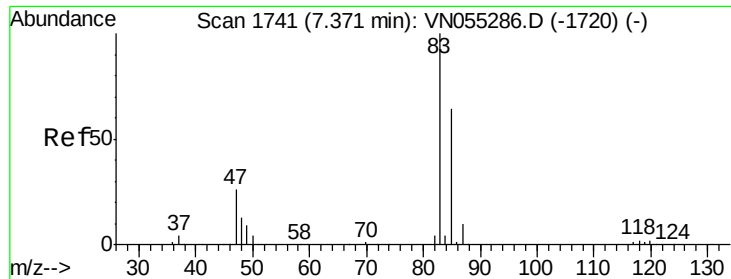
Tot Ion: 43 Resp: 1610
 Ion Ratio Lower Upper
 43 100
 72 0.0 18.0 27.0#



#29
 Tetrahydrofuran
 Concen: 1.108 ug/l
 RT: 7.23 min Scan# 1697
 Delta R.T. 0.02 min
 Lab File: VN055387.D
 Acq: 3 May 2019 14:07

Tgt Ion: 42 Resp: 1686
 Ion Ratio Lower Upper
 42 100
 72 19.9 29.0 43.6#
 71 21.7 27.1 40.7#

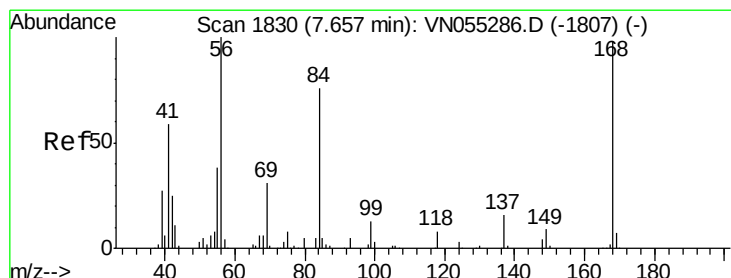
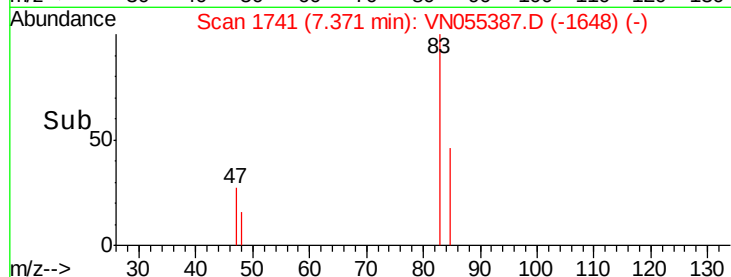
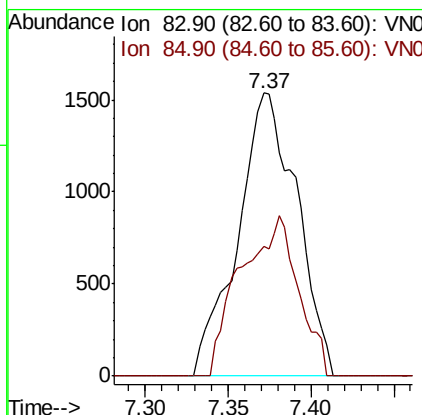
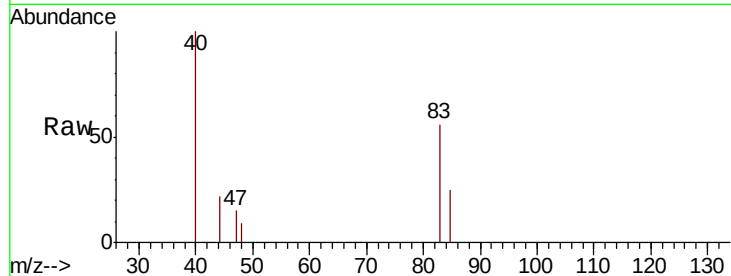




#30
Chloroform
Concen: 0.408 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN055387.D
Acq: 3 May 2019 14:07

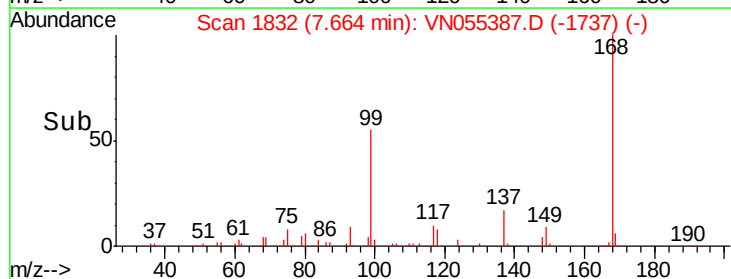
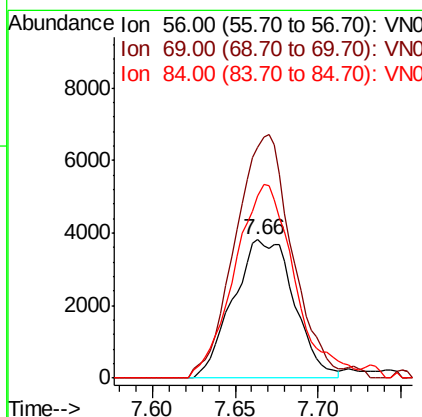
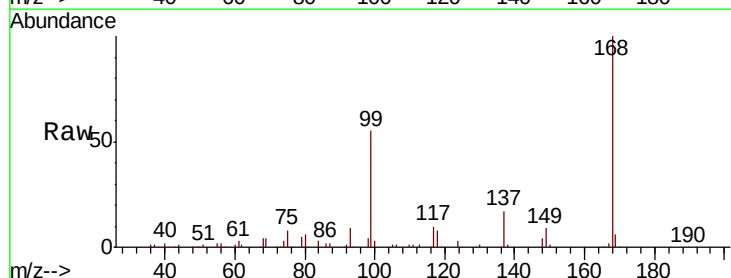
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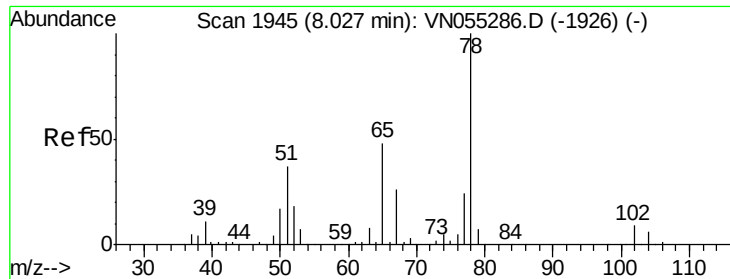
Tot Ion: 83 Resp: 3816
Ion Ratio Lower Upper
83 100
85 45.7 51.4 77.2#



#31
Cyclohexane
Concen: 1.040 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN055387.D
Acq: 3 May 2019 14:07

Tgt Ion: 56 Resp: 9762
Ion Ratio Lower Upper
56 100
69 167.5 25.2 37.8#
84 132.2 61.1 91.7#

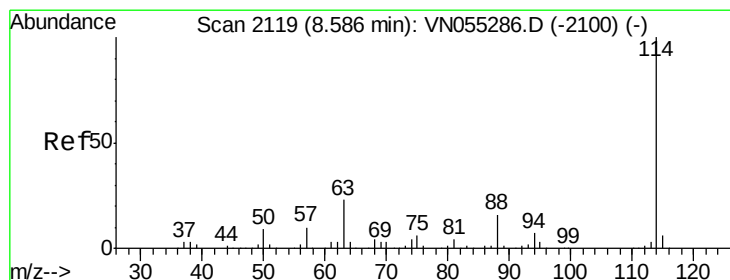
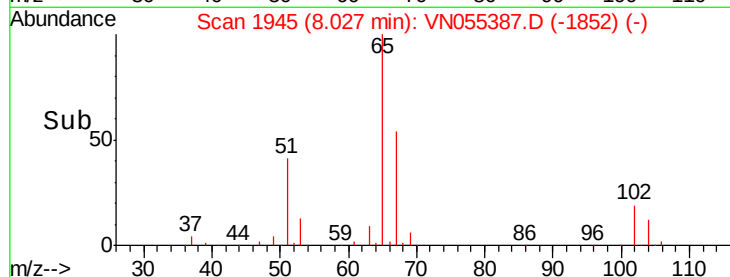
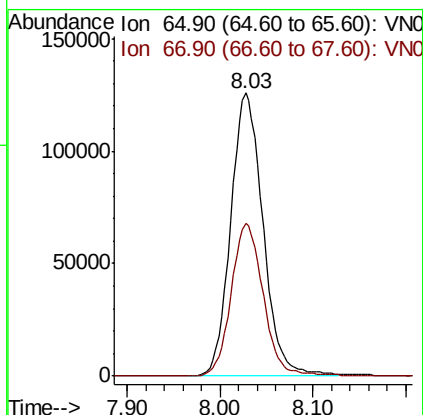
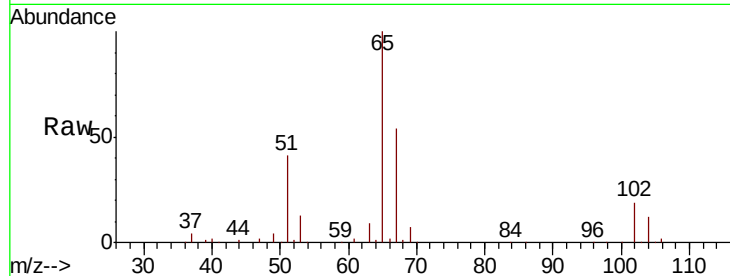




#33
 1,2-Dichloroethane-d4
 Concen: 50.964 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055387.D
 Acq: 3 May 2019 14:07

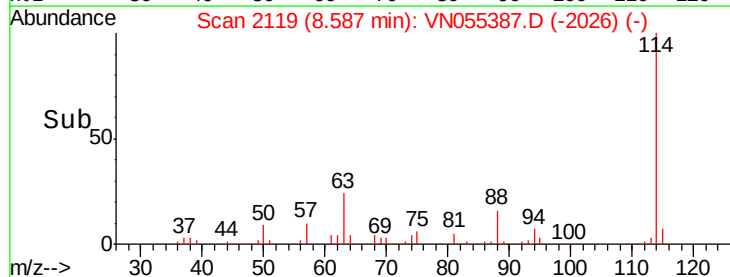
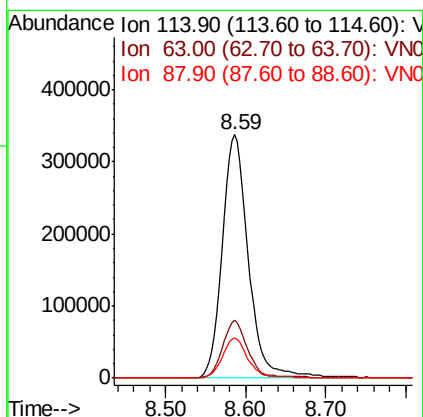
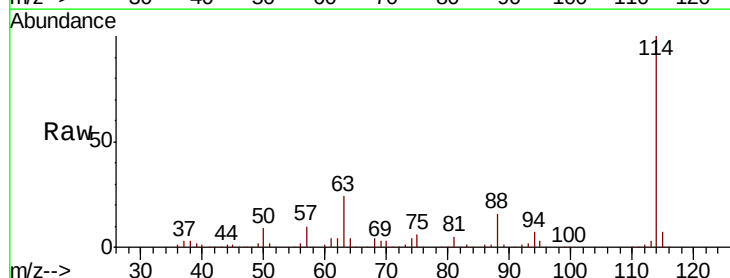
Instrument :
 MSVOA_N
 ClientSampled :
 TP-2

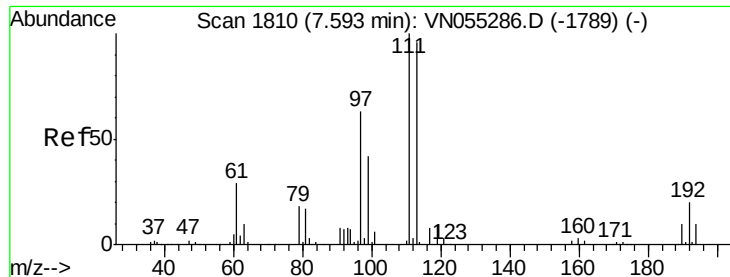
Tot Ion: 65 Resp: 304026
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055387.D
 Acq: 3 May 2019 14:07

Tgt Ion: 114 Resp: 760833
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 45.2
 88 16.4 0.0 31.6

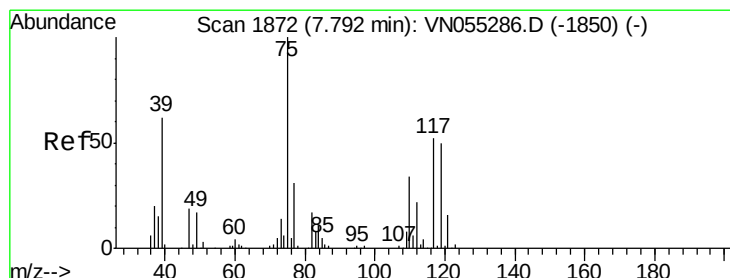
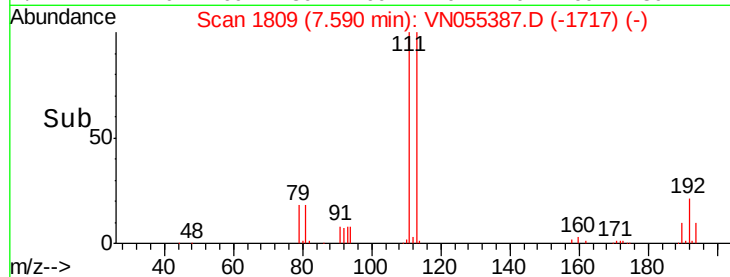
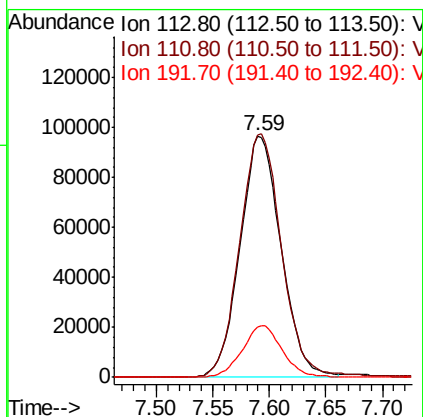
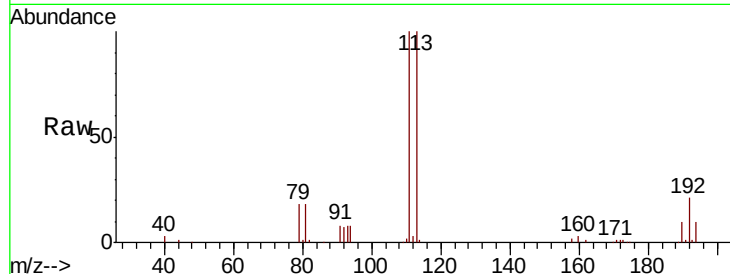




#35
 Dibromofluoromethane
 Concen: 48.827 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055387.D
 Acq: 3 May 2019 14:07

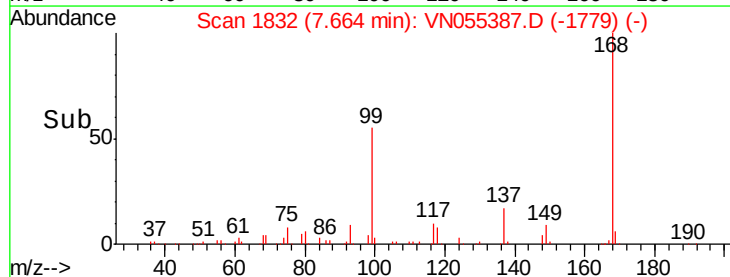
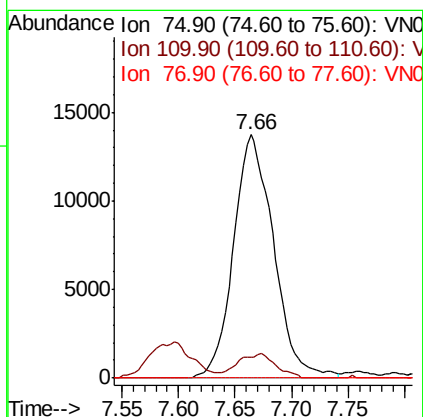
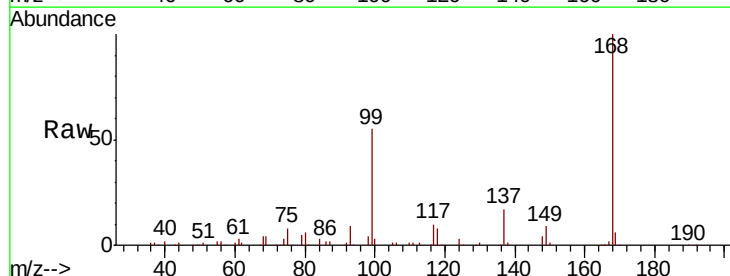
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

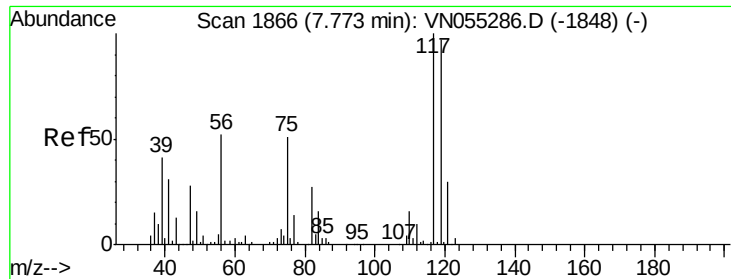
Tot Ion:113 Resp: 243834
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.3 123.5
 192 21.2 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 4.647 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN055387.D
 Acq: 3 May 2019 14:07

Tgt Ion: 75 Resp: 33868
 Ion Ratio Lower Upper
 75 100
 110 9.7 16.8 50.4#
 77 0.0 25.0 37.6#





#38

Carbon Tetrachloride

Concen: 5.956 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN055387.D

Acq: 3 May 2019 14:07

Instrument :

MSVOA_N

ClientSampled :

TP-2

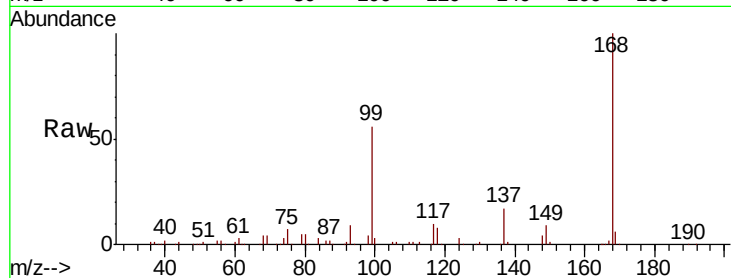
Tot Ion:117 Resp: 41872

Ion Ratio Lower Upper

117 100

119 5.1 77.0 115.6#

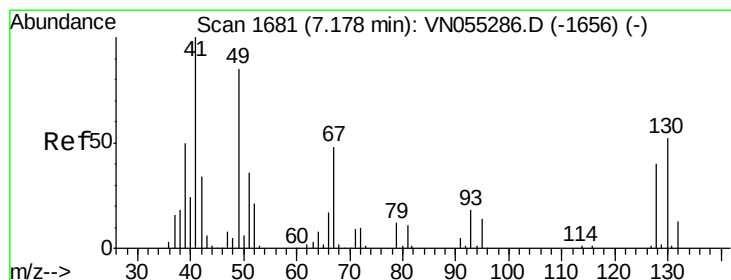
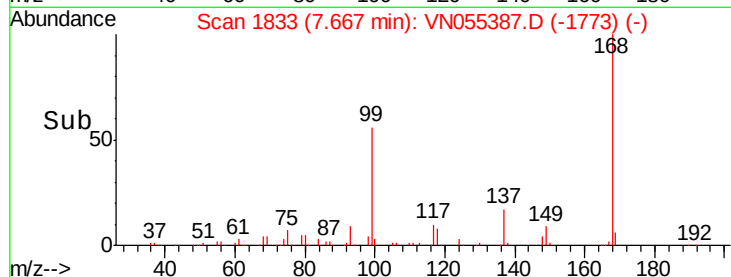
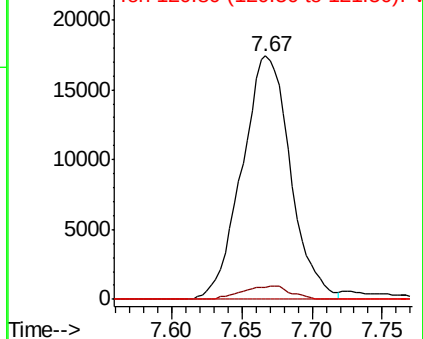
121 0.0 23.8 35.8#



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



#41

Methacrylonitrile

Concen: 0.900 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. 0.04 min

Lab File: VN055387.D

Acq: 3 May 2019 14:07

Tgt Ion: 41 Resp: 490

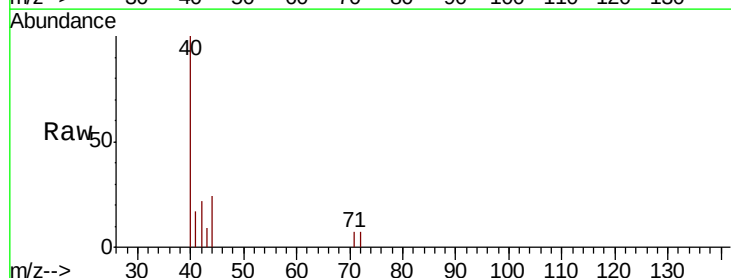
Ion Ratio Lower Upper

41 100

39 22.4 48.5 72.7#

67 0.0 54.9 82.3#

52 0.0 24.9 37.3#

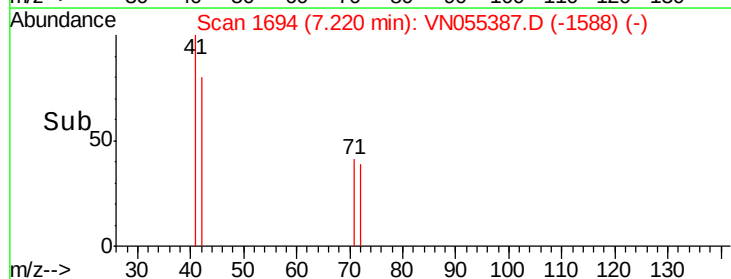
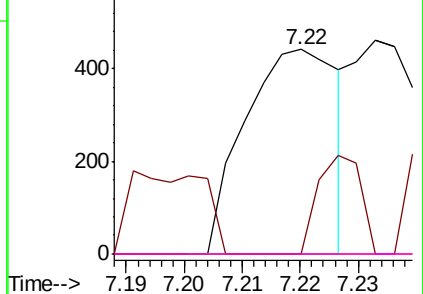


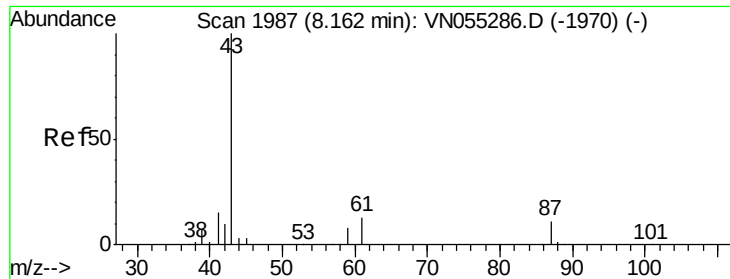
Abundance Ion 41.00 (40.70 to 41.70): V

Ion 39.00 (38.70 to 39.70): V

Ion 67.00 (66.70 to 67.70): V

Ion 52.00 (51.70 to 52.70): V





#43

Isopropyl Acetate

Concen: 1.469 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055387.D

Acq: 3 May 2019 14:07

Instrument :

MSVOA_N

ClientSampleId :

TP-2

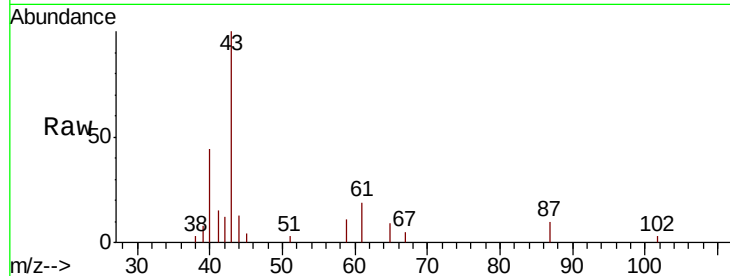
Tot Ion: 43 Resp: 13182

Ion Ratio Lower Upper

43 100

61 19.0 20.8 31.2#

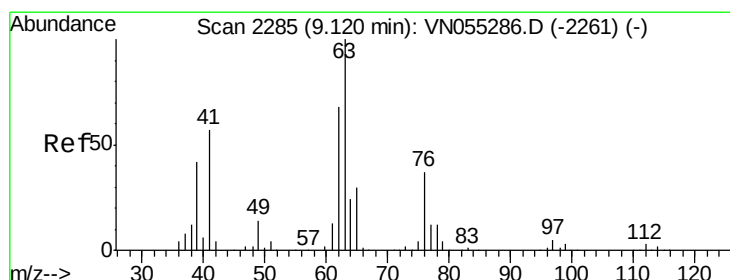
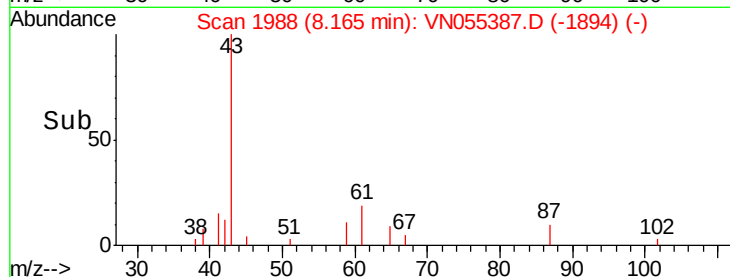
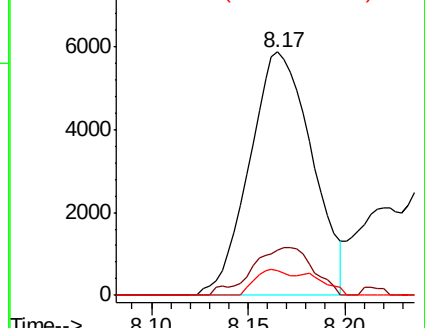
87 6.4 8.5 12.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.222 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.14 min

Lab File: VN055387.D

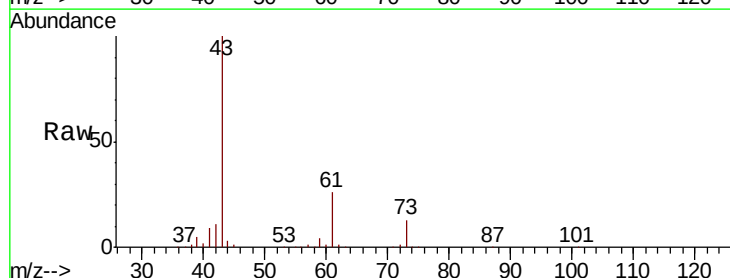
Acq: 3 May 2019 14:07

Tgt Ion: 63 Resp: 1377

Ion Ratio Lower Upper

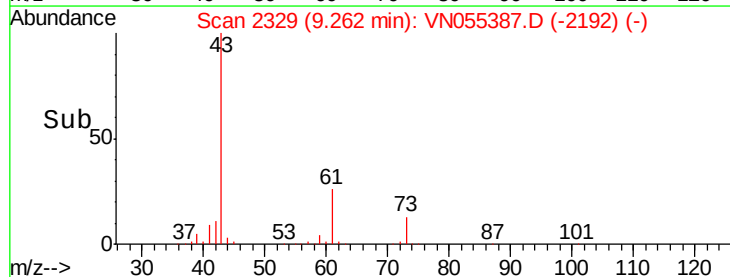
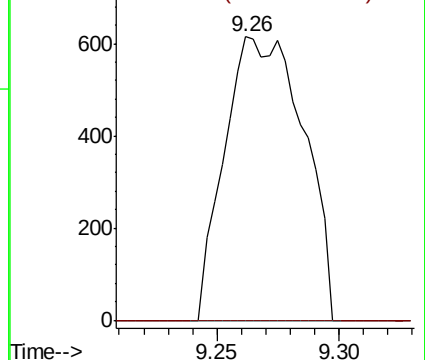
63 100

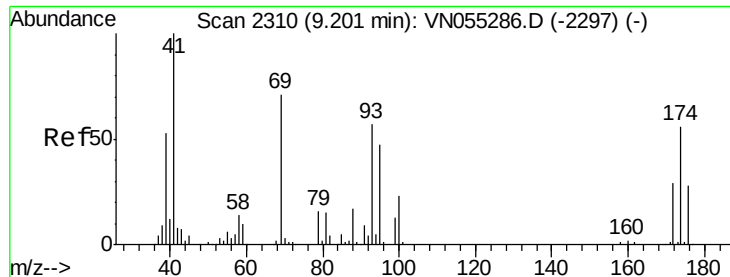
65 0.0 23.9 35.9#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

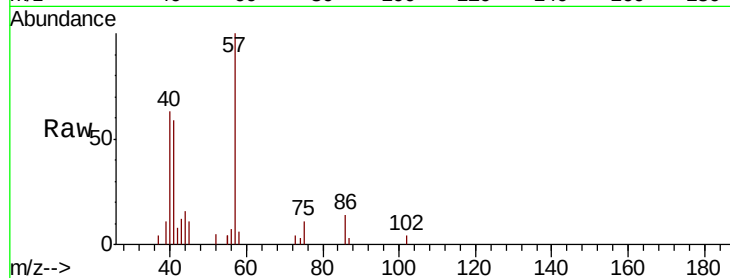




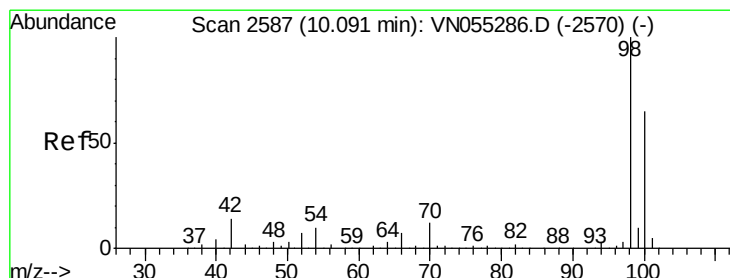
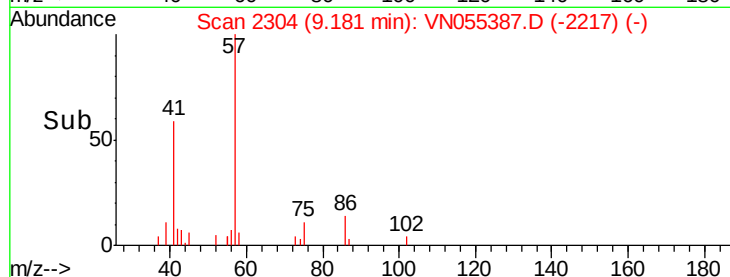
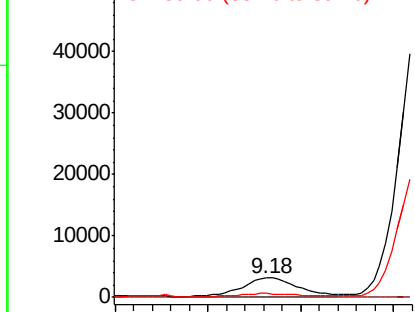
#48
Methvl methacrylate
Concen: 1.571 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN055387.D
Acq: 3 May 2019 14:07

Instrument :
MSVOA_N
ClientSampled :
TP-2

Tot Ion: 41 Resp: 6932
Ion Ratio Lower Upper
41 100
69 0.0 58.6 87.8#
39 0.0 43.8 65.6#

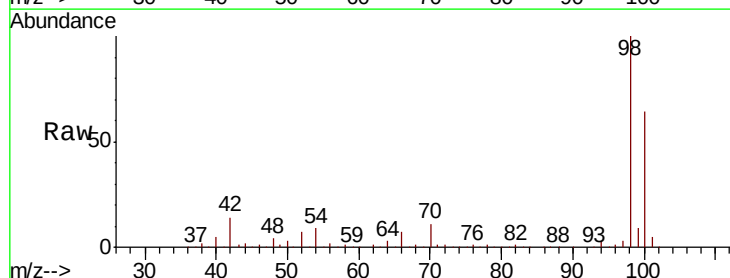


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

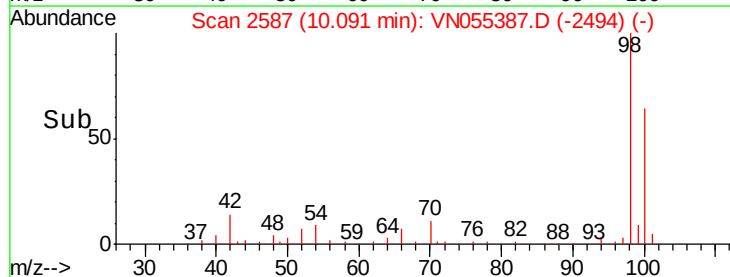
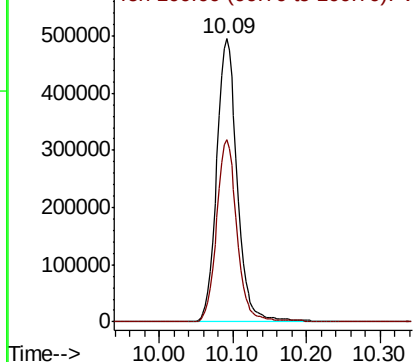


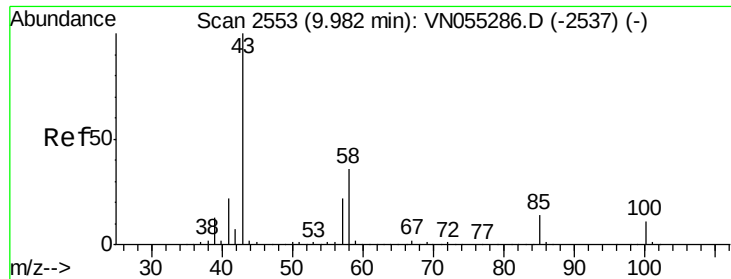
#50
Toluene-d8
Concen: 53.071 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055387.D
Acq: 3 May 2019 14:07

Tgt Ion: 98 Resp: 956991
Ion Ratio Lower Upper
98 100
100 63.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 0.849 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN055387.D

Acq: 3 May 2019 14:07

Instrument :

MSVOA_N

ClientSampled :

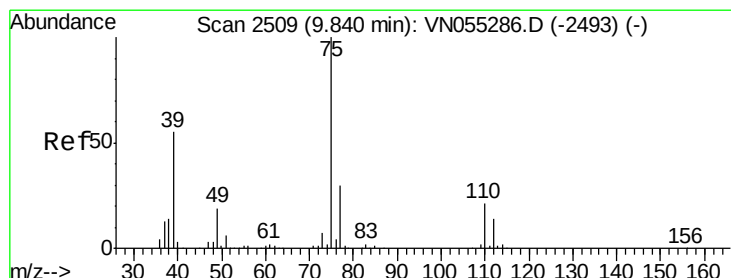
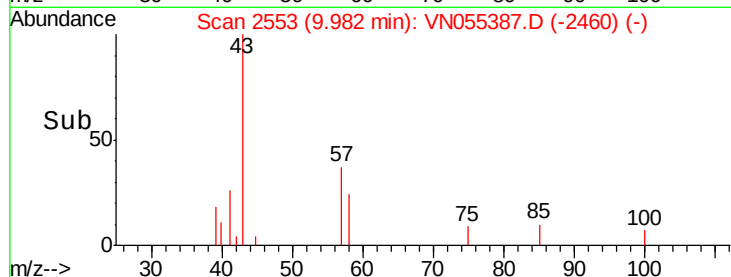
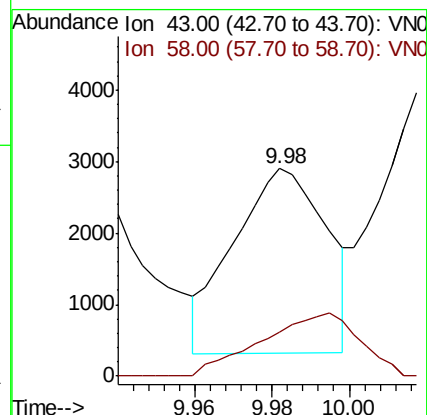
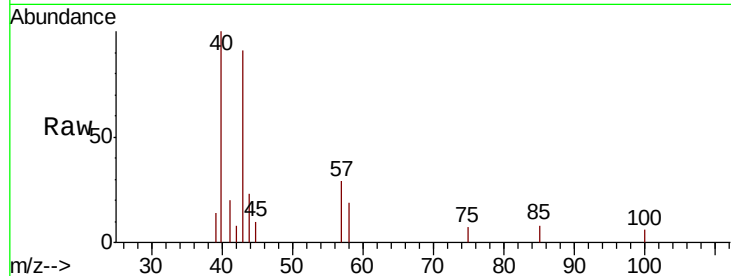
TP-2

Tot Ion: 43 Resp: 4288

Ion Ratio Lower Upper

43 100

58 36.0 28.5 42.7



#54

cis-1,3-Dichloropropene

Concen: 5.722 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN055387.D

Acq: 3 May 2019 14:07

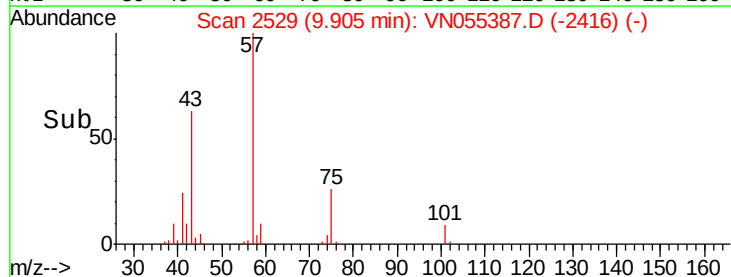
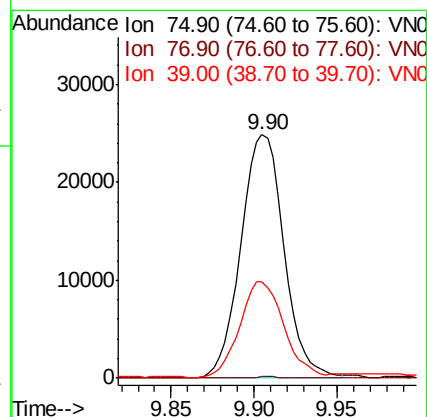
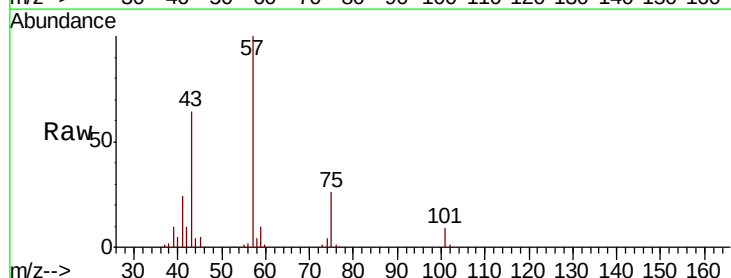
Tgt Ion: 75 Resp: 44999

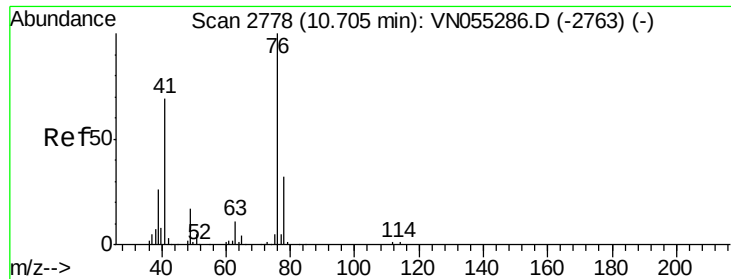
Ion Ratio Lower Upper

75 100

77 0.8 24.2 36.2#

39 39.7 44.2 66.2#

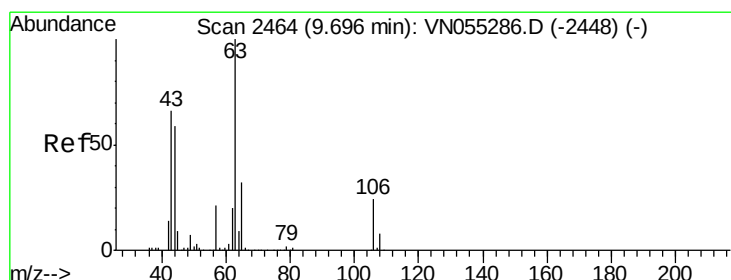
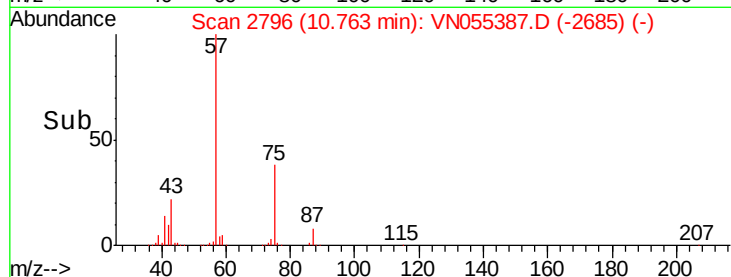
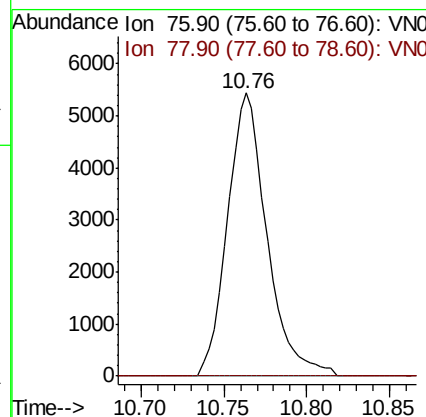
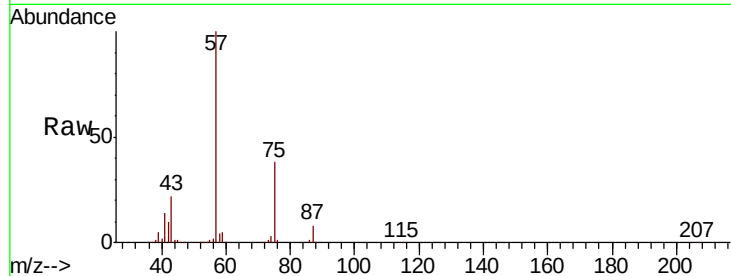




#57
 1,3-Dichloropropane
 Concen: 1.120 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN055387.D
 Acq: 3 May 2019 14:07

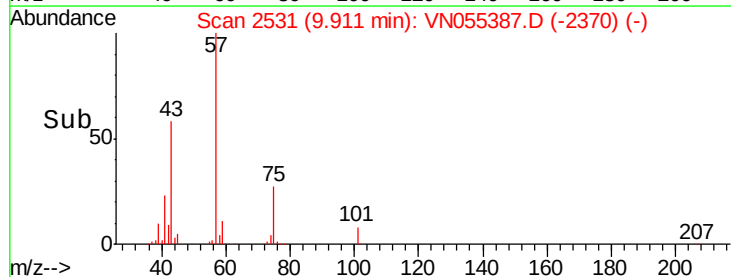
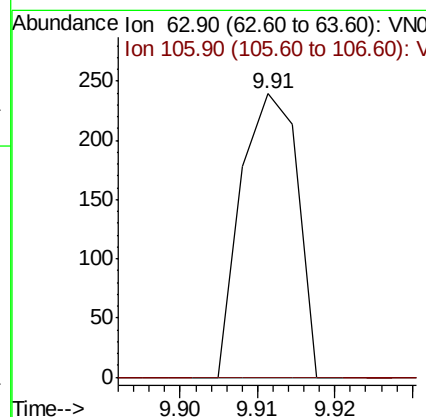
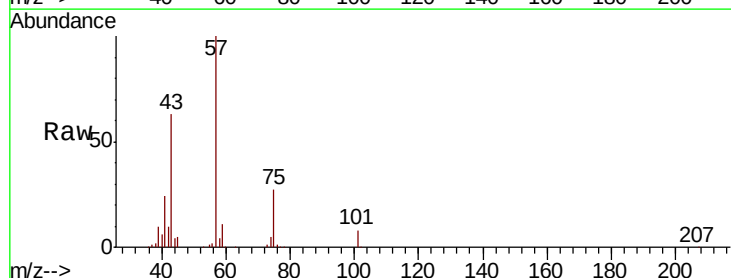
Instrument :
 MSVOA_N
 ClientSampled :
 TP-2

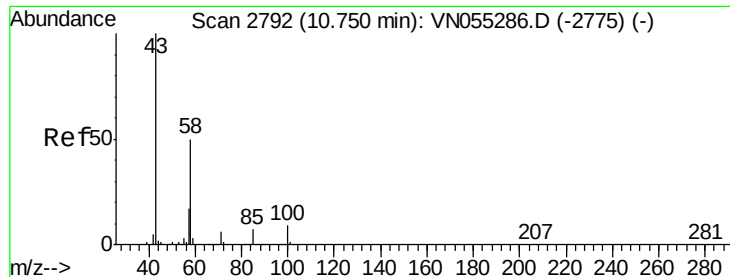
Tot Ion: 76 Resp: 8994
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#



#58
 2-Chloroethyl Vinyl ether
 Concen: 12.471 ug/l
 RT: 9.91 min Scan# 2531
 Delta R.T. 0.22 min
 Lab File: VN055387.D
 Acq: 3 May 2019 14:07

Tgt Ion: 63 Resp: 122
 Ion Ratio Lower Upper
 63 100
 106 0.0 19.0 28.4#

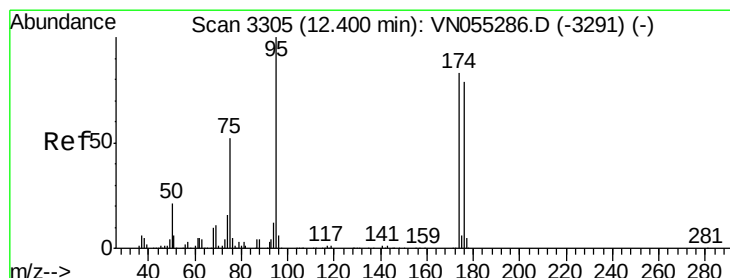
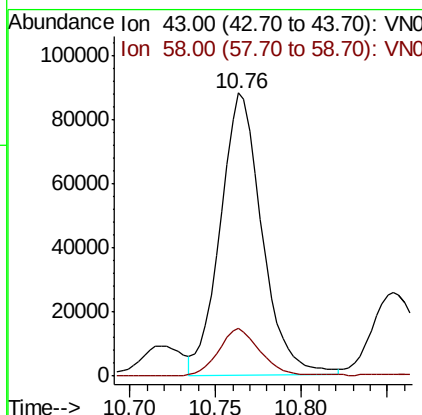
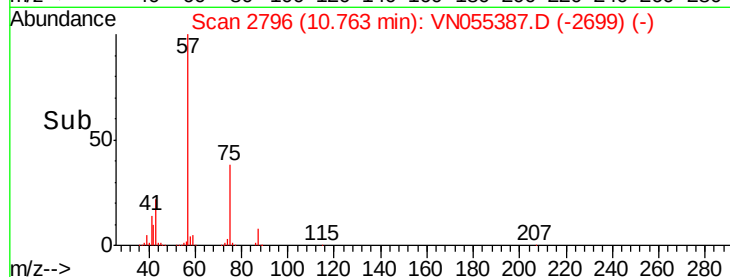
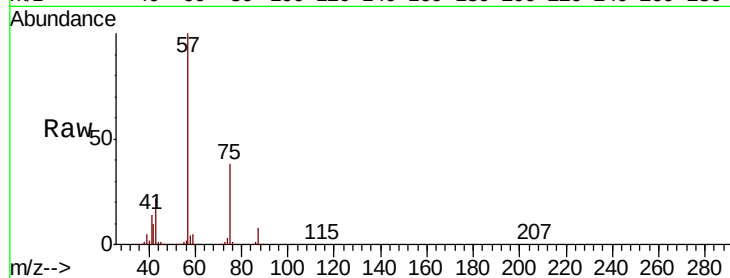




#59
2-Hexanone
Concen: 47.137 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN055387.D
Acq: 3 May 2019 14:07

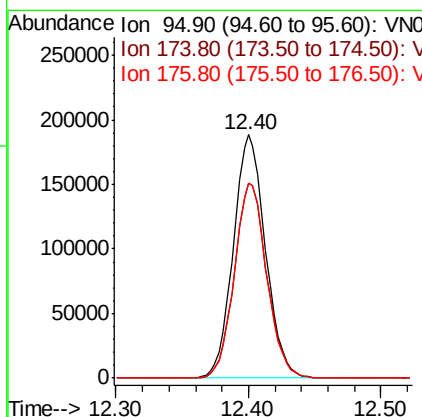
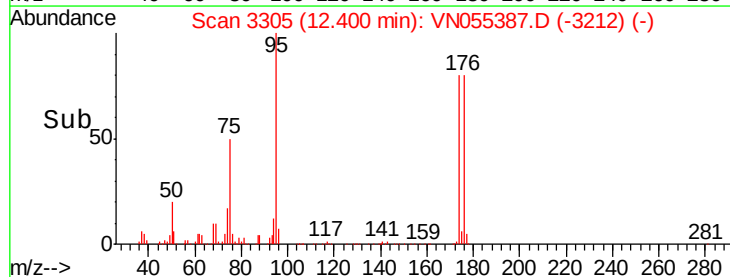
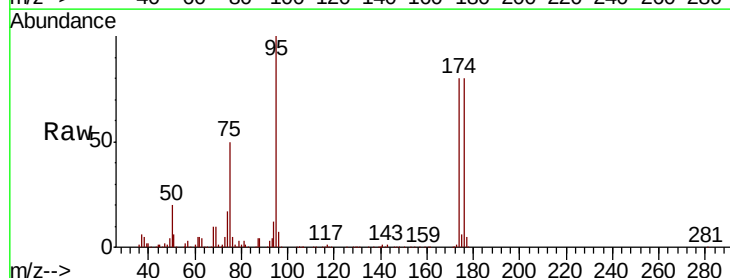
Instrument :
MSVOA_N
ClientSampleId :
TP-2

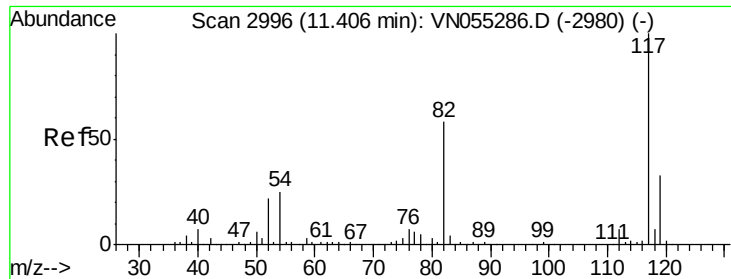
Tot Ion: 43 Resp: 149045
Ion Ratio Lower Upper
43 100
58 16.9 24.9 74.6#



#62
4-Bromofluorobenzene
Concen: 55.814 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055387.D
Acq: 3 May 2019 14:07

Tgt Ion: 95 Resp: 314554
Ion Ratio Lower Upper
95 100
174 81.4 0.0 166.6
176 80.9 0.0 157.8

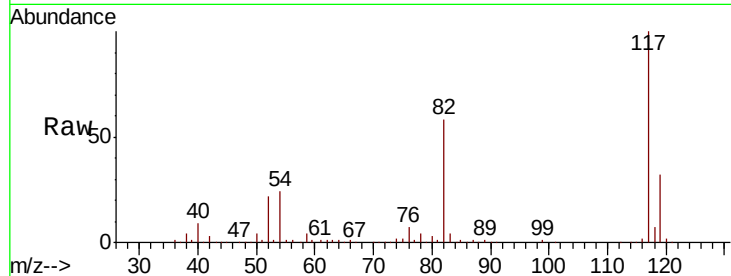




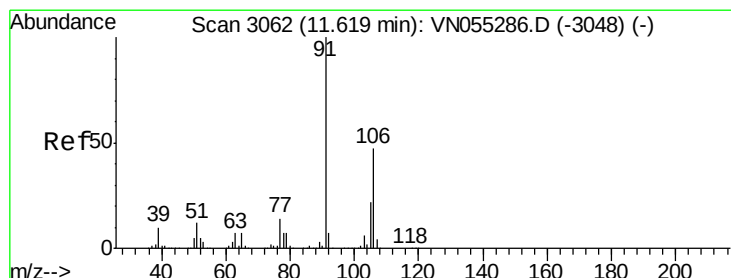
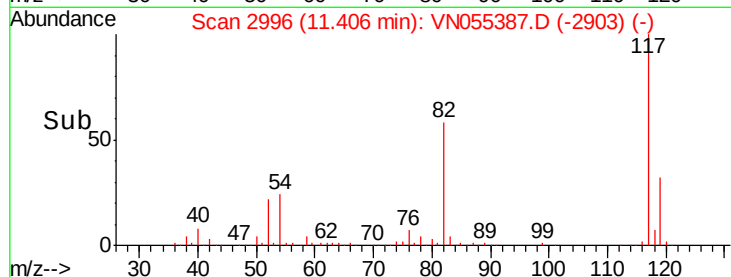
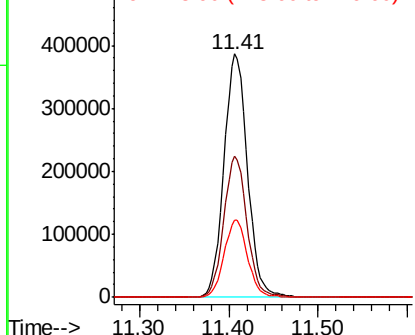
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055387.D
Acq: 3 May 2019 14:07

Instrument :
MSVOA_N
ClientSampled :
TP-2

Tot Ion:117 Resp: 705967
Ion Ratio Lower Upper
117 100
82 58.2 46.2 69.4
119 31.9 26.6 40.0

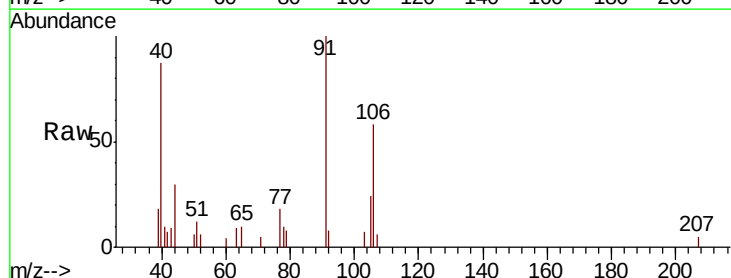


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

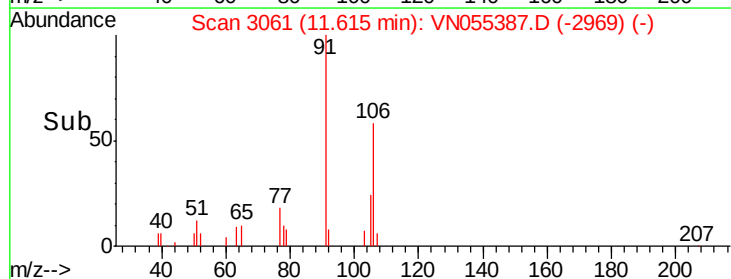
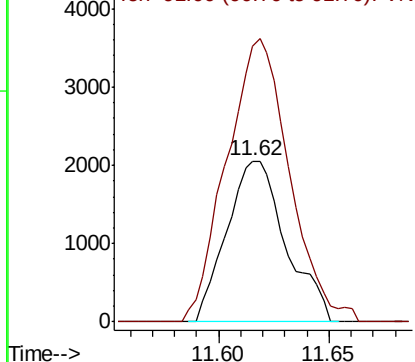


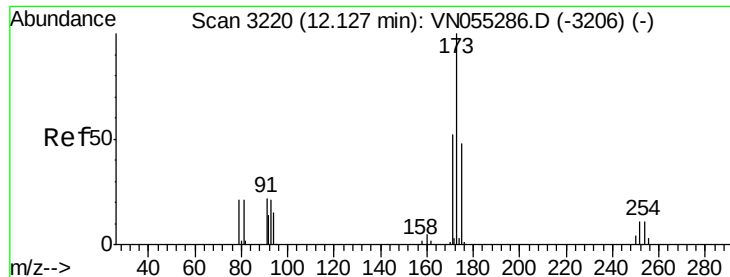
#68
m/p-Xylenes
Concen: 0.429 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN055387.D
Acq: 3 May 2019 14:07

Tgt Ion:106 Resp: 3821
Ion Ratio Lower Upper
106 100
91 187.5 169.5 254.3



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





#71

Bromoform

Concen: 1.013 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN055387.D

Acq: 3 May 2019 14:07

Instrument :

MSVOA_N

ClientSampleId :

TP-2

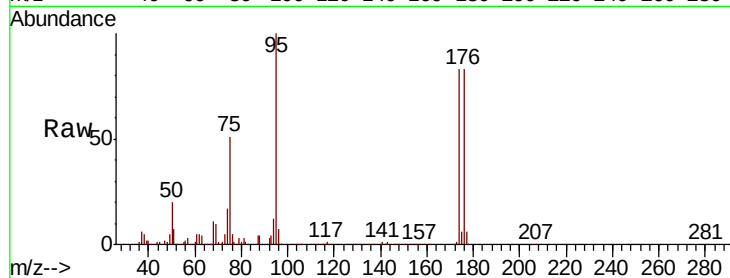
Tot Ion:173 Resp: 3039

Ion Ratio Lower Upper

173 100

175 578.1 23.6 71.0#

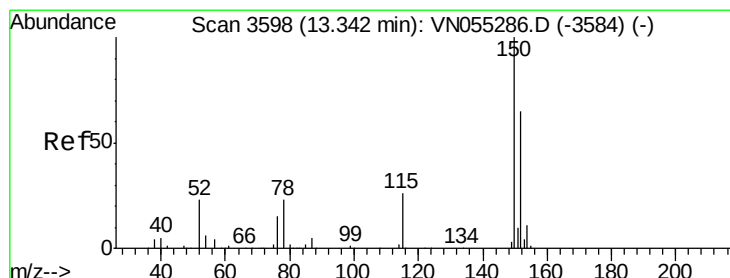
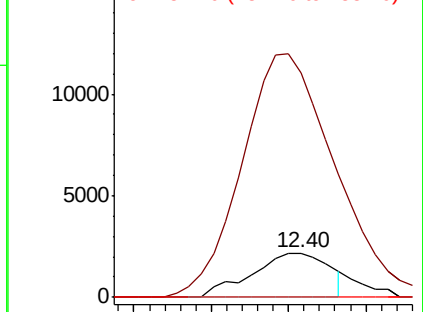
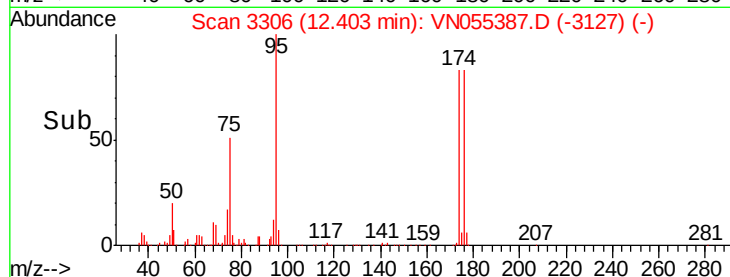
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055387.D

Acq: 3 May 2019 14:07

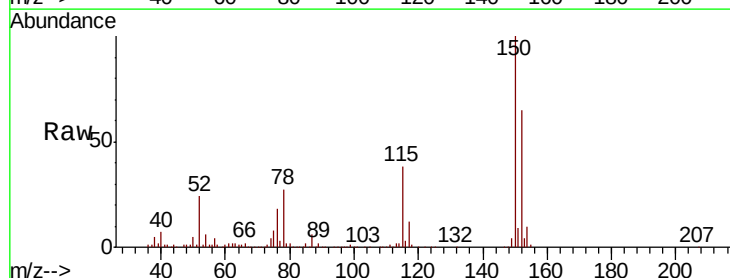
Tgt Ion:152 Resp: 231609

Ion Ratio Lower Upper

152 100

115 57.3 29.0 87.0

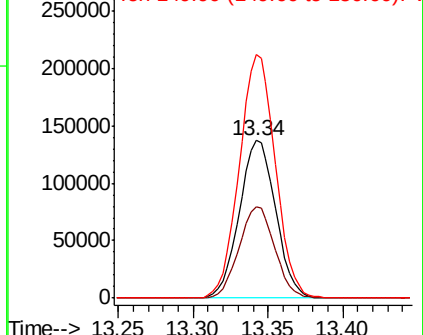
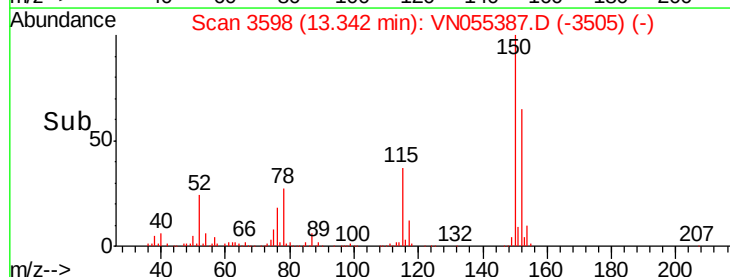
150 153.2 0.0 345.6

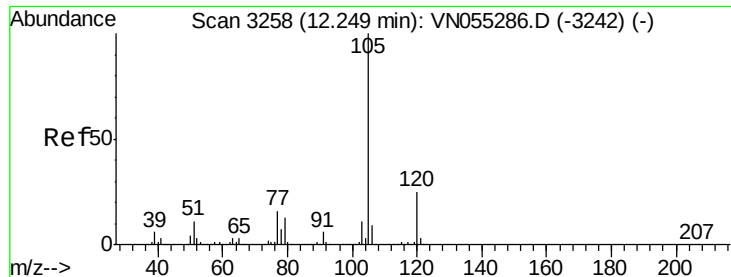


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.26 min Scan# 3260

Delta R.T. 0.01 min

Lab File: VN055387.D

Acq: 3 May 2019 14:07

Instrument :

MSVOA_N

ClientSampleId :

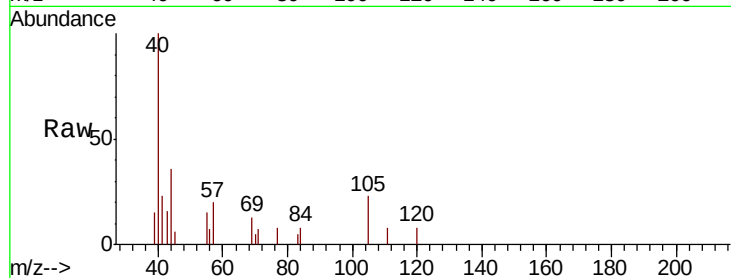
TP-2

Tot Ion:105 Resp: 1341

Ion Ratio Lower Upper

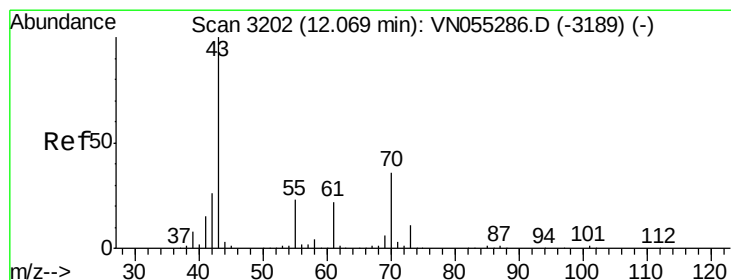
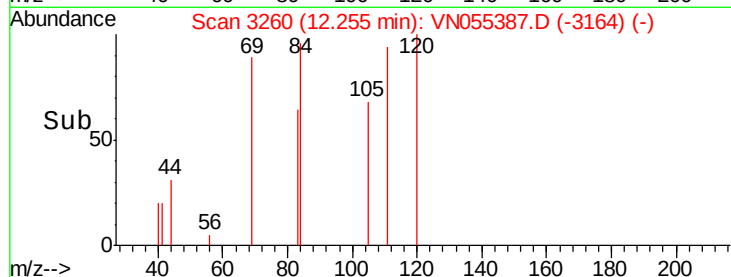
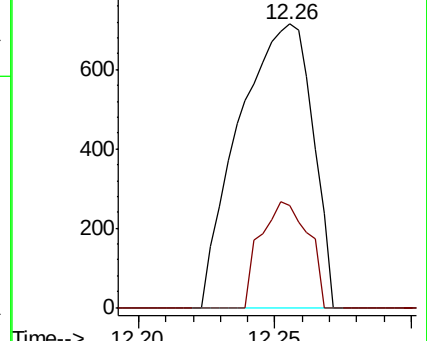
105 100

120 24.1 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.994 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN055387.D

Acq: 3 May 2019 14:07

Tgt Ion: 43 Resp: 5909

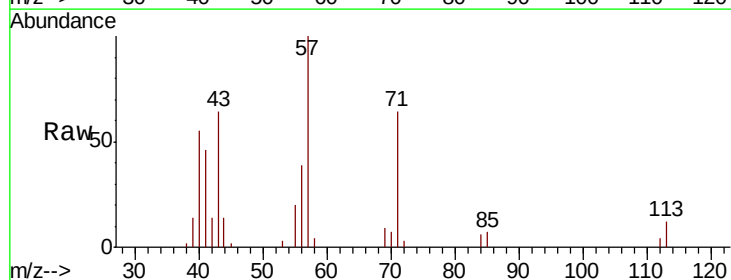
Ion Ratio Lower Upper

43 100

70 15.3 27.9 41.9#

55 27.4 18.2 27.2#

61 0.0 16.9 25.3#

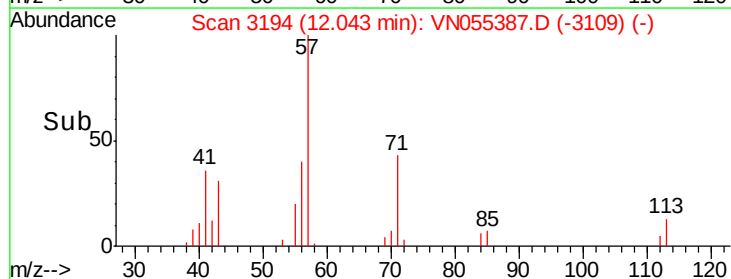
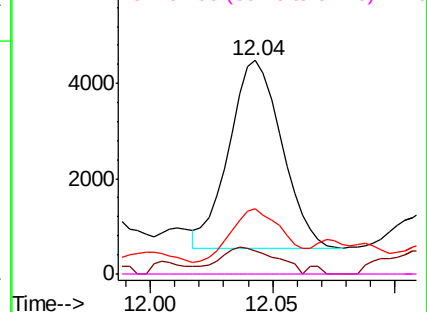


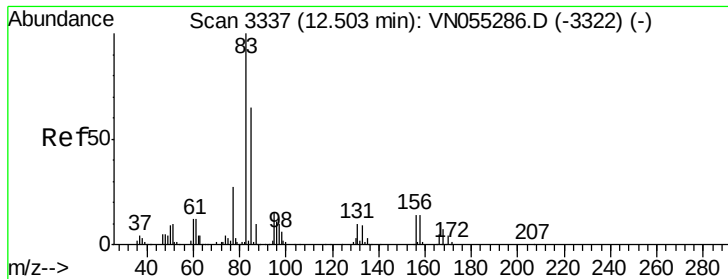
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.47 min Scan# 3328

Delta R.T. -0.03 min

Lab File: VN055387.D

Acq: 3 May 2019 14:07

Instrument :

MSVOA_N

ClientSampled :

TP-2

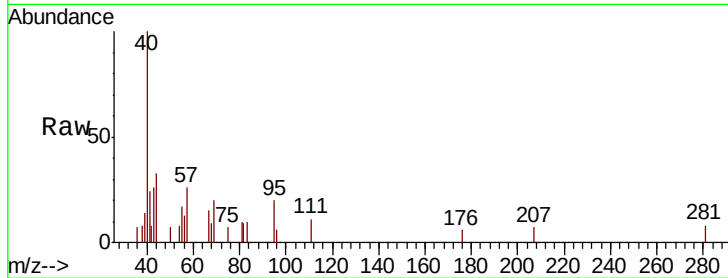
Tot Ion: 83 Resp: 267

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.2#

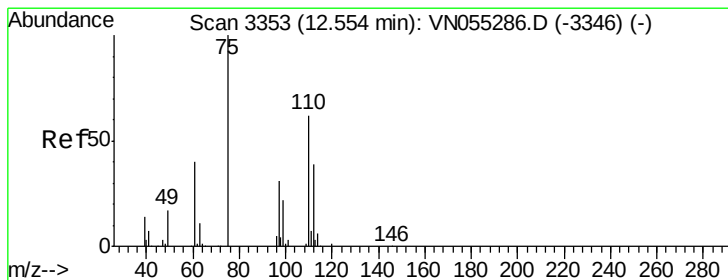
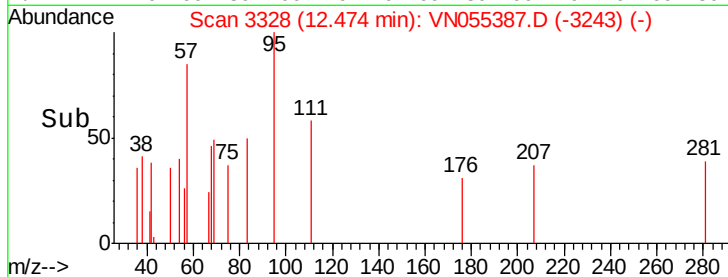
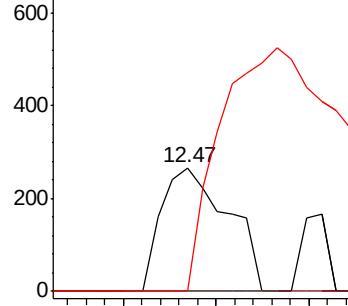
85 425.8 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 36.943 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055387.D

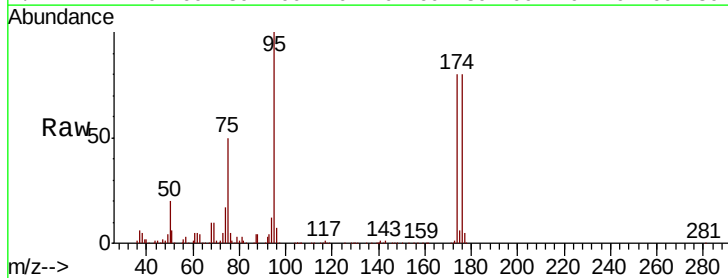
Acq: 3 May 2019 14:07

Tgt Ion: 75 Resp: 161871

Ion Ratio Lower Upper

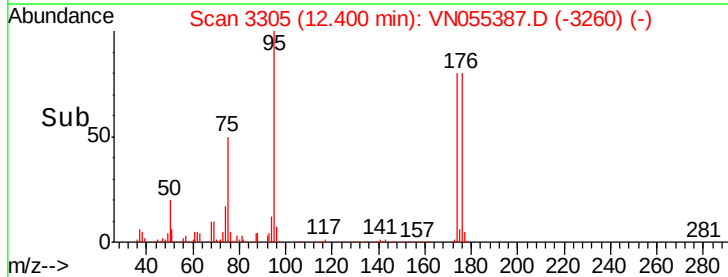
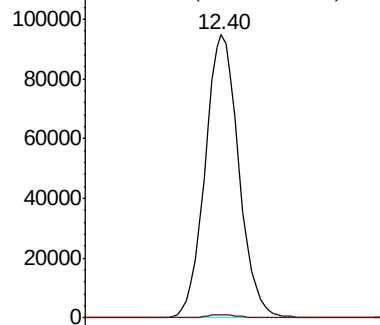
75 100

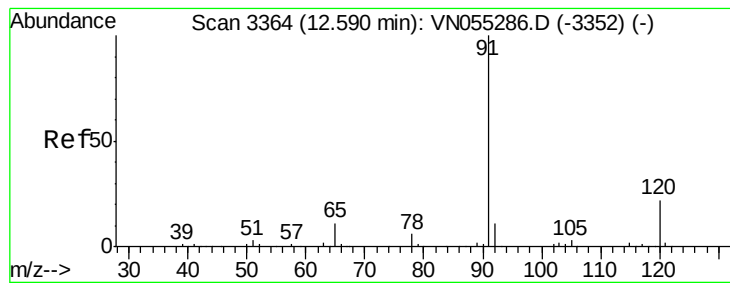
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#78

n-propylbenzene

Concen: 0.246 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN055387.D

Acq: 3 May 2019 14:07

Instrument :

MSVOA_N

ClientSampled :

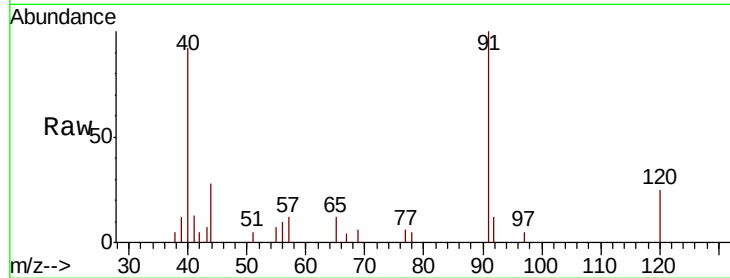
TP-2

Tot Ion: 91 Resp: 5845

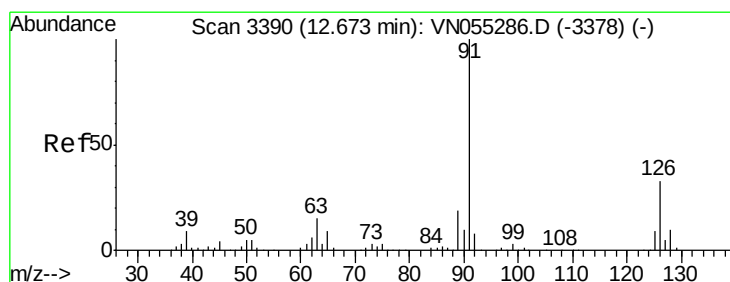
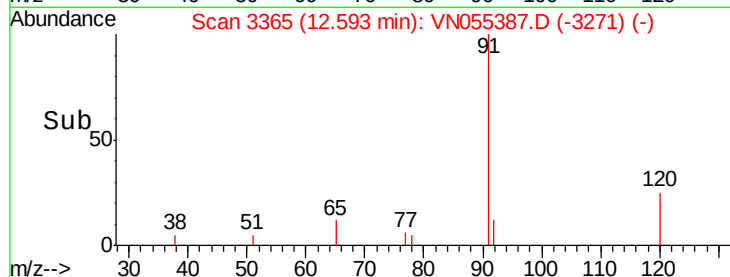
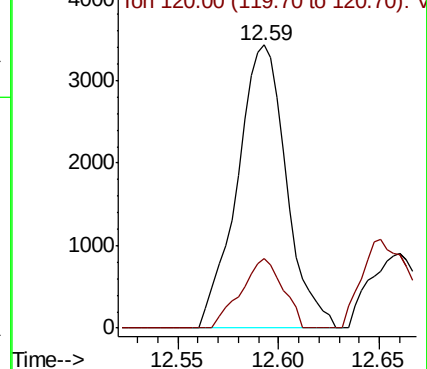
Ion Ratio Lower Upper

91 100

120 21.0 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN055286.D (-3352) (-)



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.66 min Scan# 3386

Delta R.T. -0.01 min

Lab File: VN055387.D

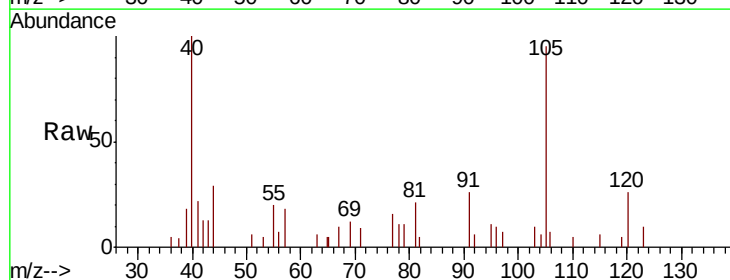
Acq: 3 May 2019 14:07

Tgt Ion: 91 Resp: 1515

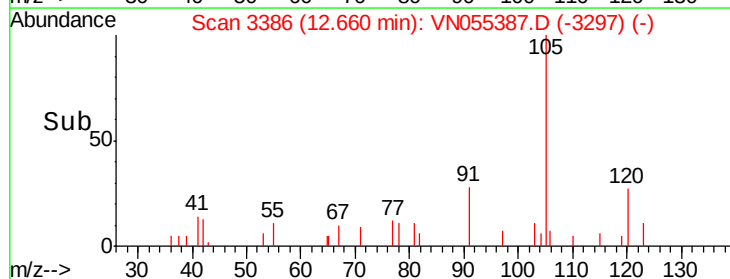
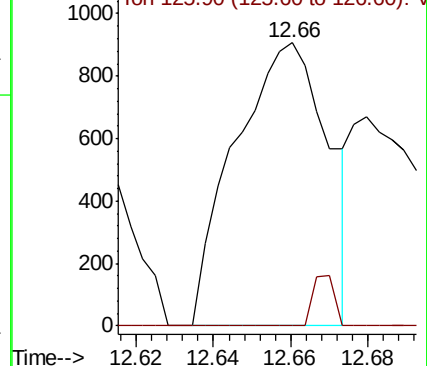
Ion Ratio Lower Upper

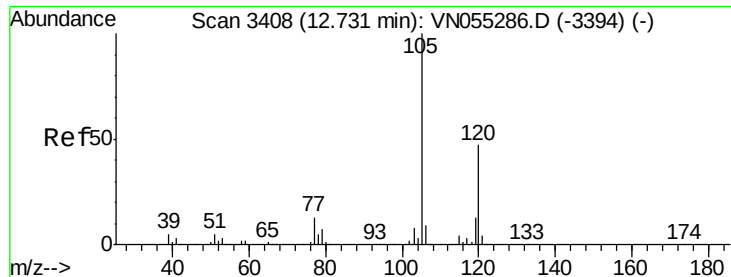
91 100

126 4.0 16.6 49.7#



Abundance Ion 91.00 (90.70 to 91.70): VN055286.D (-3378) (-)

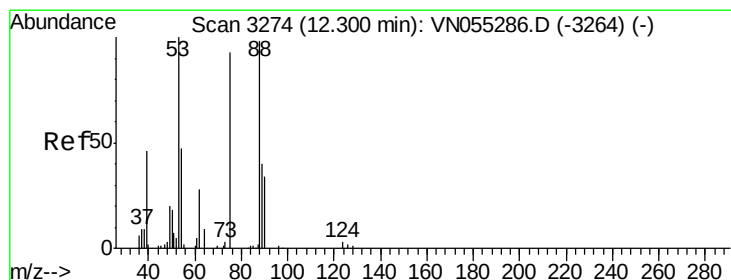
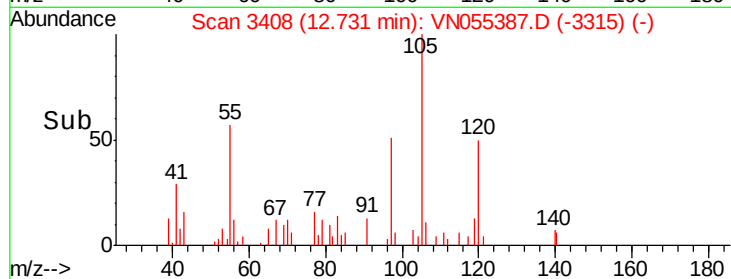
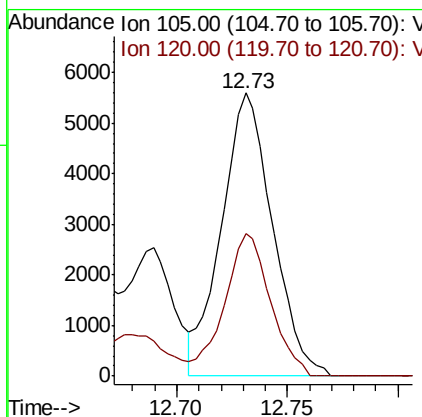
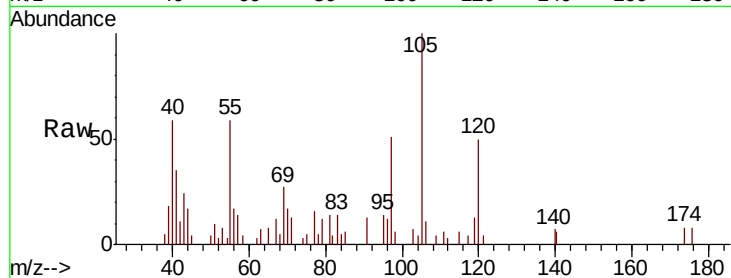




#80
 1,3,5-Trimethylbenzene
 Concen: 0.495 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055387.D
 Acq: 3 May 2019 14:07

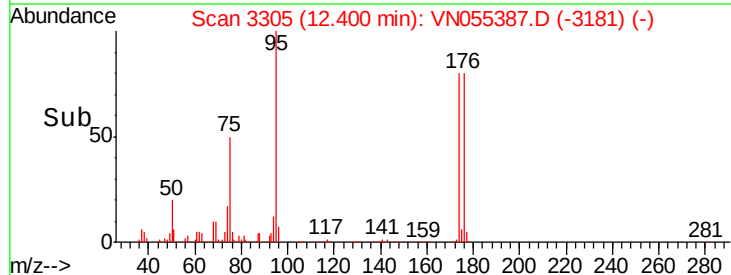
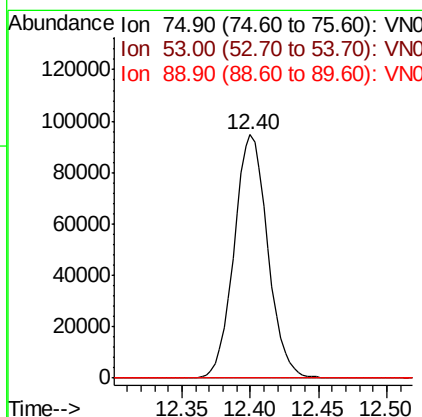
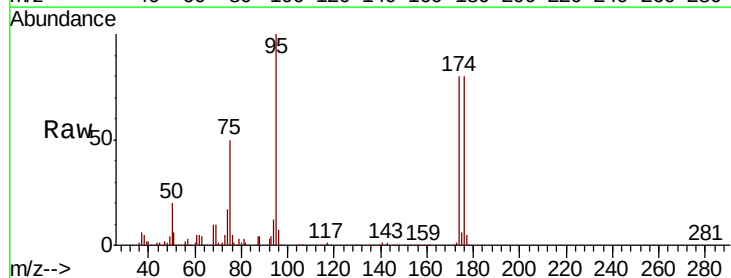
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

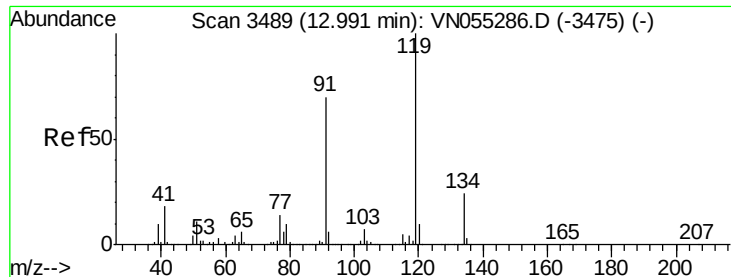
Tot Ion:105 Resp: 8987
 Ion Ratio Lower Upper
 105 100
 120 45.3 23.4 70.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 132.446 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN055387.D
 Acq: 3 May 2019 14:07

Tgt Ion: 75 Resp: 161871
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.3 129.5#
 89 0.0 34.6 51.8#

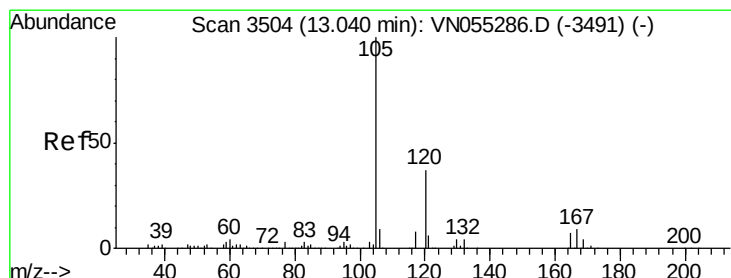
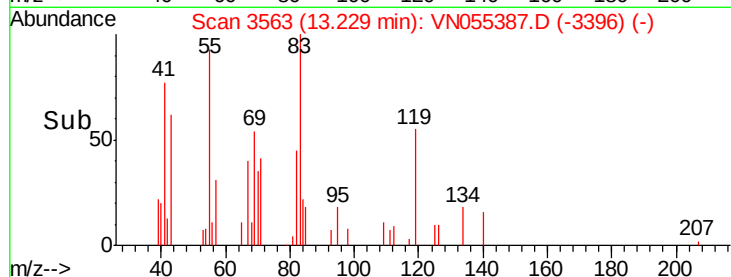
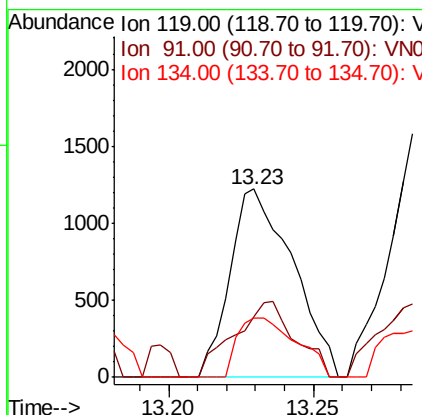
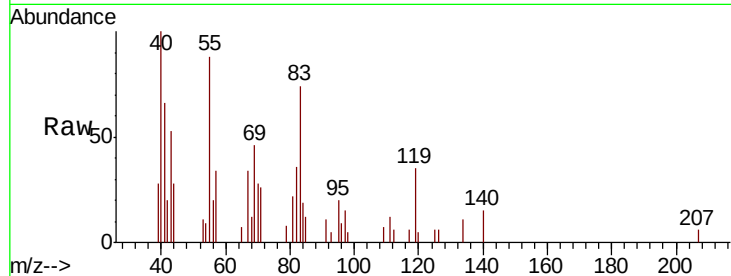




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 13.23 min Scan# 3563
 Delta R.T. 0.24 min
 Lab File: VN055387.D
 Acq: 3 May 2019 14:07

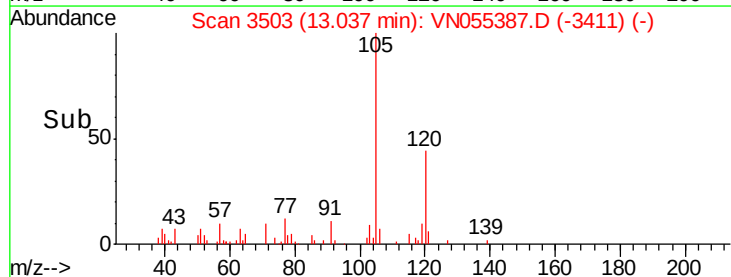
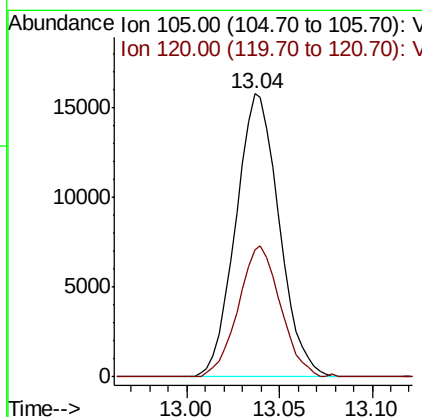
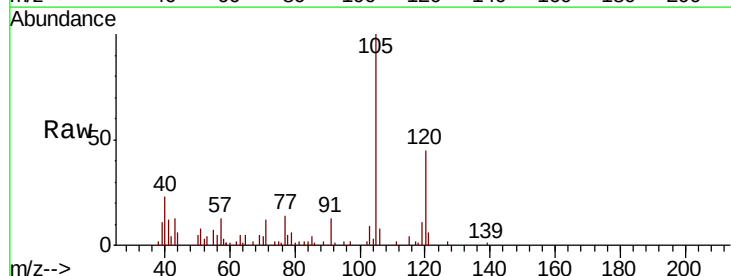
Instrument :
 MSVOA_N
 ClientSampled :
 TP-2

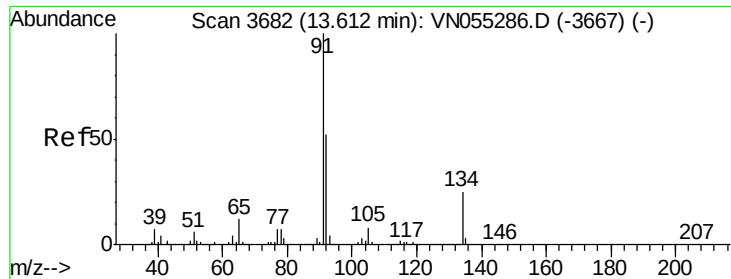
Tot Ion:119 Resp: 1839
 Ion Ratio Lower Upper
 119 100
 91 39.3 34.3 102.9
 134 29.6 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 1.579 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN055387.D
 Acq: 3 May 2019 14:07

Tgt Ion:105 Resp: 25643
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.1 66.5





#89

n-Butylbenzene

Concen: 0.391 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055387.D

Acq: 3 May 2019 14:07

Instrument :

MSVOA_N

ClientSampled :

TP-2

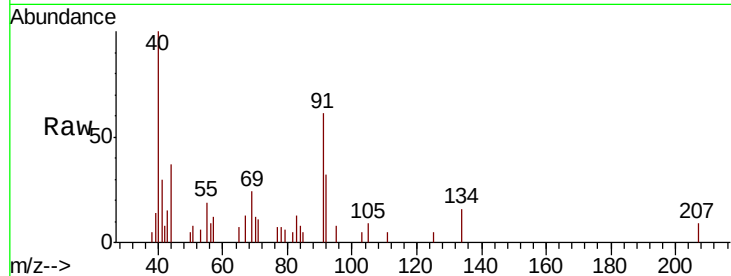
Tot Ion: 91 Resp: 4511

Ion Ratio Lower Upper

91 100

92 40.5 26.1 78.3

134 0.0 12.4 37.4#

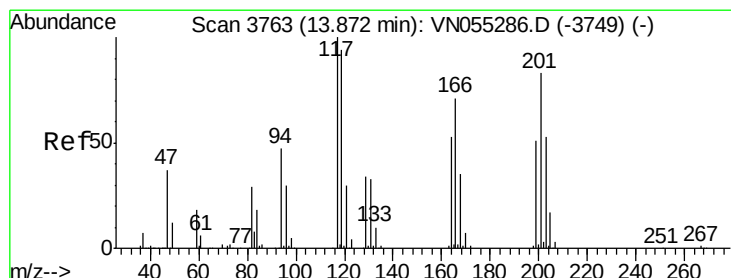
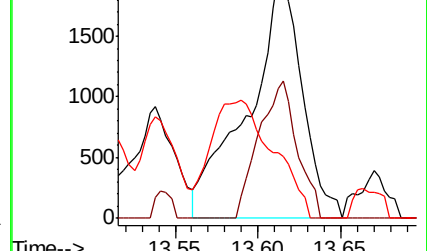
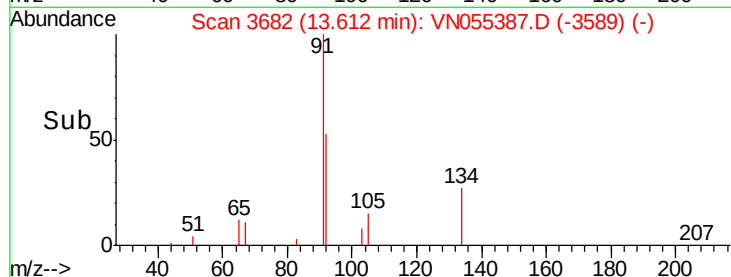


Abundance Ion 91.00 (90.70 to 91.70): VN055286.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN055286.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN055286.D (-3667) (-)

Time-->



#90

Hexachloroethane

Concen: Below Cal

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN055387.D

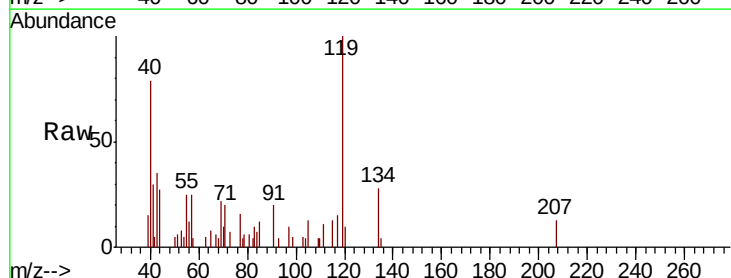
Acq: 3 May 2019 14:07

Tgt Ion: 117 Resp: 868

Ion Ratio Lower Upper

117 100

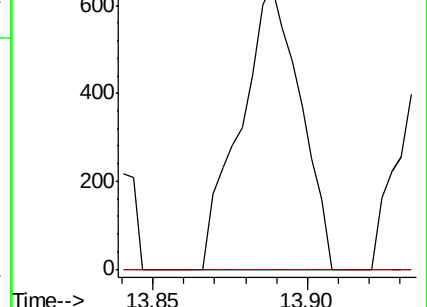
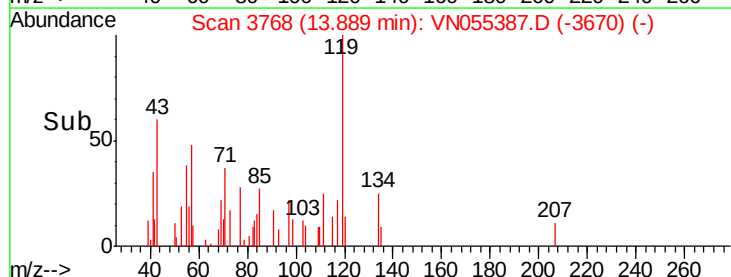
201 0.0 41.9 125.8#

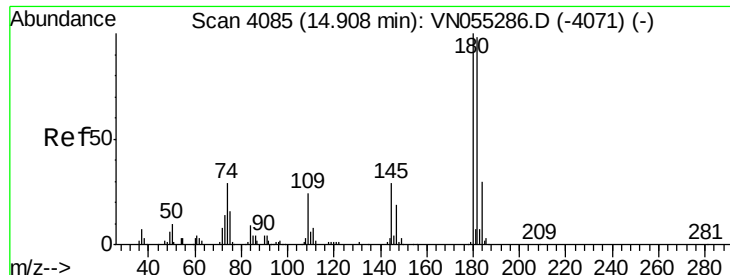


Abundance Ion 116.80 (116.50 to 117.50): VN055286.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN055286.D (-3749) (-)

Time-->

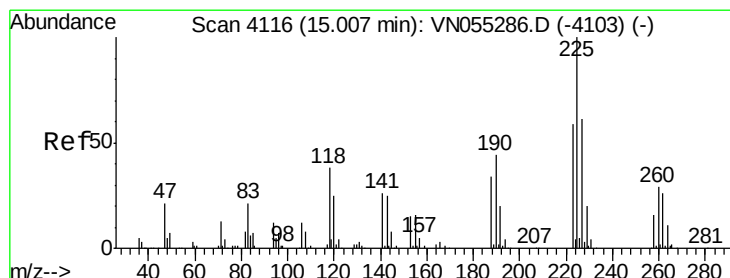
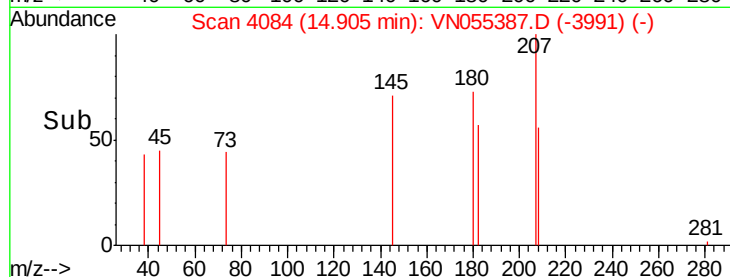
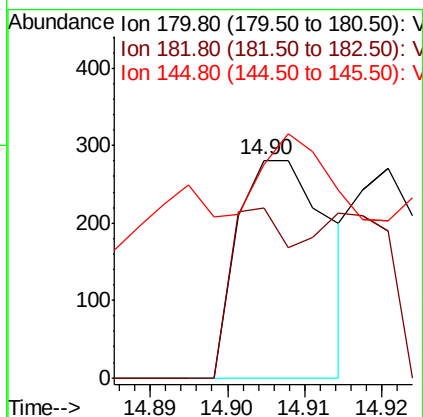
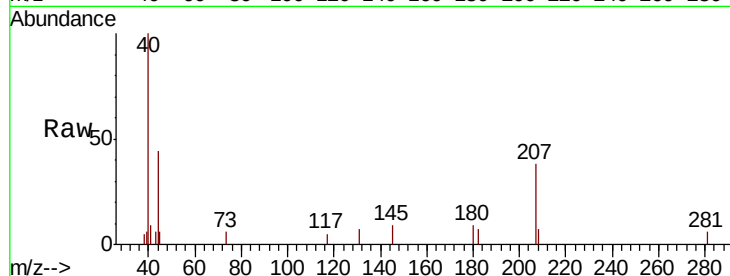




#93
 1,2,4-Trichlorobenzene
 Concen: 3.382 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN055387.D
 Acq: 3 May 2019 14:07

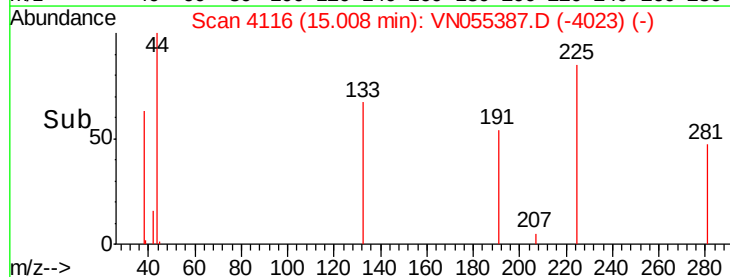
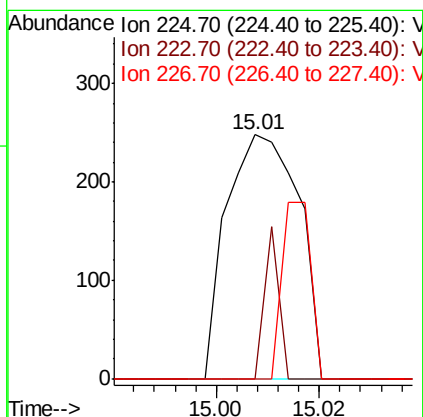
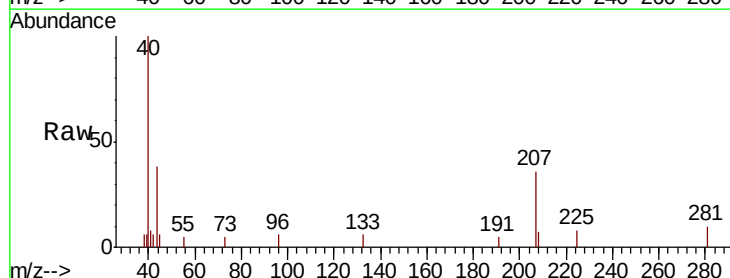
Instrument :
 MSVOA_N
 ClientSampled :
 TP-2

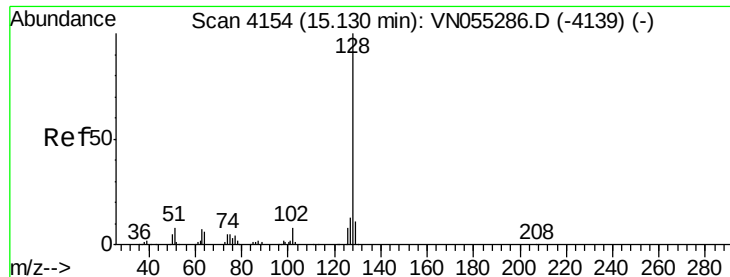
Tot Ion:180 Resp: 230
 Ion Ratio Lower Upper
 180 100
 182 50.4 48.3 144.9
 145 166.1 14.2 42.6#



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055387.D
 Acq: 3 May 2019 14:07

Tgt Ion:225 Resp: 239
 Ion Ratio Lower Upper
 225 100
 223 12.6 30.3 90.8#
 227 28.9 30.9 92.7#





#95

Naphthalene

Concen: 5.487 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055387.D

Acq: 3 May 2019 14:07

Instrument :

MSVOA_N

ClientSampled :

TP-2

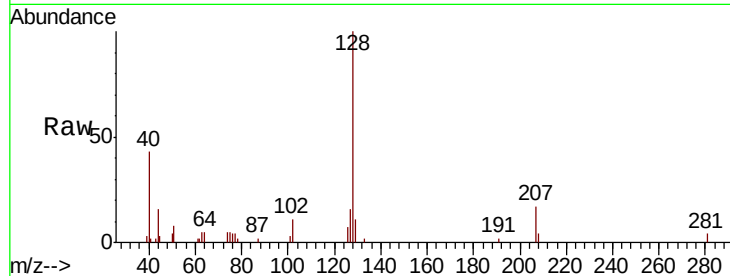
Tot Ion:128 Resp: 14887

Ion Ratio Lower Upper

128 100

127 15.5 10.7 16.1

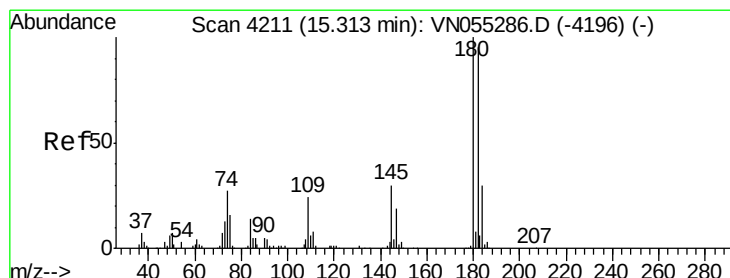
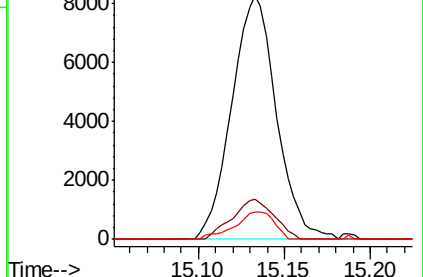
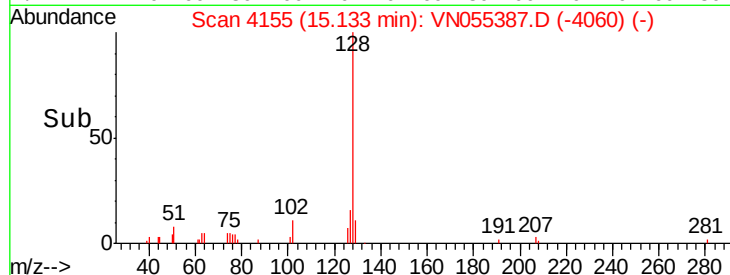
129 9.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 2.747 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN055387.D

Acq: 3 May 2019 14:07

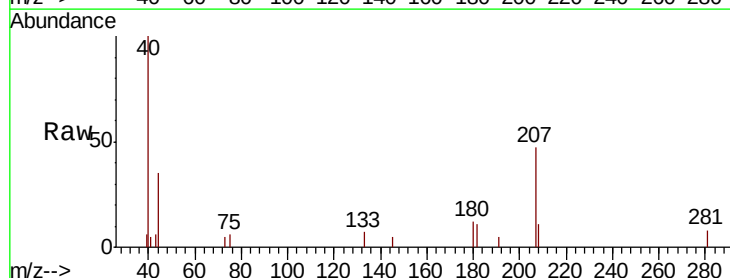
Tgt Ion:180 Resp: 422

Ion Ratio Lower Upper

180 100

182 85.8 48.3 144.9

145 23.7 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

