

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050319\
 Data File : VN055401.D
 Acq On : 3 May 2019 19:58
 Operator : JC/SP
 Sample : K2668-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3

Quant Time: May 03 23:24:54 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

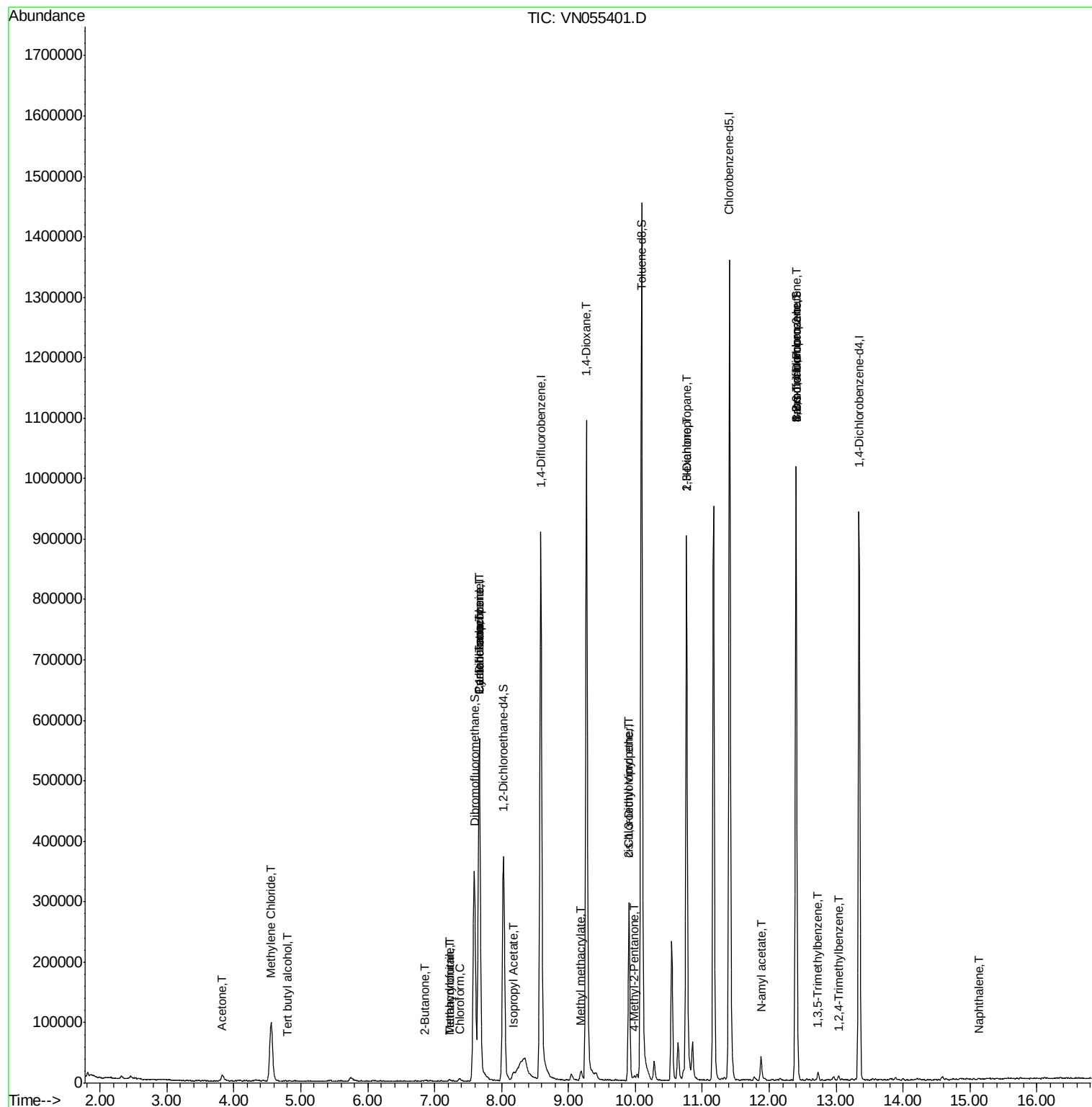
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	485512	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	847469	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	794570	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	251714	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	325008	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
35) Dibromofluoromethane	7.59	113	266869	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
50) Toluene-d8	10.09	98	1058481	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	
62) 4-Bromofluorobenzene	12.40	95	349240	55.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.26%	
Target Compounds				Qvalue		
11) Tert butyl alcohol	4.80	59	129	0.355	ug/l #	73
16) Acetone	3.82	43	17371	8.777	ug/l	89
18) Methyl Acetate	4.33	43	1892	Below Cal	#	76
20) Methylene Chloride	4.56	84	66651	11.034	ug/l	96
25) 2-Butanone	6.85	43	2772	1.095	ug/l	95
29) Tetrahydrofuran	7.22	42	1838	1.134	ug/l #	67
30) Chloroform	7.38	83	3919	0.393	ug/l	99
31) Cyclohexane	7.67	56	10192	1.020	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	36838	4.538	ug/l #	50
38) Carbon Tetrachloride	7.67	117	43619	5.570	ug/l #	17
41) Methacrylonitrile	7.21	41	843	0.987	ug/l #	47
43) Isopropyl Acetate	8.18	43	19836	1.984	ug/l #	79
48) Methyl methacrylate	9.18	41	6722	1.368	ug/l #	18
49) 1,4-Dioxane	9.27	88	30	0.590	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	4646	0.825	ug/l	96
54) cis-1,3-Dichloropropene	9.90	75	47310	5.401	ug/l #	67
57) 1,3-Dichloropropane	10.77	76	9070	1.014	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.91	63	167	12.486	ug/l #	52
59) 2-Hexanone	10.76	43	153738	43.650	ug/l #	52
71) Bromoform	12.40	173	2621	0.777	ug/l #	1
73) Isopropylbenzene	12.25	105	29	Below Cal	#	49
74) N-amyl acetate	11.88	43	14135	2.188	ug/l #	58
76) 1,2,3-Trichloropropane	12.40	75	180971	38.079	ug/l #	100
79) 2-Chlorotoluene	12.67	91	64	Below Cal	#	42
80) 1,3,5-Trimethylbenzene	12.73	105	5774	0.293	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	180971	136.247	ug/l #	7
83) tert-Butylbenzene	13.03	119	592	Below Cal	#	67
84) 1,2,4-Trimethylbenzene	13.04	105	4123	0.234	ug/l	90
90) Hexachloroethane	13.89	117	221	Below Cal	#	7
95) Naphthalene	15.14	128	1415	3.517	ug/l #	77

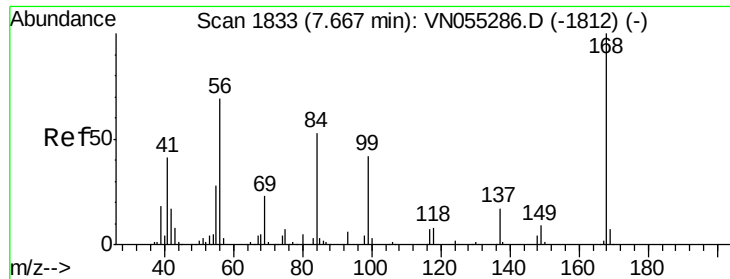
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055401.D

Acq: 3 May 2019 19:58

Instrument :

MSVOA_N

ClientSampled :

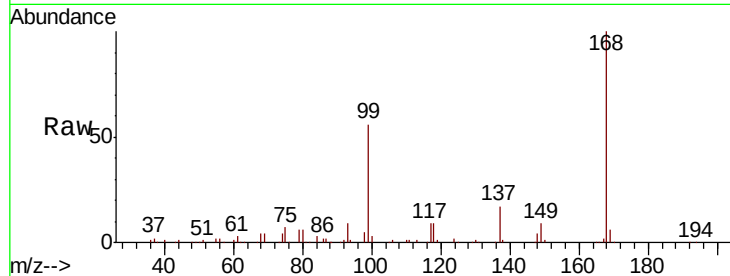
TP-3

Tot Ion:168 Resp: 485512

Ion Ratio Lower Upper

168 100

99 55.9 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): VN055401.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN055401.D (-1740) (-)

7.67

200000

150000

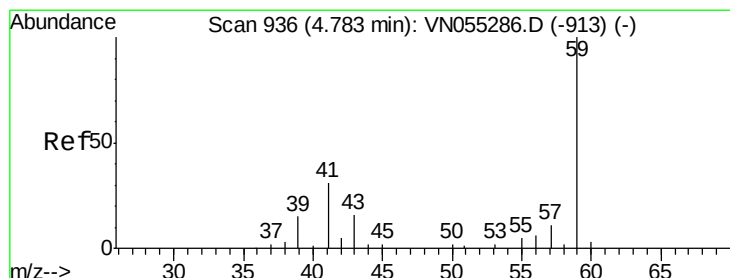
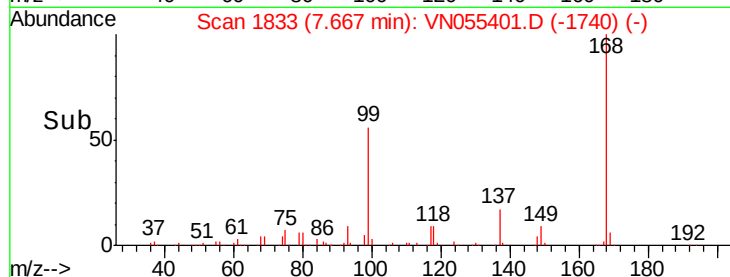
100000

50000

0

7.60 7.70 7.80

Time-->



#11

Tert butyl alcohol

Concen: 0.355 ug/l

RT: 4.80 min Scan# 940

Delta R.T. 0.01 min

Lab File: VN055401.D

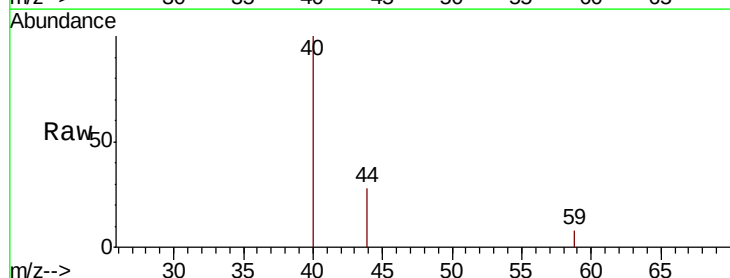
Acq: 3 May 2019 19:58

Tgt Ion: 59 Resp: 129

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VN055401.D (-843) (-)

Ion 57.00 (56.70 to 57.70): VN055401.D (-843) (-)

4.80

200

150

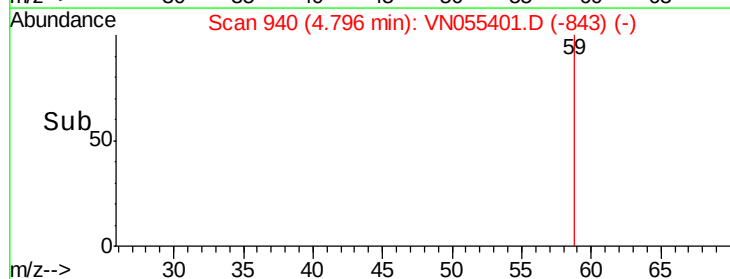
100

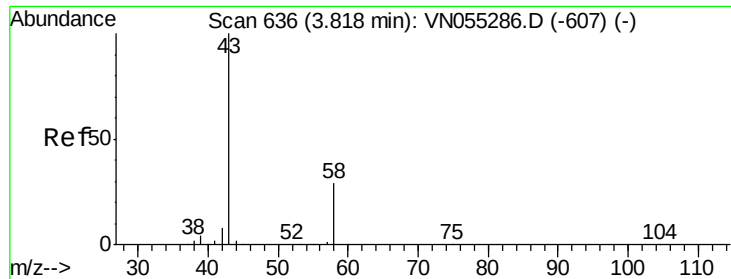
50

0

4.77 4.78 4.79 4.80 4.81

Time-->





#16

Acetone

Concen: 8.777 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN055401.D

Acq: 3 May 2019 19:58

Instrument :

MSVOA_N

ClientSampled :

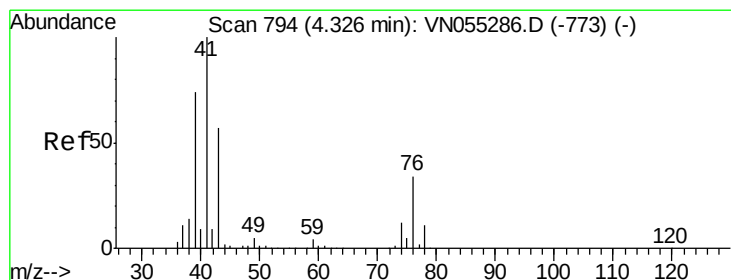
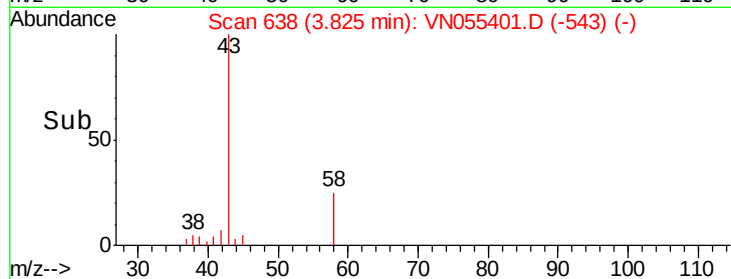
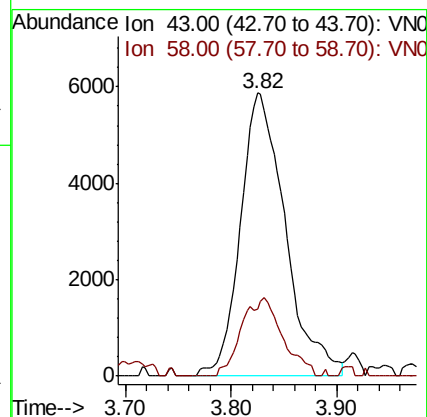
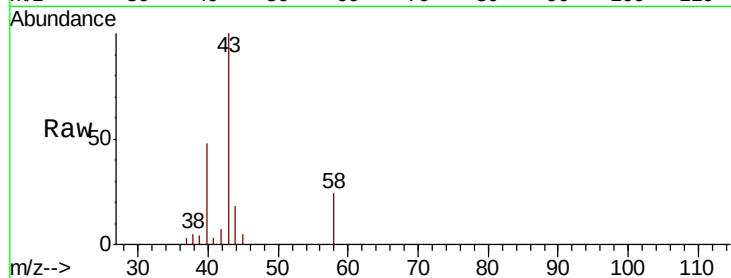
TP-3

Tot Ion: 43 Resp: 17371

Ion Ratio Lower Upper

43 100

58 23.8 23.6 35.4



#18

Methyl Acetate

Concen: Below Cal

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN055401.D

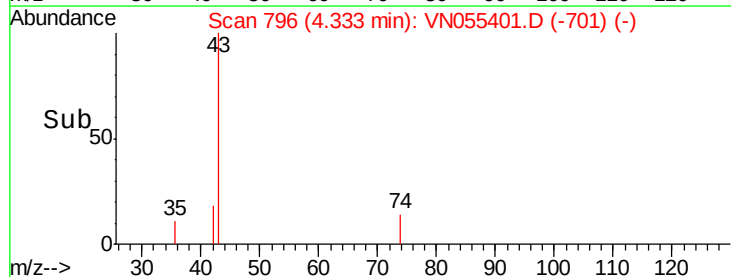
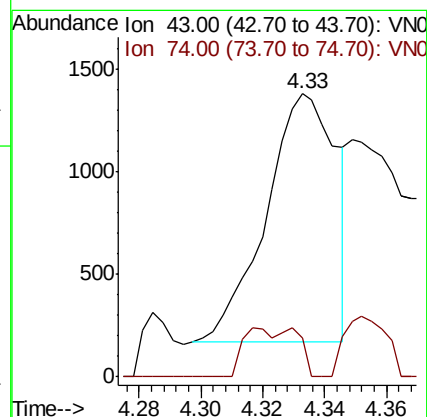
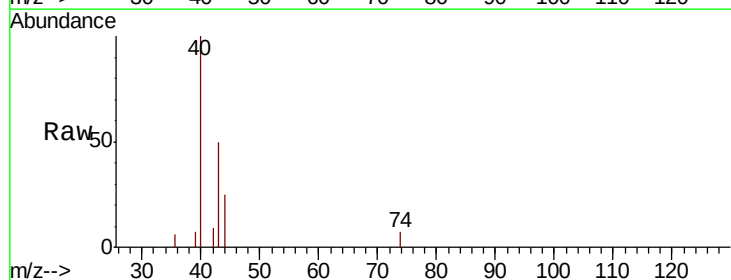
Acq: 3 May 2019 19:58

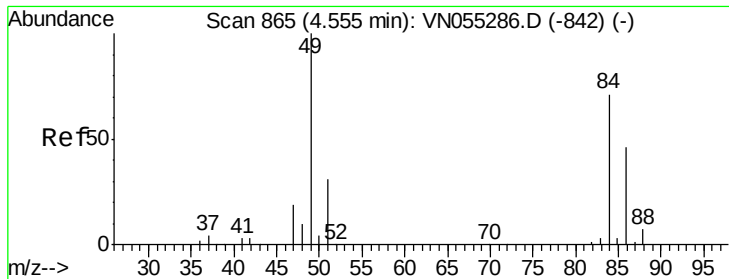
Tgt Ion: 43 Resp: 1892

Ion Ratio Lower Upper

43 100

74 8.7 15.8 23.8#

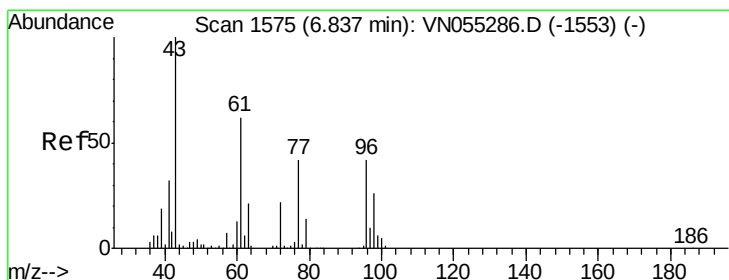
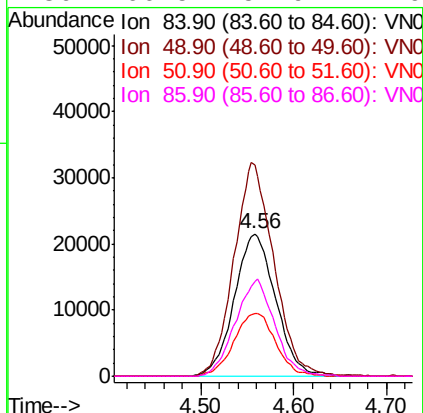
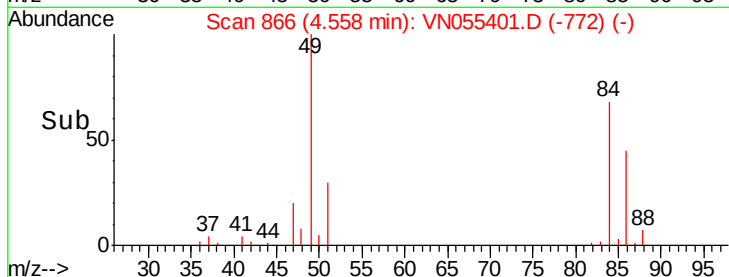
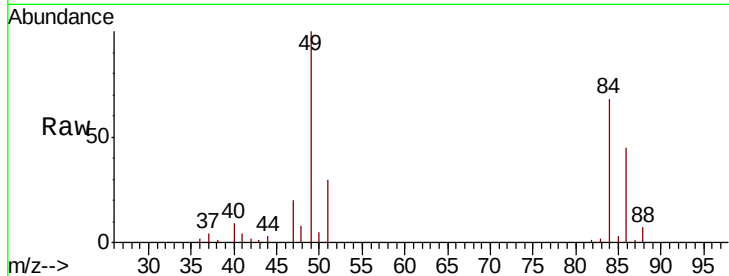




#20
Methvlene Chloride
Concen: 11.034 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN055401.D
Acq: 3 May 2019 19:58

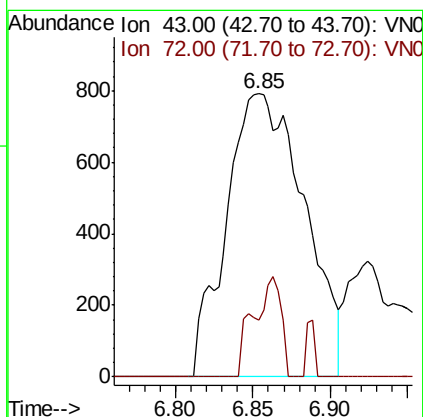
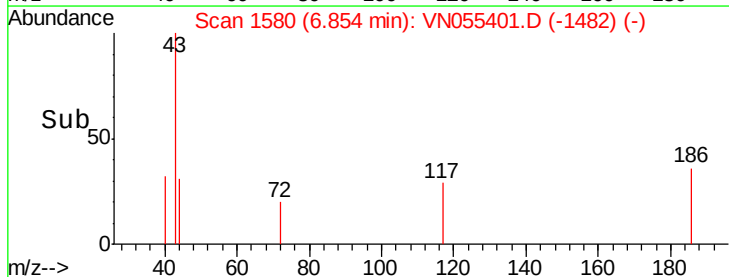
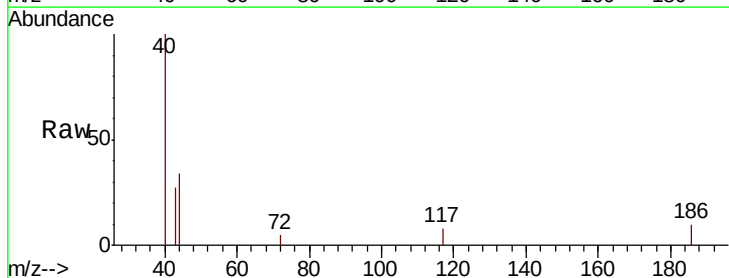
Instrument :
MSVOA_N
ClientSampled :
TP-3

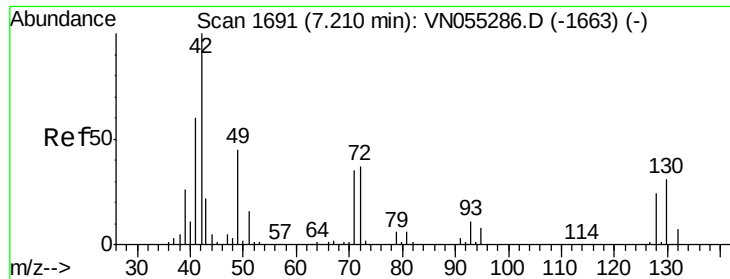
Tot Ion: 84 Resp: 66651
Ion Ratio Lower Upper
84 100
49 147.9 112.4 168.6
51 44.1 34.6 51.8
86 66.5 51.9 77.9



#25
2-Butanone
Concen: 1.095 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.02 min
Lab File: VN055401.D
Acq: 3 May 2019 19:58

Tgt Ion: 43 Resp: 2772
Ion Ratio Lower Upper
43 100
72 20.0 18.0 27.0

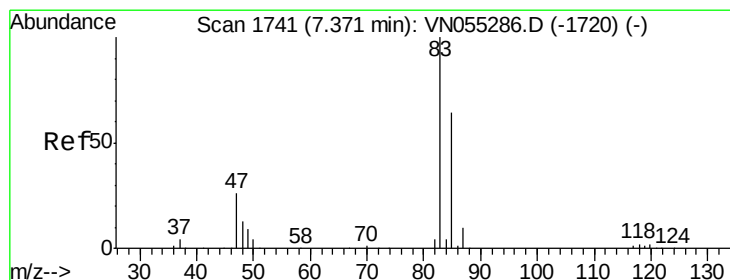
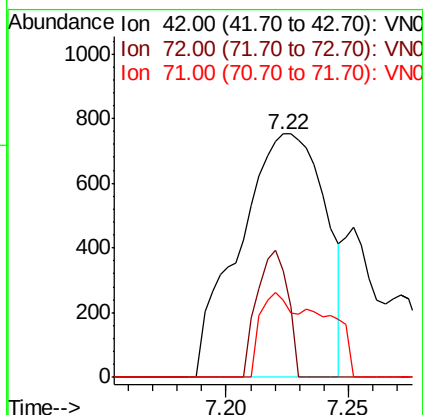
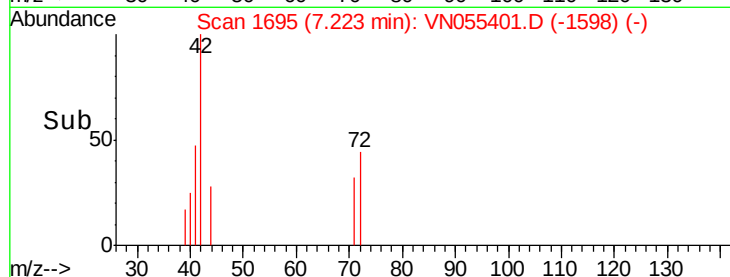
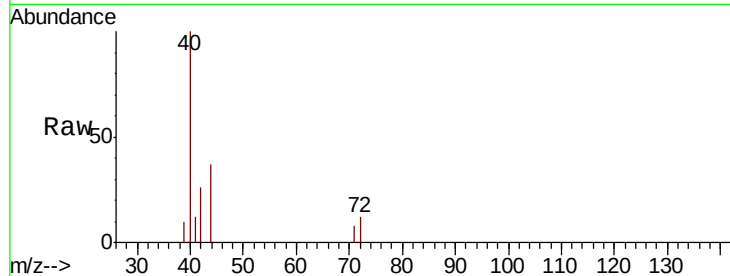




#29
Tetrahydrofuran
Concen: 1.134 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.01 min
Lab File: VN055401.D
Acq: 3 May 2019 19:58

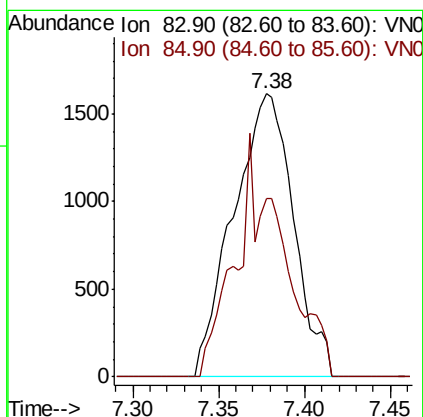
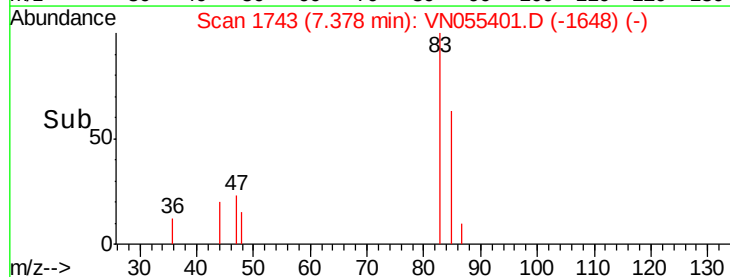
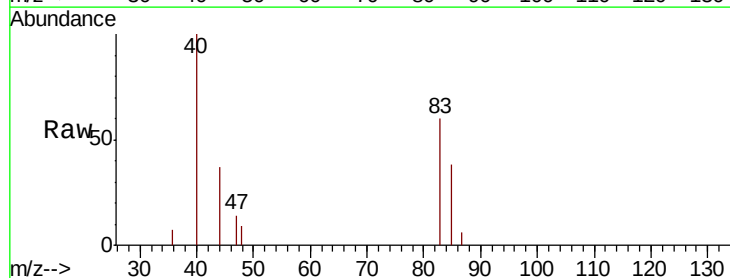
Instrument :
MSVOA_N
ClientSampled :
TP-3

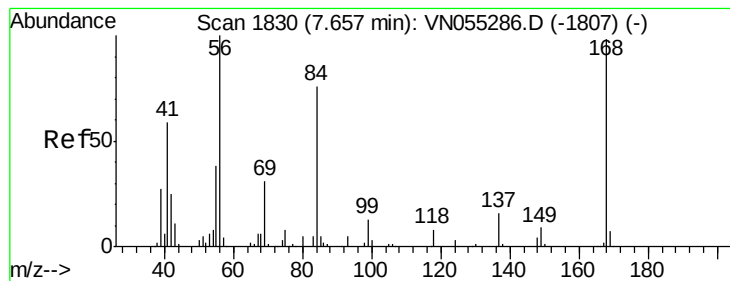
Tot Ion: 42 Resp: 1838
Ion Ratio Lower Upper
42 100
72 18.4 29.0 43.6#
71 13.9 27.1 40.7#



#30
Chloroform
Concen: 0.393 ug/l
RT: 7.38 min Scan# 1743
Delta R.T. 0.01 min
Lab File: VN055401.D
Acq: 3 May 2019 19:58

Tgt Ion: 83 Resp: 3919
Ion Ratio Lower Upper
83 100
85 63.2 51.4 77.2





#31

Cyclohexane

Concen: 1.020 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN055401.D

Acq: 3 May 2019 19:58

Instrument :

MSVOA_N

ClientSampled :

TP-3

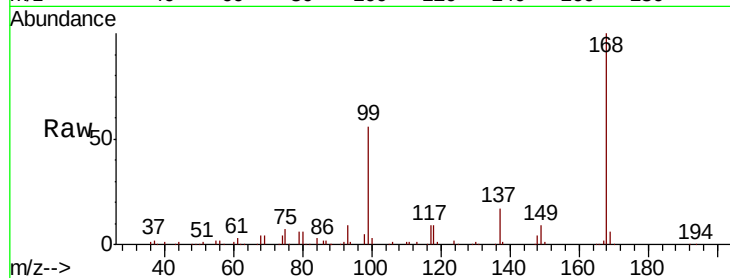
Tot Ion: 56 Resp: 10192

Ion Ratio Lower Upper

56 100

69 169.6 25.2 37.8#

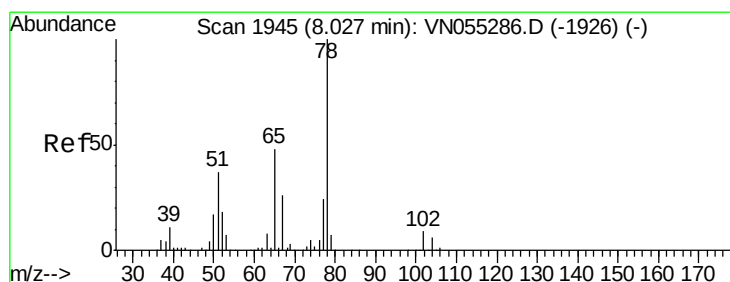
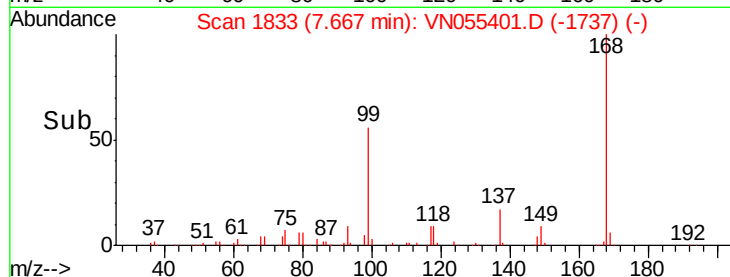
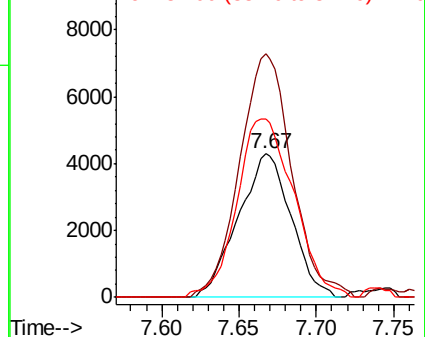
84 120.7 61.1 91.7#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 51.170 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055401.D

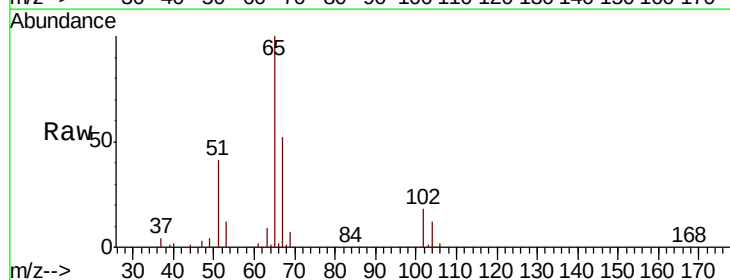
Acq: 3 May 2019 19:58

Tgt Ion: 65 Resp: 325008

Ion Ratio Lower Upper

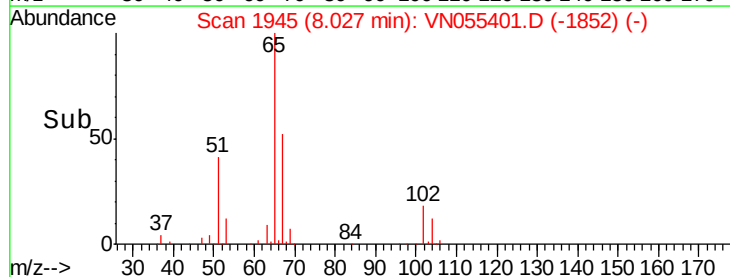
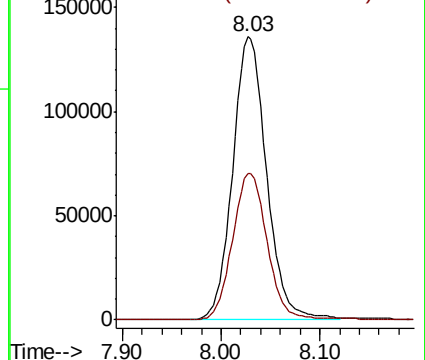
65 100

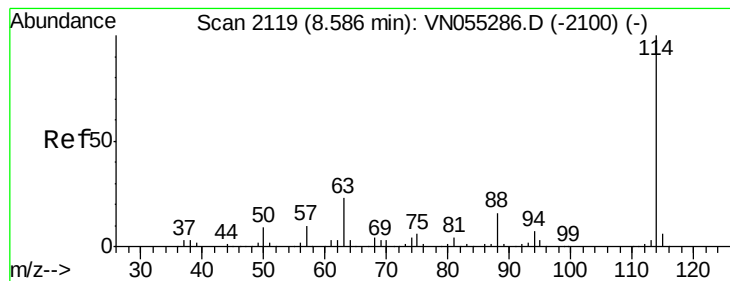
67 53.3 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055401.D

Acq: 3 May 2019 19:58

Instrument :

MSVOA_N

ClientSampleId :

TP-3

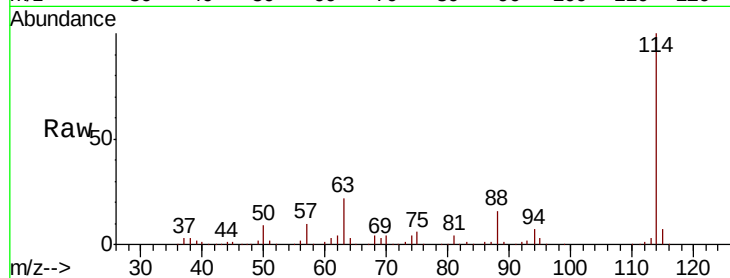
Tot Ion:114 Resp: 847469

Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.2

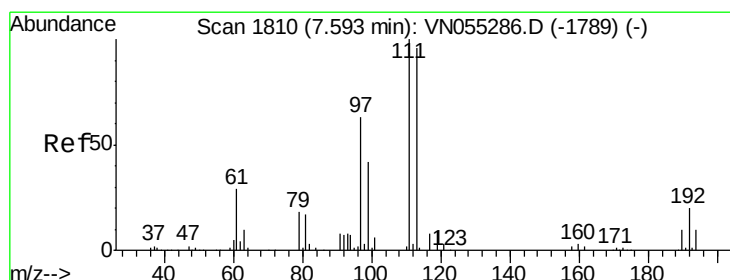
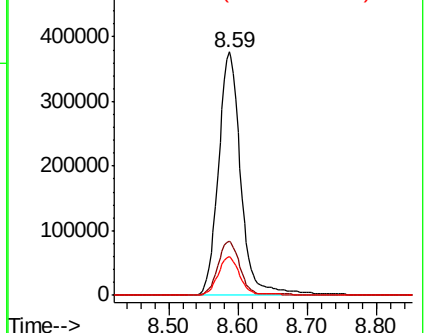
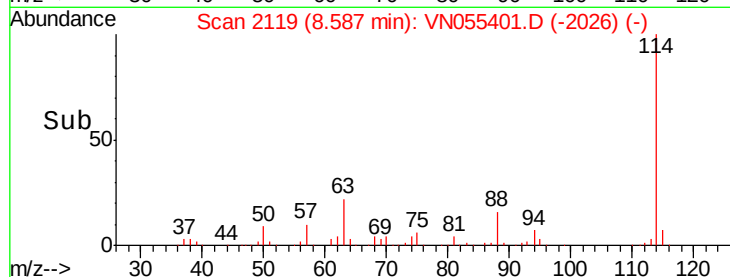
88 15.9 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 47.976 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055401.D

Acq: 3 May 2019 19:58

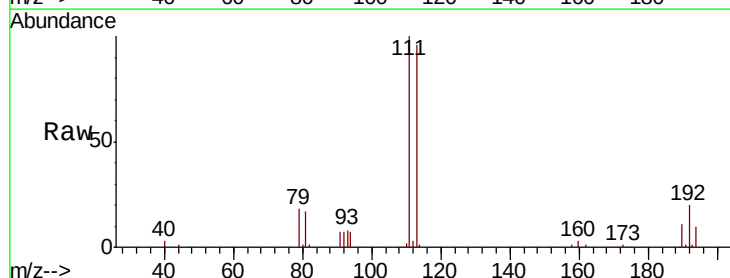
Tgt Ion:113 Resp: 266869

Ion Ratio Lower Upper

113 100

111 103.7 82.3 123.5

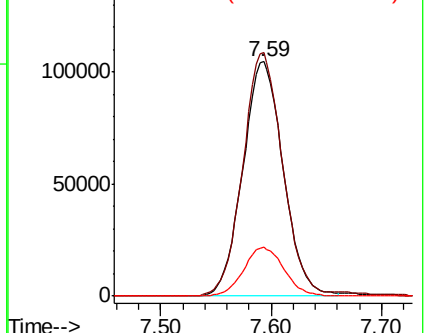
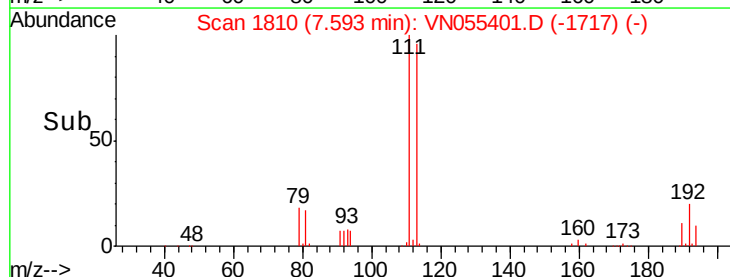
192 20.8 17.0 25.6

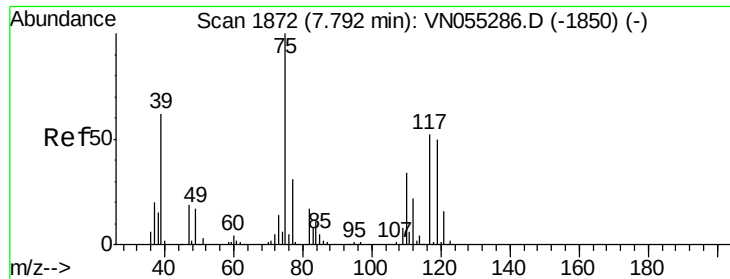


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

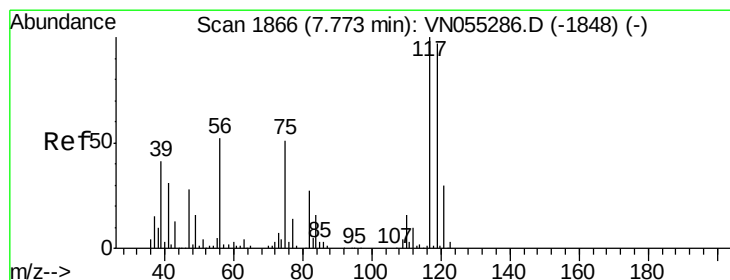
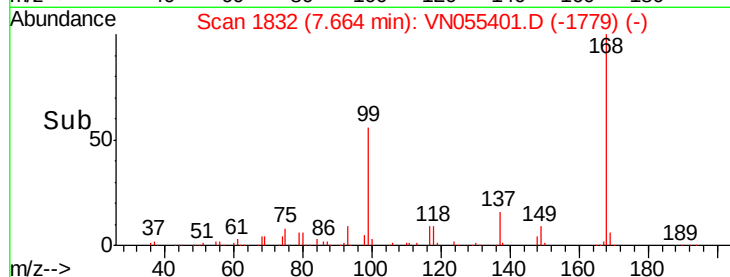
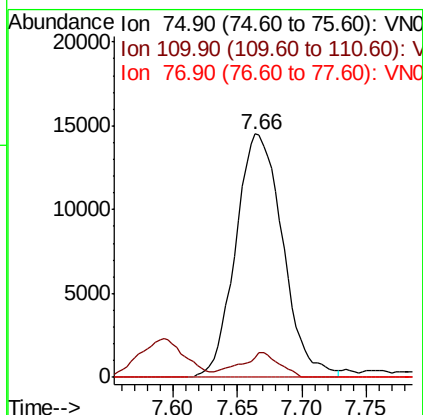
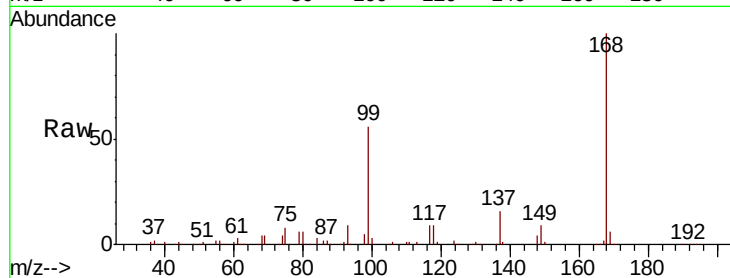




#36
 1,1-Dichloropropene
 Concen: 4.538 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN055401.D
 Acq: 3 May 2019 19:58

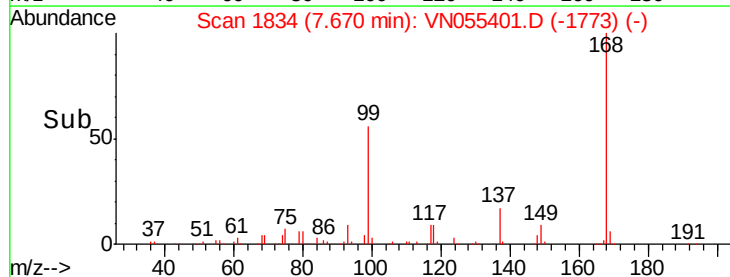
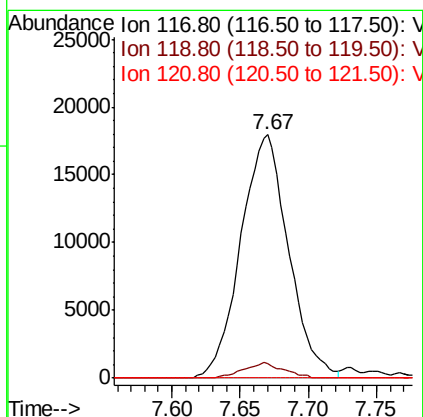
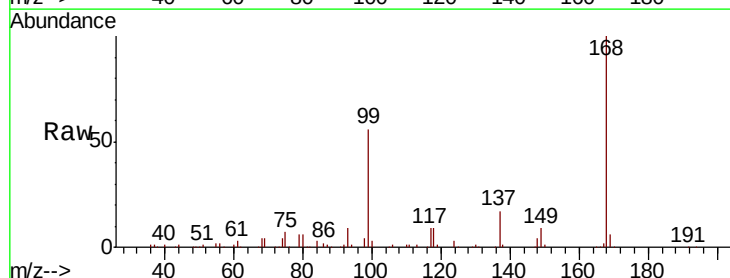
Instrument :
 MSVOA_N
 ClientSampled :
 TP-3

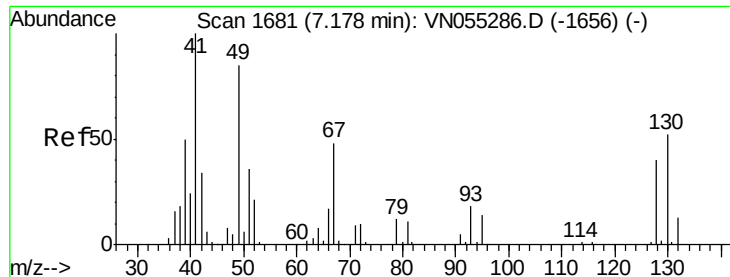
Tot Ion	75	Resp	36838
Ion Ratio	Lower	Upper	
75	100		
110	8.5	16.8	50.4#
77	0.0	25.0	37.6#



#38
 Carbon Tetrachloride
 Concen: 5.570 ug/l
 RT: 7.67 min Scan# 1834
 Delta R.T. -0.10 min
 Lab File: VN055401.D
 Acq: 3 May 2019 19:58

Tgt Ion	117	Resp	43619
Ion Ratio	Lower	Upper	
117	100		
119	6.1	77.0	115.6#
121	0.0	23.8	35.8#

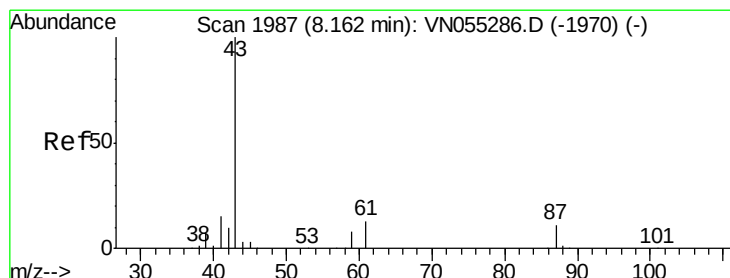
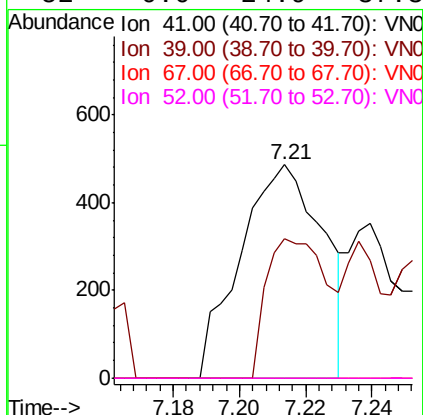
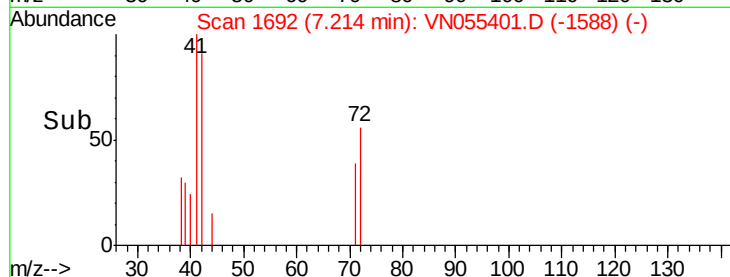
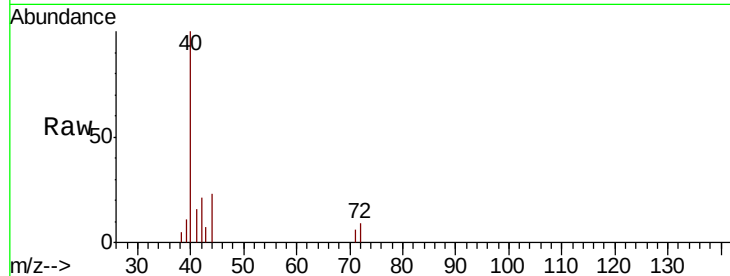




#41
Methacrylonitrile
Concen: 0.987 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.04 min
Lab File: VN055401.D
Acq: 3 May 2019 19:58

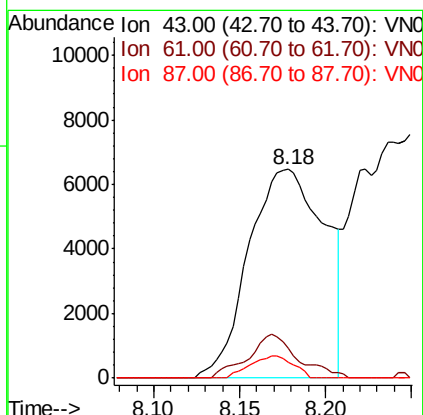
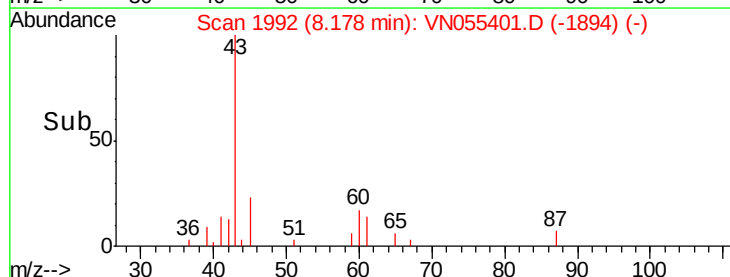
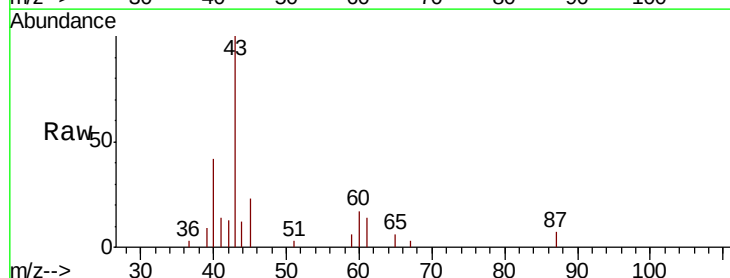
Instrument :
MSVOA_N
ClientSampled :
TP-3

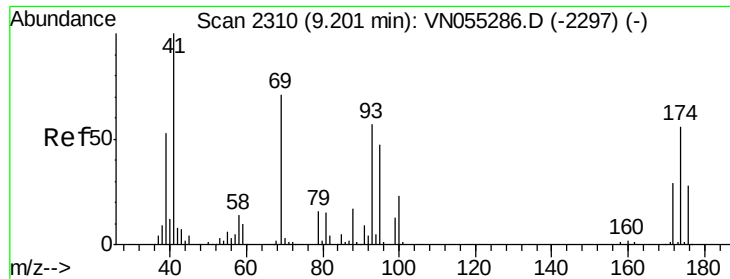
Tot Ion: 41 Resp: 843
Ion Ratio Lower Upper
41 100
39 48.3 48.5 72.7#
67 0.0 54.9 82.3#
52 0.0 24.9 37.3#



#43
Isopropyl Acetate
Concen: 1.984 ug/l
RT: 8.18 min Scan# 1992
Delta R.T. 0.02 min
Lab File: VN055401.D
Acq: 3 May 2019 19:58

Tgt Ion: 43 Resp: 19836
Ion Ratio Lower Upper
43 100
61 13.8 20.8 31.2#
87 5.9 8.5 12.7#

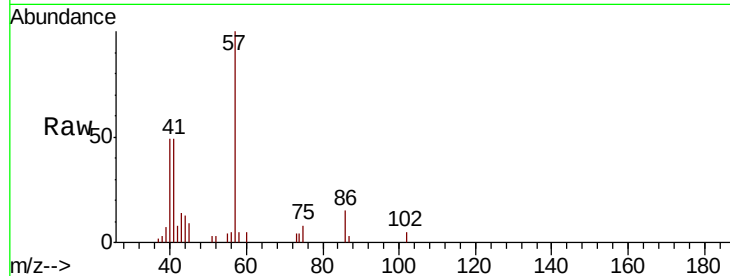




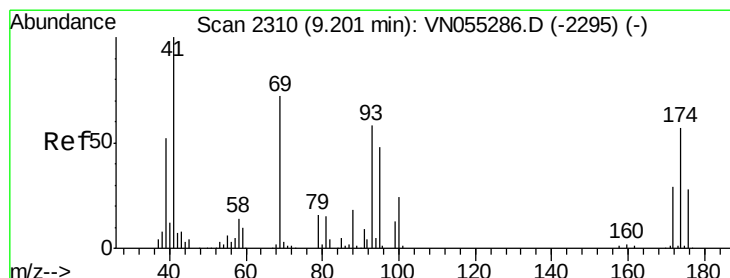
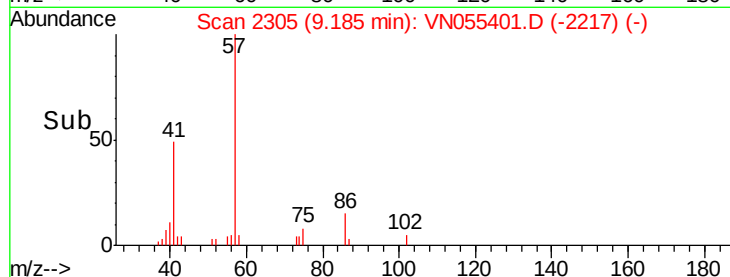
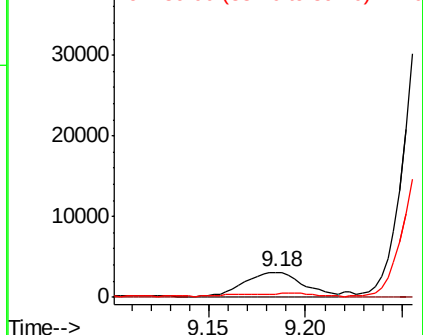
#48
Methyl methacrylate
Concen: 1.368 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN055401.D
Acq: 3 May 2019 19:58

Instrument :
MSVOA_N
ClientSampled :
TP-3

Tot Ion: 41 Resp: 6722
Ion Ratio Lower Upper
41 100
69 0.0 58.6 87.8#
39 0.0 43.8 65.6#

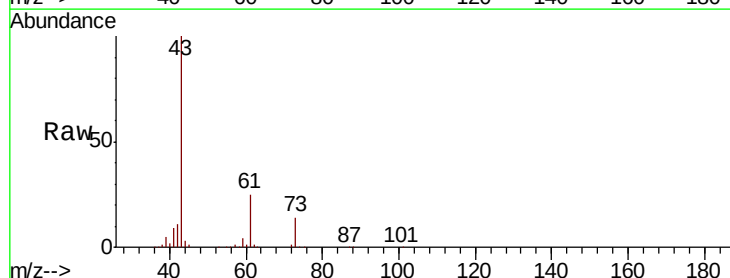


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

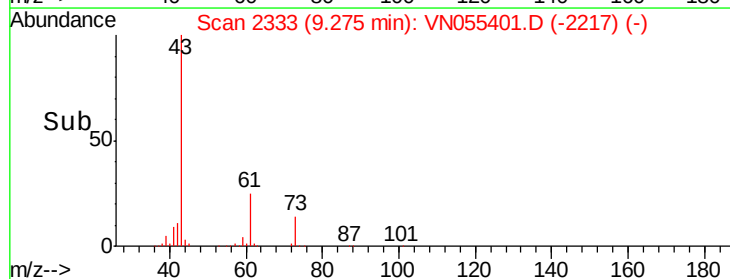
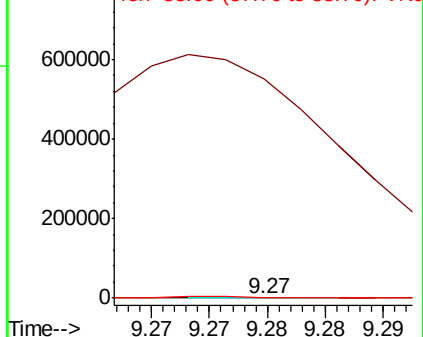


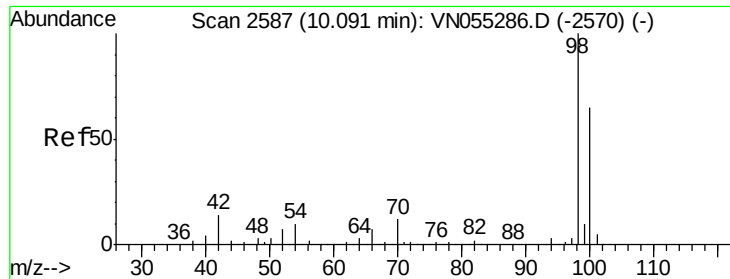
#49
1,4-Dioxane
Concen: 0.590 ug/l
RT: 9.27 min Scan# 2333
Delta R.T. 0.07 min
Lab File: VN055401.D
Acq: 3 May 2019 19:58

Tgt Ion: 88 Resp: 30
Ion Ratio Lower Upper
88 100
43 4022836.7 33.3 49.9#
58 17183.3 62.7 94.1#



Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0





#50

Toluene-d8

Concen: 52.699 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055401.D

Acq: 3 May 2019 19:58

Instrument :

MSVOA_N

ClientSampled :

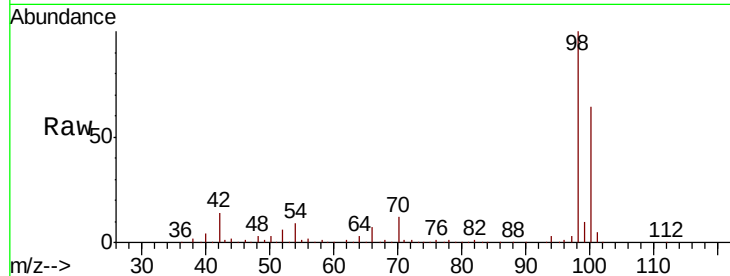
TP-3

Tot Ion: 98 Resp: 1058481

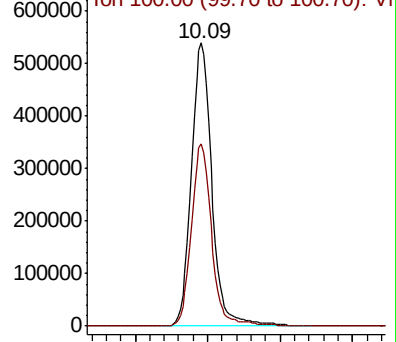
Ion Ratio Lower Upper

98 100

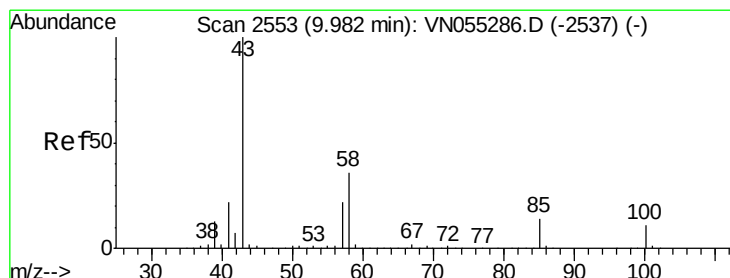
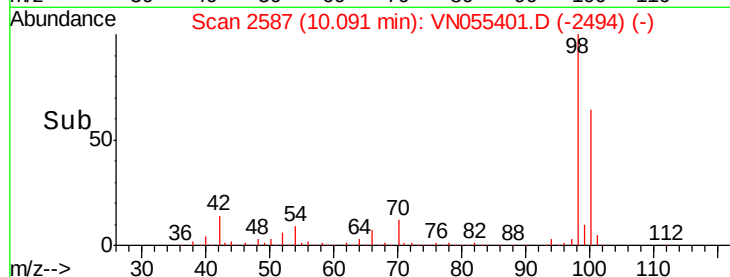
100 63.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN055286.D (-2570) (-)



Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.825 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN055401.D

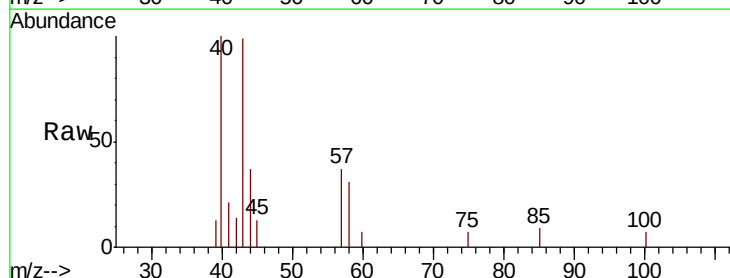
Acq: 3 May 2019 19:58

Tgt Ion: 43 Resp: 4646

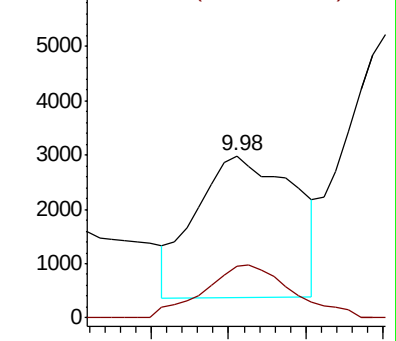
Ion Ratio Lower Upper

43 100

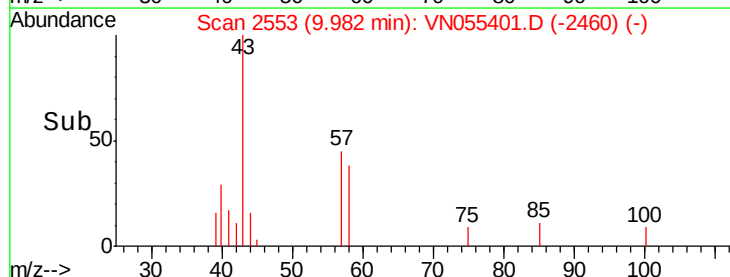
58 33.1 28.5 42.7

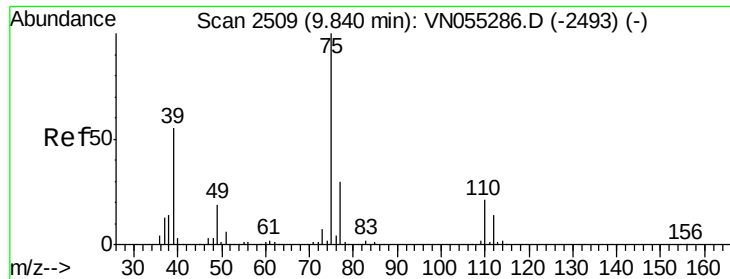


Abundance Ion 43.00 (42.70 to 43.70): VN055286.D (-2537) (-)



Time-->





#54

cis-1,3-Dichloropropene

Concen: 5.401 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN055401.D

Acq: 3 May 2019 19:58

Instrument :

MSVOA_N

ClientSampleId :

TP-3

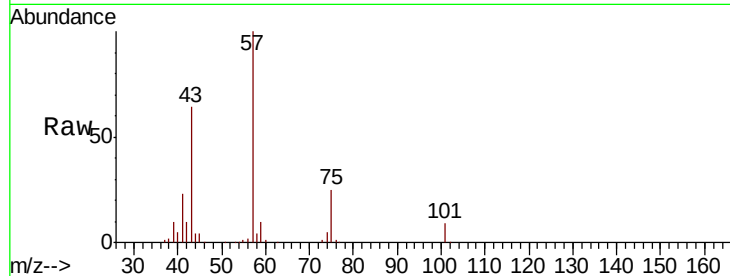
Tot Ion: 75 Resp: 47310

Ion Ratio Lower Upper

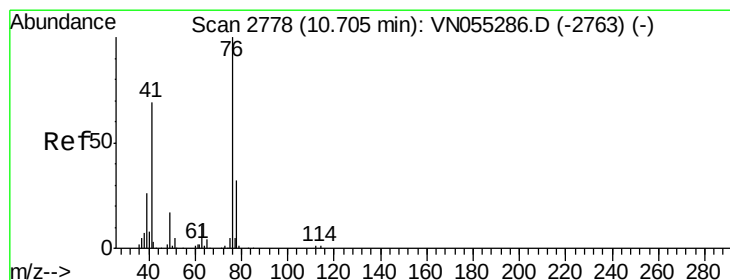
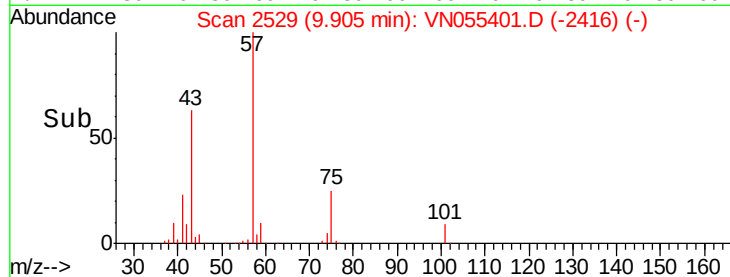
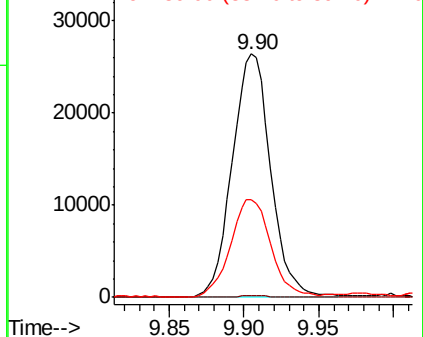
75 100

77 0.6 24.2 36.2#

39 40.0 44.2 66.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 76.90 (76.60 to 77.60): VN0
Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 1.014 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.06 min

Lab File: VN055401.D

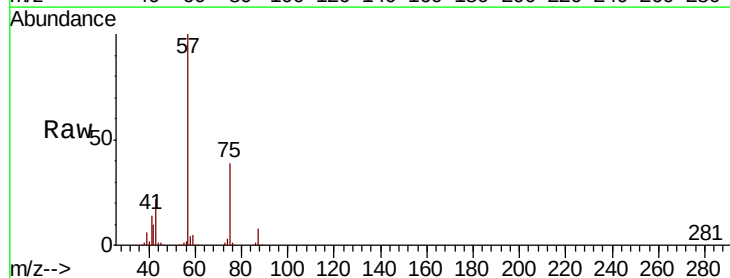
Acq: 3 May 2019 19:58

Tgt Ion: 76 Resp: 9070

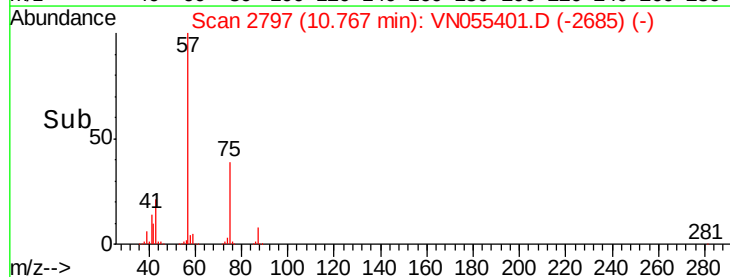
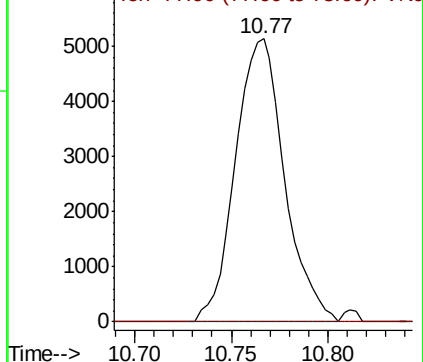
Ion Ratio Lower Upper

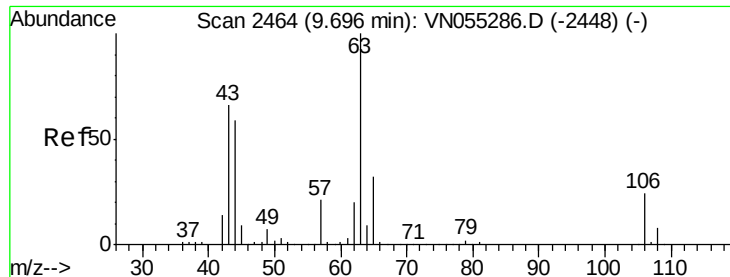
76 100

78 0.0 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0
Ion 77.90 (77.60 to 78.60): VN0

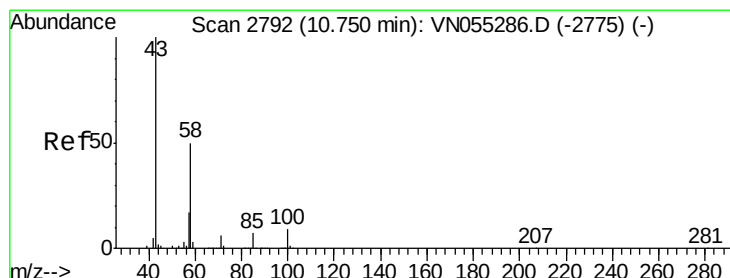
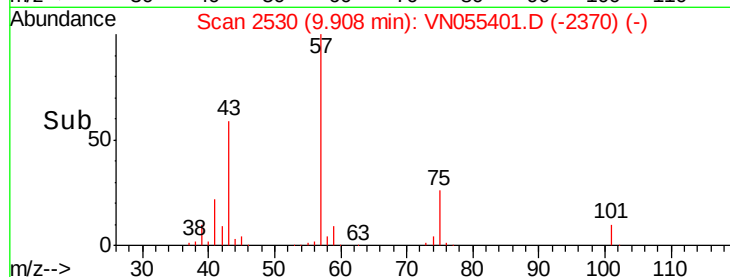
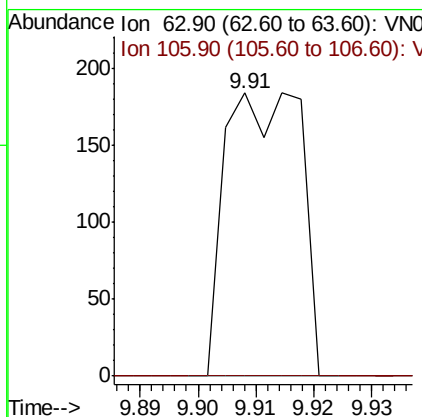
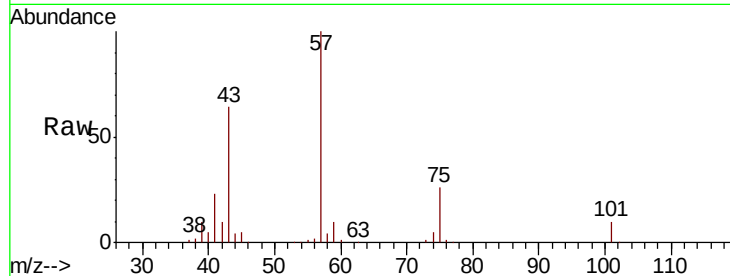




#58
 2-Chloroethyl Vinyl ether
 Concen: 12.486 ug/l
 RT: 9.91 min Scan# 2530
 Delta R.T. 0.21 min
 Lab File: VN055401.D
 Acq: 3 May 2019 19:58

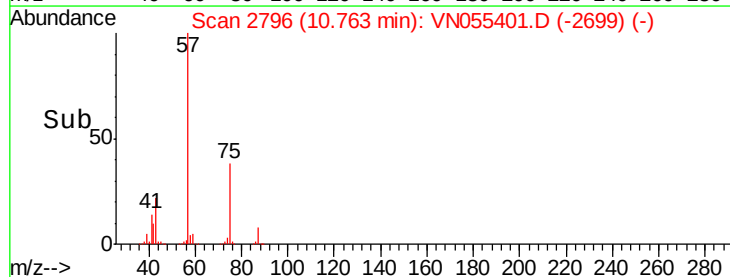
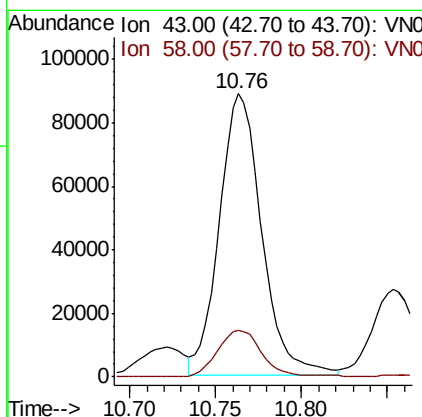
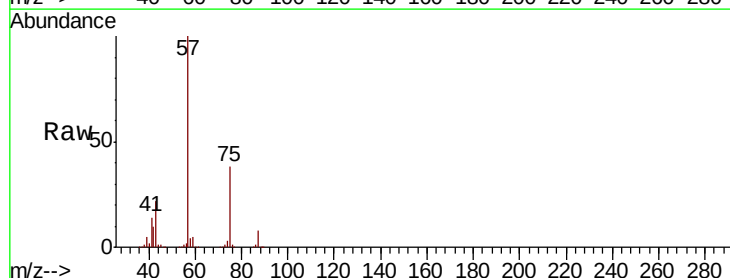
Instrument :
 MSVOA_N
 ClientSampled :
 TP-3

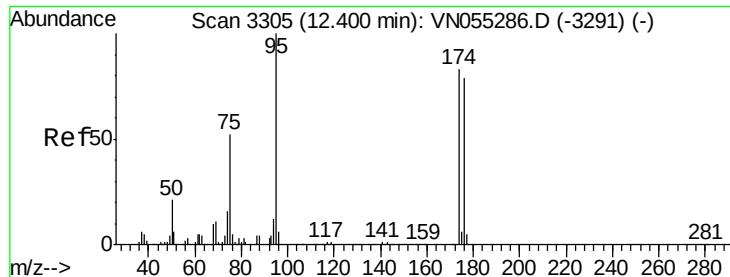
Tot Ion: 63 Resp: 167
 Ion Ratio Lower Upper
 63 100
 106 0.0 19.0 28.4#



#59
 2-Hexanone
 Concen: 43.650 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN055401.D
 Acq: 3 May 2019 19:58

Tgt Ion: 43 Resp: 153738
 Ion Ratio Lower Upper
 43 100
 58 17.0 24.9 74.6#





#62

4-Bromofluorobenzene

Concen: 55.634 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055401.D

Acq: 3 May 2019 19:58

Instrument :

MSVOA_N

ClientSampled :

TP-3

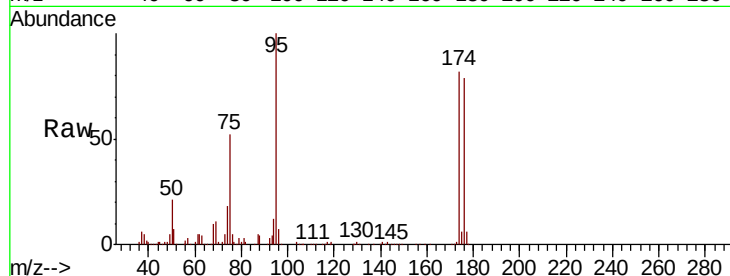
Tot Ion: 95 Resp: 349240

Ion Ratio Lower Upper

95 100

174 83.0 0.0 166.6

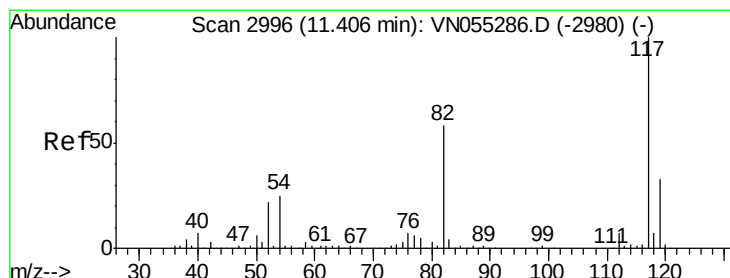
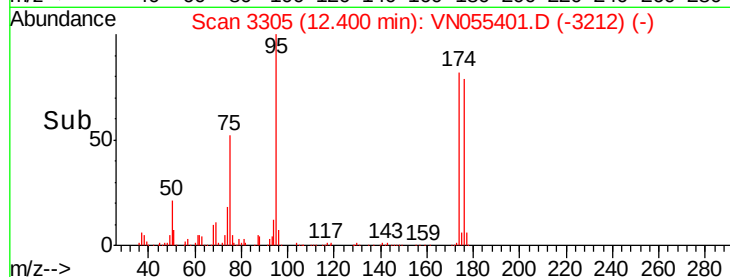
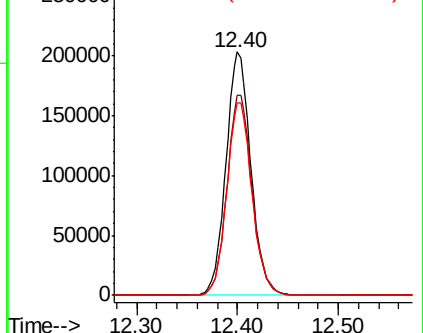
176 80.4 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055401.D

Acq: 3 May 2019 19:58

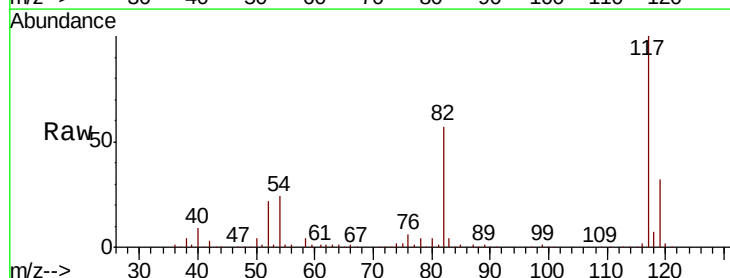
Tgt Ion: 117 Resp: 794570

Ion Ratio Lower Upper

117 100

82 57.2 46.2 69.4

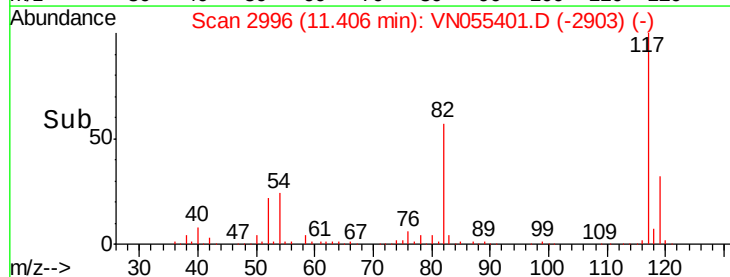
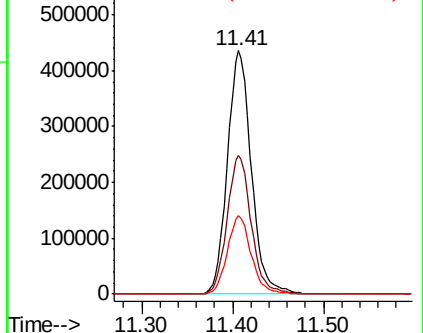
119 32.1 26.6 40.0

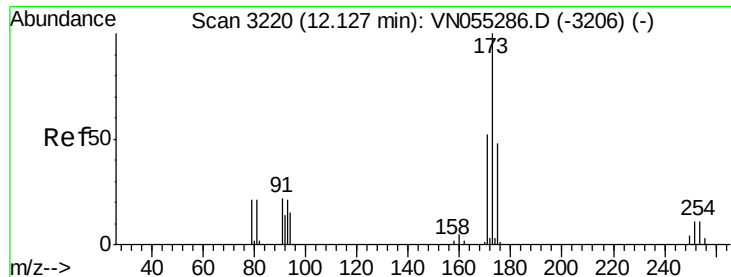


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#71

Bromoform

Concen: 0.777 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN055401.D

Acq: 3 May 2019 19:58

Instrument :

MSVOA_N

ClientSampleId :

TP-3

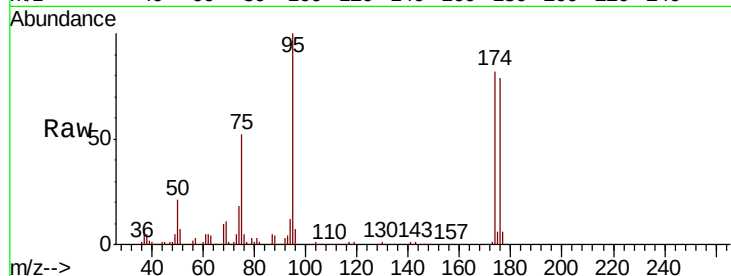
Tot Ion:173 Resp: 2621

Ion Ratio Lower Upper

173 100

175 731.9 23.6 71.0#

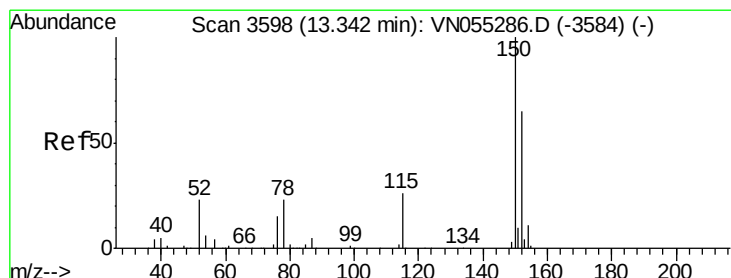
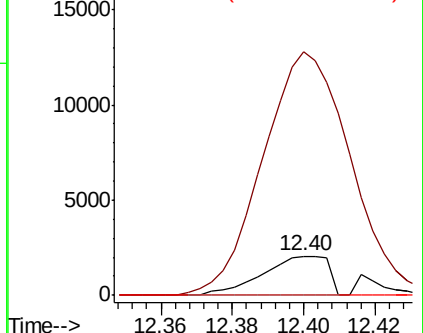
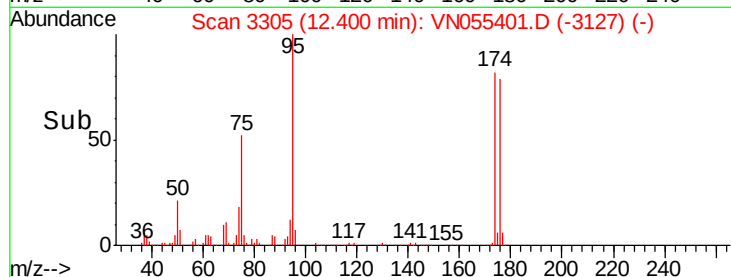
254 0.0 0.0 0.0



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: VN055401.D

Acq: 3 May 2019 19:58

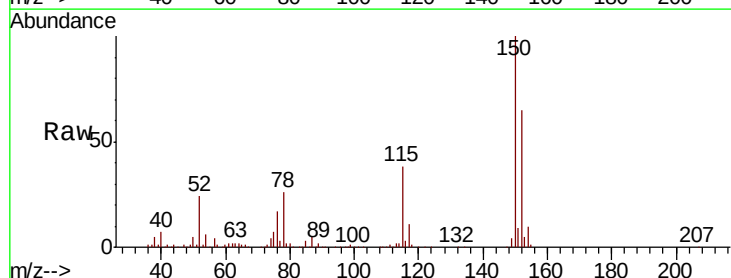
Tgt Ion:152 Resp: 251714

Ion Ratio Lower Upper

152 100

115 59.2 29.0 87.0

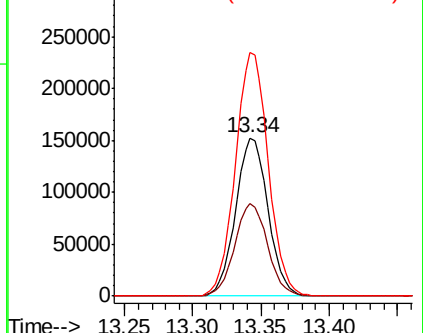
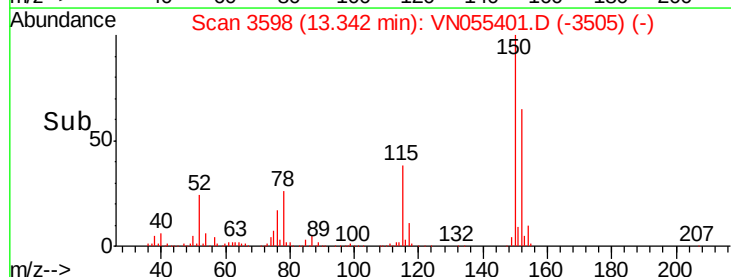
150 155.7 0.0 345.6

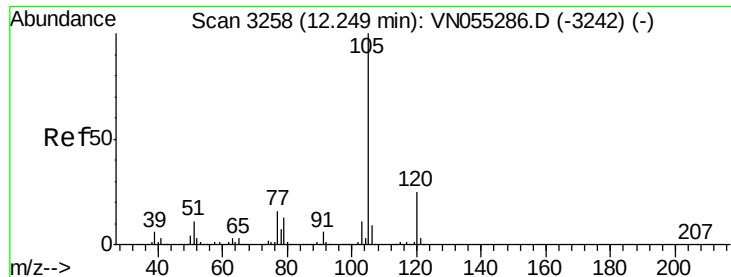


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN055401.D

Acq: 3 May 2019 19:58

Instrument :

MSVOA_N

ClientSampled :

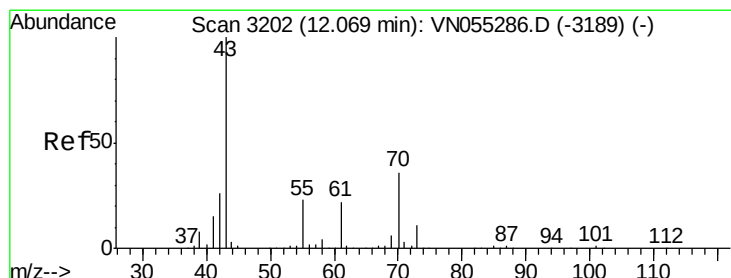
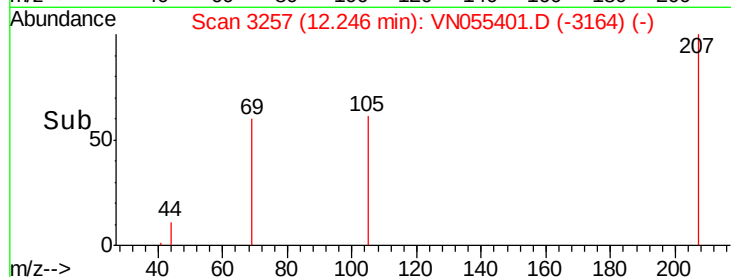
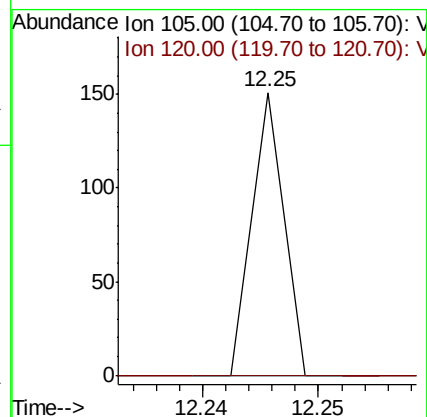
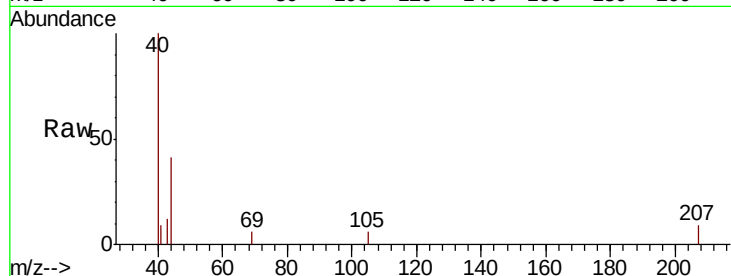
TP-3

Tot Ion:105 Resp: 29

Ion Ratio Lower Upper

105 100

120 0.0 12.9 38.7#



#74

N-ethyl acetate

Concen: 2.188 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN055401.D

Acq: 3 May 2019 19:58

Tgt Ion: 43 Resp: 14135

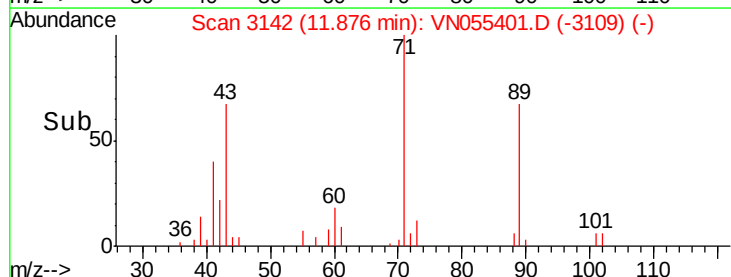
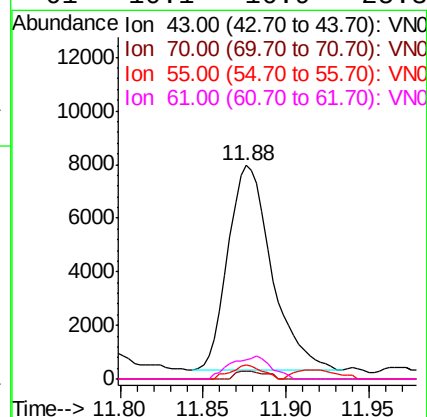
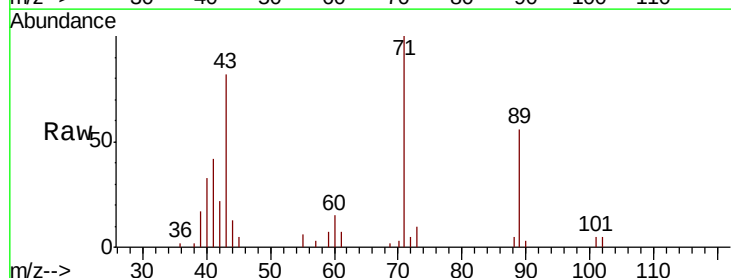
Ion Ratio Lower Upper

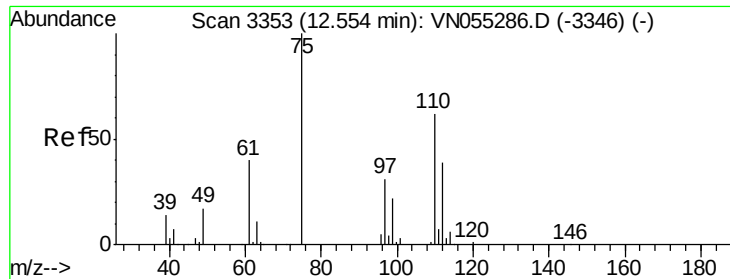
43 100

70 2.6 27.9 41.9#

55 4.7 18.2 27.2#

61 10.1 16.9 25.3#

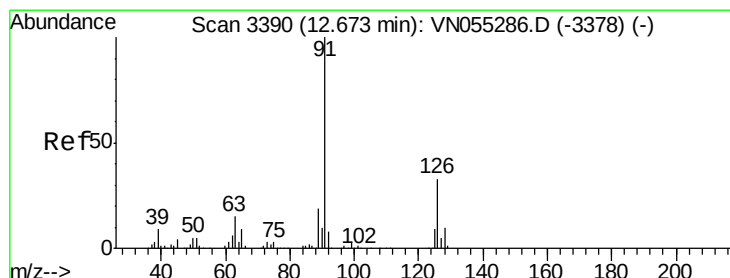
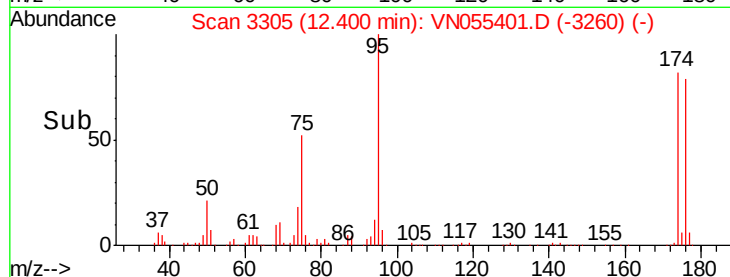
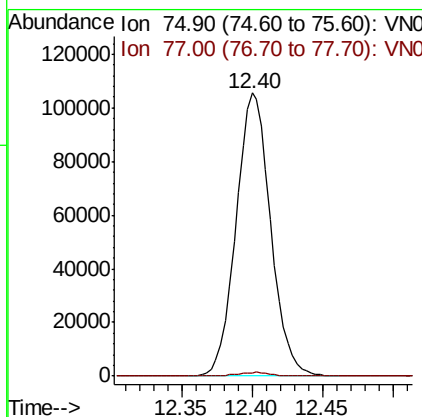
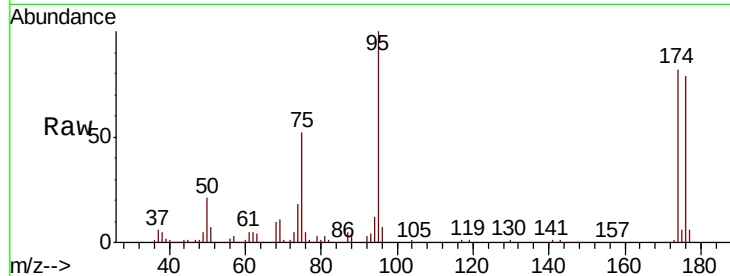




#76
 1,2,3-Trichloropropane
 Concen: 38.079 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN055401.D
 Acq: 3 May 2019 19:58

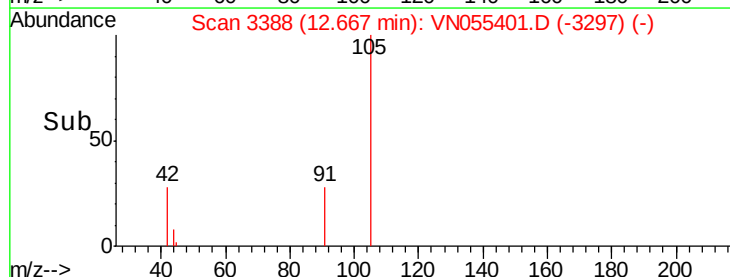
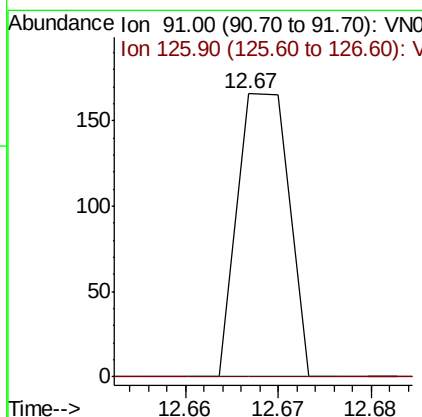
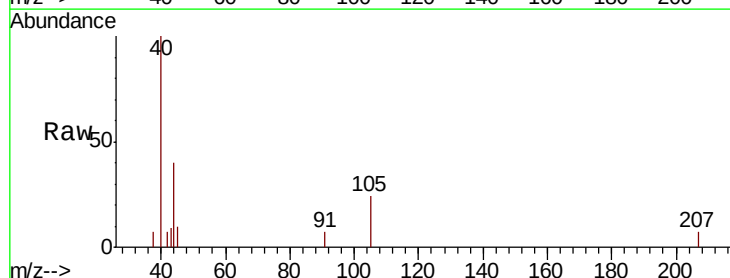
Instrument :
 MSVOA_N
 ClientSampled :
 TP-3

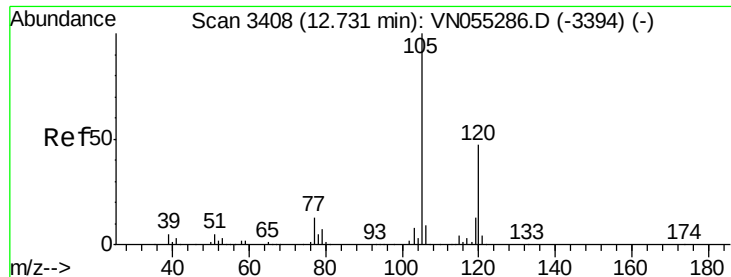
Tot Ion: 75 Resp: 180971
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#79
 2-Chlorotoluene
 Concen: Below Cal
 RT: 12.67 min Scan# 3388
 Delta R.T. -0.01 min
 Lab File: VN055401.D
 Acq: 3 May 2019 19:58

Tgt Ion: 91 Resp: 64
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.6 49.7#

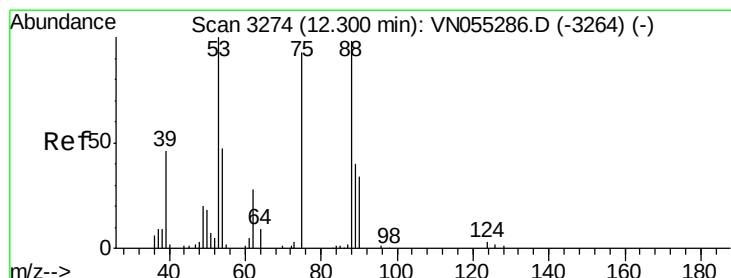
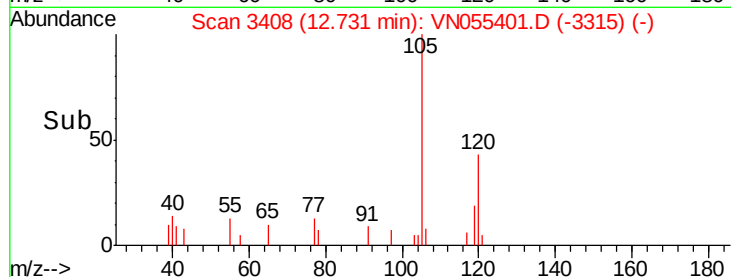
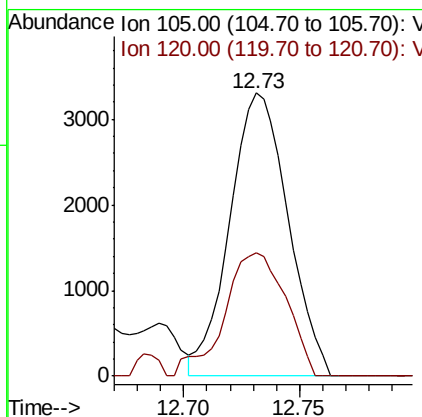
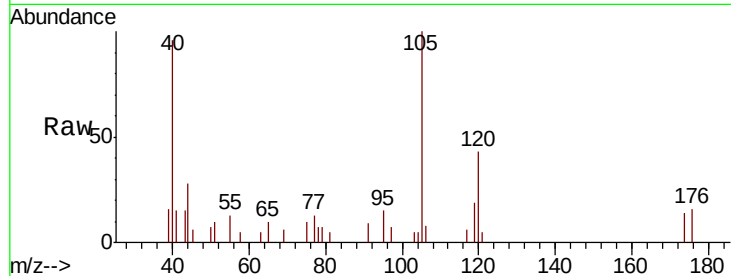




#80
 1,3,5-Trimethylbenzene
 Concen: 0.293 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055401.D
 Acq: 3 May 2019 19:58

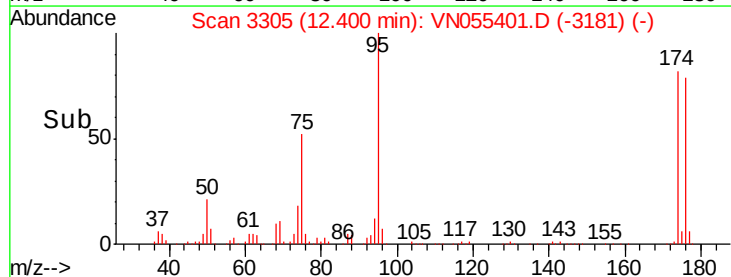
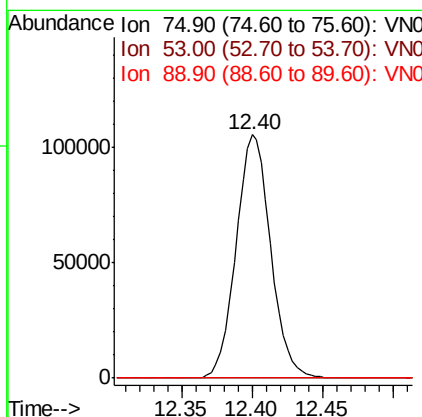
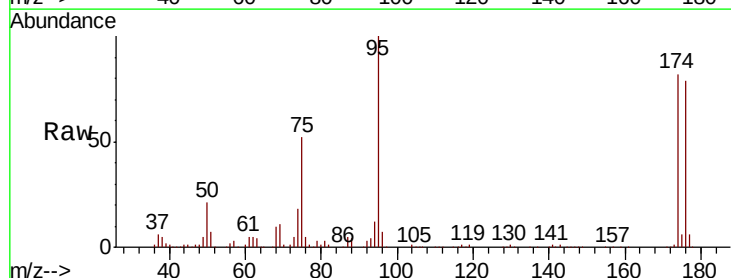
Instrument :
 MSVOA_N
 ClientSampled :
 TP-3

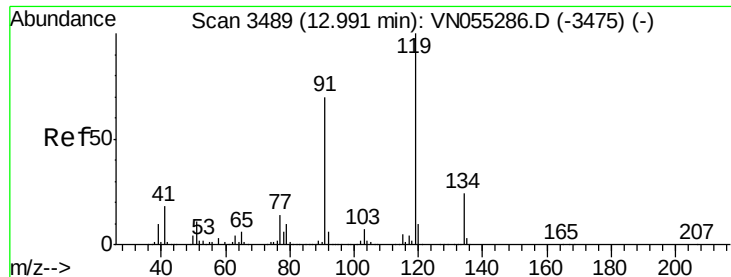
Tot Ion:105 Resp: 5774
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.4 70.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 136.247 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN055401.D
 Acq: 3 May 2019 19:58

Tgt Ion: 75 Resp: 180971
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.3 129.5#
 89 0.0 34.6 51.8#

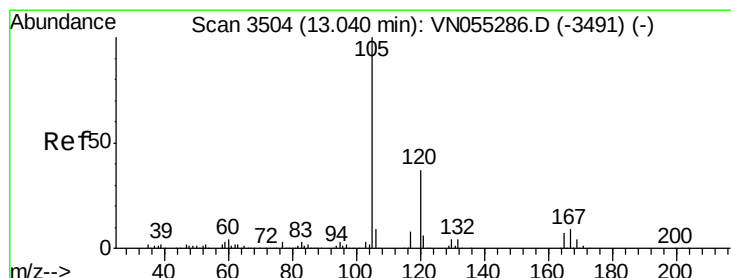
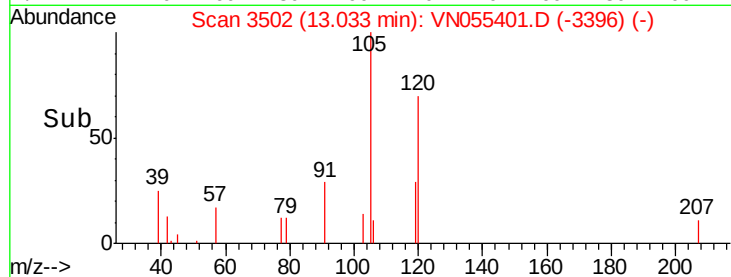
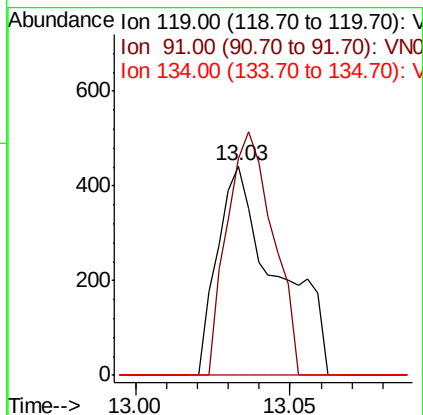
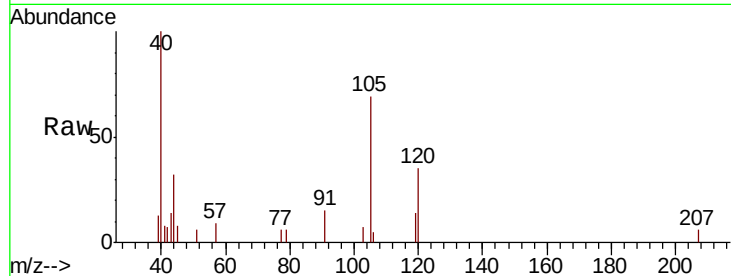




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 13.03 min Scan# 3502
 Delta R.T. 0.04 min
 Lab File: VN055401.D
 Acq: 3 May 2019 19:58

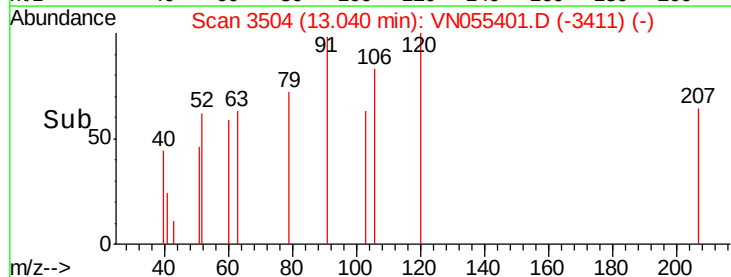
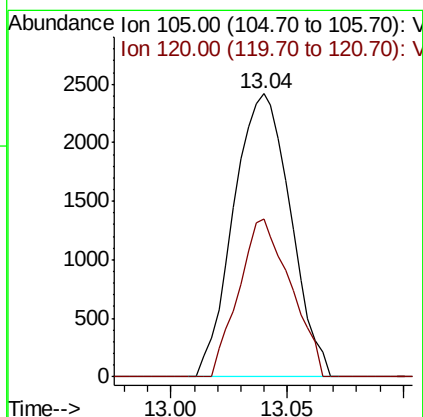
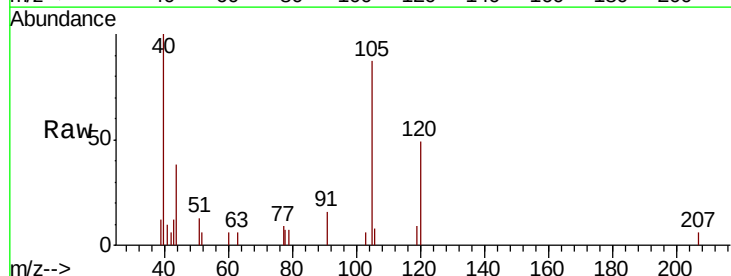
Instrument :
 MSVOA_N
 ClientSampled :
 TP-3

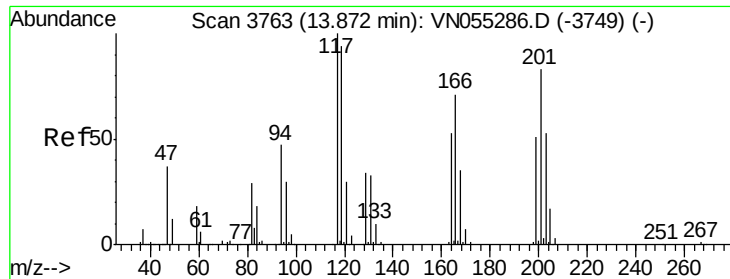
Tot Ion:119 Resp: 592
 Ion Ratio Lower Upper
 119 100
 91 89.9 34.3 102.9
 134 0.0 13.1 39.3#



#84
 1,2,4-Trimethylbenzene
 Concen: 0.234 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055401.D
 Acq: 3 May 2019 19:58

Tgt Ion:105 Resp: 4123
 Ion Ratio Lower Upper
 105 100
 120 50.8 22.1 66.5





#90

Hexachloroethane

Concen: Below Cal

RT: 13.89 min Scan# 3767

Delta R.T. 0.01 min

Lab File: VN055401.D

Acq: 3 May 2019 19:58

Instrument :

MSVOA_N

ClientSampled :

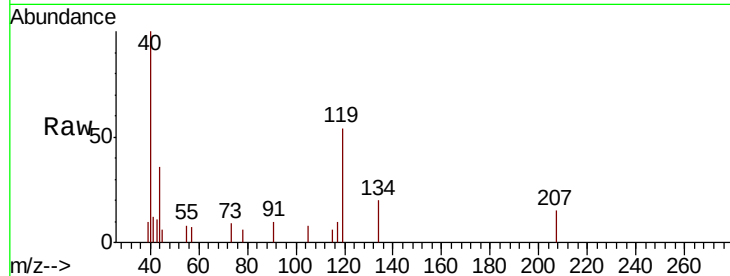
TP-3

Tot Ion:117 Resp: 221

Ion Ratio Lower Upper

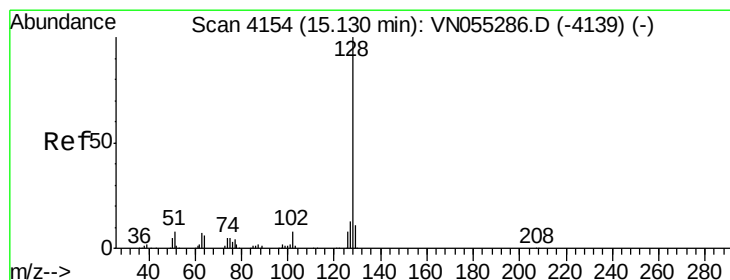
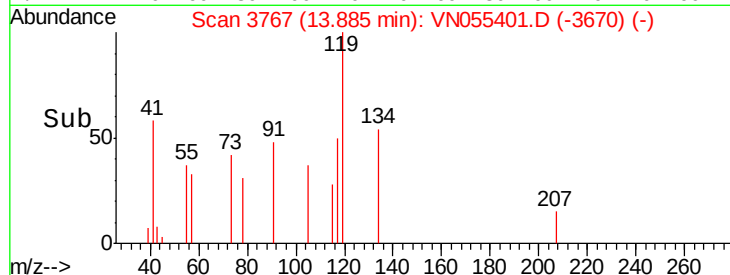
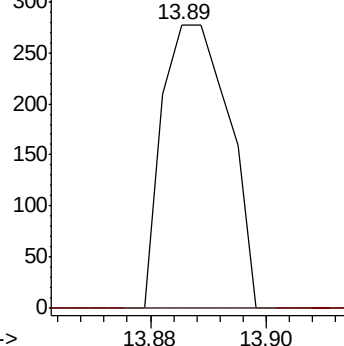
117 100

201 0.0 41.9 125.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 3.517 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN055401.D

Acq: 3 May 2019 19:58

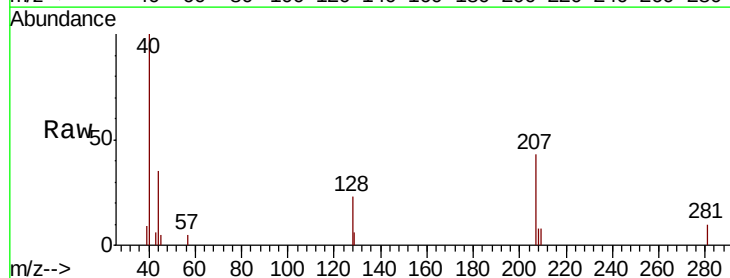
Tgt Ion:128 Resp: 1415

Ion Ratio Lower Upper

128 100

127 0.0 10.7 16.1#

129 7.1 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

