

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050619\
 Data File : VN055423.D
 Acq On : 6 May 2019 18:20
 Operator : JC/SP
 Sample : K2680-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SSSI-0502-S-TCLP-10

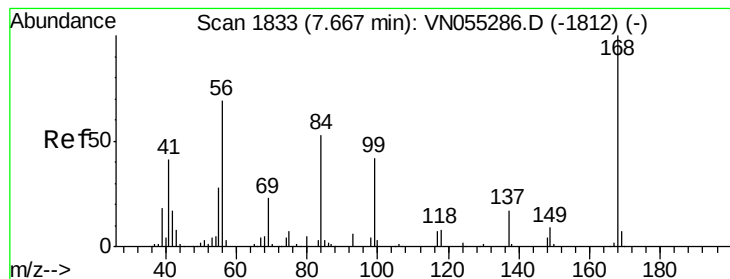
Quant Time: May 07 01:11:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	499962	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	786294	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	642274	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	187263	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	320024	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
35) Dibromofluoromethane	7.59	113	249999	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
50) Toluene-d8	10.09	98	920116	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
62) 4-Bromofluorobenzene	12.40	95	273997	47.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.08%	

Target Compounds						Qvalue
11) Tert butyl alcohol	4.78	59	116	0.310	ug/l #	73
16) Acetone	3.82	43	393459	193.063	ug/l	99
17) Carbon Disulfide	4.05	76	2887	0.224	ug/l #	74
18) Methyl Acetate	4.33	43	1481	Below Cal	#	65
20) Methylene Chloride	4.56	84	51286	8.245	ug/l	97
25) 2-Butanone	6.85	43	2009	0.771	ug/l #	86
29) Tetrahydrofuran	7.21	42	536	0.321	ug/l #	64
30) Chloroform	7.38	83	2241	0.218	ug/l #	64
31) Cyclohexane	7.67	56	10546	1.025	ug/l #	7
36) 1,1-Dichloropropene	7.66	75	38634	5.130	ug/l #	50
38) Carbon Tetrachloride	7.67	117	46333	6.377	ug/l #	16
41) Methacrylonitrile	7.21	41	540	0.910	ug/l #	23
43) Isopropyl Acetate	8.17	43	12526	1.350	ug/l #	82
48) Methyl methacrylate	9.18	41	6826	1.497	ug/l #	18
51) 4-Methyl-2-Pentanone	9.98	43	4003	0.766	ug/l	96
54) cis-1,3-Dichloropropene	9.90	75	34974	4.303	ug/l #	67
57) 1,3-Dichloropropane	10.77	76	7038	0.848	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.91	63	81	12.448	ug/l #	52
59) 2-Hexanone	10.77	43	116882	35.768	ug/l #	55
71) Bromoform	12.39	173	746	0.273	ug/l #	29
73) Isopropylbenzene	12.25	105	181	Below Cal	#	49
75) 1,1,2,2-Tetrachloroethane	12.41	83	107	Below Cal	#	21
76) 1,2,3-Trichloropropane	12.40	75	139488	39.548	ug/l #	100
77) Bromobenzene	12.53	156	31	Below Cal	#	1
79) 2-Chlorotoluene	12.68	91	66	Below Cal	#	42
81) trans-1,4-Dichloro-2-buten	12.40	75	139488	141.159	ug/l #	7
83) tert-Butylbenzene	12.99	119	174	Below Cal	#	61
93) 1,2,4-Trichlorobenzene	14.92	180	97	3.348	ug/l #	12
95) Naphthalene	15.14	128	853	3.481	ug/l #	79
96) 1,2,3-Trichlorobenzene	15.30	180	104	2.654	ug/l #	75

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055423.D

Acq: 6 May 2019 18:20

Instrument :

MSVOA_N

ClientSampleId :

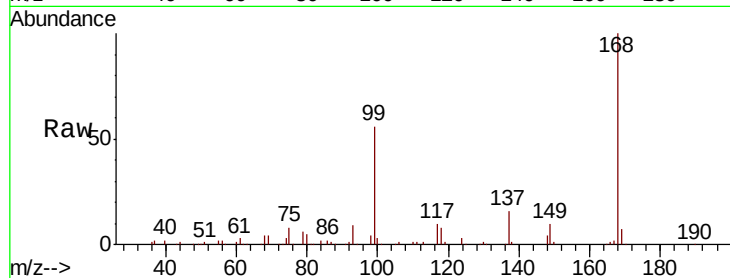
SSSI-0502-S-TCLP-10

Tot Ion:168 Resp: 499962

Ion Ratio Lower Upper

168 100

99 55.7 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

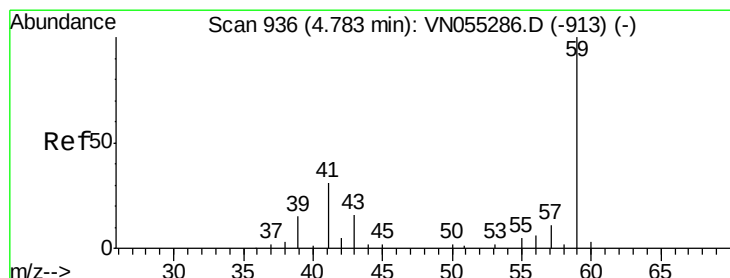
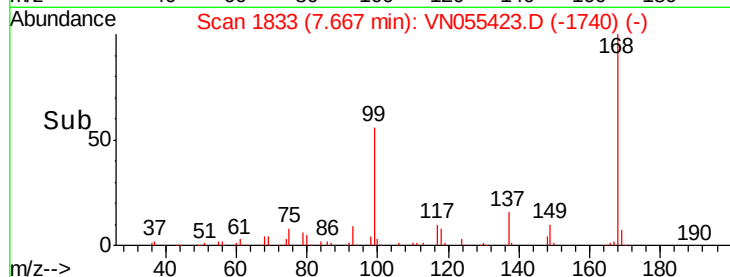
100000

50000

0

7.60 7.70 7.80

Time-->



#11

Tert butyl alcohol

Concen: 0.310 ug/l

RT: 4.78 min Scan# 936

Delta R.T. 0.00 min

Lab File: VN055423.D

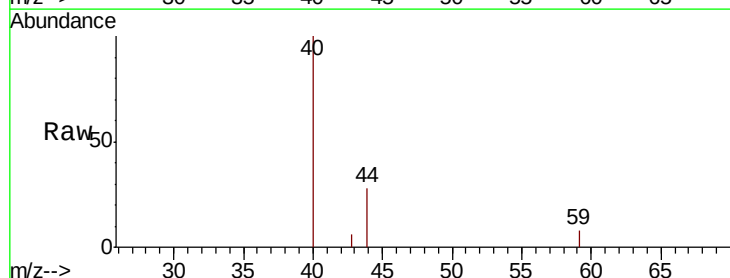
Acq: 6 May 2019 18:20

Tgt Ion: 59 Resp: 116

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VN055286.D (-913) (-)

Ion 57.00 (56.70 to 57.70): VN055286.D (-913) (-)

4.78

250

200

150

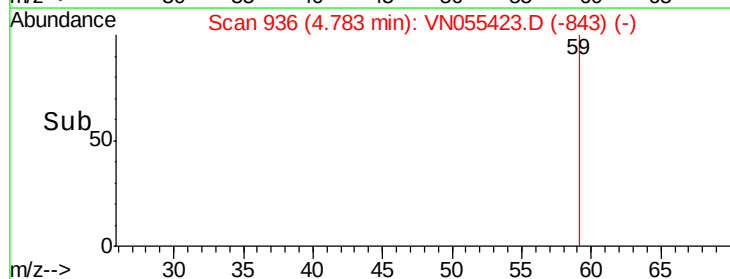
100

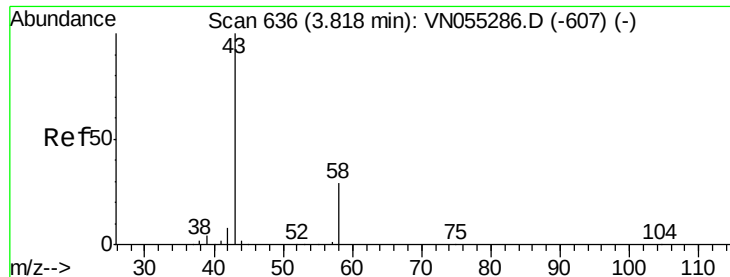
50

0

4.77 4.78 4.79

Time-->





#16

Acetone

Concen: 193.063 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055423.D

Acq: 6 May 2019 18:20

Instrument :

MSVOA_N

ClientSampleId :

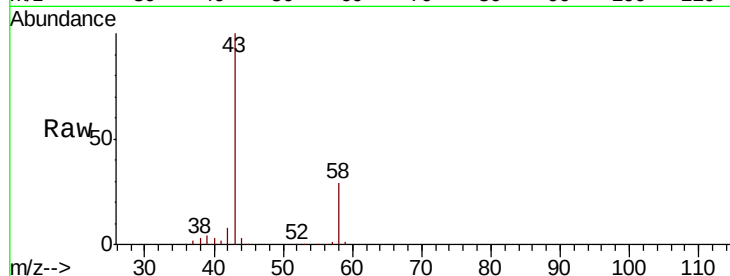
SSSI-0502-S-TCLP-10

Tot Ion: 43 Resp: 393459

Ion Ratio Lower Upper

43 100

58 29.0 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

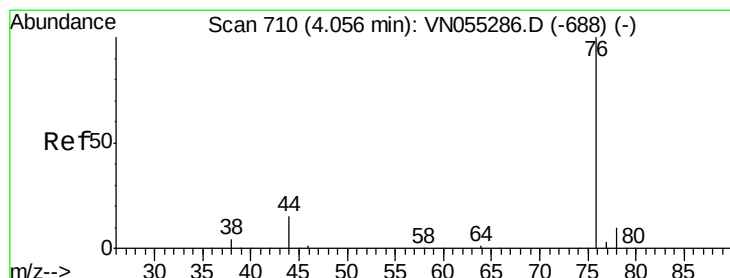
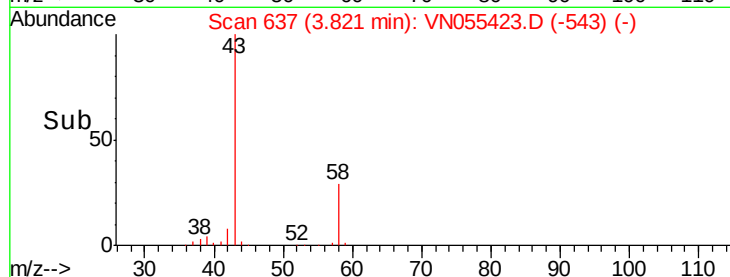
150000

100000

50000

0

Time-->



#17

Carbon Disulfide

Concen: 0.224 ug/l

RT: 4.05 min Scan# 709

Delta R.T. -0.00 min

Lab File: VN055423.D

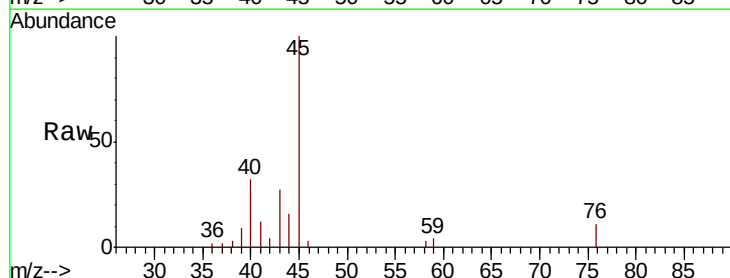
Acq: 6 May 2019 18:20

Tgt Ion: 76 Resp: 2887

Ion Ratio Lower Upper

76 100

78 0.0 7.6 11.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

1200

1000

800

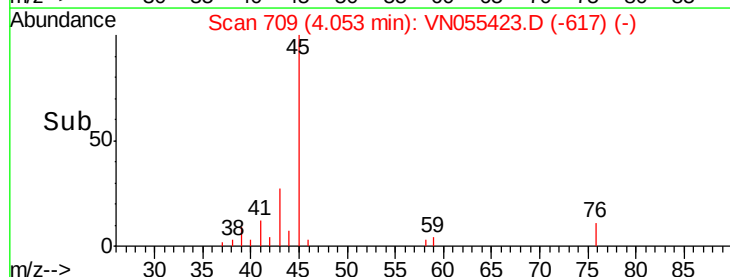
600

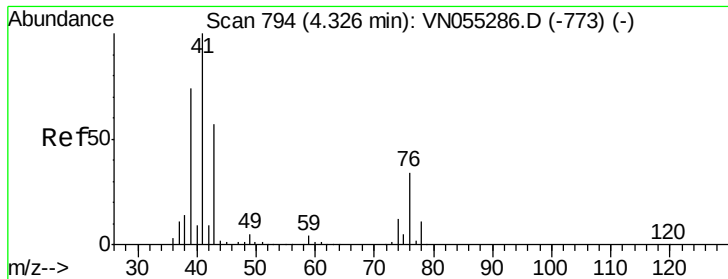
400

200

0

Time-->





#18

Methyl Acetate

Concen: Below Cal

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN055423.D

Acq: 6 May 2019 18:20

Instrument :

MSVOA_N

ClientSampleId :

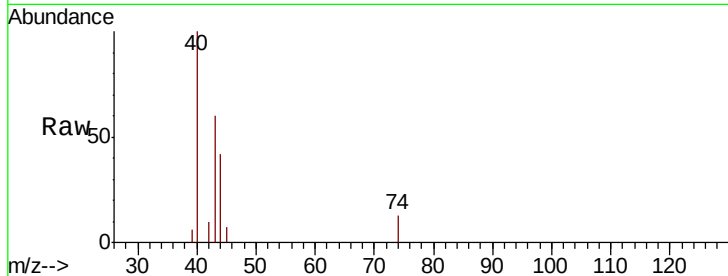
SSSI-0502-S-TCLP-10

Tot Ion: 43 Resp: 1481

Ion Ratio Lower Upper

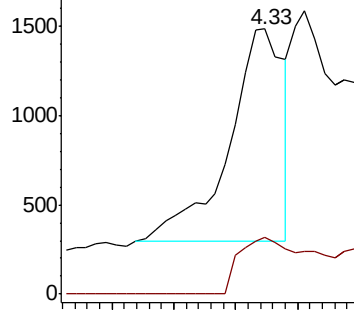
43 100

74 36.0 15.8 23.8#

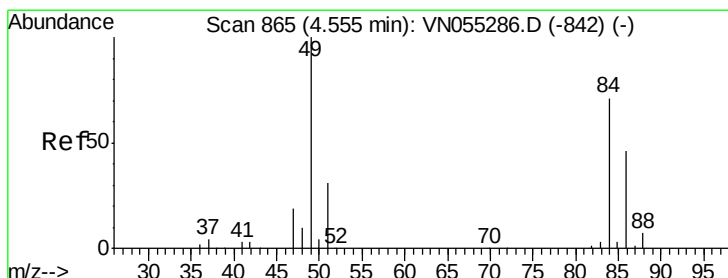
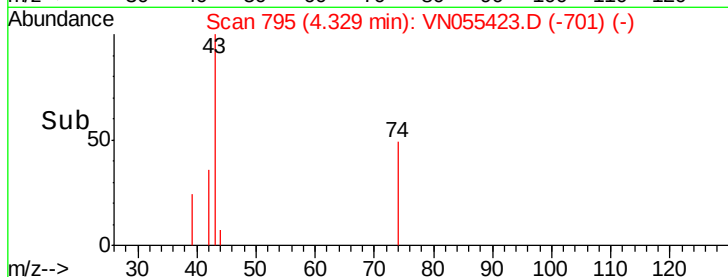


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



Time-->



#20

Methylene Chloride

Concen: 8.245 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.00 min

Lab File: VN055423.D

Acq: 6 May 2019 18:20

Tgt Ion: 84 Resp: 51286

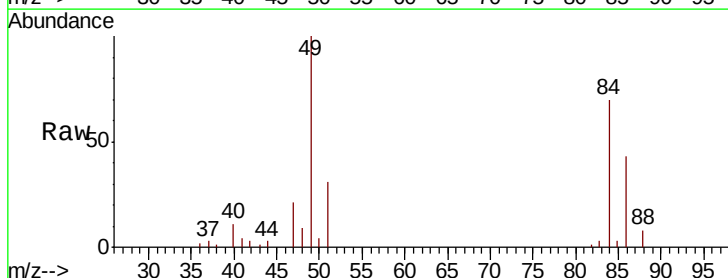
Ion Ratio Lower Upper

84 100

49 143.4 112.4 168.6

51 43.9 34.6 51.8

86 61.4 51.9 77.9

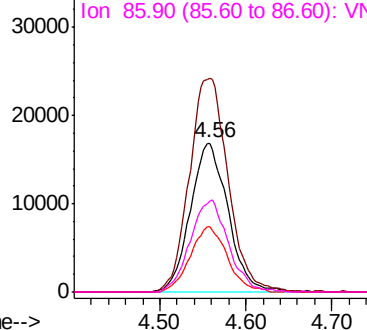


Abundance Ion 83.90 (83.60 to 84.60): VN0

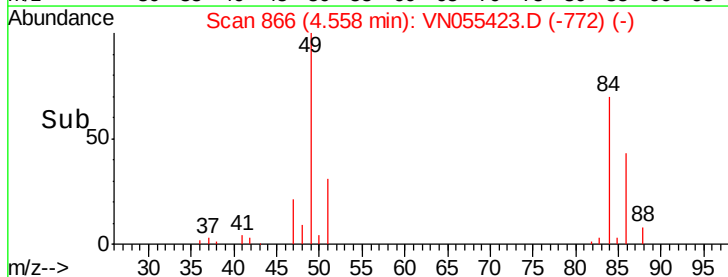
Ion 48.90 (48.60 to 49.60): VN0

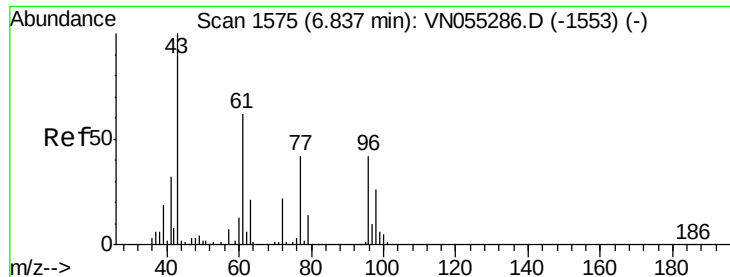
Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



Time-->





#25

2-Butanone

Concen: 0.771 ug/l

RT: 6.85 min Scan# 1579

Delta R.T. 0.01 min

Lab File: VN055423.D

Acq: 6 May 2019 18:20

Instrument :

MSVOA_N

ClientSampleId :

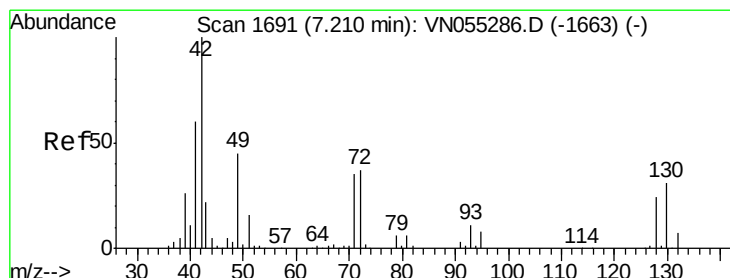
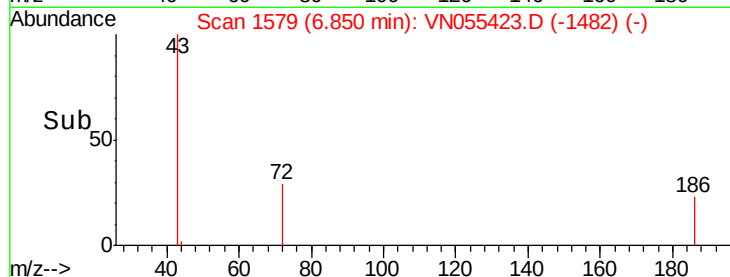
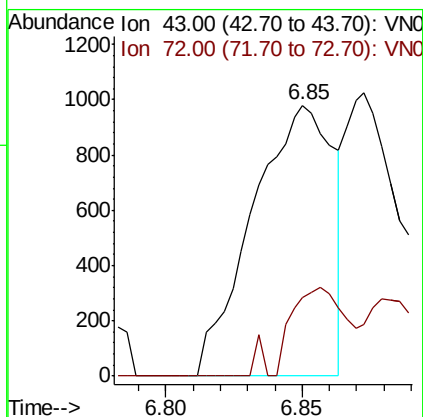
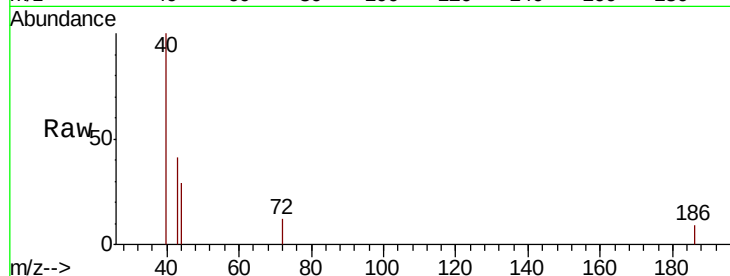
SSSI-0502-S-TCLP-10

Tot Ion: 43 Resp: 2009

Ion Ratio Lower Upper

43 100

72 29.1 18.0 27.0#



#29

Tetrahydrofuran

Concen: 0.321 ug/l

RT: 7.21 min Scan# 1690

Delta R.T. -0.00 min

Lab File: VN055423.D

Acq: 6 May 2019 18:20

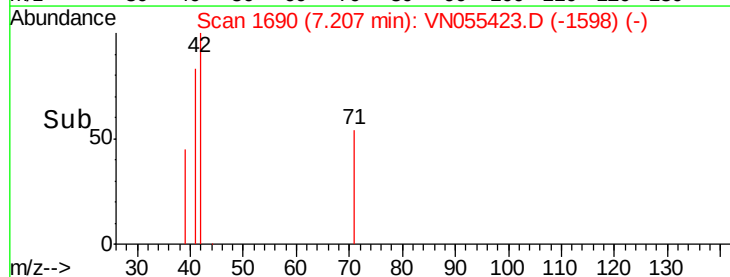
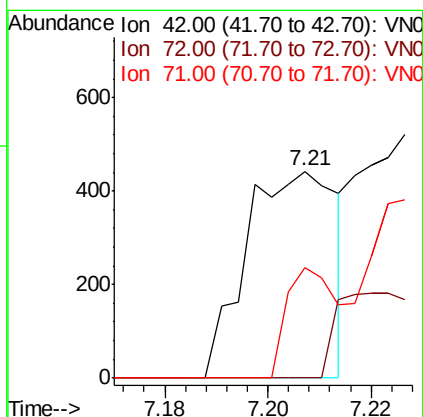
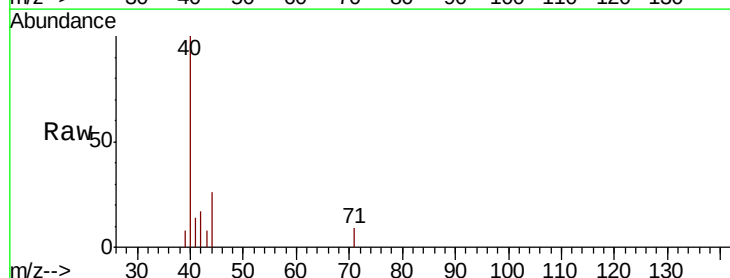
Tgt Ion: 42 Resp: 536

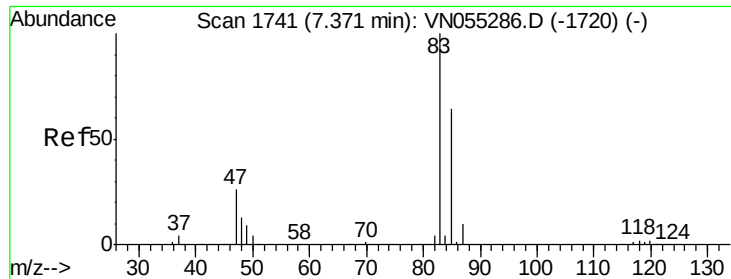
Ion Ratio Lower Upper

42 100

72 0.0 29.0 43.6#

71 28.5 27.1 40.7





#30

Chloroform

Concen: 0.218 ug/l

RT: 7.38 min Scan# 1745

Delta R.T. 0.01 min

Lab File: VN055423.D

Acq: 6 May 2019 18:20

Instrument :

MSVOA_N

ClientSampleId :

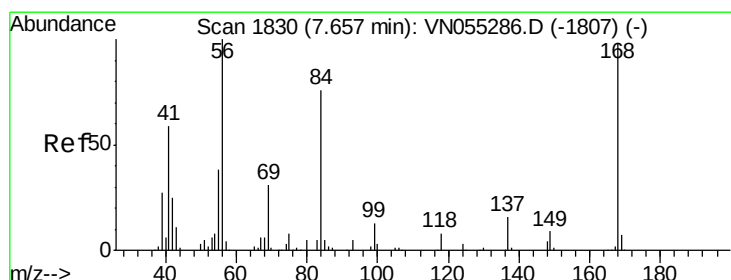
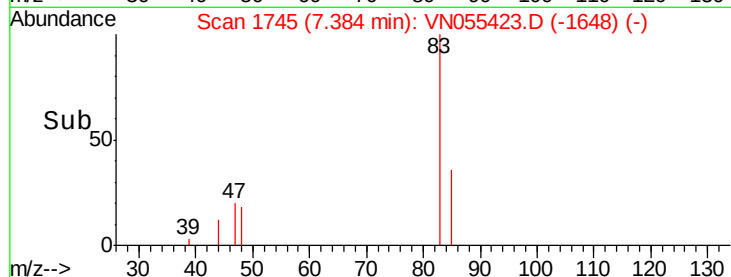
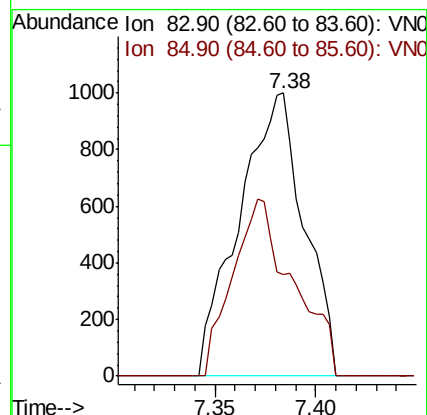
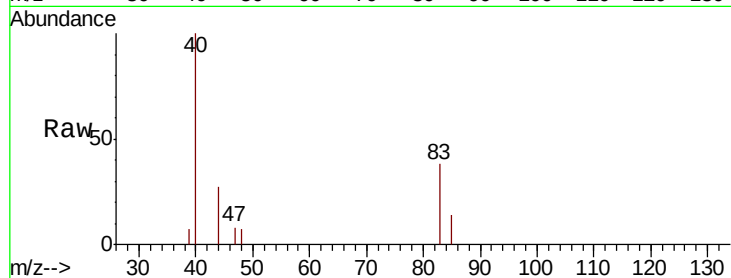
SSSI-0502-S-TCLP-10

Tot Ion: 83 Resp: 2241

Ion Ratio Lower Upper

83 100

85 36.1 51.4 77.2#



#31

Cyclohexane

Concen: 1.025 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN055423.D

Acq: 6 May 2019 18:20

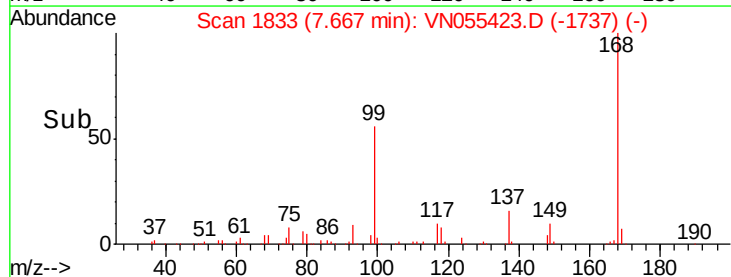
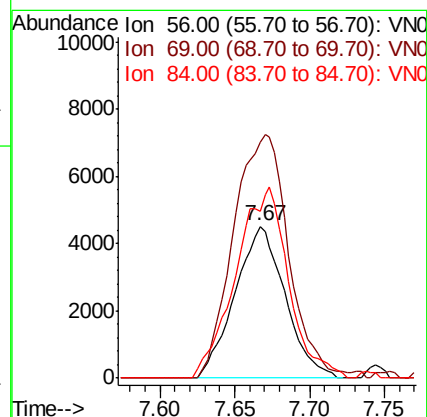
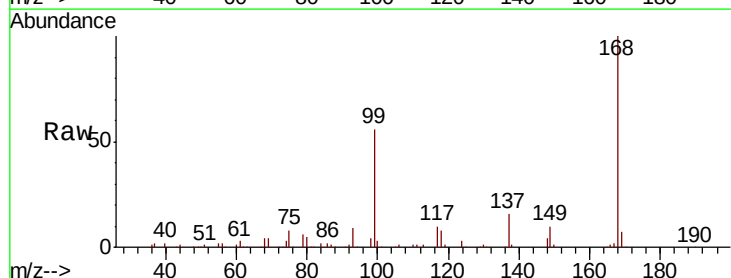
Tgt Ion: 56 Resp: 10546

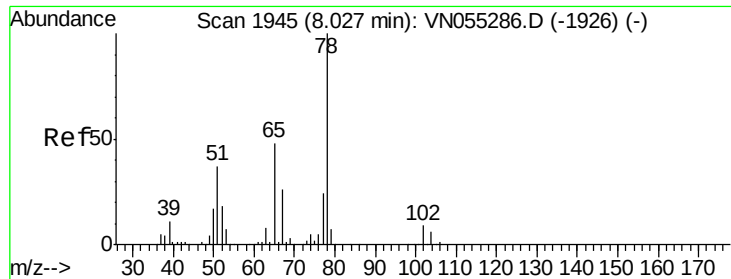
Ion Ratio Lower Upper

56 100

69 156.0 25.2 37.8#

84 110.0 61.1 91.7#

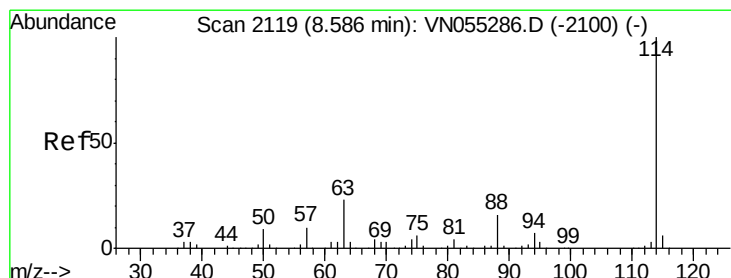
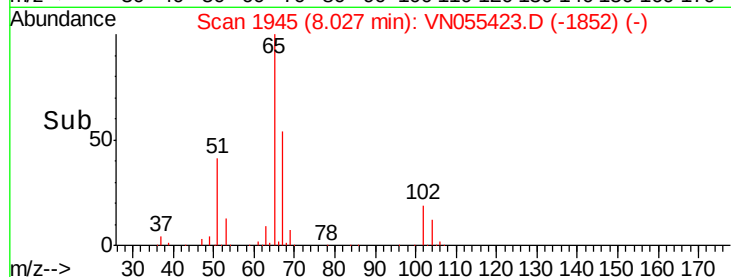
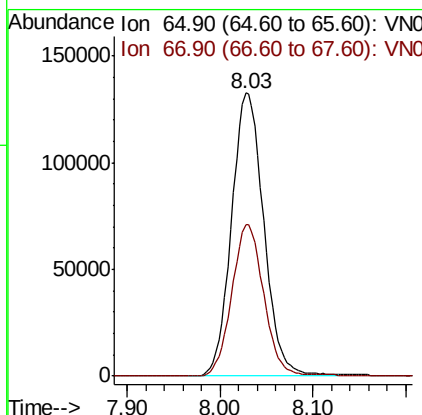
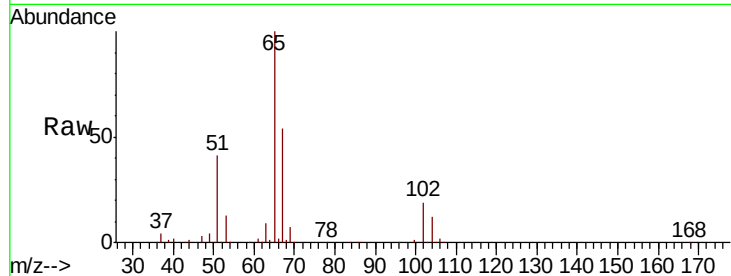




#33
 1,2-Dichloroethane-d4
 Concen: 48.929 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055423.D
 Acq: 6 May 2019 18:20

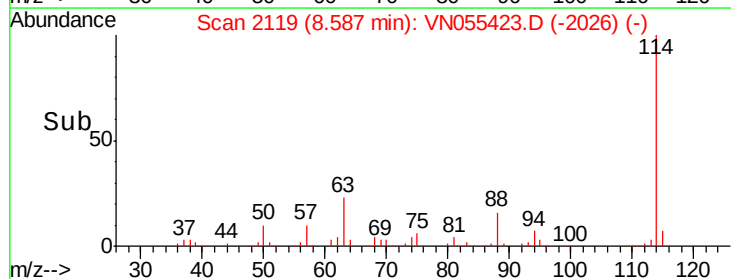
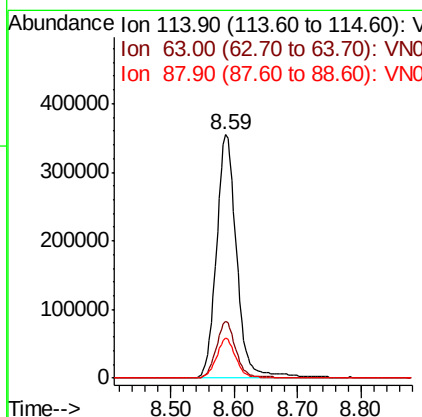
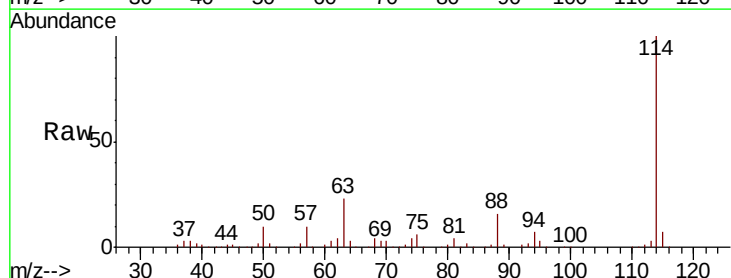
Instrument :
 MSVOA_N
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 SSSI-0502-S-TCLP-10

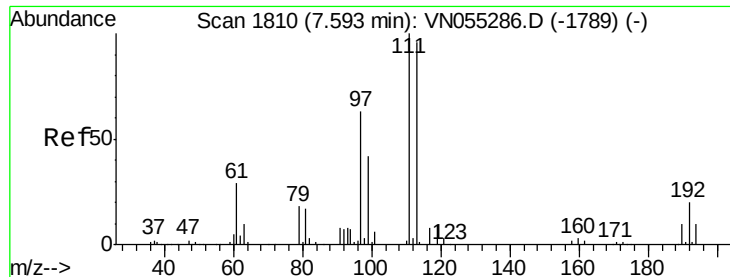
Tot Ion: 65 Resp: 320024
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055423.D
 Acq: 6 May 2019 18:20

Tgt Ion: 114 Resp: 786294
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 45.2
 88 16.2 0.0 31.6

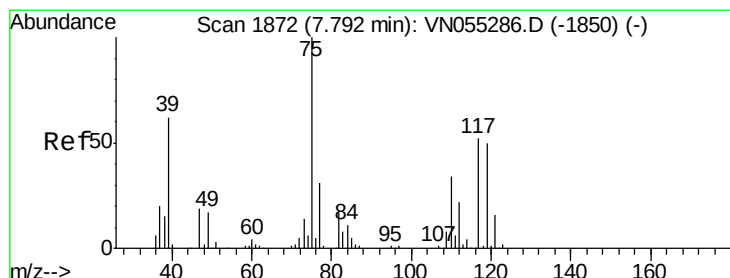
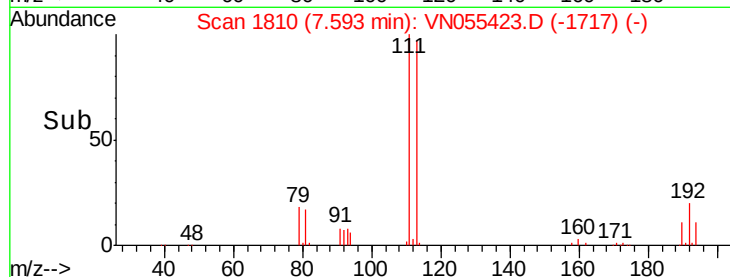
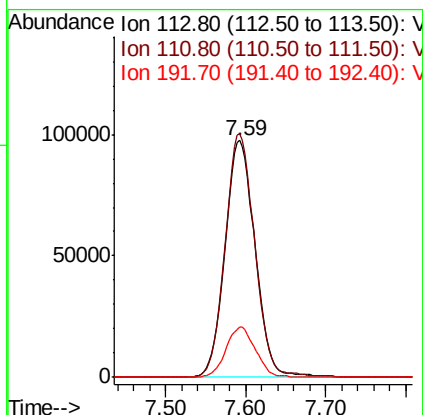
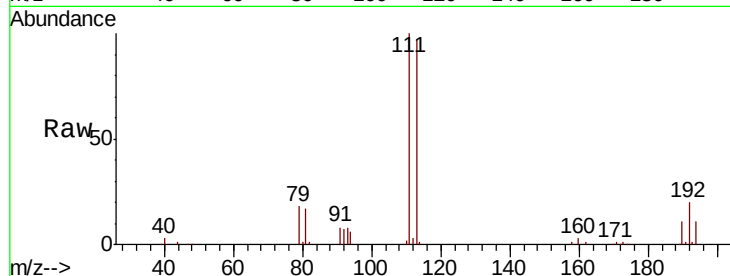




#35
 Dibromofluoromethane
 Concen: 48.440 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055423.D
 Acq: 6 May 2019 18:20

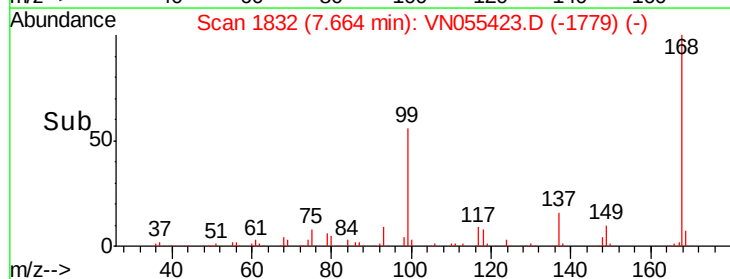
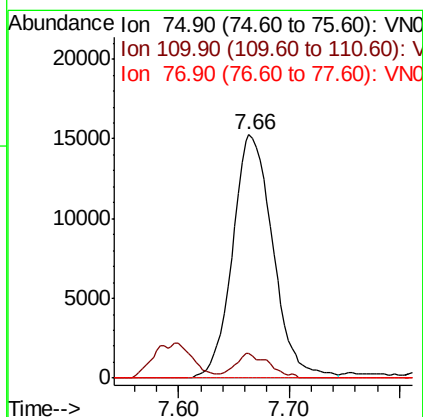
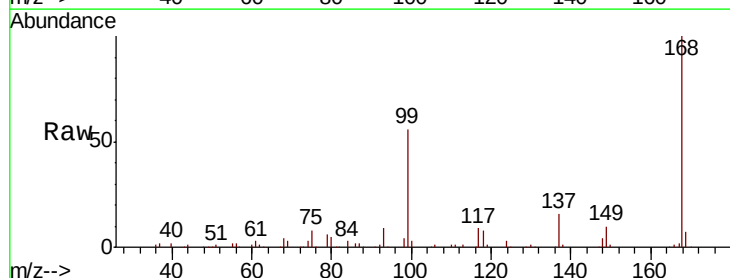
Instrument :
 MSVOA_N
 ClientSampleId :
 SSSI-0502-S-TCLP-10

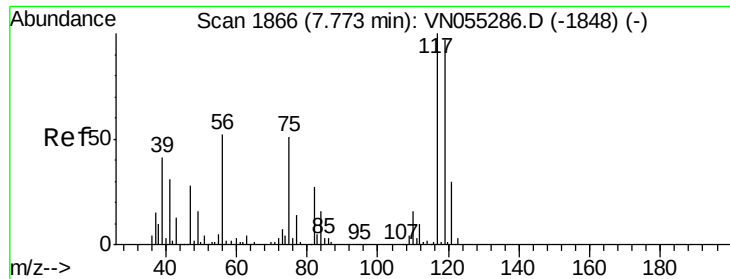
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.3	123.5
192	20.8	17.0	25.6



#36
 1,1-Dichloropropene
 Concen: 5.130 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN055423.D
 Acq: 6 May 2019 18:20

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.7	16.8	50.4#
77	0.0	25.0	37.6#





#38

Carbon Tetrachloride

Concen: 6.377 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. -0.10 min

Lab File: VN055423.D

Acq: 6 May 2019 18:20

Instrument :

MSVOA_N

ClientSampleId :

SSSI-0502-S-TCLP-10

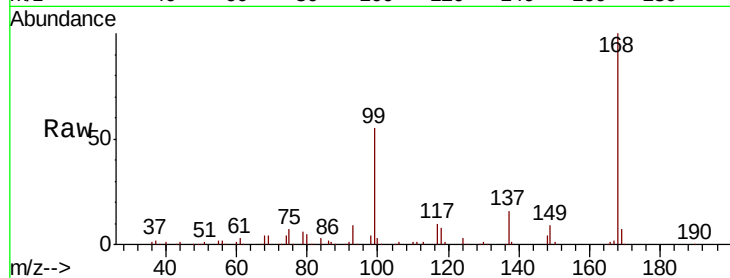
Tot Ion:117 Resp: 46333

Ion Ratio Lower Upper

117 100

119 5.4 77.0 115.6#

121 0.0 23.8 35.8#

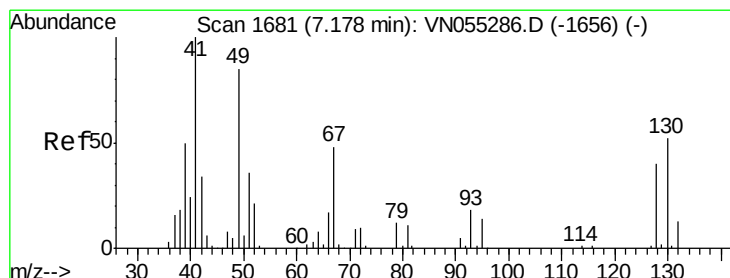
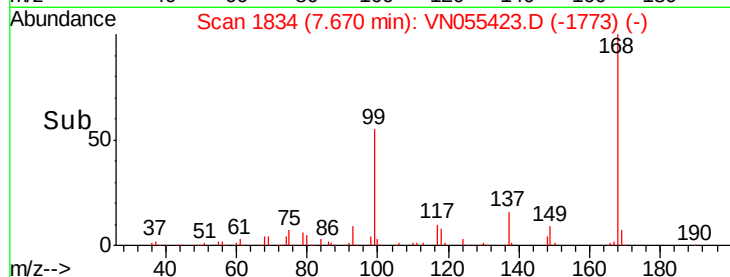
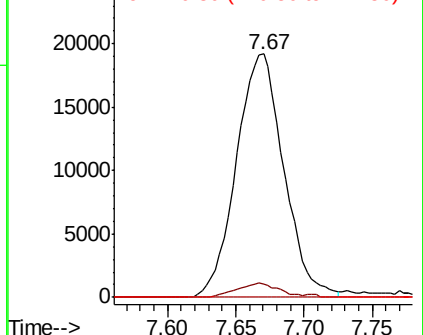


Abundance

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: 0.910 ug/l

RT: 7.21 min Scan# 1691

Delta R.T. 0.03 min

Lab File: VN055423.D

Acq: 6 May 2019 18:20

Tgt Ion: 41 Resp: 540

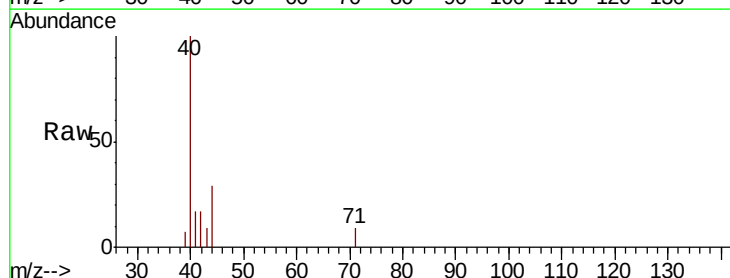
Ion Ratio Lower Upper

41 100

39 0.0 48.5 72.7#

67 0.0 54.9 82.3#

52 0.0 24.9 37.3#



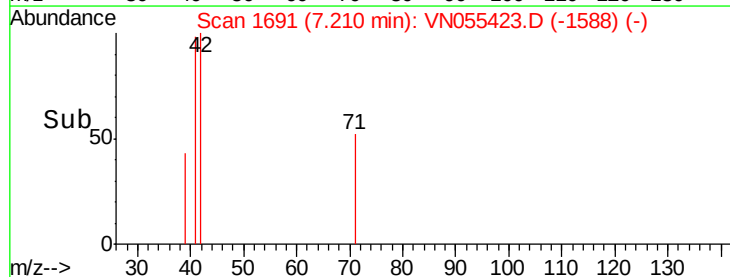
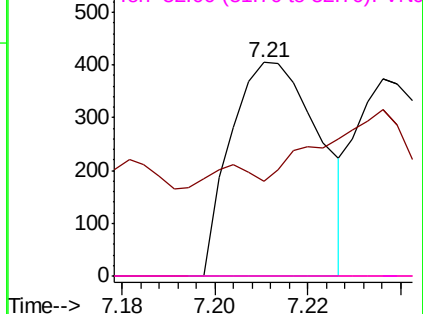
Abundance

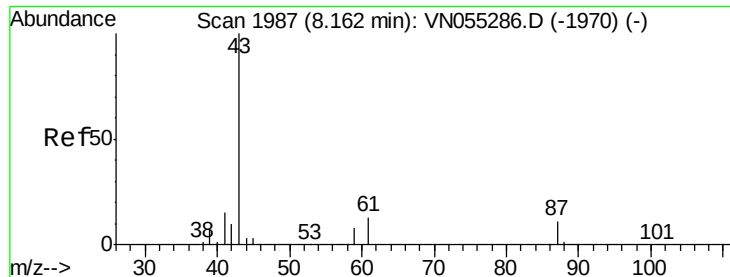
Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO





#43

Isopropyl Acetate

Concen: 1.350 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN055423.D

Acq: 6 May 2019 18:20

Instrument :

MSVOA_N

ClientSampleId :

SSSI-0502-S-TCLP-10

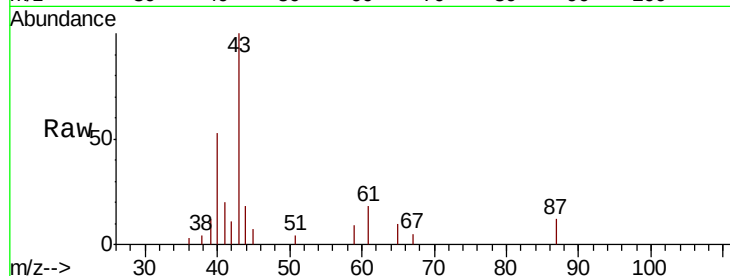
Tot Ion: 43 Resp: 12526

Ion Ratio Lower Upper

43 100

61 15.9 20.8 31.2#

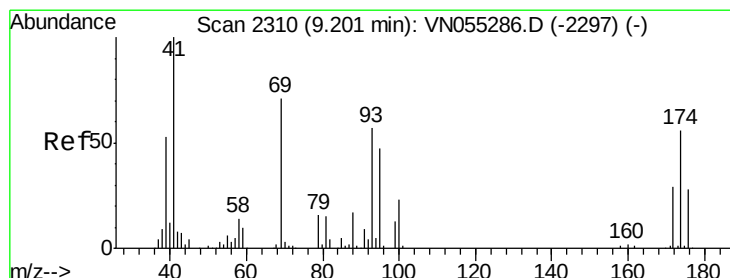
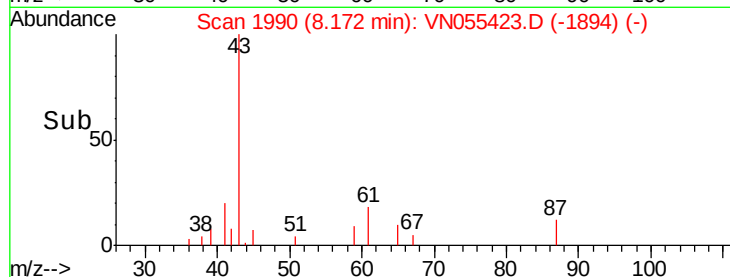
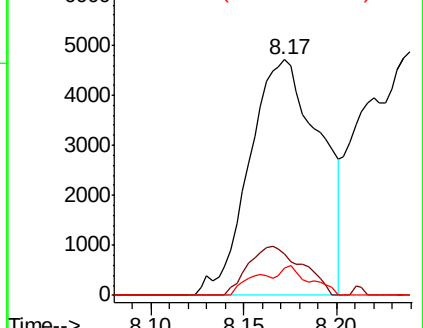
87 5.4 8.5 12.7#



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



#48

Methyl methacrylate

Concen: 1.497 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN055423.D

Acq: 6 May 2019 18:20

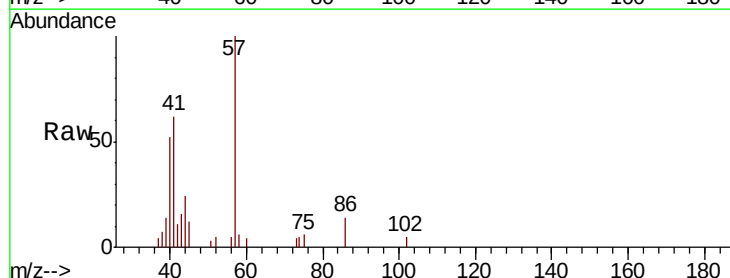
Tgt Ion: 41 Resp: 6826

Ion Ratio Lower Upper

41 100

69 0.0 58.6 87.8#

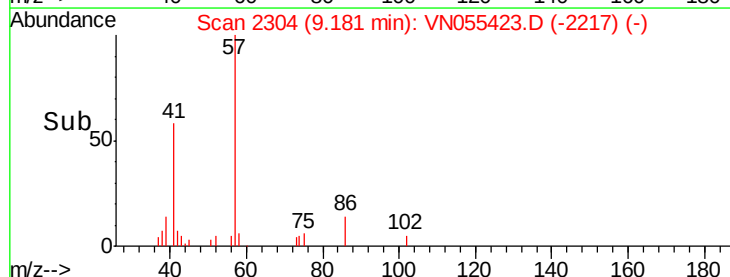
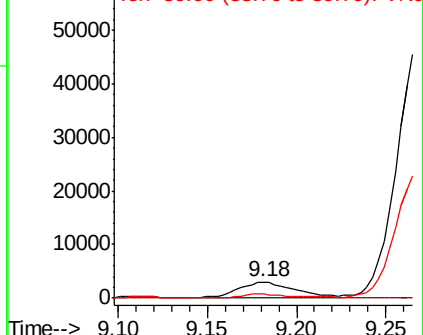
39 0.0 43.8 65.6#

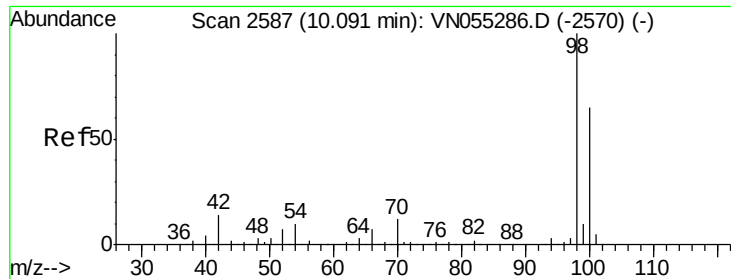


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#50

Toluene-d8

Concen: 49.374 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055423.D

Acq: 6 May 2019 18:20

Instrument :

MSVOA_N

ClientSampleId :

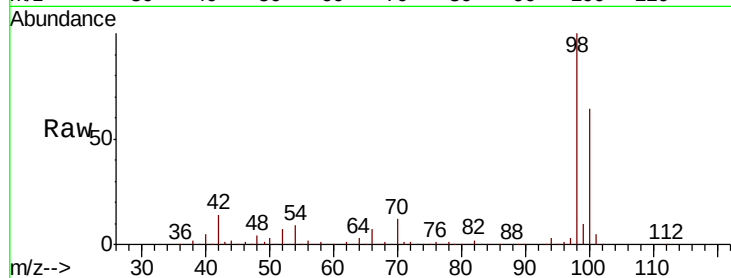
SSSI-0502-S-TCLP-10

Tot Ion: 98 Resp: 920116

Ion Ratio Lower Upper

98 100

100 64.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN055423.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN055423.D (-2494) (-)

10.09

500000

400000

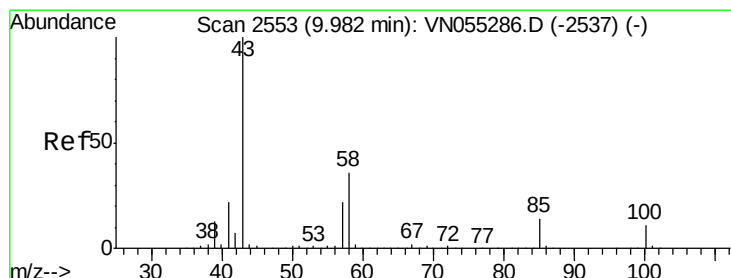
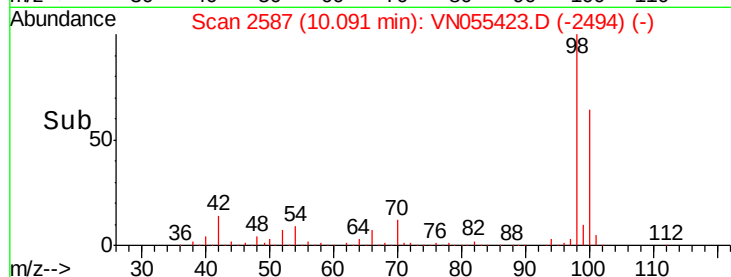
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.766 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN055423.D

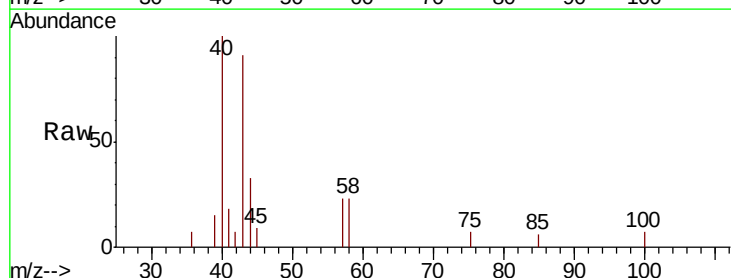
Acq: 6 May 2019 18:20

Tgt Ion: 43 Resp: 4003

Ion Ratio Lower Upper

43 100

58 33.1 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VN055423.D (-2460) (-)

Ion 58.00 (57.70 to 58.70): VN055423.D (-2460) (-)

9.98

4000

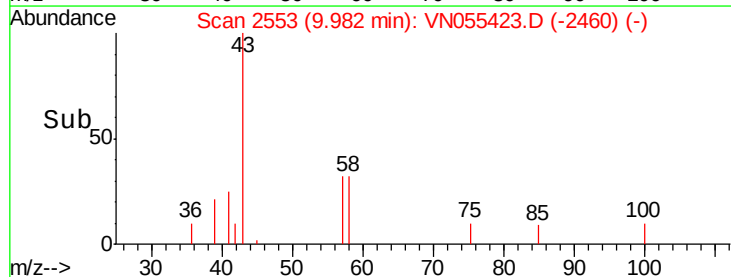
3000

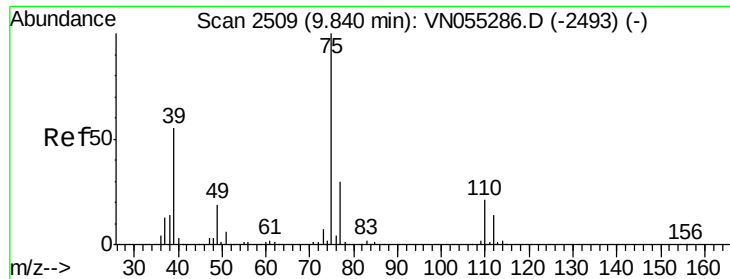
2000

1000

0

Time-->





#54

cis-1,3-Dichloropropene

Concen: 4.303 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN055423.D

Acq: 6 May 2019 18:20

Instrument :

MSVOA_N

ClientSampleId :

SSSI-0502-S-TCLP-10

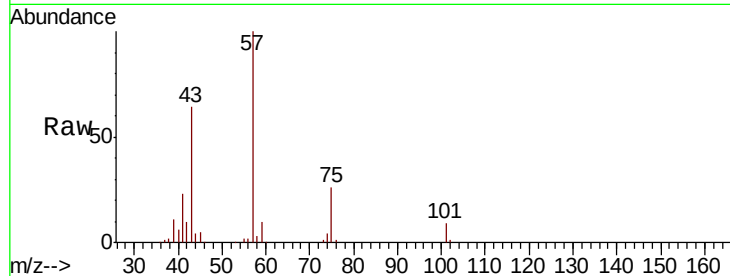
Tot Ion: 75 Resp: 34974

Ion Ratio Lower Upper

75 100

77 0.0 24.2 36.2#

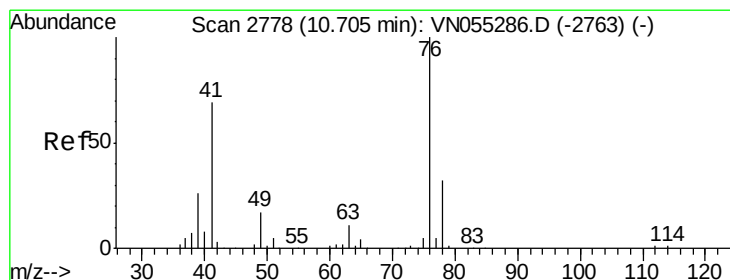
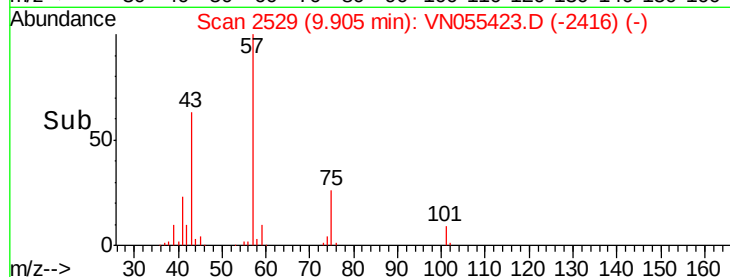
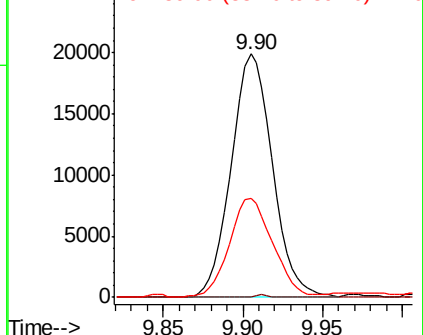
39 39.9 44.2 66.2#



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: 0.848 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.06 min

Lab File: VN055423.D

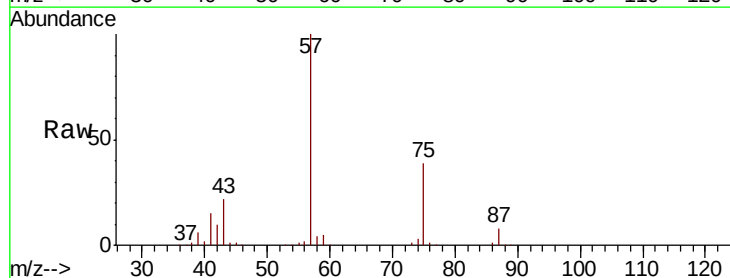
Acq: 6 May 2019 18:20

Tgt Ion: 76 Resp: 7038

Ion Ratio Lower Upper

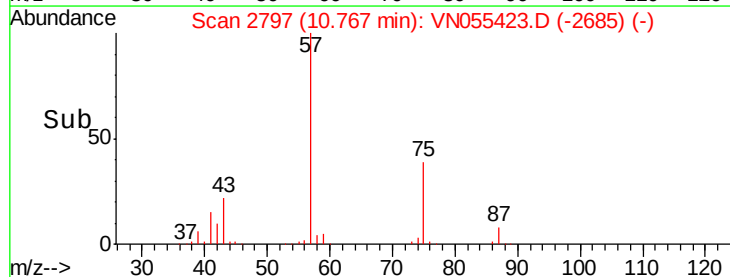
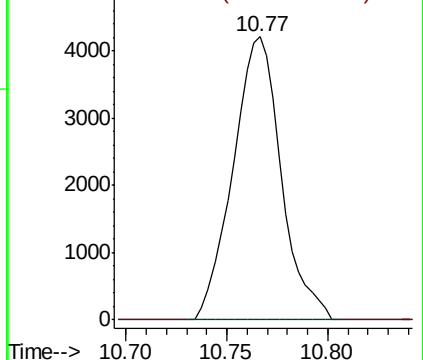
76 100

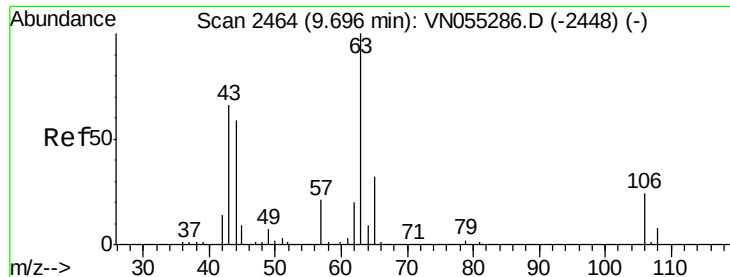
78 0.0 25.6 38.4#



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: 12.448 ug/l

RT: 9.91 min Scan# 2532

Delta R.T. 0.22 min

Lab File: VN055423.D

Acq: 6 May 2019 18:20

Instrument :

MSVOA_N

ClientSampleId :

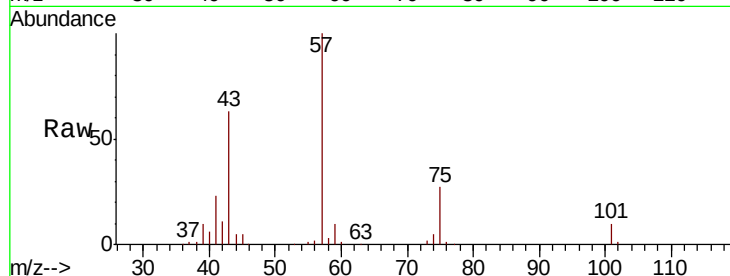
SSSI-0502-S-TCLP-10

Tot Ion: 63 Resp: 81

Ion Ratio Lower Upper

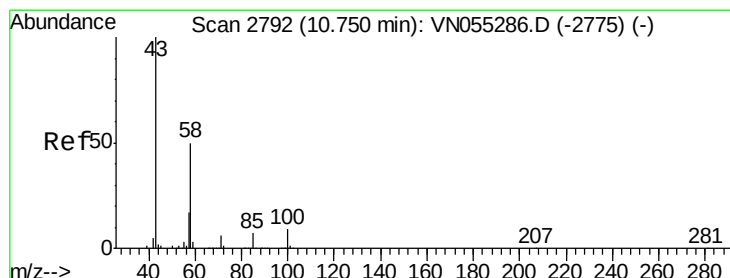
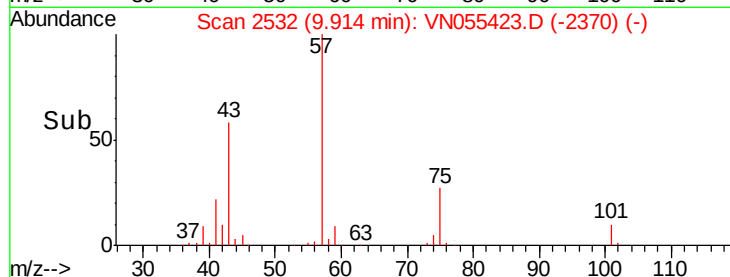
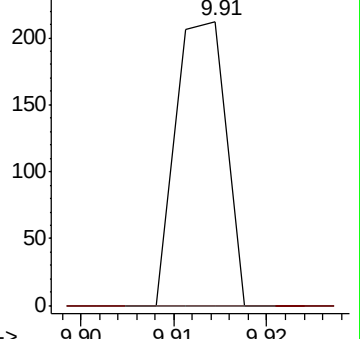
63 100

106 0.0 19.0 28.4#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V



#59

2-Hexanone

Concen: 35.768 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.02 min

Lab File: VN055423.D

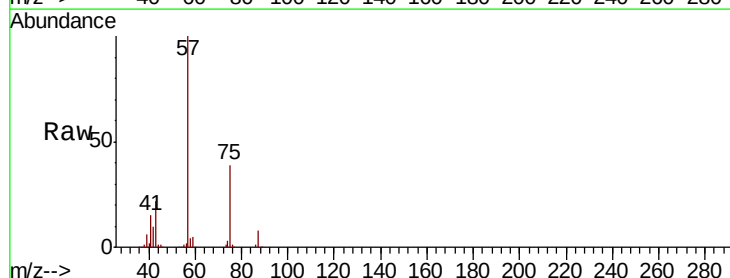
Acq: 6 May 2019 18:20

Tgt Ion: 43 Resp: 116882

Ion Ratio Lower Upper

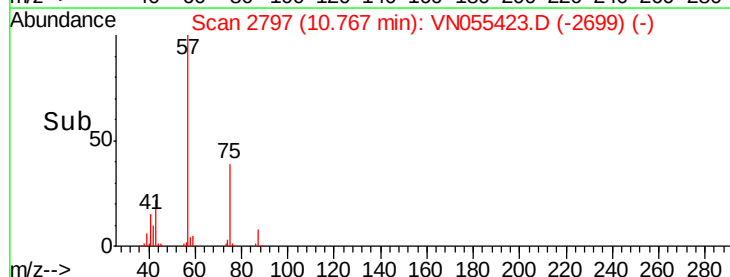
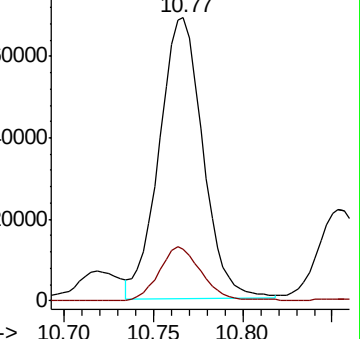
43 100

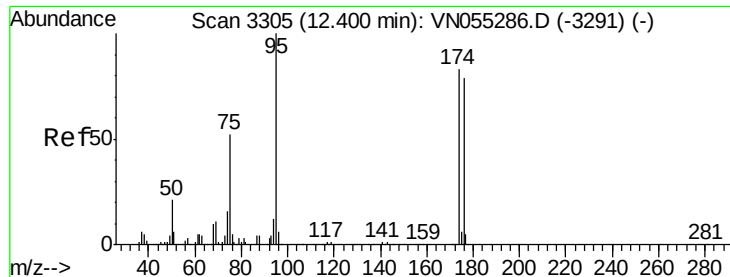
58 18.7 24.9 74.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 47.044 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN055423.D

Acq: 6 May 2019 18:20

Instrument :

MSVOA_N

ClientSampleId :

SSSI-0502-S-TCLP-10

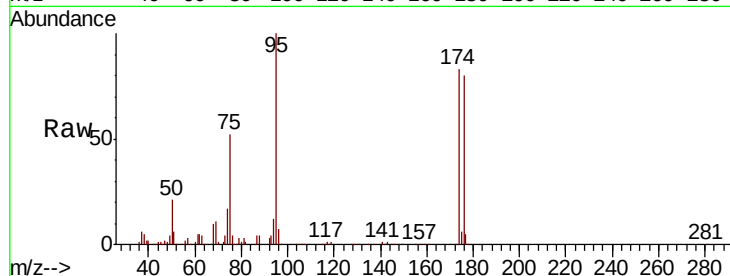
Tot Ion: 95 Resp: 273997

Ion Ratio Lower Upper

95 100

174 83.1 0.0 166.6

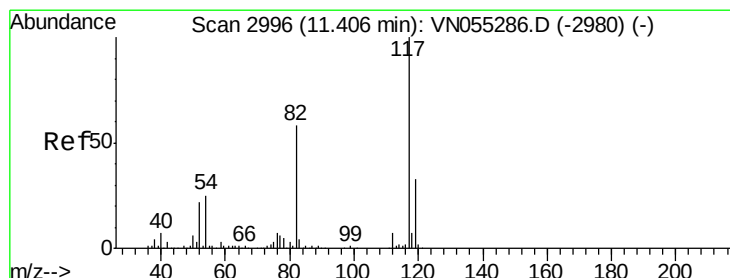
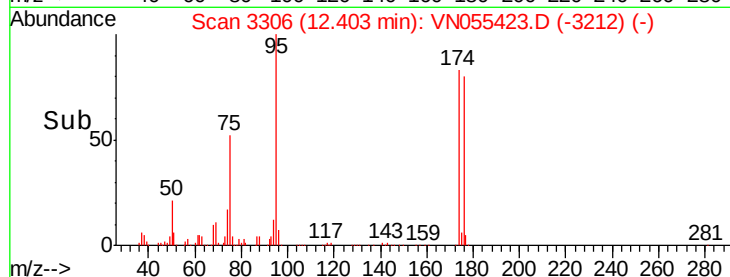
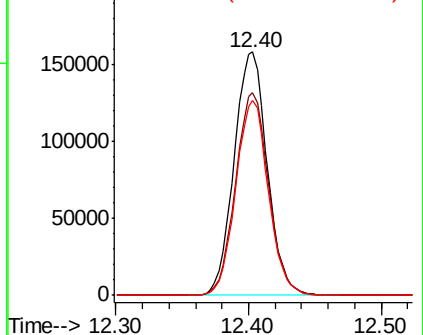
176 79.0 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN

Ion 175.80 (175.50 to 176.50): VN



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055423.D

Acq: 6 May 2019 18:20

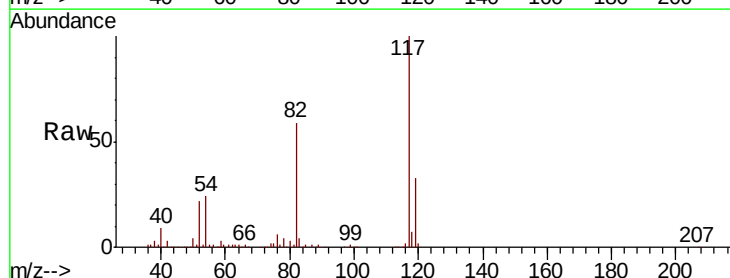
Tgt Ion: 117 Resp: 642274

Ion Ratio Lower Upper

117 100

82 58.6 46.2 69.4

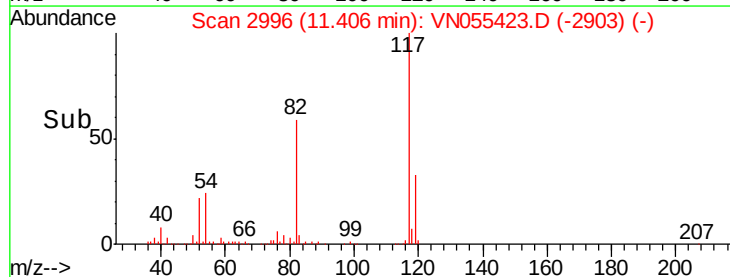
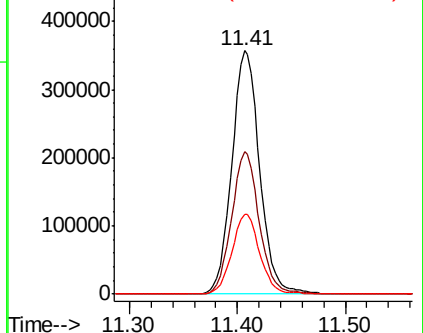
119 32.8 26.6 40.0

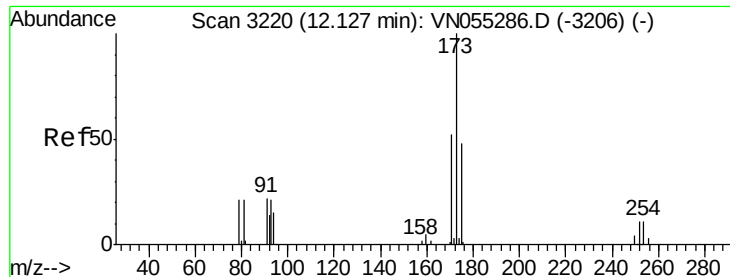


Abundance Ion 116.90 (116.60 to 117.60): VN

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): VN





#71

Bromoform

Concen: 0.273 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.27 min

Lab File: VN055423.D

Acq: 6 May 2019 18:20

Instrument :

MSVOA_N

ClientSampleId :

SSSI-0502-S-TCLP-10

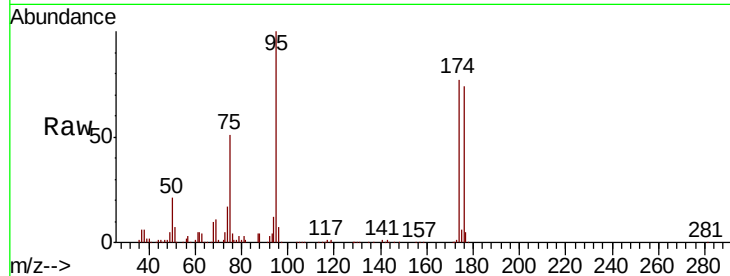
Tot Ion:173 Resp: 746

Ion Ratio Lower Upper

173 100

175 0.0 23.6 71.0#

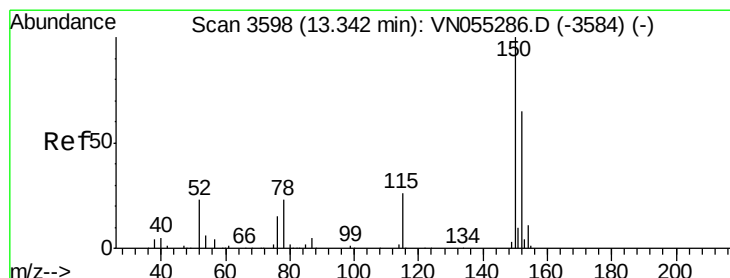
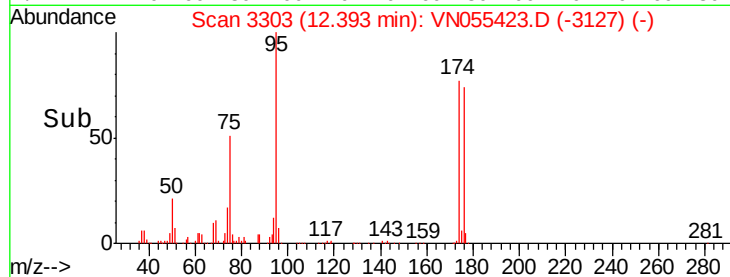
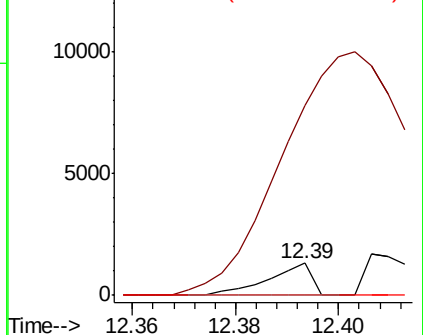
254 0.0 0.0 0.0



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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN055423.D

Acq: 6 May 2019 18:20

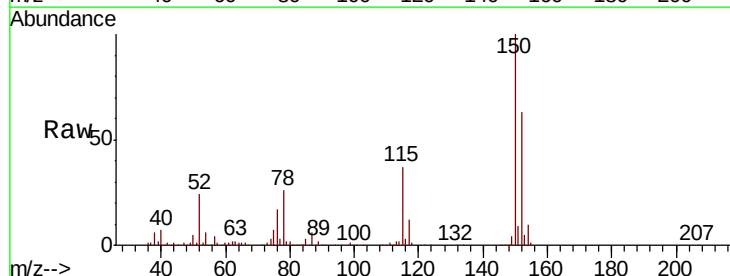
Tgt Ion:152 Resp: 187263

Ion Ratio Lower Upper

152 100

115 58.6 29.0 87.0

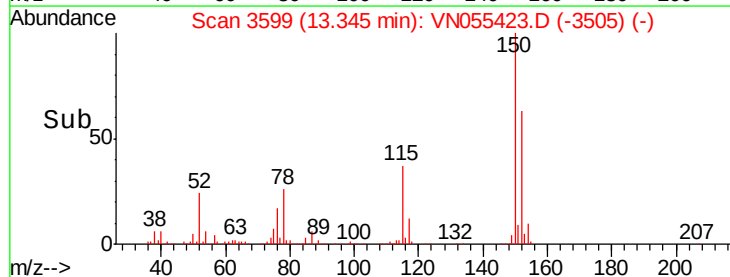
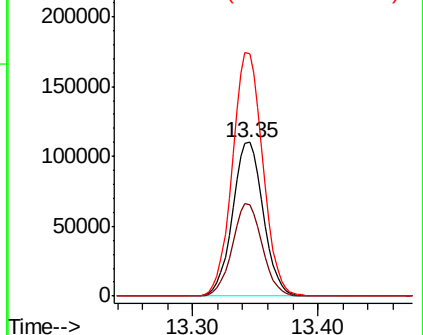
150 156.5 0.0 345.6

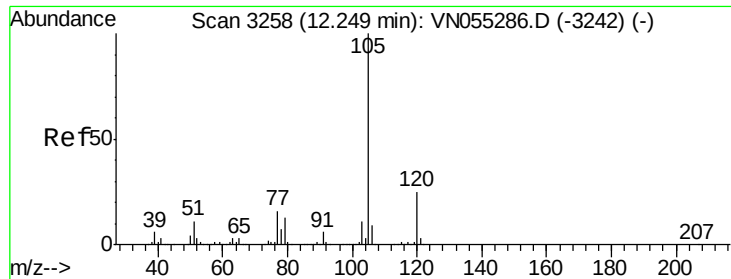


Abundance Ion 151.90 (151.60 to 152.60): V

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# 3258

Delta R.T. 0.00 min

Lab File: VN055423.D

Acq: 6 May 2019 18:20

Instrument :

MSVOA_N

ClientSampleId :

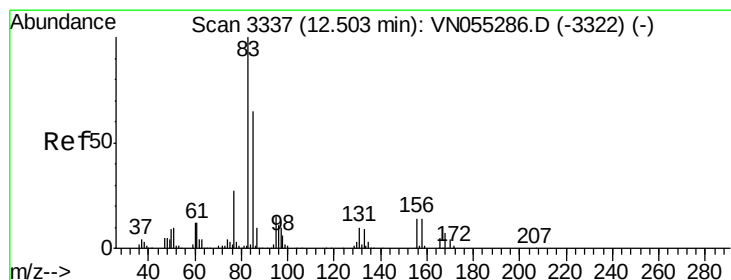
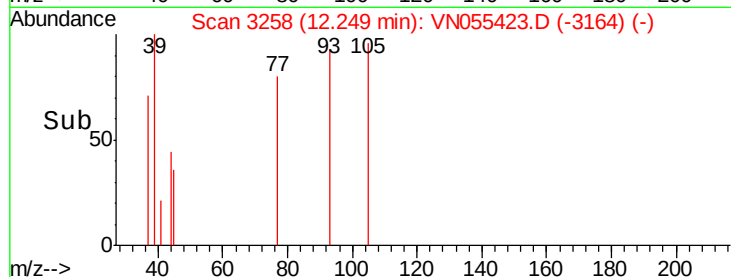
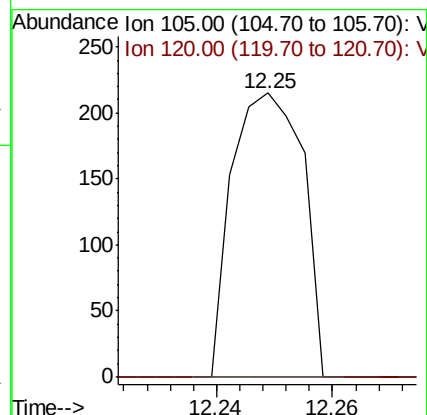
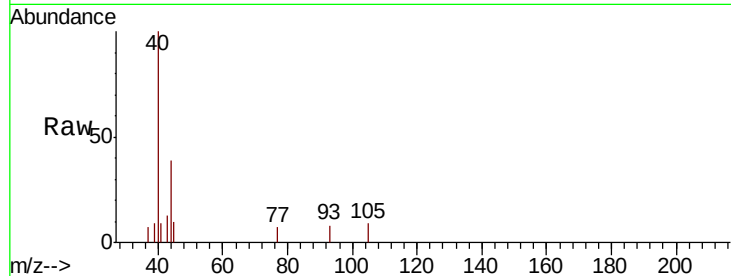
SSSI-0502-S-TCLP-10

Tot Ion:105 Resp: 181

Ion Ratio Lower Upper

105 100

120 0.0 12.9 38.7#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.41 min Scan# 3308

Delta R.T. -0.09 min

Lab File: VN055423.D

Acq: 6 May 2019 18:20

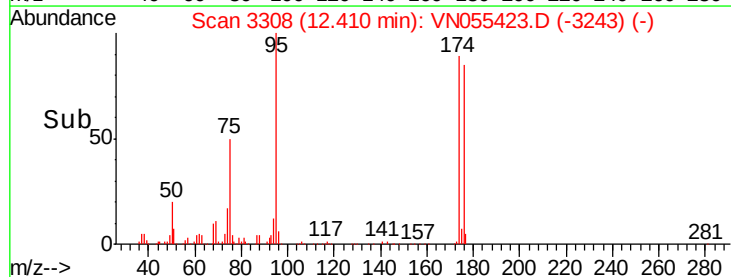
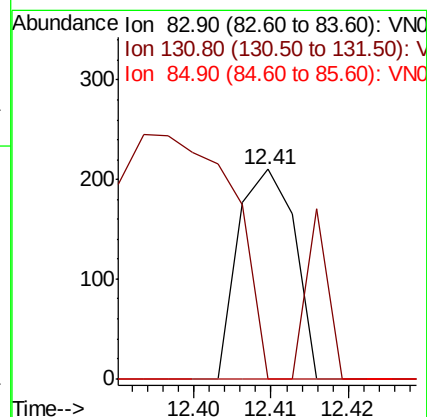
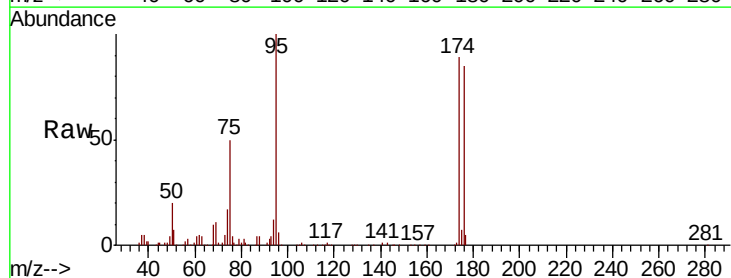
Tgt Ion: 83 Resp: 107

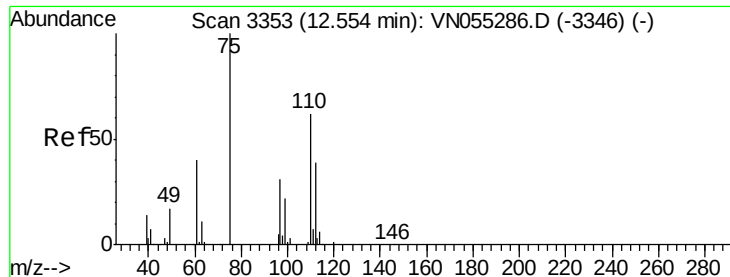
Ion Ratio Lower Upper

83 100

131 30.8 5.1 15.2#

85 0.0 32.3 96.8#





#76

1,2,3-Trichloropropane

Concen: 39.548 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055423.D

Acq: 6 May 2019 18:20

Instrument :

MSVOA_N

ClientSampleId :

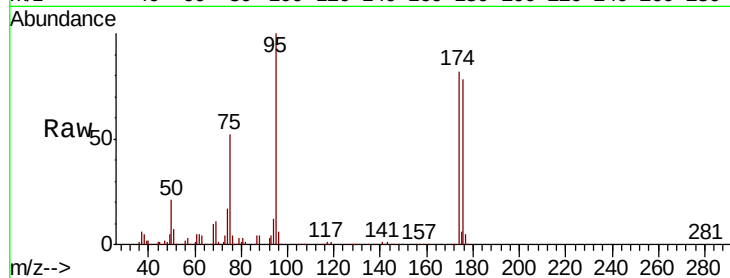
SSSI-0502-S-TCLP-10

Tot Ion: 75 Resp: 139488

Ion Ratio Lower Upper

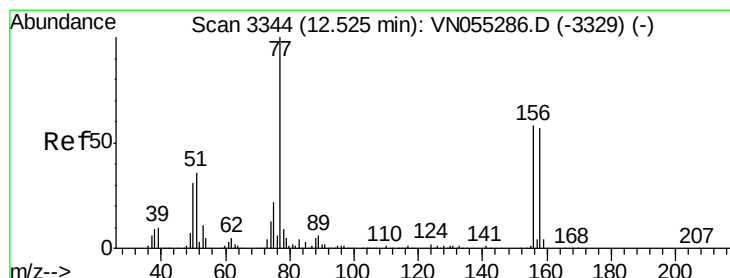
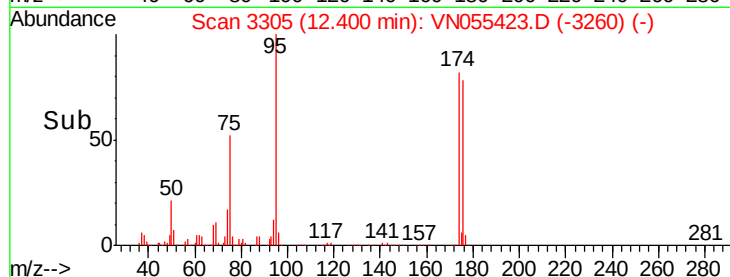
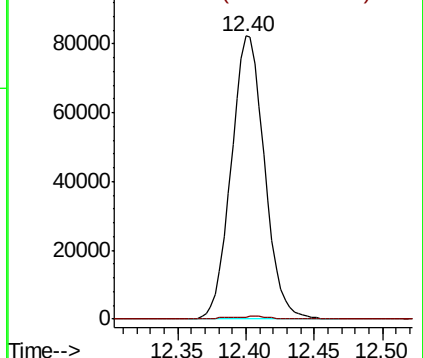
75 100

77 0.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN055423.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN055423.D (-3260) (-)



#77

Bromobenzene

Concen: Below Cal

RT: 12.53 min Scan# 3346

Delta R.T. 0.01 min

Lab File: VN055423.D

Acq: 6 May 2019 18:20

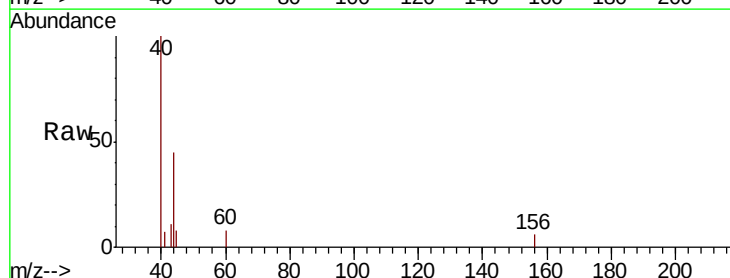
Tgt Ion: 156 Resp: 31

Ion Ratio Lower Upper

156 100

77 0.0 99.6 298.8#

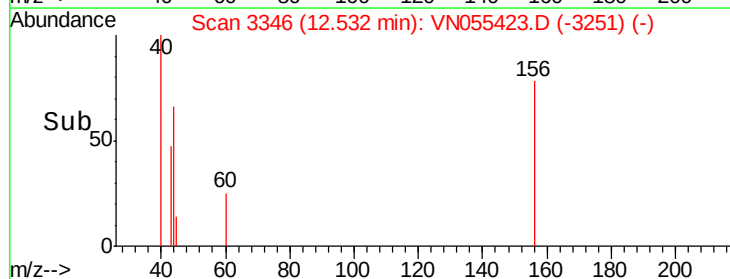
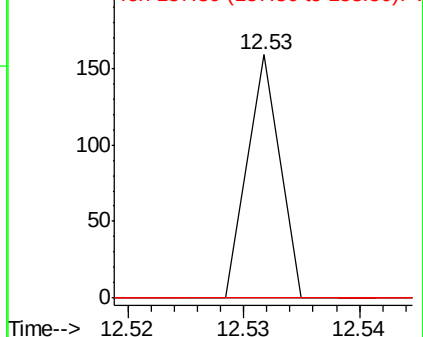
158 0.0 49.3 147.8#

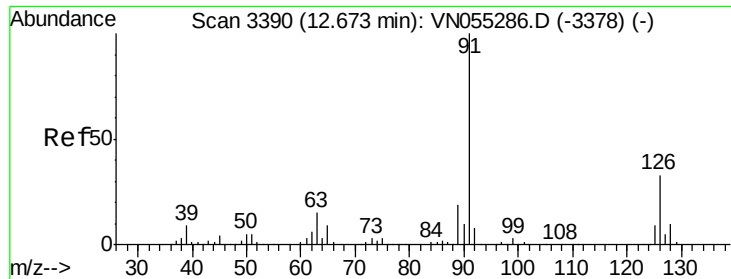


Abundance Ion 155.80 (155.50 to 156.50): VN055423.D (-3251) (-)

Ion 77.00 (76.70 to 77.70): VN055423.D (-3251) (-)

Ion 157.80 (157.50 to 158.50): VN055423.D (-3251) (-)





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN055423.D

Acq: 6 May 2019 18:20

Instrument :

MSVOA_N

ClientSampleId :

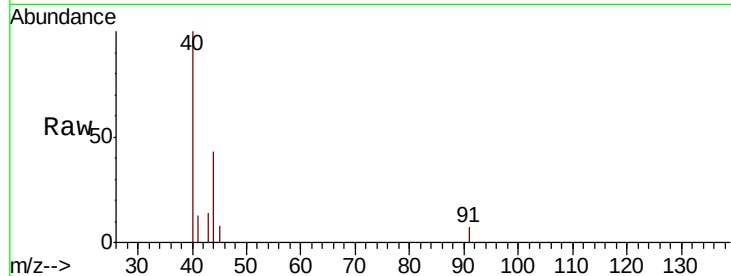
SSSI-0502-S-TCLP-10

Tot Ion: 91 Resp: 66

Ion Ratio Lower Upper

91 100

126 0.0 16.6 49.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

12.68

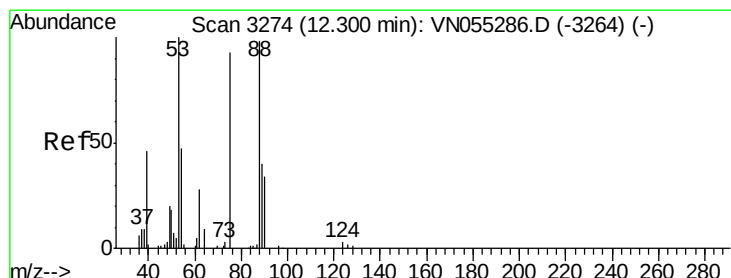
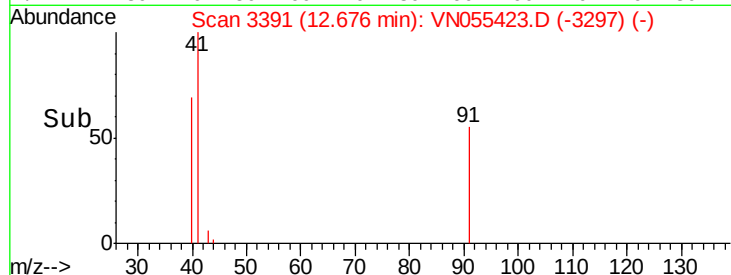
150

100

50

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 141.159 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055423.D

Acq: 6 May 2019 18:20

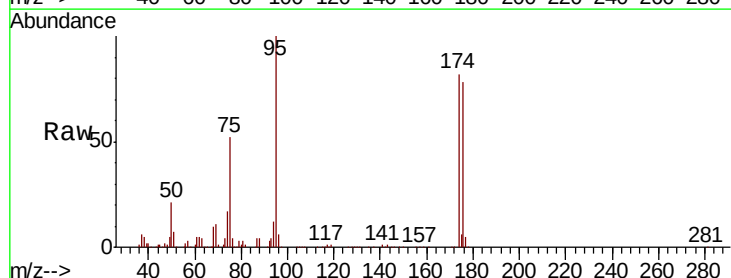
Tgt Ion: 75 Resp: 139488

Ion Ratio Lower Upper

75 100

53 0.0 86.3 129.5#

89 0.0 34.6 51.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

100000

80000

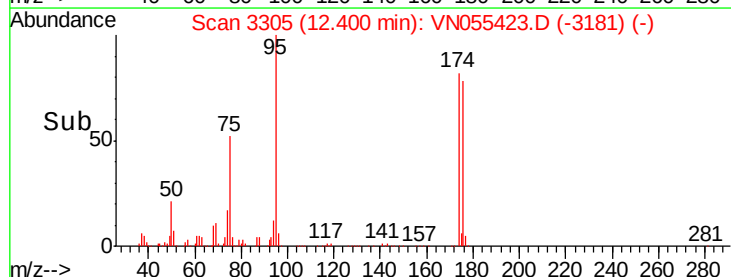
60000

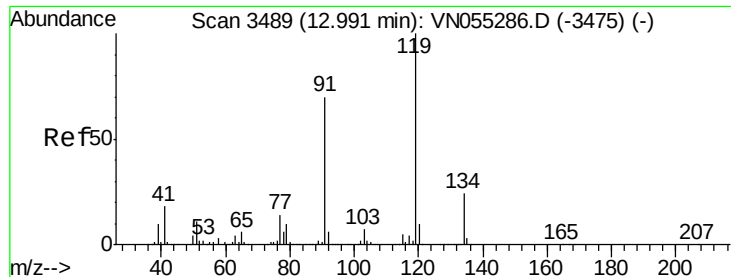
40000

20000

0

Time-->





#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN055423.D

Acq: 6 May 2019 18:20

Instrument :

MSVOA_N

ClientSampleId :

SSSI-0502-S-TCLP-10

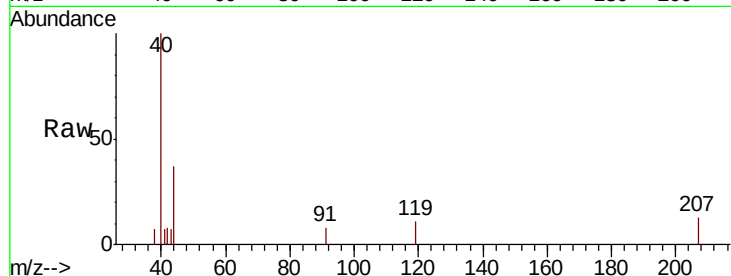
Tot Ion:119 Resp: 174

Ion Ratio Lower Upper

119 100

91 40.2 34.3 102.9

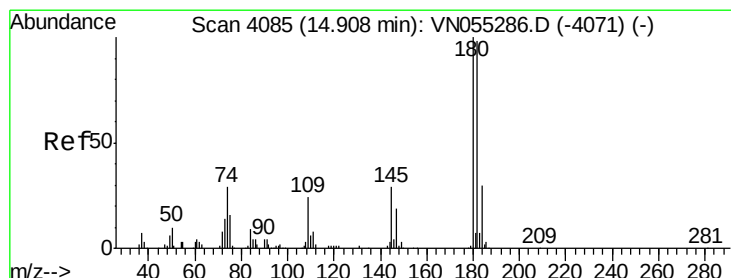
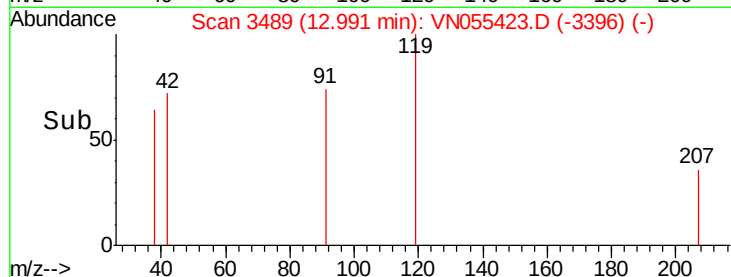
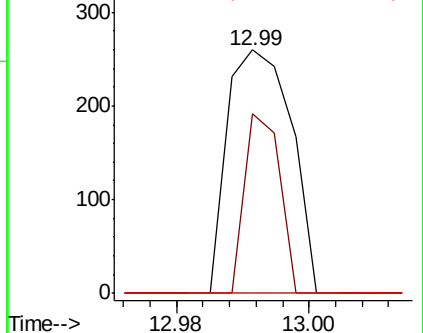
134 0.0 13.1 39.3#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#93

1,2,4-Trichlorobenzene

Concen: 3.348 ug/l

RT: 14.92 min Scan# 4088

Delta R.T. 0.01 min

Lab File: VN055423.D

Acq: 6 May 2019 18:20

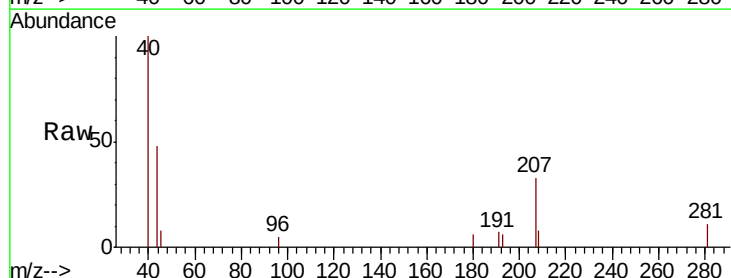
Tgt Ion:180 Resp: 97

Ion Ratio Lower Upper

180 100

182 0.0 48.3 144.9#

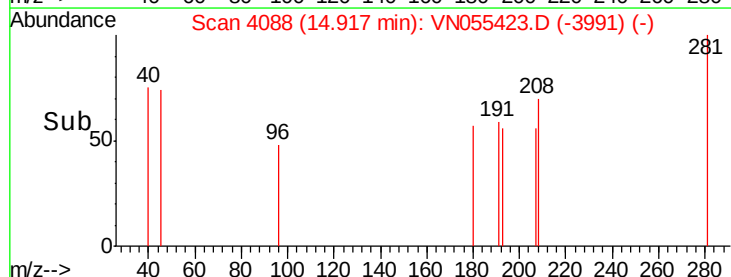
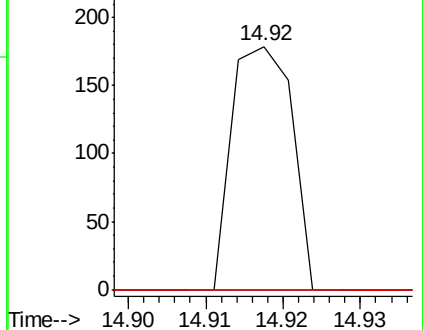
145 0.0 14.2 42.6#

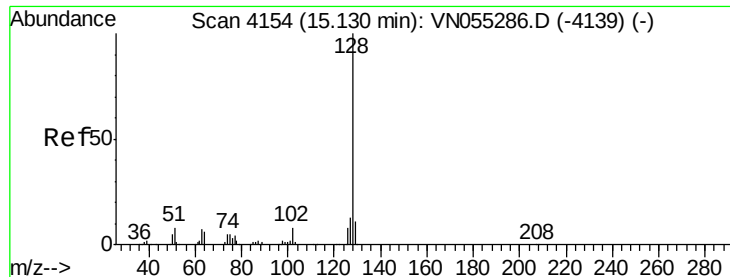


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 3.481 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN055423.D

Acq: 6 May 2019 18:20

Instrument :

MSVOA_N

ClientSampleId :

SSSI-0502-S-TCLP-10

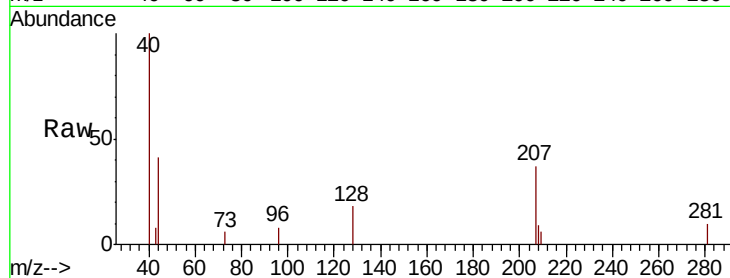
Tot Ion:128 Resp: 853

Ion Ratio Lower Upper

128 100

127 7.3 10.7 16.1#

129 0.0 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

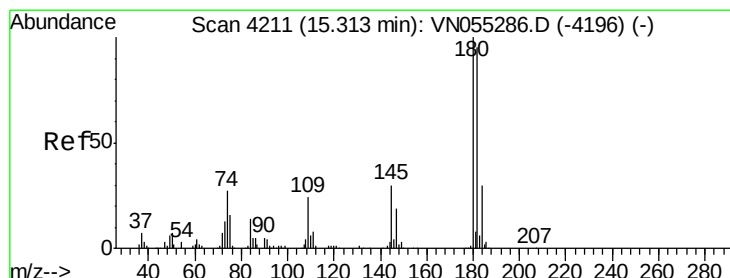
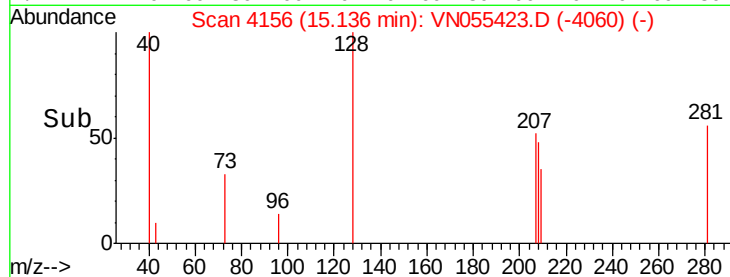
15.14

400

200

0

Time-->



#96

1,2,3-Trichlorobenzene

Concen: 2.654 ug/l

RT: 15.30 min Scan# 4208

Delta R.T. -0.01 min

Lab File: VN055423.D

Acq: 6 May 2019 18:20

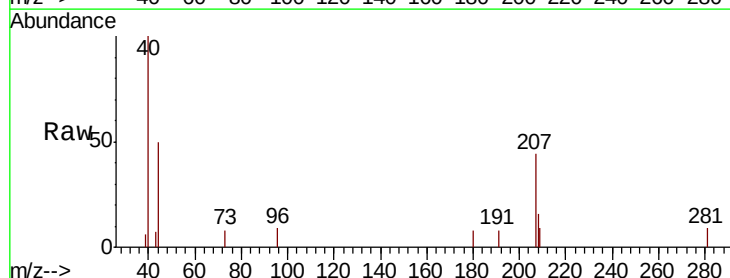
Tgt Ion:180 Resp: 104

Ion Ratio Lower Upper

180 100

182 111.5 48.3 144.9

145 0.0 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

15.30

200

150

100

50

0

Time-->

