

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050619\
 Data File : VN055422.D
 Acq On : 6 May 2019 17:54
 Operator : JC/SP
 Sample : K2680-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SSSI-0502-S-TCLP-8

Quant Time: May 07 01:11:10 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	492259	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	771442	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	621145	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	179822	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	315615	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
35) Dibromofluoromethane	7.59	113	246432	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
50) Toluene-d8	10.09	98	909739	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
62) 4-Bromofluorobenzene	12.40	95	265982	46.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.10%	

Target Compounds

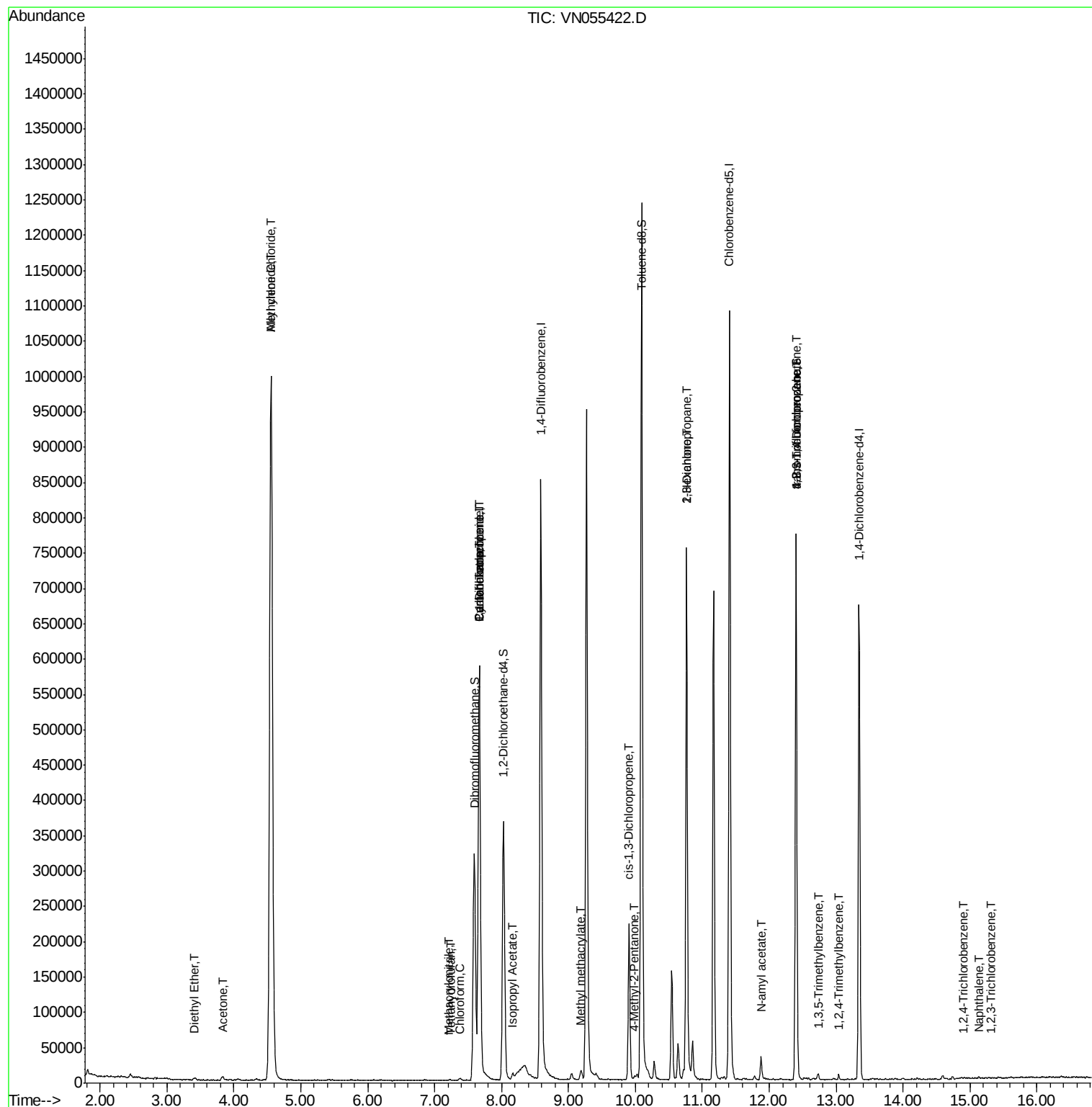
					Qvalue	
8) Diethyl Ether	3.42	74	1271	0.424	ug/l	55
14) Allyl chloride	4.56	41	34835	3.459	ug/l #	26
16) Acetone	3.83	43	7621	3.798	ug/l	99
18) Methyl Acetate	4.35	43	3652	Below Cal	#	85
20) Methylene Chloride	4.55	84	707785	115.562	ug/l	98
29) Tetrahydrofuran	7.23	42	990	0.602	ug/l #	58
30) Chloroform	7.36	83	2992	0.296	ug/l	89
31) Cyclohexane	7.67	56	10263	1.013	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	38857	5.259	ug/l #	50
38) Carbon Tetrachloride	7.66	117	47539	6.669	ug/l #	17
41) Methacrylonitrile	7.20	41	232	0.814	ug/l #	23
43) Isopropyl Acetate	8.17	43	10670	1.172	ug/l #	88
48) Methyl methacrylate	9.18	41	4851	1.084	ug/l #	18
51) 4-Methyl-2-Pentanone	9.98	43	2723	0.531	ug/l	94
54) cis-1,3-Dichloropropene	9.90	75	36014	4.517	ug/l #	67
57) 1,3-Dichloropropane	10.76	76	7176	0.881	ug/l #	43
59) 2-Hexanone	10.76	43	124714	38.899	ug/l #	53
73) Isopropylbenzene	12.25	105	537	Below Cal	#	49
74) N-amyl acetate	11.88	43	11499	2.492	ug/l #	56
76) 1,2,3-Trichloropropane	12.40	75	139932	41.434	ug/l #	100
77) Bromobenzene	12.52	156	430	Below Cal	#	28
79) 2-Chlorotoluene	12.68	91	605	Below Cal	#	42
80) 1,3,5-Trimethylbenzene	12.73	105	4049	0.287	ug/l	90
81) trans-1,4-Dichloro-2-buten	12.40	75	139932	147.468	ug/l #	7
83) tert-Butylbenzene	12.98	119	223	Below Cal	#	57
84) 1,2,4-Trimethylbenzene	13.04	105	3922	0.311	ug/l	92
90) Hexachloroethane	13.95	117	101	Below Cal	#	7
93) 1,2,4-Trichlorobenzene	14.90	180	147	3.369	ug/l #	12
94) Hexachlorobutadiene	15.02	225	98	Below Cal	#	20
95) Naphthalene	15.13	128	1935	3.690	ug/l #	81
96) 1,2,3-Trichlorobenzene	15.30	180	164	2.680	ug/l #	64

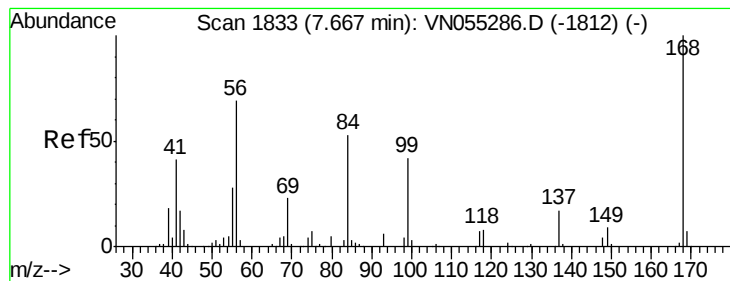
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 30 07:16:52 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN055422.D

Acq: 6 May 2019 17:54

Instrument :

MSVOA_N

ClientSampleId :

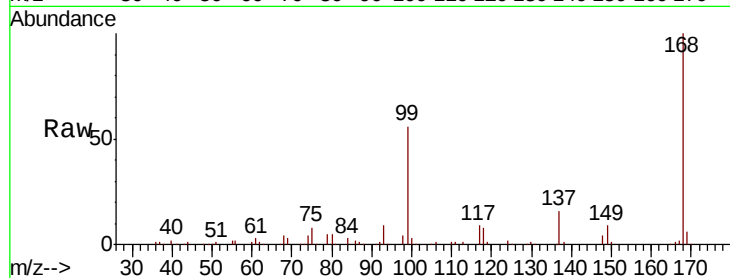
SSSI-0502-S-TCLP-8

Tot Ion:168 Resp: 492259

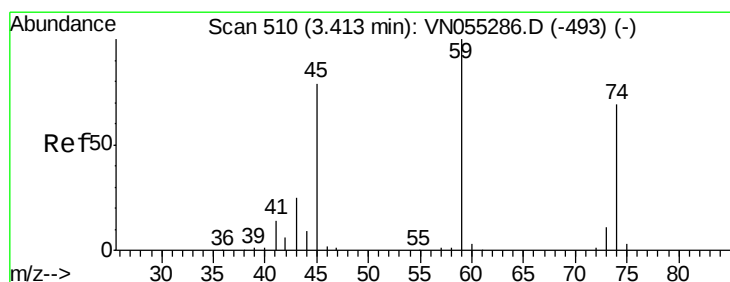
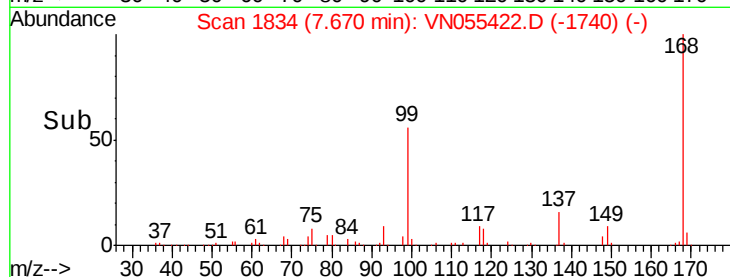
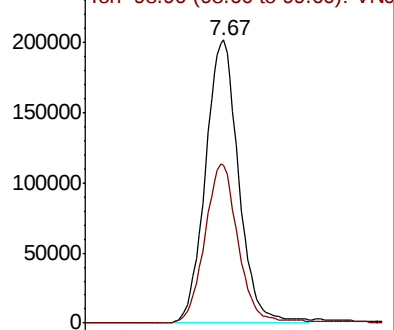
Ion Ratio Lower Upper

168 100

99 56.0 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): VN055422.D (-1740) (-)



#8

Diethyl Ether

Concen: 0.424 ug/l

RT: 3.42 min Scan# 511

Delta R.T. 0.00 min

Lab File: VN055422.D

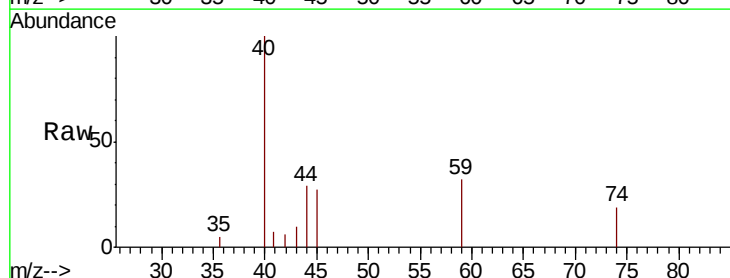
Acq: 6 May 2019 17:54

Tgt Ion: 74 Resp: 1271

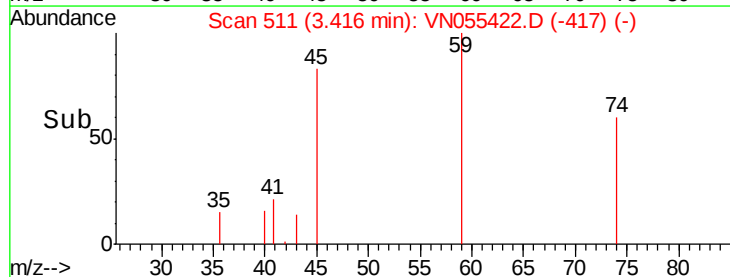
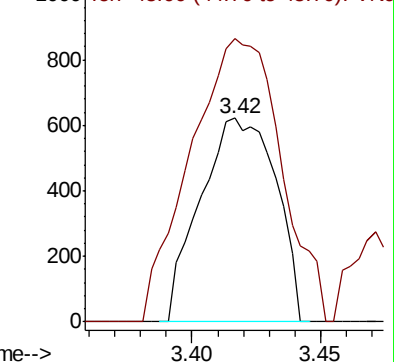
Ion Ratio Lower Upper

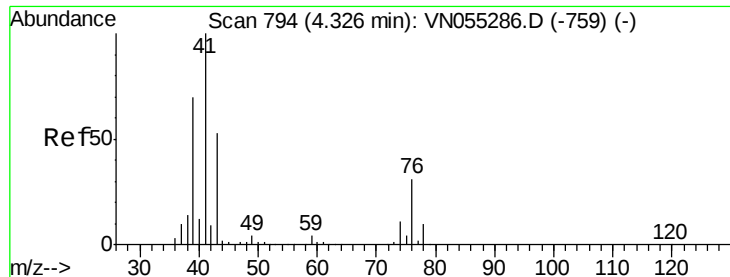
74 100

45 166.7 58.9 176.6



Abundance Ion 74.00 (73.70 to 74.70): VN055422.D (-417) (-)





#14

Allvl chloride

Concen: 3.459 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.23 min

Lab File: VN055422.D

Acq: 6 May 2019 17:54

Instrument :

MSVOA_N

ClientSampleId :

SSSI-0502-S-TCLP-8

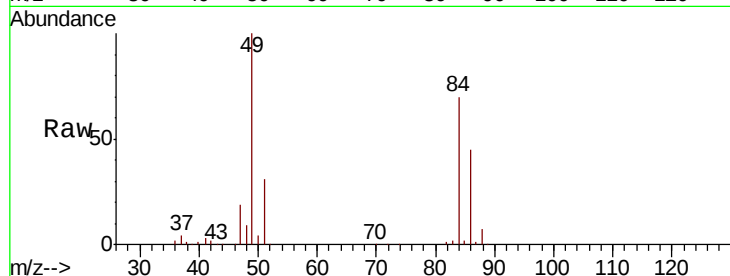
Tot Ion: 41 Resp: 34835

Ion Ratio Lower Upper

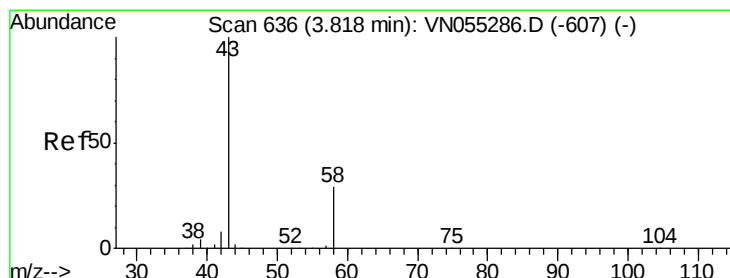
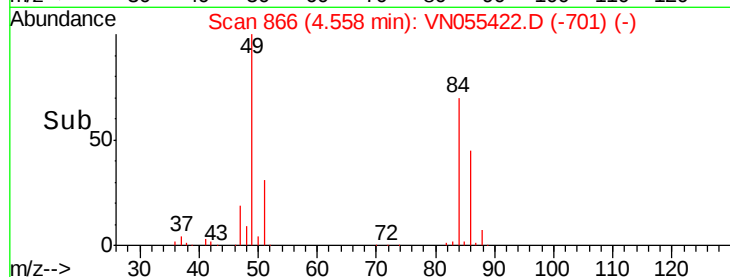
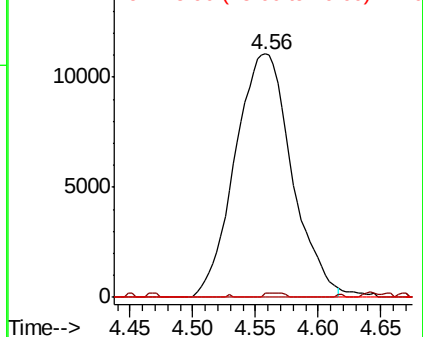
41 100

39 0.6 53.0 79.6#

76 0.0 22.7 34.1#



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 75.90 (75.60 to 76.60): VN0



#16

Acetone

Concen: 3.798 ug/l

RT: 3.83 min Scan# 640

Delta R.T. 0.01 min

Lab File: VN055422.D

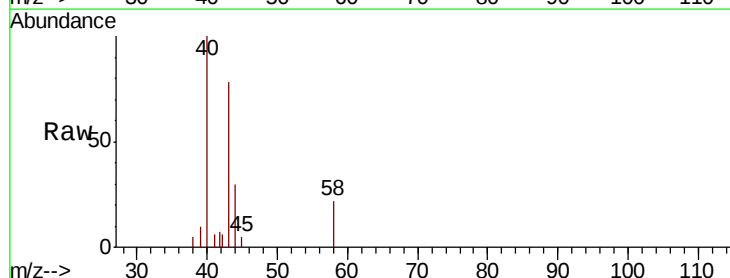
Acq: 6 May 2019 17:54

Tgt Ion: 43 Resp: 7621

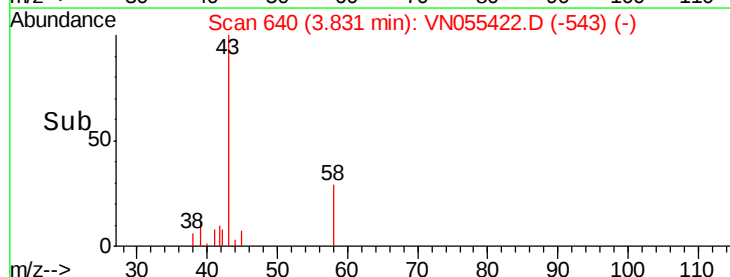
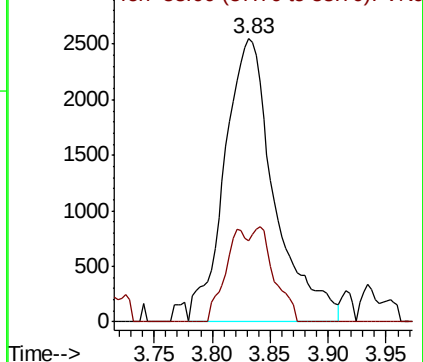
Ion Ratio Lower Upper

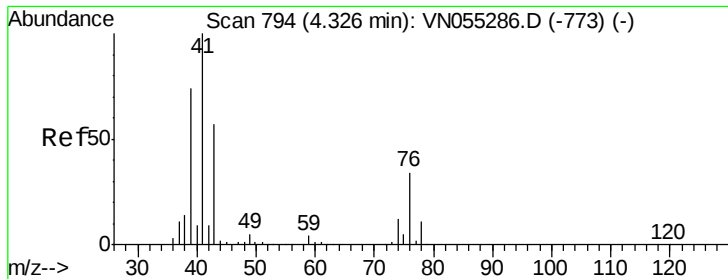
43 100

58 28.7 23.6 35.4



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

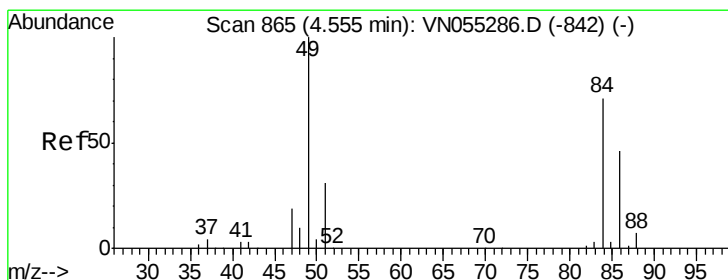
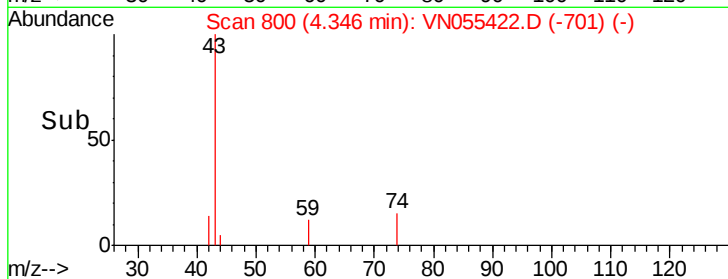
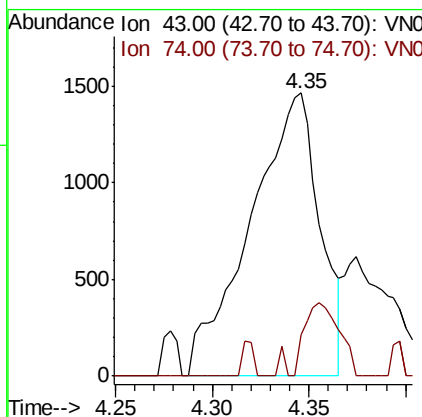
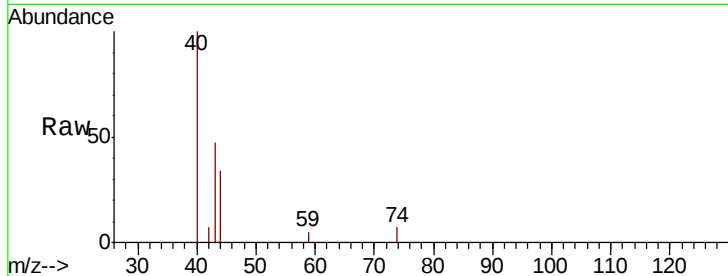




#18
Methyl Acetate
Concen: Below Cal
RT: 4.35 min Scan# 800
Delta R.T. 0.02 min
Lab File: VN055422.D
Acq: 6 May 2019 17:54

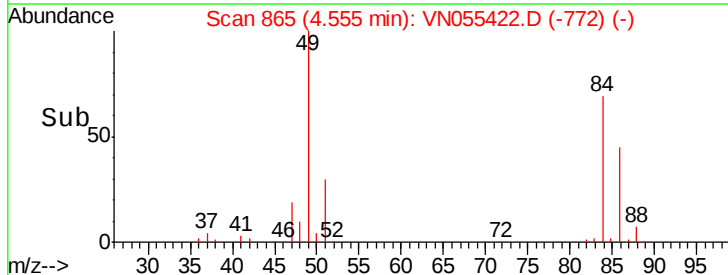
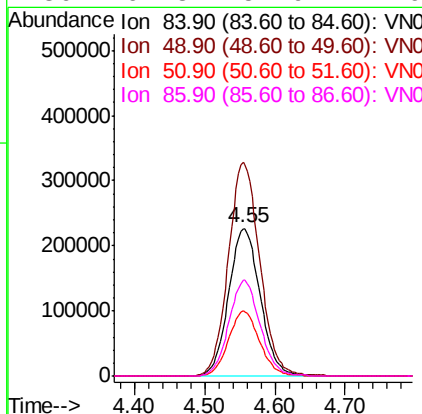
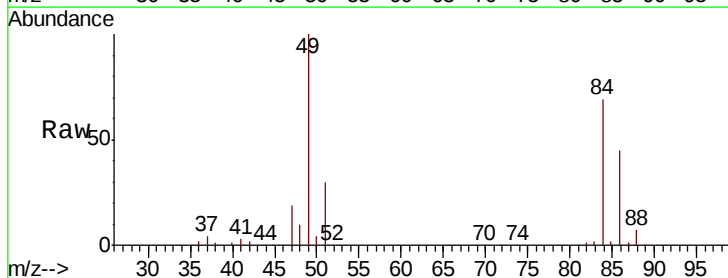
Instrument :
MSVOA_N
ClientSampleId :
SSSI-0502-S-TCLP-8

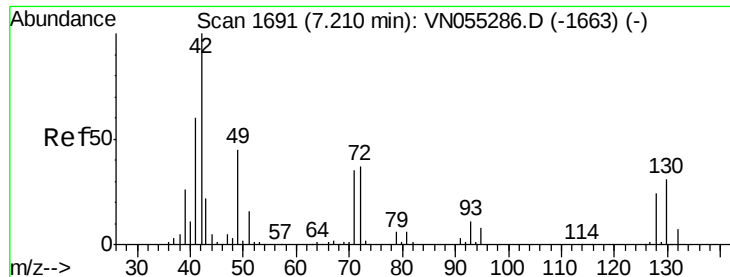
Tot Ion: 43 Resp: 3652
Ion Ratio Lower Upper
43 100
74 13.1 15.8 23.8#



#20
Methylene Chloride
Concen: 115.562 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055422.D
Acq: 6 May 2019 17:54

Tgt Ion: 84 Resp: 707785
Ion Ratio Lower Upper
84 100
49 144.9 112.4 168.6
51 44.2 34.6 51.8
86 64.8 51.9 77.9





#29

Tetrahydrofuran

Concen: 0.602 ug/l

RT: 7.23 min Scan# 1697

Delta R.T. 0.02 min

Lab File: VN055422.D

Acq: 6 May 2019 17:54

Instrument :

MSVOA_N

ClientSampleId :

SSSI-0502-S-TCLP-8

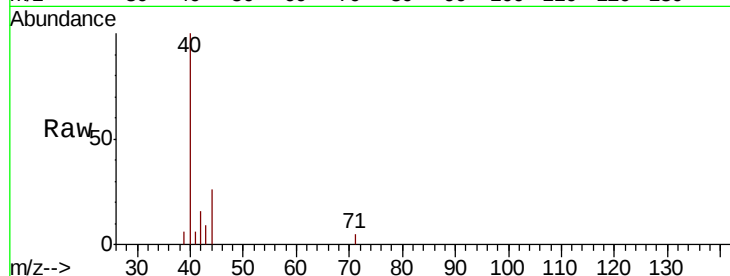
Tot Ion: 42 Resp: 990

Ion Ratio Lower Upper

42 100

72 9.7 29.0 43.6#

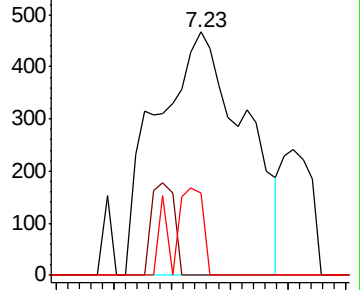
71 12.3 27.1 40.7#



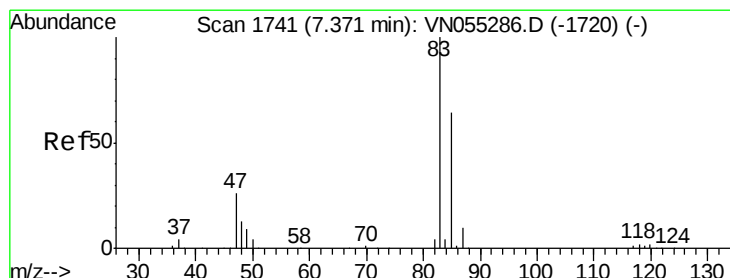
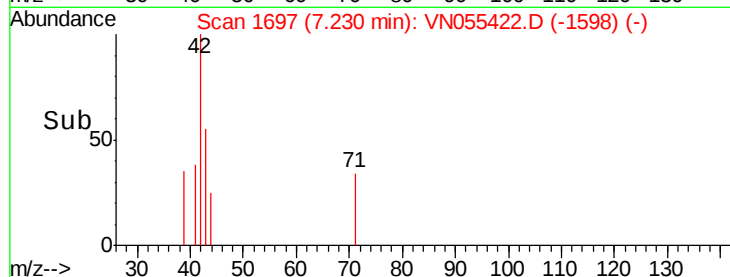
Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



Time--> 7.18 7.20 7.22 7.24 7.26



#30

Chloroform

Concen: 0.296 ug/l

RT: 7.36 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VN055422.D

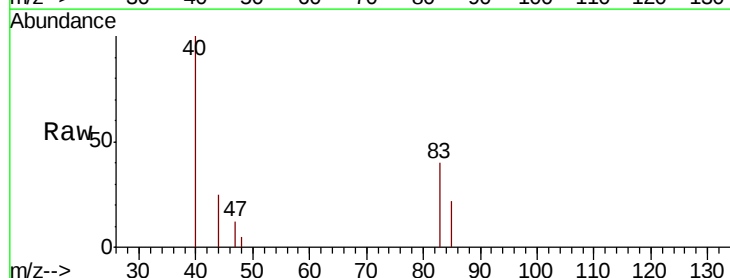
Acq: 6 May 2019 17:54

Tgt Ion: 83 Resp: 2992

Ion Ratio Lower Upper

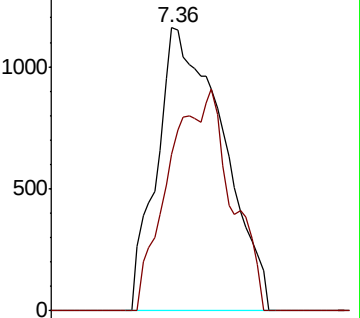
83 100

85 55.3 51.4 77.2

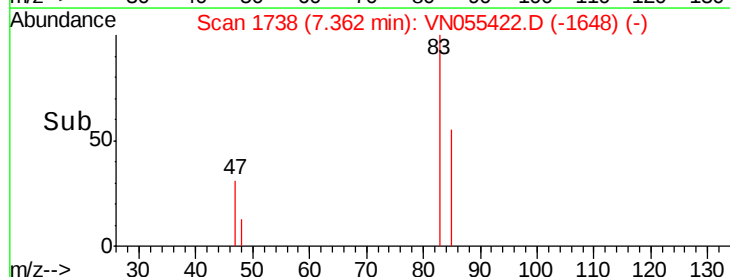


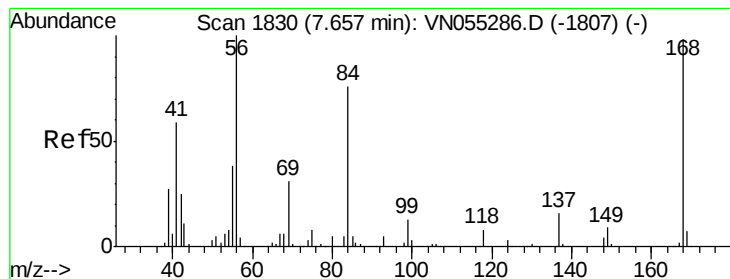
Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0



Time--> 7.30 7.35 7.40





#31

Cyclohexane

Concen: 1.013 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN055422.D

Acq: 6 May 2019 17:54

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ClientSampleId :

SSSI-0502-S-TCLP-8

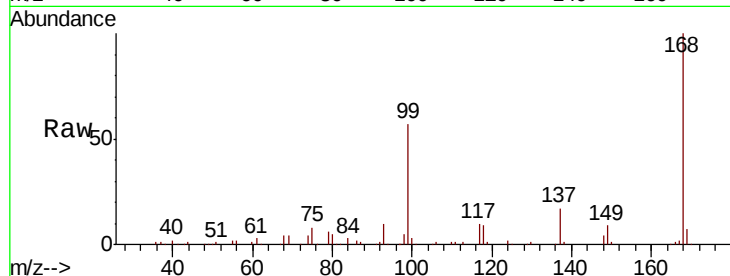
Tot Ion: 56 Resp: 10263

Ion Ratio Lower Upper

56 100

69 179.2 25.2 37.8#

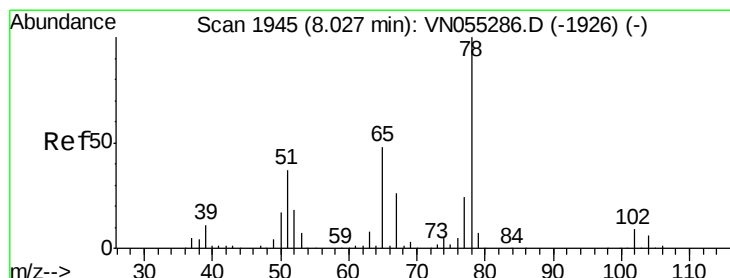
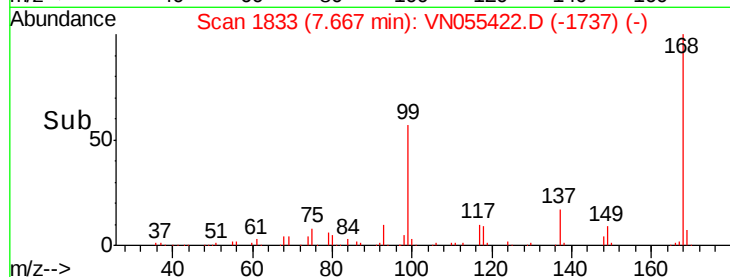
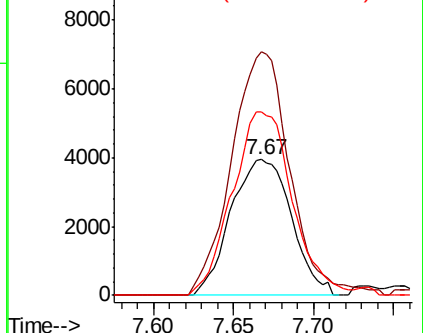
84 135.2 61.1 91.7#



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: 49.010 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055422.D

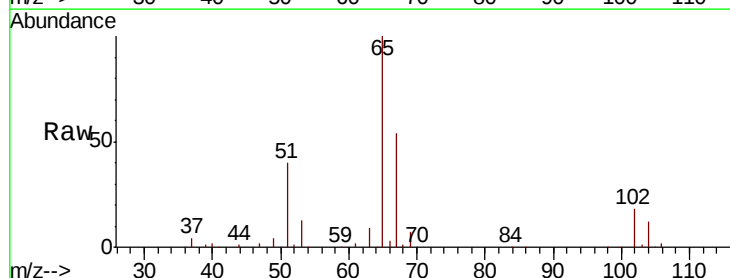
Acq: 6 May 2019 17:54

Tgt Ion: 65 Resp: 315615

Ion Ratio Lower Upper

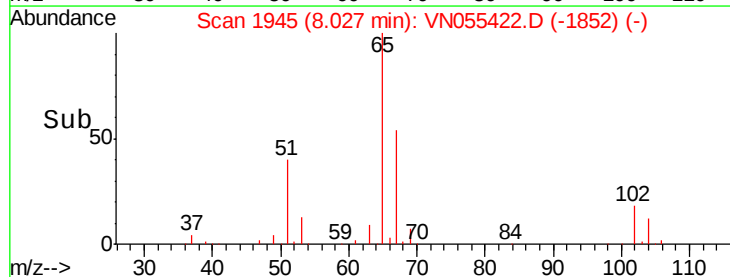
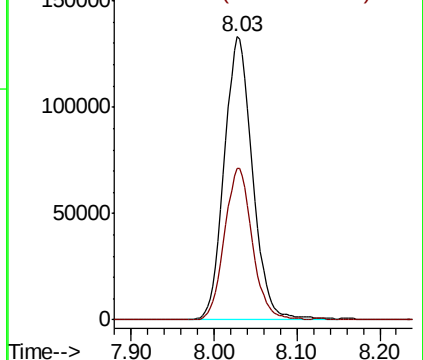
65 100

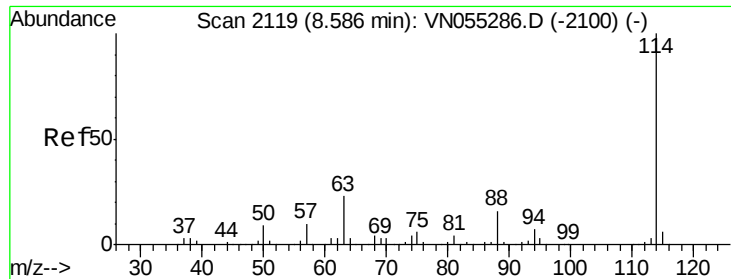
67 52.8 0.0 106.8



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: VN055422.D

Acq: 6 May 2019 17:54

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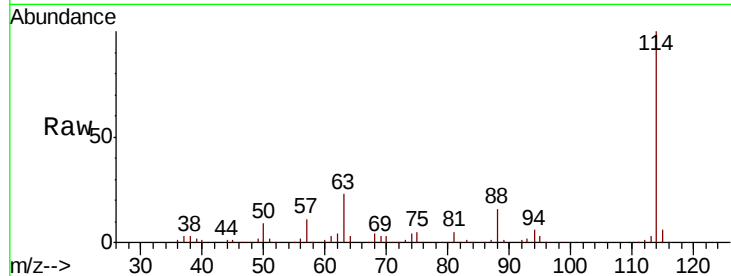
Tot Ion:114 Resp: 771442

Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.2

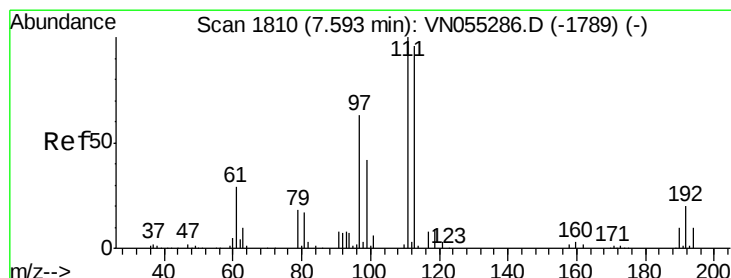
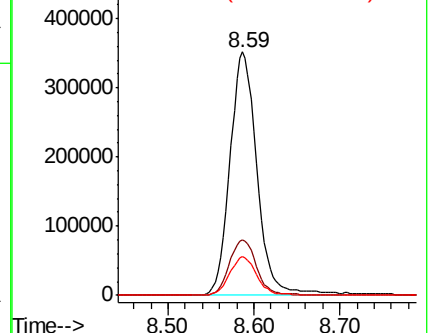
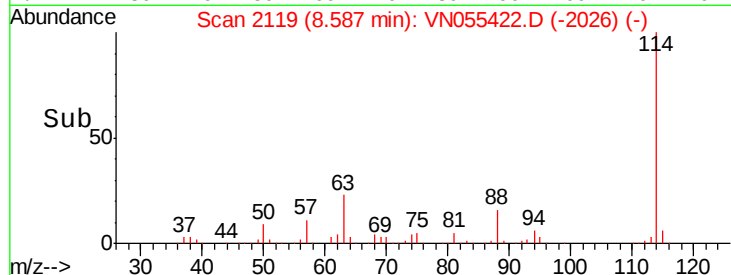
88 15.9 0.0 31.6



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: 48.668 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055422.D

Acq: 6 May 2019 17:54

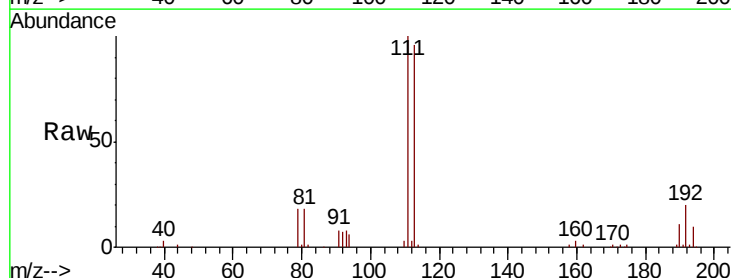
Tgt Ion:113 Resp: 246432

Ion Ratio Lower Upper

113 100

111 101.7 82.3 123.5

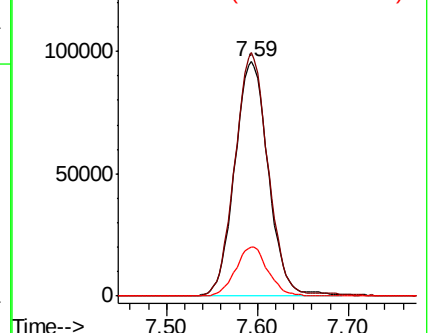
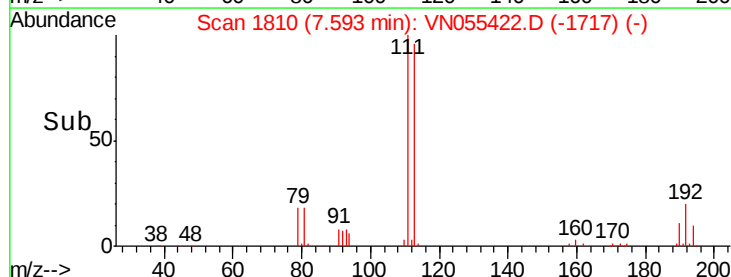
192 20.3 17.0 25.6

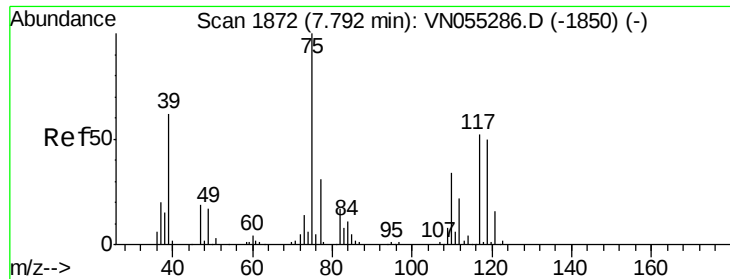


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.259 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN055422.D

Acq: 6 May 2019 17:54

Instrument :

MSVOA_N

ClientSampleId :

SSSI-0502-S-TCLP-8

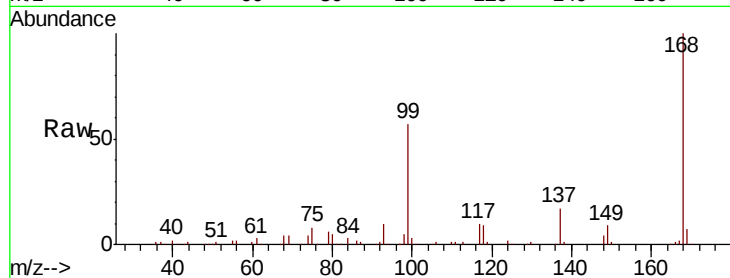
Tot Ion: 75 Resp: 38857

Ion Ratio Lower Upper

75 100

110 8.8 16.8 50.4#

77 0.0 25.0 37.6#

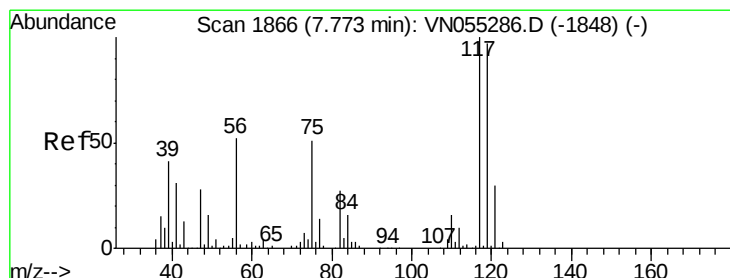
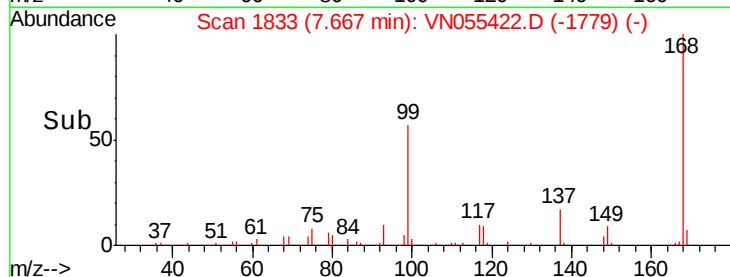


Abundance Ion 74.90 (74.60 to 75.60): VN055422.D (-1779) (-)

Ion 109.90 (109.60 to 110.60): VN055422.D (-1779) (-)

Ion 76.90 (76.60 to 77.60): VN055422.D (-1779) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 6.669 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN055422.D

Acq: 6 May 2019 17:54

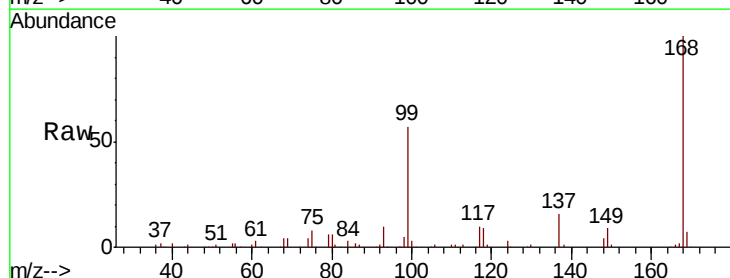
Tgt Ion: 117 Resp: 47539

Ion Ratio Lower Upper

117 100

119 6.3 77.0 115.6#

121 0.0 23.8 35.8#

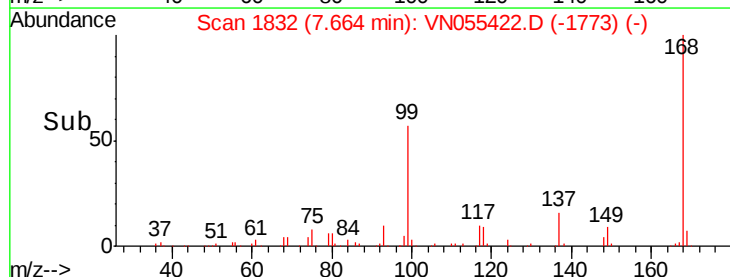


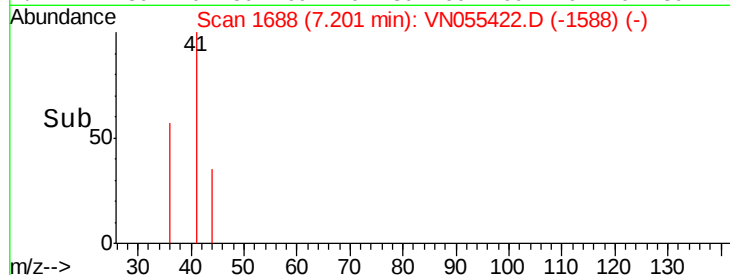
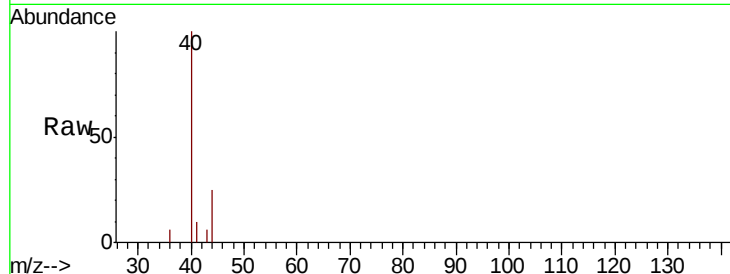
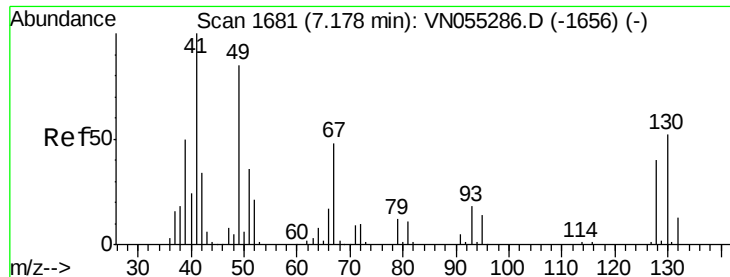
Abundance Ion 116.80 (116.50 to 117.50): VN055422.D (-1773) (-)

Ion 118.80 (118.50 to 119.50): VN055422.D (-1773) (-)

Ion 120.80 (120.50 to 121.50): VN055422.D (-1773) (-)

Time-->

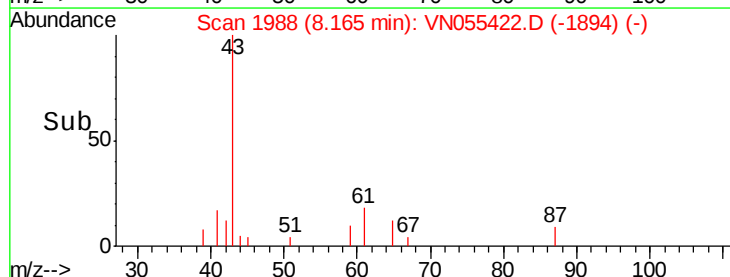
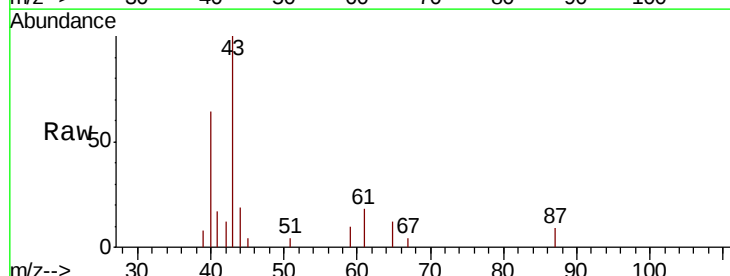
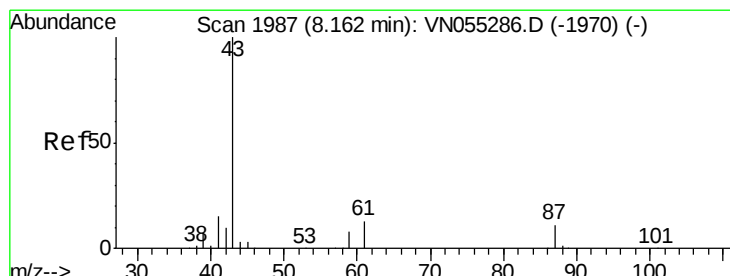
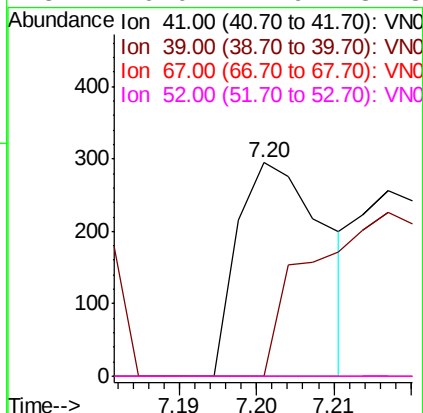




#41
Methacrylonitrile
Concen: 0.814 ug/l
RT: 7.20 min Scan# 1688
Delta R.T. 0.02 min
Lab File: VN055422.D
Acq: 6 May 2019 17:54

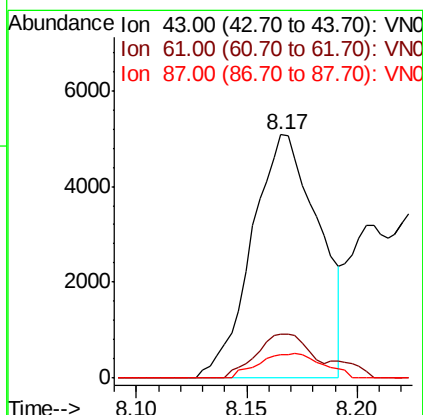
Instrument :
MSVOA_N
ClientSampleId :
SSSI-0502-S-TCLP-8

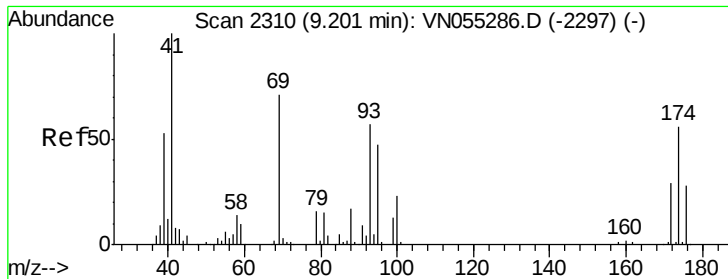
Tot Ion: 41 Resp: 232
Ion Ratio Lower Upper
41 100
39 119.8 48.5 72.7#
67 0.0 54.9 82.3#
52 0.0 24.9 37.3#



#43
Isopropyl Acetate
Concen: 1.172 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN055422.D
Acq: 6 May 2019 17:54

Tgt Ion: 43 Resp: 10670
Ion Ratio Lower Upper
43 100
61 17.6 20.8 31.2#
87 9.6 8.5 12.7





#48

Methvl methacrylate

Concen: 1.084 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.02 min

Lab File: VN055422.D

Acq: 6 May 2019 17:54

Instrument :

MSVOA_N

ClientSampleId :

SSSI-0502-S-TCLP-8

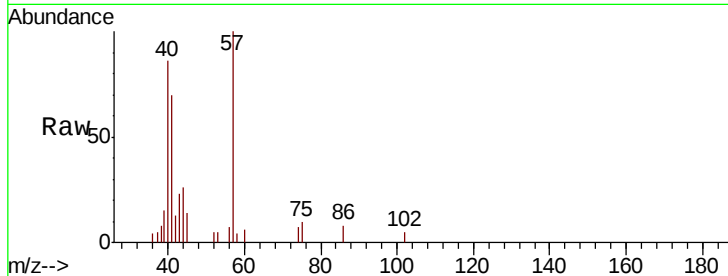
Tot Ion: 41 Resp: 4851

Ion Ratio Lower Upper

41 100

69 0.0 58.6 87.8#

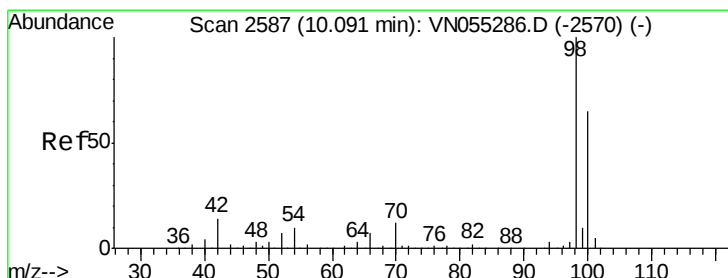
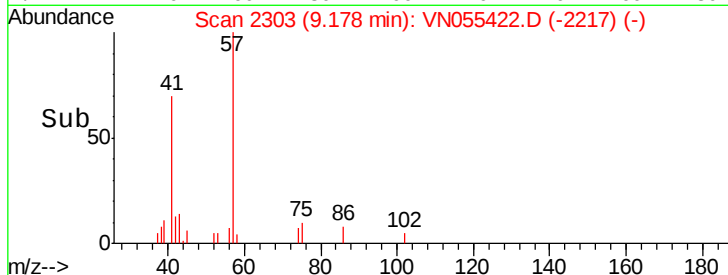
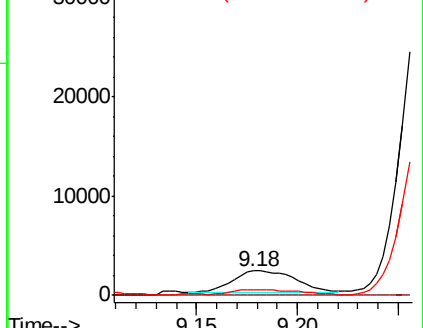
39 0.0 43.8 65.6#



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: 49.757 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055422.D

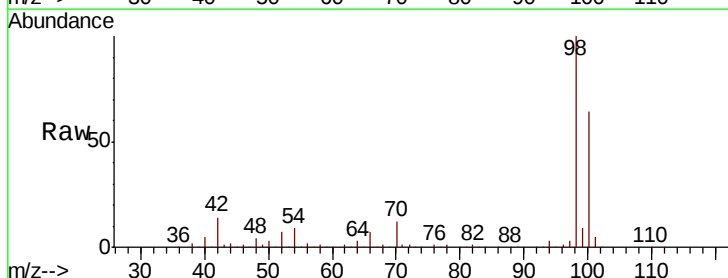
Acq: 6 May 2019 17:54

Tgt Ion: 98 Resp: 909739

Ion Ratio Lower Upper

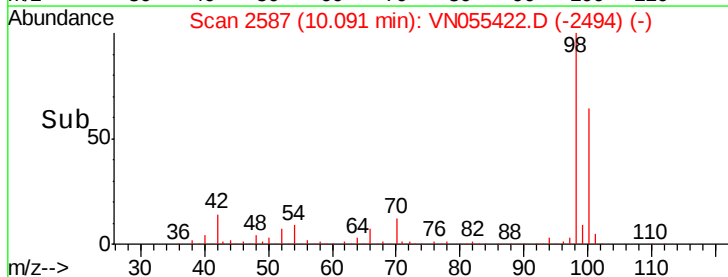
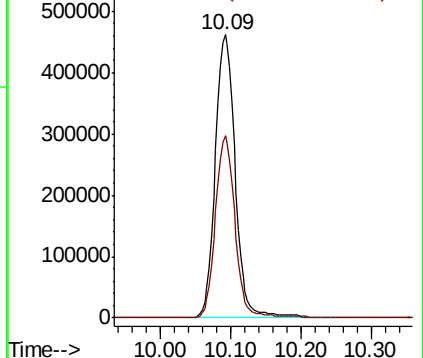
98 100

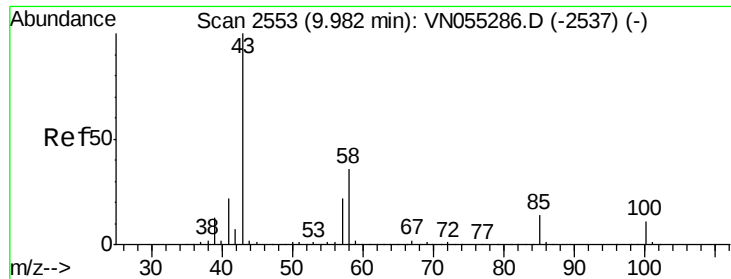
100 63.4 51.7 77.5



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: 0.531 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN055422.D

Acq: 6 May 2019 17:54

Instrument :

MSVOA_N

ClientSampleId :

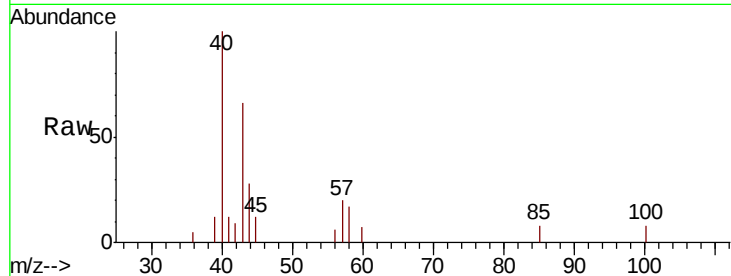
SSSI-0502-S-TCLP-8

Tot Ion: 43 Resp: 2723

Ion Ratio Lower Upper

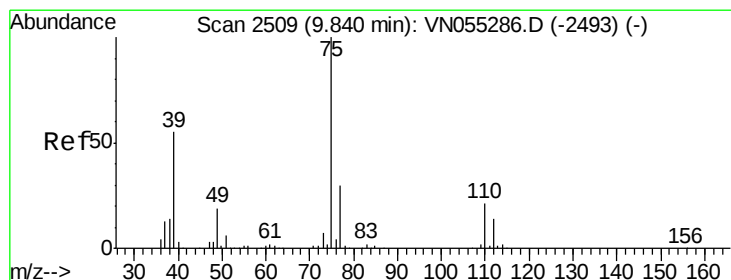
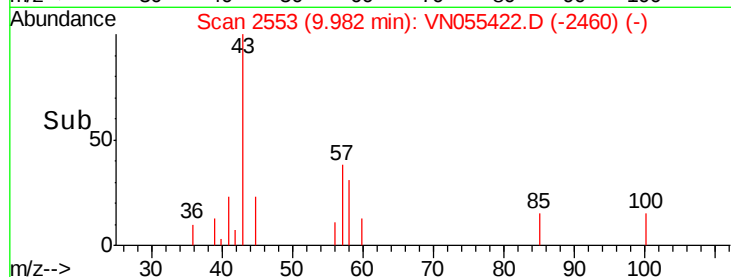
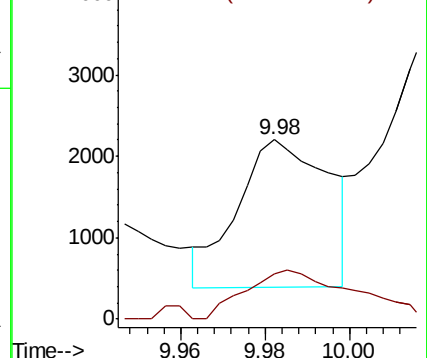
43 100

58 39.1 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 4.517 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN055422.D

Acq: 6 May 2019 17:54

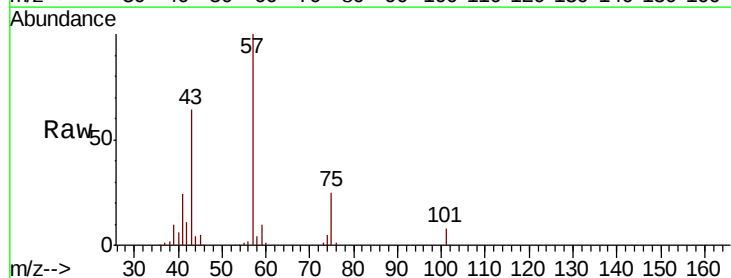
Tgt Ion: 75 Resp: 36014

Ion Ratio Lower Upper

75 100

77 0.0 24.2 36.2#

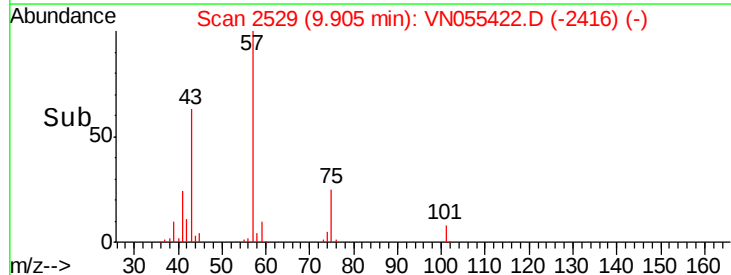
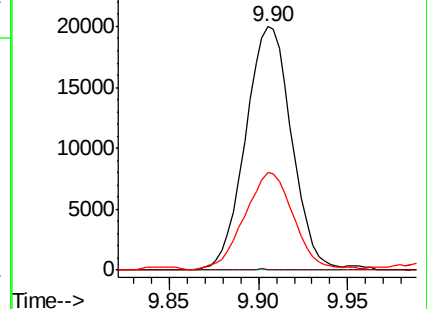
39 40.0 44.2 66.2#

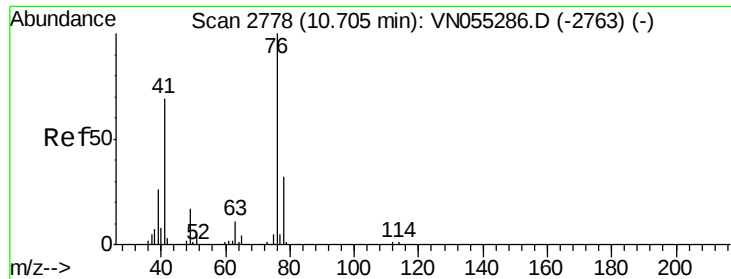


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

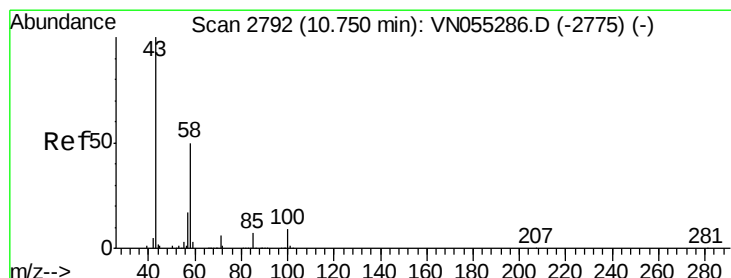
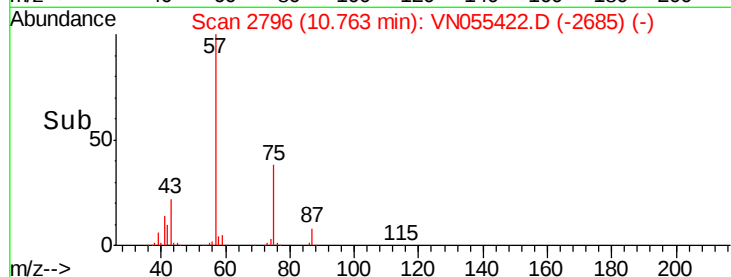
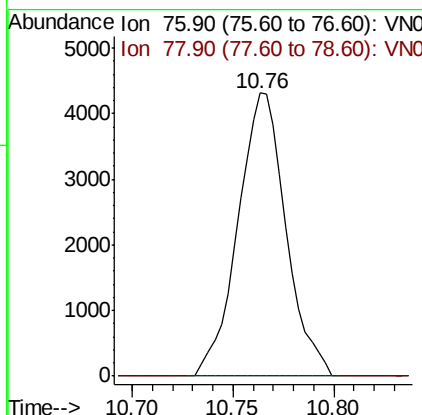
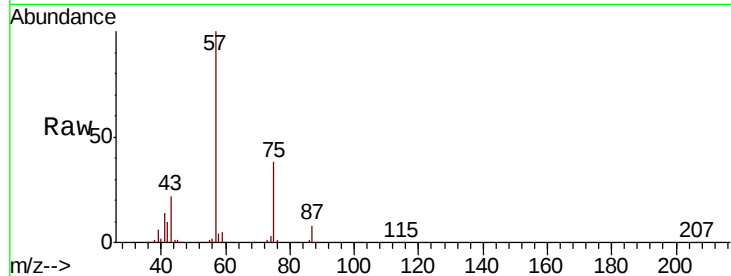




#57
 1,3-Dichloropropane
 Concen: 0.881 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN055422.D
 Acq: 6 May 2019 17:54

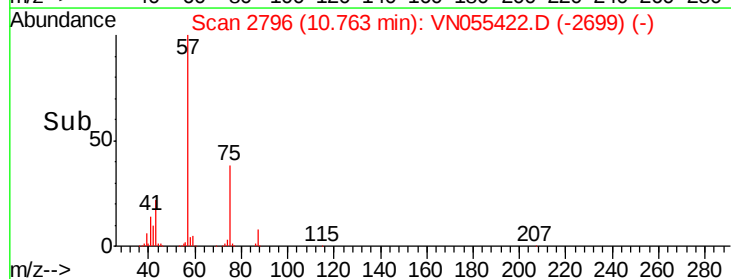
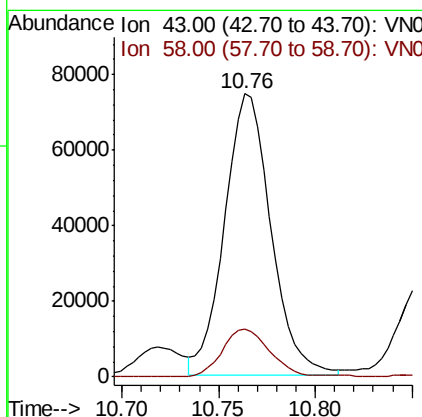
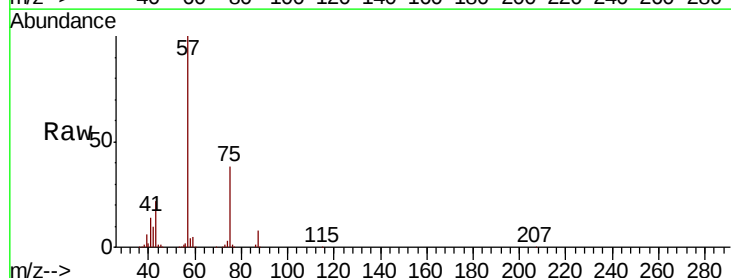
Instrument :
 MSVOA_N
 ClientSampleId :
 SSSI-0502-S-TCLP-8

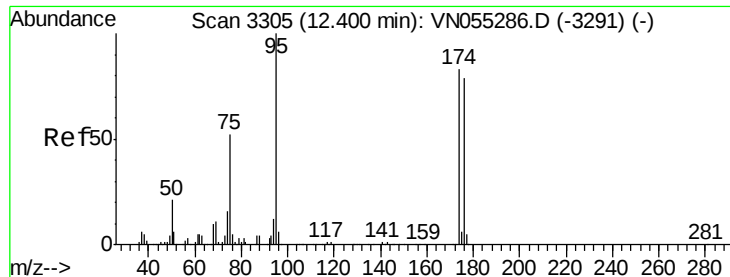
Tot Ion: 76 Resp: 7176
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#



#59
 2-Hexanone
 Concen: 38.899 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN055422.D
 Acq: 6 May 2019 17:54

Tgt Ion: 43 Resp: 124714
 Ion Ratio Lower Upper
 43 100
 58 17.6 24.9 74.6#





#62

4-Bromofluorobenzene

Concen: 46.547 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055422.D

Acq: 6 May 2019 17:54

Instrument :

MSVOA_N

ClientSampleId :

SSSI-0502-S-TCLP-8

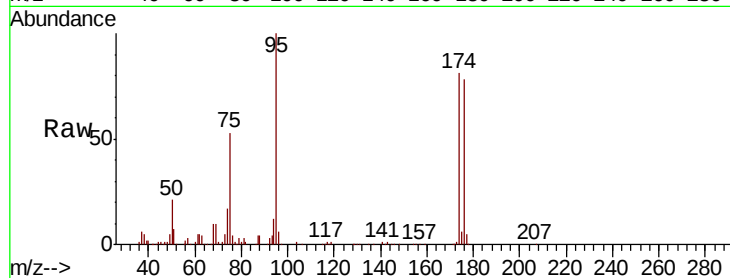
Tot Ion: 95 Resp: 265982

Ion Ratio Lower Upper

95 100

174 82.9 0.0 166.6

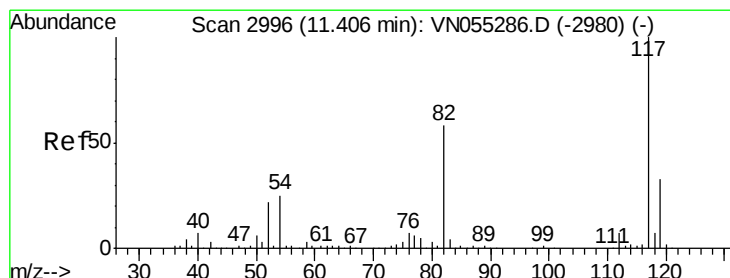
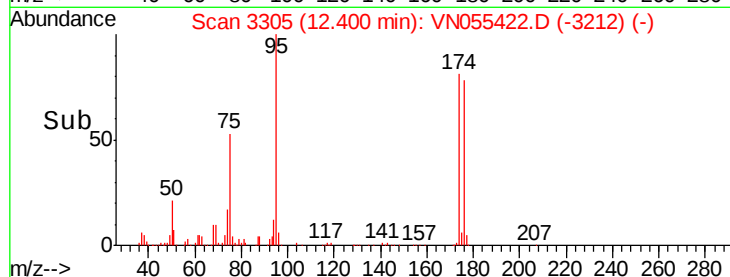
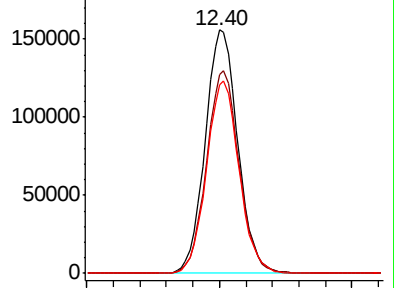
176 78.9 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN055422.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN055422.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN055422.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055422.D

Acq: 6 May 2019 17:54

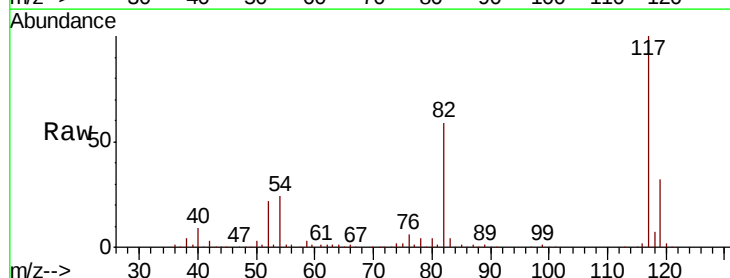
Tgt Ion: 117 Resp: 621145

Ion Ratio Lower Upper

117 100

82 58.5 46.2 69.4

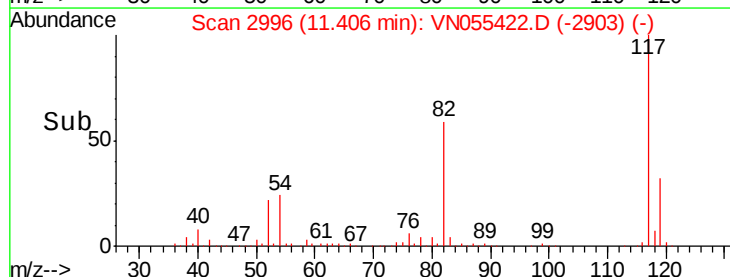
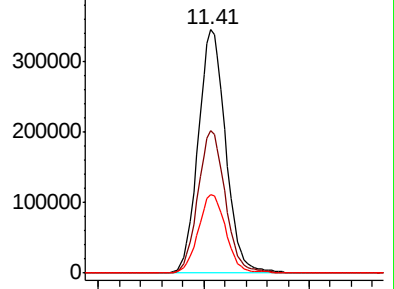
119 32.2 26.6 40.0

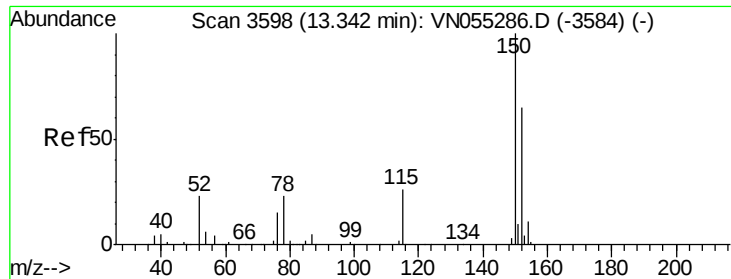


Abundance Ion 116.90 (116.60 to 117.60): VN055422.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055422.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055422.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055422.D

Acq: 6 May 2019 17:54

Instrument :

MSVOA_N

ClientSampleId :

SSSI-0502-S-TCLP-8

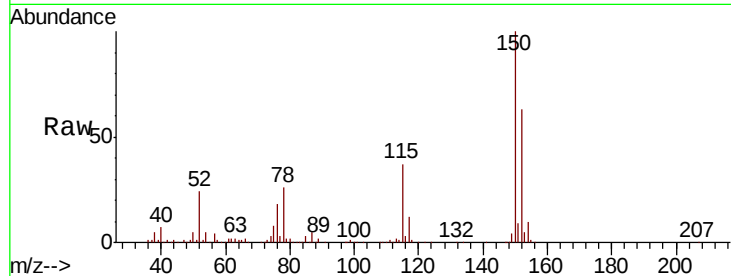
Tot Ion:152 Resp: 179822

Ion Ratio Lower Upper

152 100

115 57.2 29.0 87.0

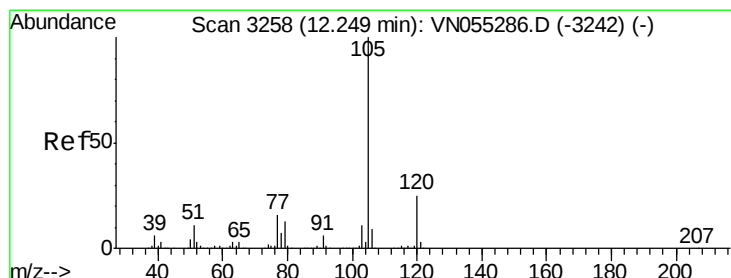
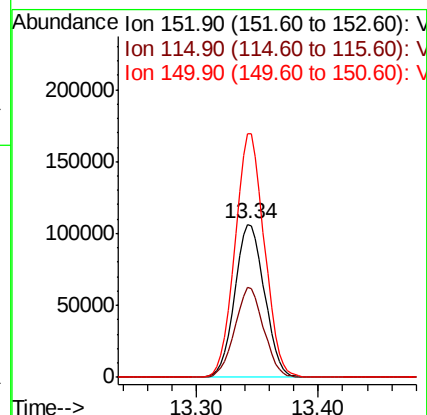
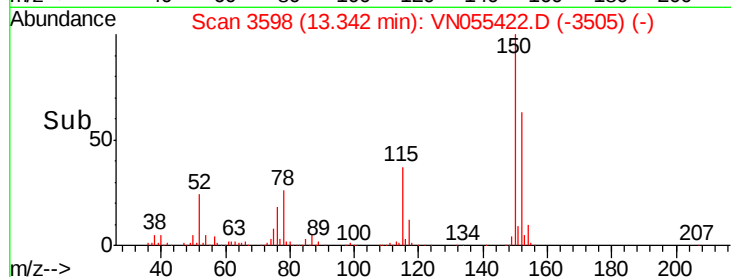
150 157.4 0.0 345.6



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# 3259

Delta R.T. 0.00 min

Lab File: VN055422.D

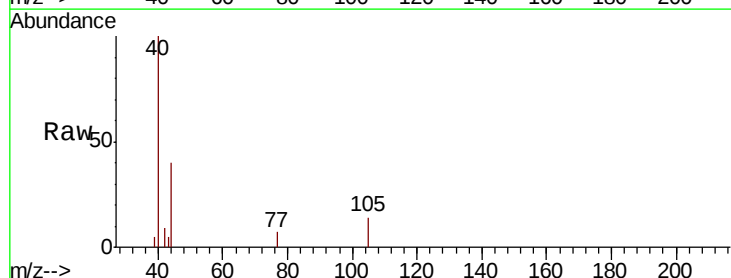
Acq: 6 May 2019 17:54

Tgt Ion:105 Resp: 537

Ion Ratio Lower Upper

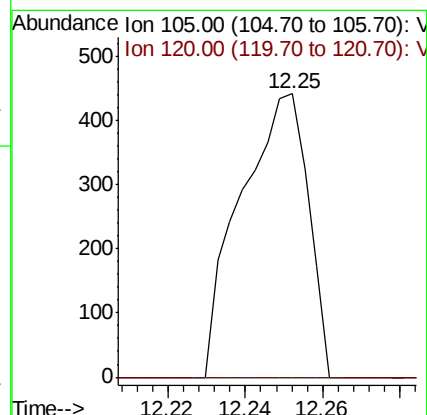
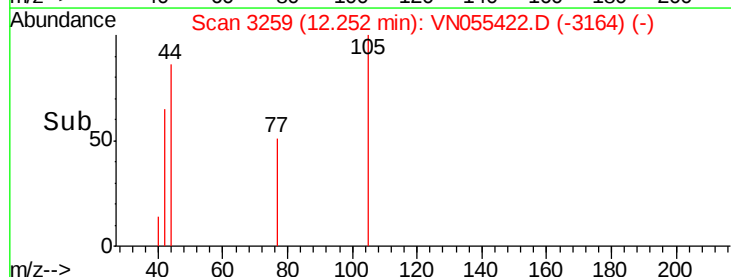
105 100

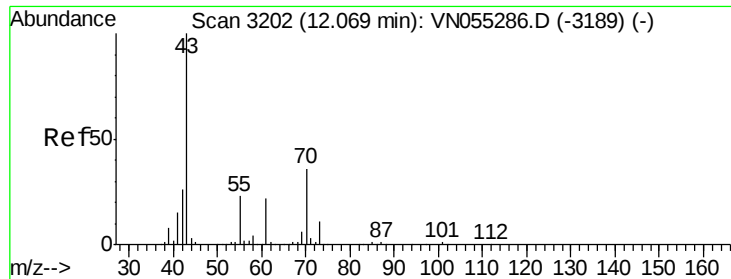
120 0.0 12.9 38.7#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 2.492 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN055422.D

Acq: 6 May 2019 17:54

Instrument :

MSVOA_N

ClientSampleId :

SSSI-0502-S-TCLP-8

Tot Ion: 43 Resp: 11499

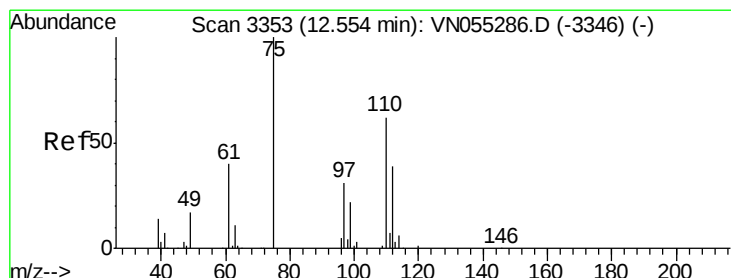
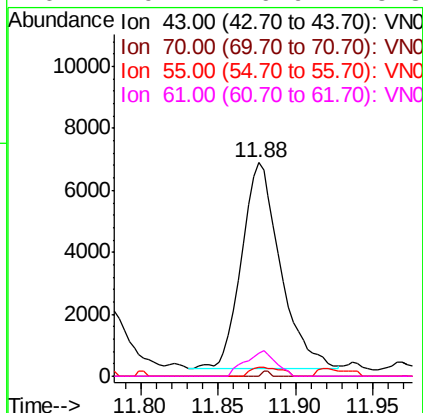
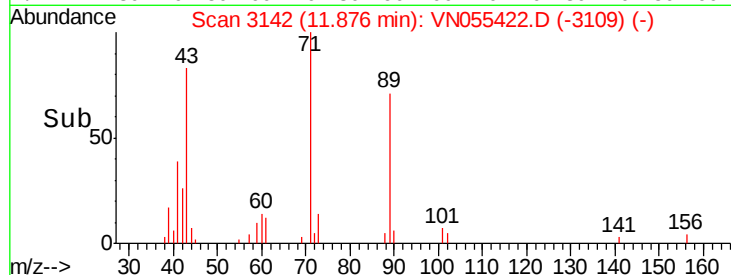
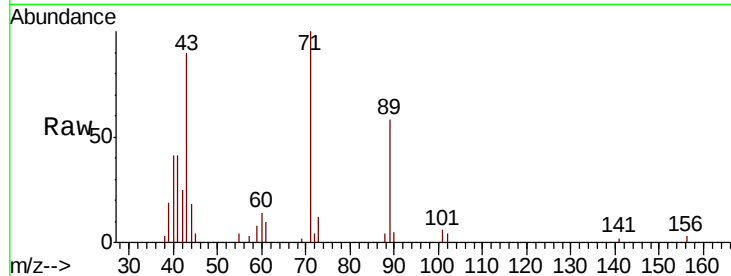
Ion Ratio Lower Upper

43 100

70 0.5 27.9 41.9#

55 3.4 18.2 27.2#

61 9.7 16.9 25.3#



#76

1,2,3-Trichloropropane

Concen: 41.434 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055422.D

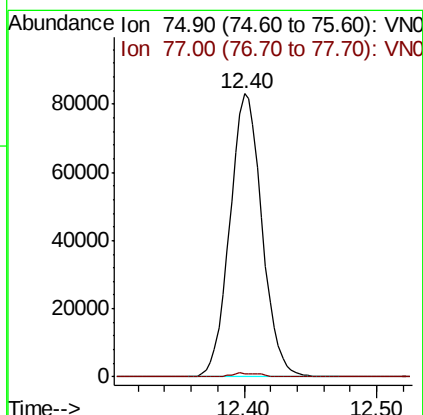
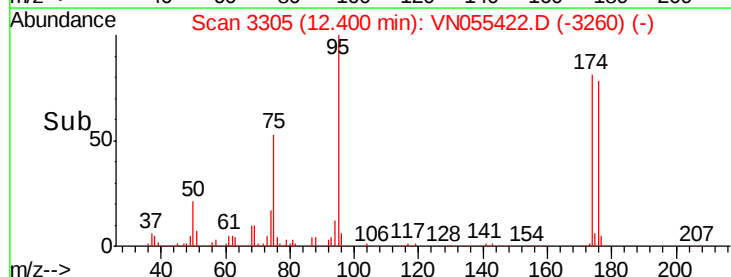
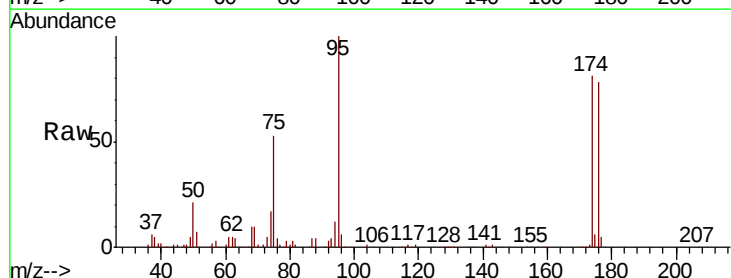
Acq: 6 May 2019 17:54

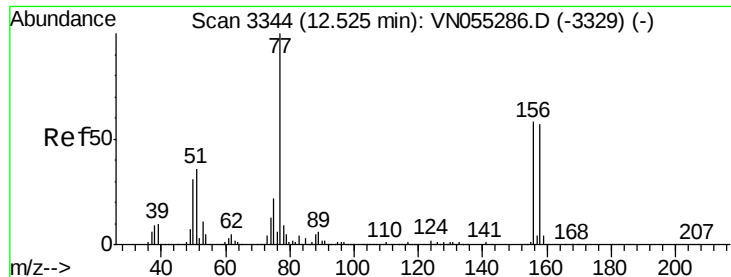
Tgt Ion: 75 Resp: 139932

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#





#77

Bromobenzene

Concen: Below Cal

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN055422.D

Acq: 6 May 2019 17:54

Instrument :

MSVOA_N

ClientSampleId :

SSSI-0502-S-TCLP-8

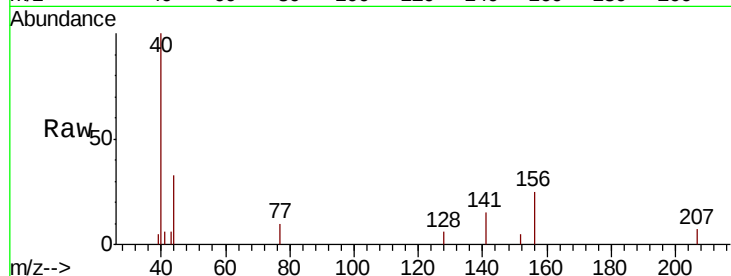
Tot Ion:156 Resp: 430

Ion Ratio Lower Upper

156 100

77 110.2 99.6 298.8

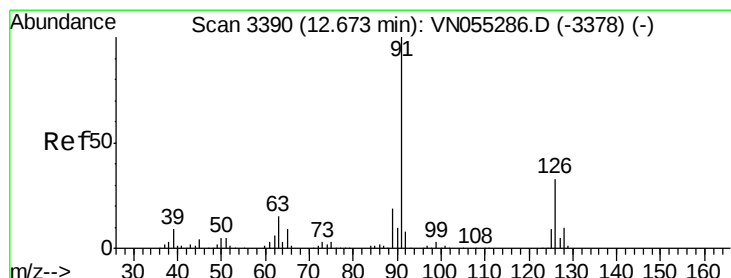
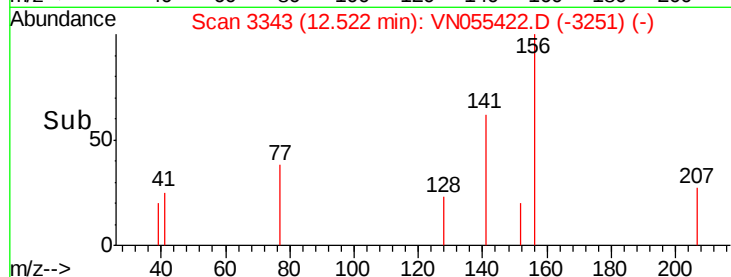
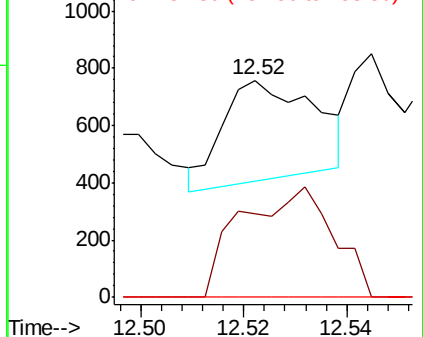
158 0.0 49.3 147.8#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN055422.D

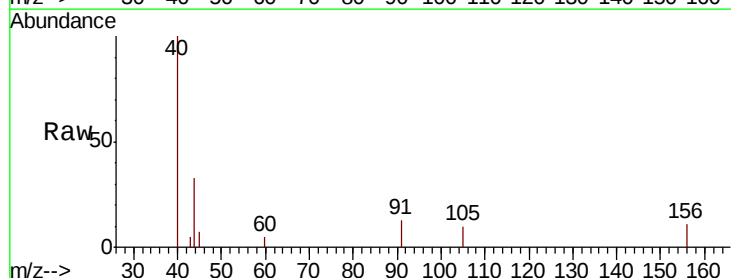
Acq: 6 May 2019 17:54

Tgt Ion: 91 Resp: 605

Ion Ratio Lower Upper

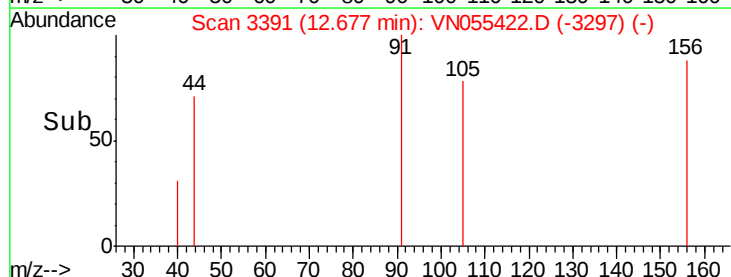
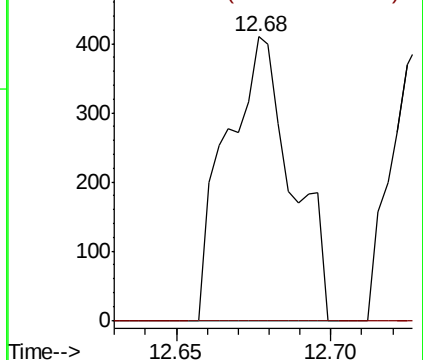
91 100

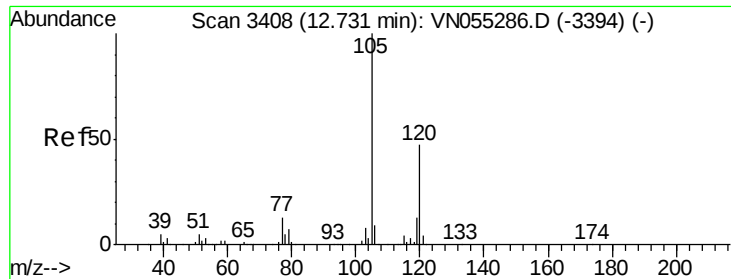
126 0.0 16.6 49.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 0.287 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055422.D

Acq: 6 May 2019 17:54

Instrument :

MSVOA_N

ClientSampleId :

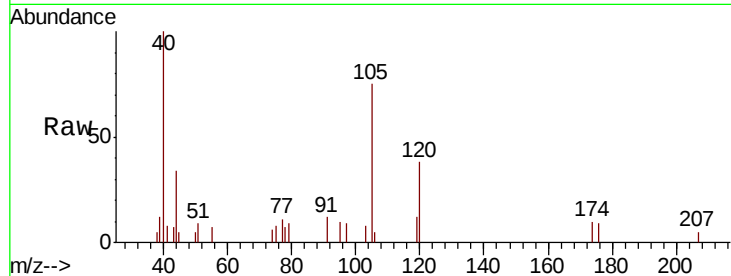
SSSI-0502-S-TCLP-8

Tot Ion:105 Resp: 4049

Ion Ratio Lower Upper

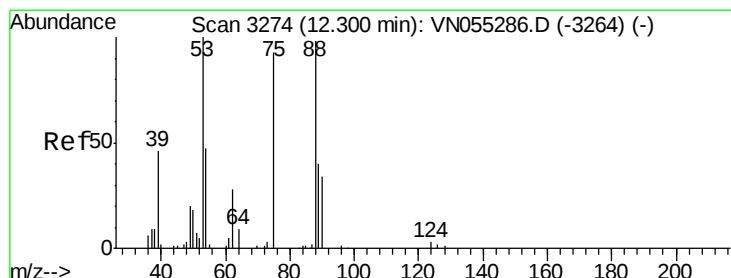
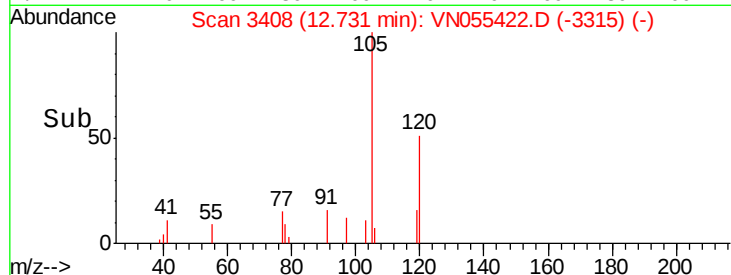
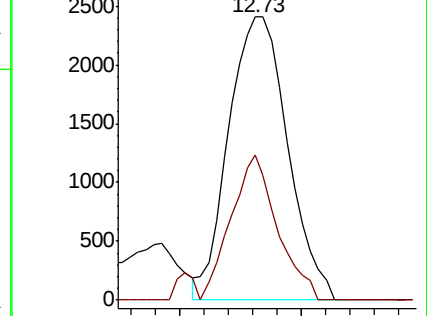
105 100

120 40.2 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 147.468 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055422.D

Acq: 6 May 2019 17:54

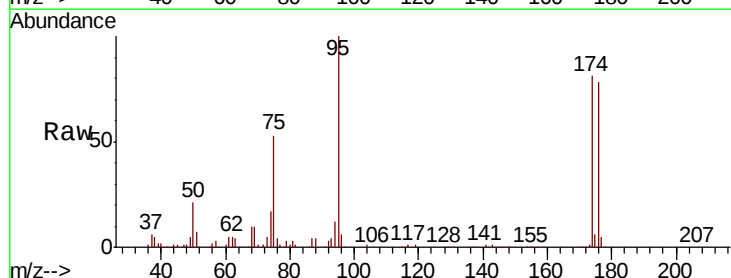
Tgt Ion: 75 Resp: 139932

Ion Ratio Lower Upper

75 100

53 0.0 86.3 129.5#

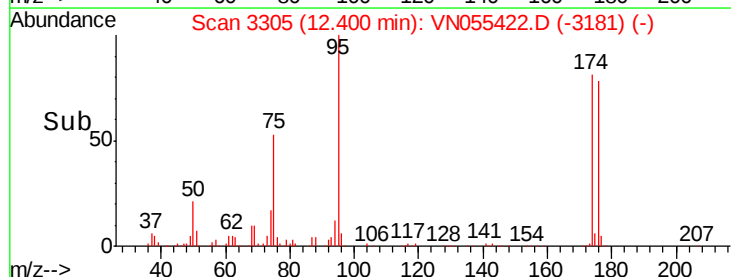
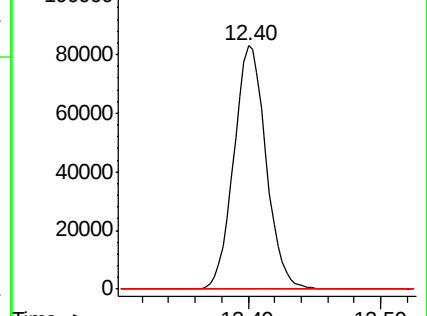
89 0.0 34.6 51.8#

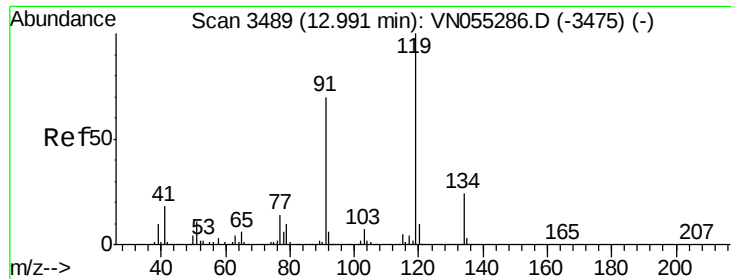


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 53.00 (52.70 to 53.70): V

Ion 88.90 (88.60 to 89.60): V





#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.98 min Scan# 3486

Delta R.T. -0.01 min

Lab File: VN055422.D

Acq: 6 May 2019 17:54

Instrument :

MSVOA_N

ClientSampleId :

SSSI-0502-S-TCLP-8

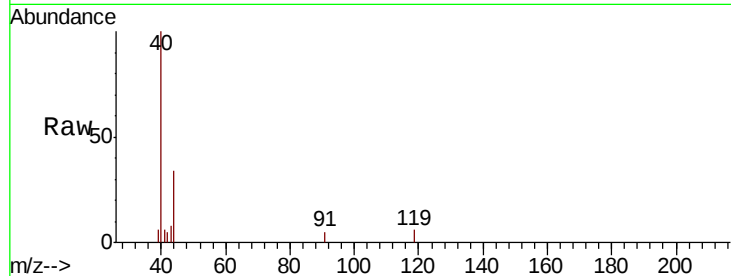
Tot Ion:119 Resp: 223

Ion Ratio Lower Upper

119 100

91 100.4 34.3 102.9

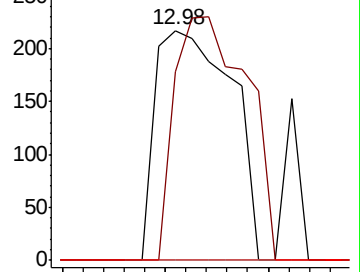
134 0.0 13.1 39.3#



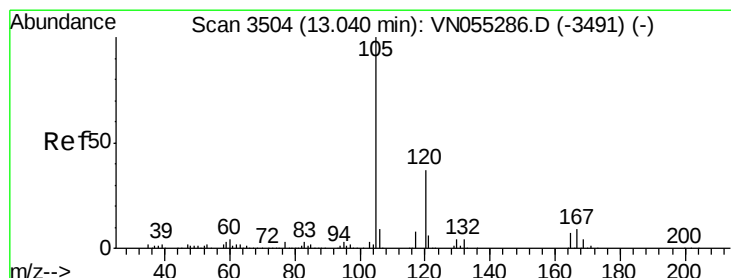
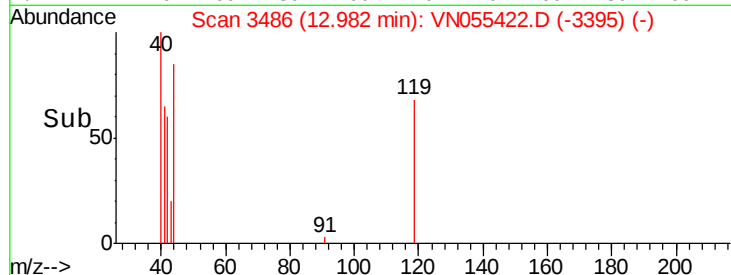
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



Time--> 12.96 12.98 13.00



#84

1,2,4-Trimethylbenzene

Concen: 0.311 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. -0.00 min

Lab File: VN055422.D

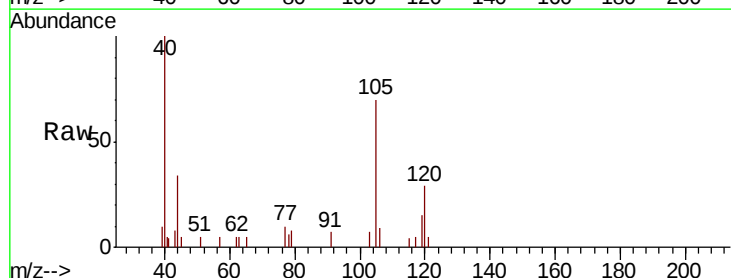
Acq: 6 May 2019 17:54

Tgt Ion:105 Resp: 3922

Ion Ratio Lower Upper

105 100

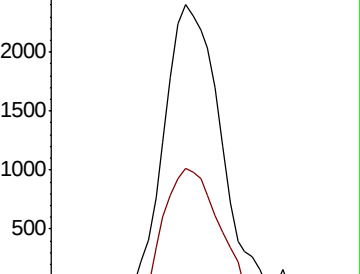
120 39.3 22.1 66.5



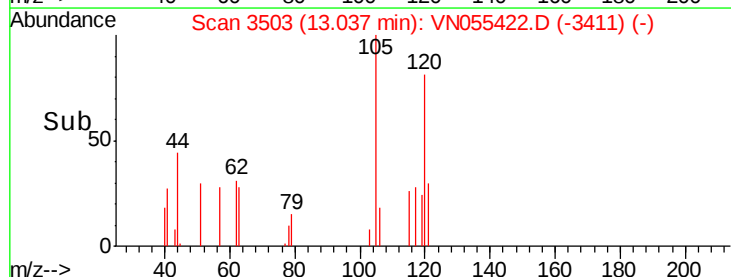
Abundance Ion 105.00 (104.70 to 105.70): V

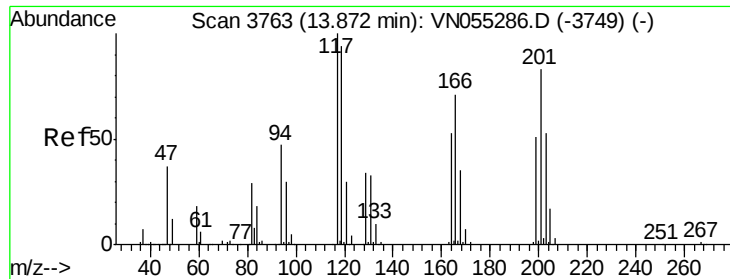
Ion 120.00 (119.70 to 120.70): V

Ion 120.00 (119.70 to 120.70): V



Time--> 13.00 13.05





#90

Hexachloroethane

Concen: Below Cal

RT: 13.95 min Scan# 3788

Delta R.T. 0.08 min

Lab File: VN055422.D

Acq: 6 May 2019 17:54

Instrument :

MSVOA_N

ClientSampleId :

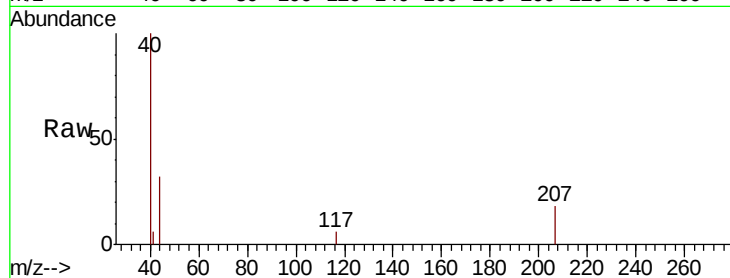
SSSI-0502-S-TCLP-8

Tot Ion:117 Resp: 101

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

13.95

200

150

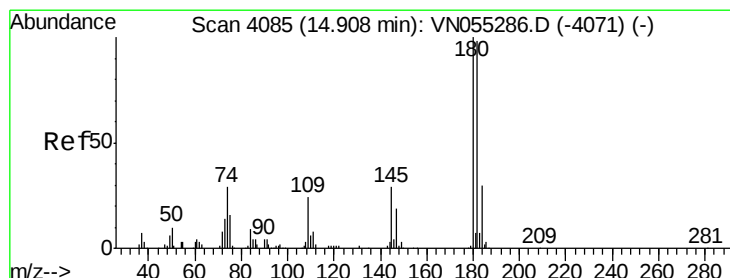
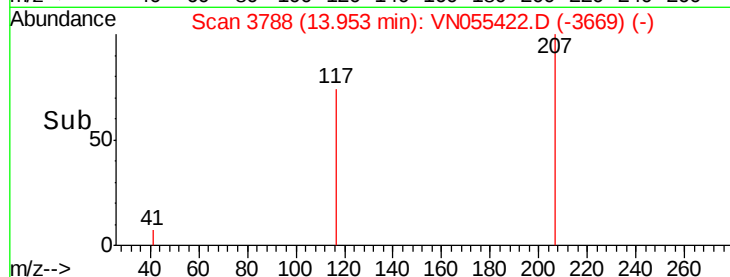
100

50

0

13.94 13.95 13.96

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 3.369 ug/l

RT: 14.90 min Scan# 4083

Delta R.T. -0.01 min

Lab File: VN055422.D

Acq: 6 May 2019 17:54

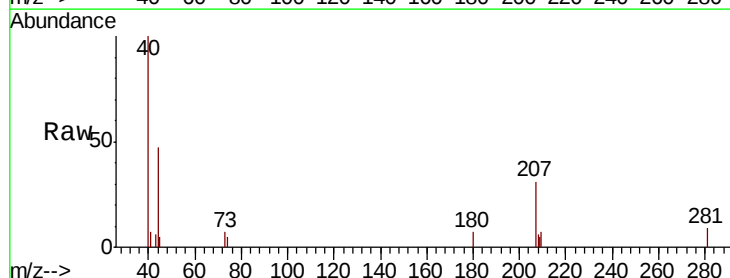
Tgt Ion:180 Resp: 147

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

300

250

200

150

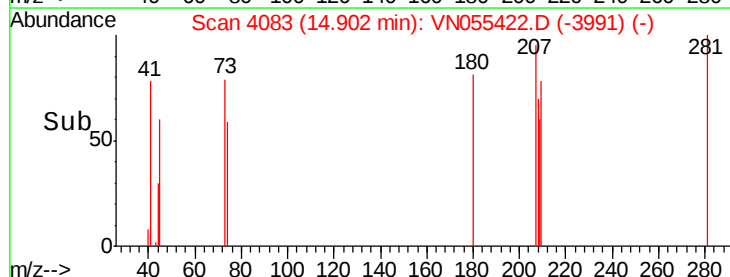
100

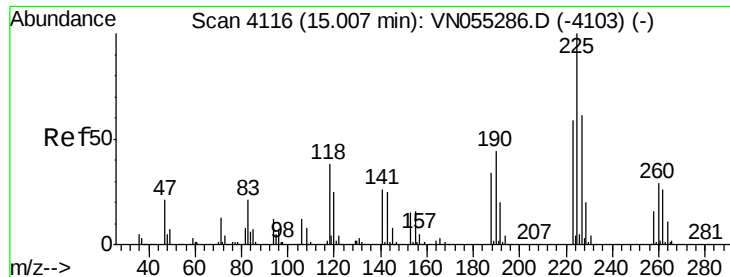
50

0

14.89 14.90 14.91

Time-->





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.02 min Scan# 4119

Delta R.T. 0.01 min

Lab File: VN055422.D

Acq: 6 May 2019 17:54

Instrument :

MSVOA_N

ClientSampleId :

SSSI-0502-S-TCLP-8

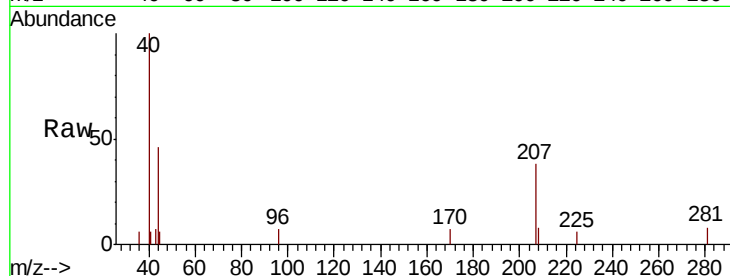
Tot Ion:225 Resp: 98

Ion Ratio Lower Upper

225 100

223 0.0 30.3 90.8#

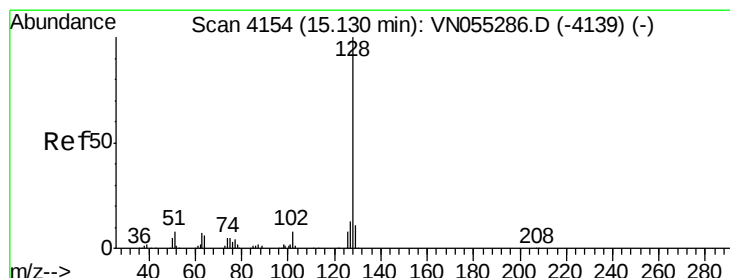
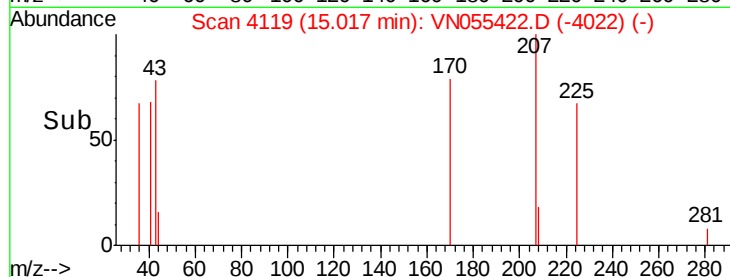
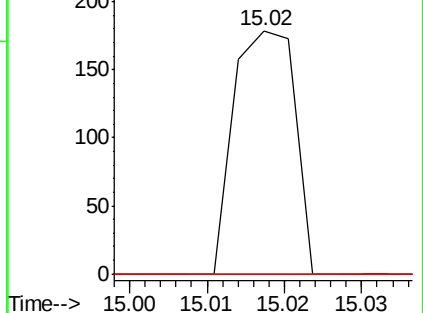
227 0.0 30.9 92.7#



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 3.690 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055422.D

Acq: 6 May 2019 17:54

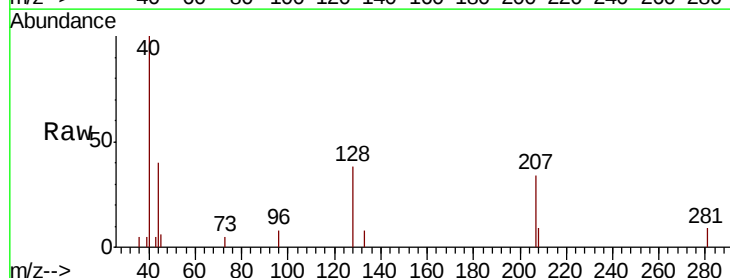
Tgt Ion:128 Resp: 1935

Ion Ratio Lower Upper

128 100

127 8.6 10.7 16.1#

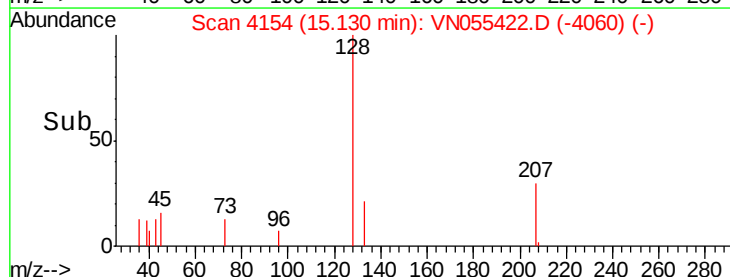
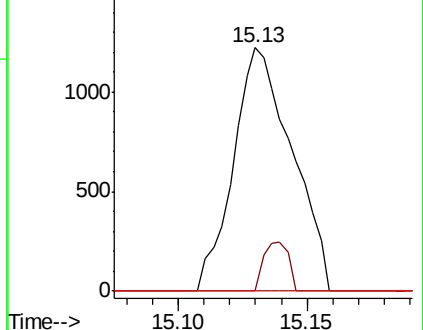
129 0.0 8.6 13.0#

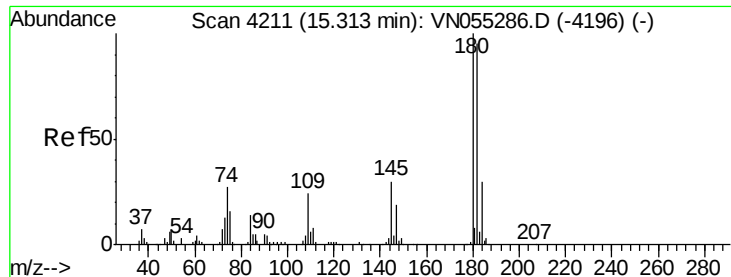


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

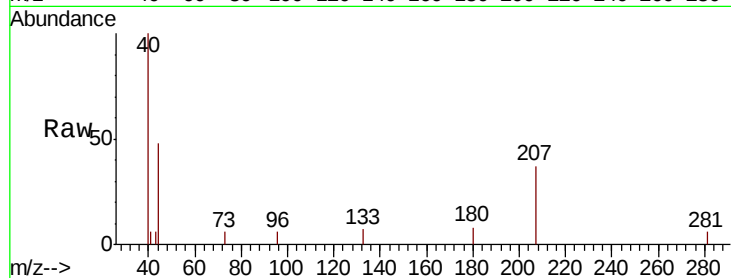




#96
 1,2,3-Trichlorobenzene
 Concen: 2.680 ug/l
 RT: 15.30 min Scan# 4208
 Delta R.T. -0.01 min
 Lab File: VN055422.D
 Acq: 6 May 2019 17:54

Instrument :
 MSVOA_N
 ClientSampleId :
 SSSI-0502-S-TCLP-8

Tot Ion	Ratio	Lower	Upper
180	100		
182	67.1	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

