

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050719\
 Data File : VN055453.D
 Acq On : 7 May 2019 22:38
 Operator : JC/SP
 Sample : K2717-01
 Misc : 5.74uL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P026-SS001-0002-01

Quant Time: May 08 05:54:11 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	444574	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	671675	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	559005	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	199003	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	285601	49.11	ug/l	0.00
Spiked Amount			Recovery	=	98.22%	
35) Dibromofluoromethane	7.59	113	215778	48.94	ug/l	0.00
Spiked Amount			Recovery	=	97.88%	
50) Toluene-d8	10.09	98	793817	49.87	ug/l	0.00
Spiked Amount			Recovery	=	99.74%	
62) 4-Bromofluorobenzene	12.40	95	248709	49.99	ug/l	0.00
Spiked Amount			Recovery	=	99.98%	

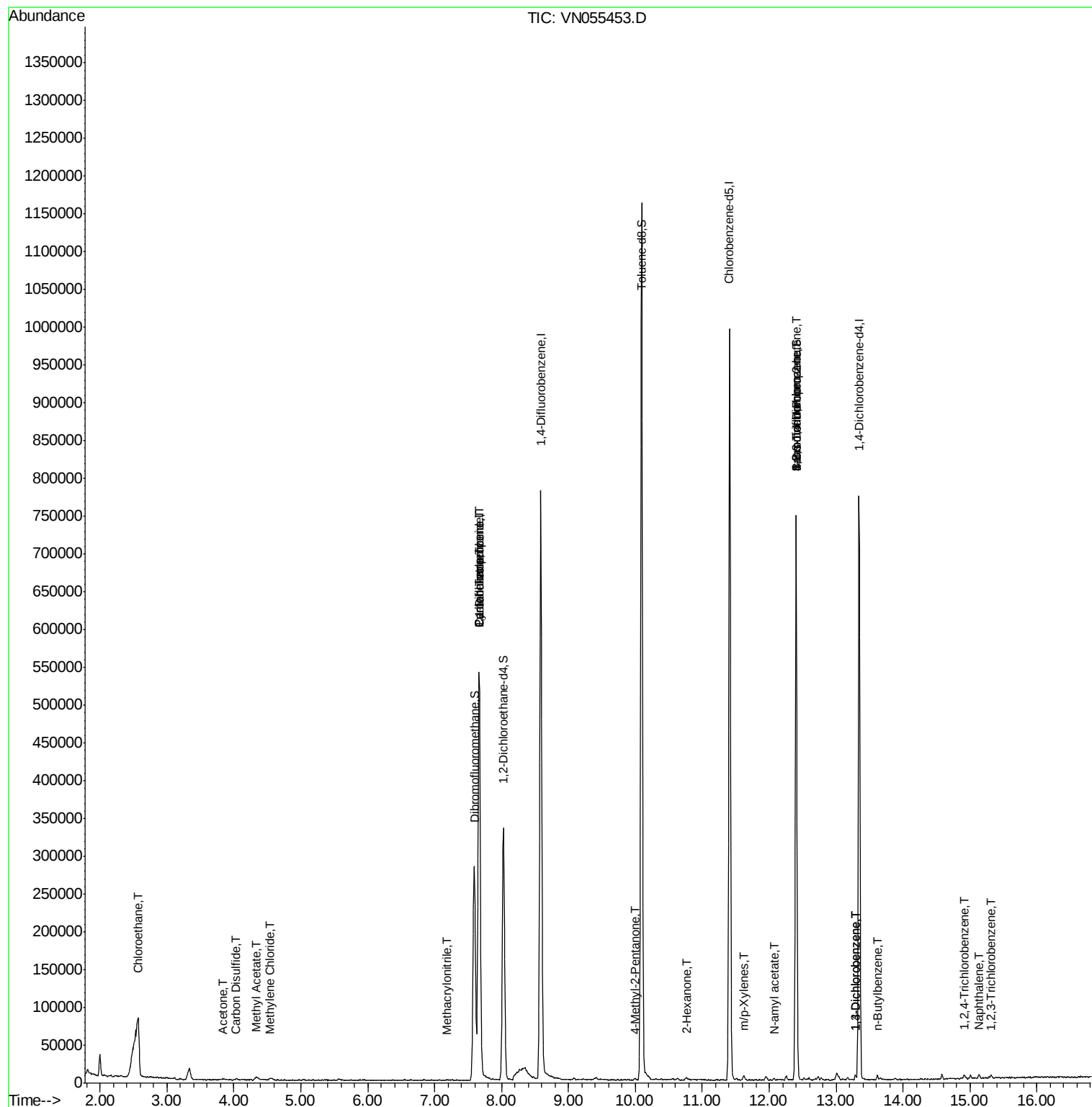
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	2.57	64	742	0.252	ug/l #	43
16) Acetone	3.83	43	2134	1.178	ug/l #	67
17) Carbon Disulfide	4.04	76	3223	0.281	ug/l #	74
18) Methyl Acetate	4.34	43	8322	0.867	ug/l #	84
20) Methylene Chloride	4.55	84	1348	0.244	ug/l #	73
31) Cyclohexane	7.67	56	9834	1.075	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	35747	5.556	ug/l #	50
38) Carbon Tetrachloride	7.67	117	41830	6.740	ug/l #	15
41) Methacrylonitrile	7.19	41	134	0.789	ug/l #	45
51) 4-Methyl-2-Pentanone	9.99	43	1044	0.234	ug/l #	78
59) 2-Hexanone	10.76	43	2614	0.936	ug/l	89
68) m/p-Xylenes	11.62	106	2101	0.298	ug/l	79
71) Bromoform	12.40	173	2197	0.925	ug/l #	1
73) Isopropylbenzene	12.25	105	1260	Below Cal		98
74) N-amyl acetate	12.08	43	1161	0.227	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	12.51	83	101	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	130464	34.489	ug/l #	100
77) Bromobenzene	12.52	156	325	Below Cal		58
79) 2-Chlorotoluene	12.68	91	1193	Below Cal		78
81) trans-1,4-Dichloro-2-buten	12.40	75	130464	124.238	ug/l #	7
83) tert-Butylbenzene	12.99	119	525	Below Cal	#	1
87) 1,3-Dichlorobenzene	13.28	146	1351	0.203	ug/l	83
88) 1,4-Dichlorobenzene	13.28	146	1351	0.215	ug/l	82
89) n-Butylbenzene	13.61	91	3451	0.348	ug/l	88
90) Hexachloroethane	13.88	117	63	Below Cal	#	7
93) 1,2,4-Trichlorobenzene	14.90	180	1995	4.027	ug/l	88
94) Hexachlorobutadiene	15.01	225	868	Below Cal		84
95) Naphthalene	15.13	128	4347	4.062	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.32	180	1862	3.301	ug/l	90

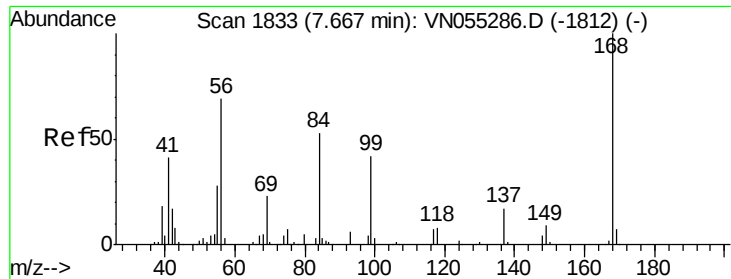
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055453.D

Acq: 7 May 2019 22:38

Instrument :

MSVOA_N

ClientSampleId :

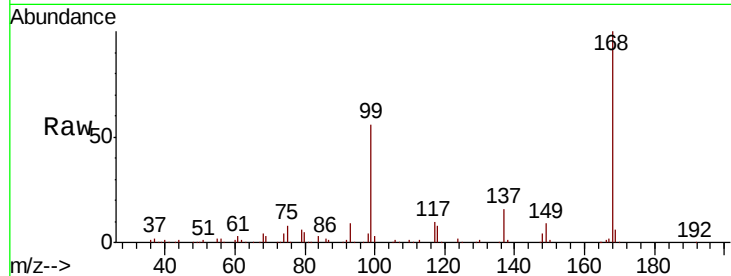
P026-SS001-0002-01

Tot Ion:168 Resp: 444574

Ion Ratio Lower Upper

168 100

99 56.3 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

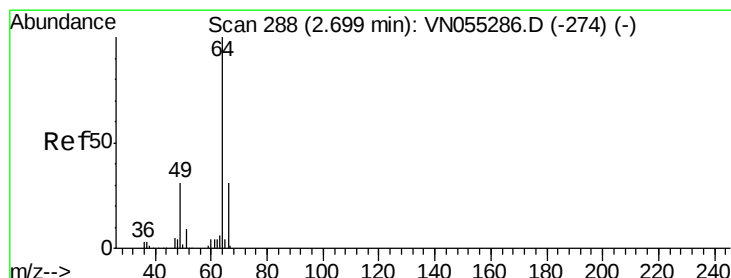
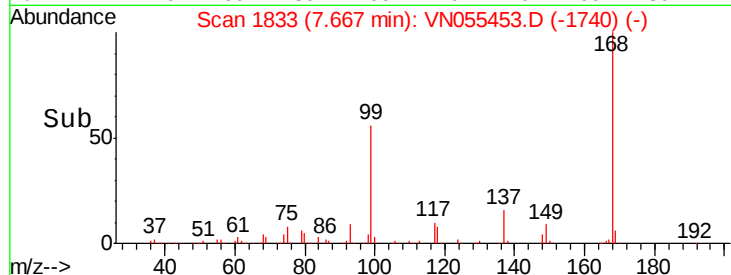
100000

50000

0

7.60 7.70

Time-->



#6

Chloroethane

Concen: 0.252 ug/l

RT: 2.57 min Scan# 249

Delta R.T. -0.13 min

Lab File: VN055453.D

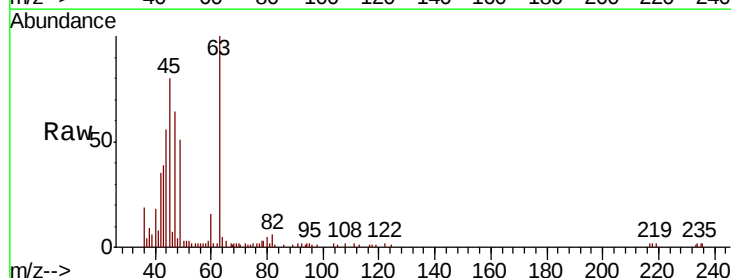
Acq: 7 May 2019 22:38

Tgt Ion: 64 Resp: 742

Ion Ratio Lower Upper

64 100

66 0.0 25.0 37.4#



Abundance Ion 63.90 (63.60 to 64.60): VN055286.D (-274) (-)

Ion 65.90 (65.60 to 66.60): VN055286.D (-274) (-)

2.57

600

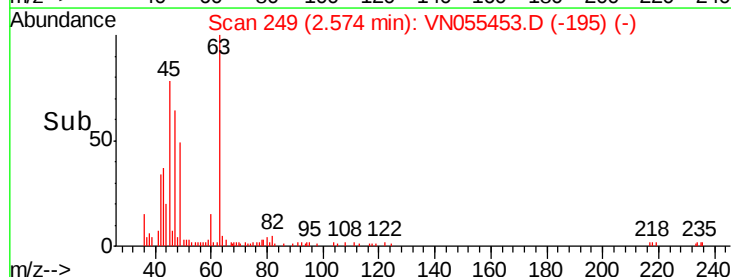
400

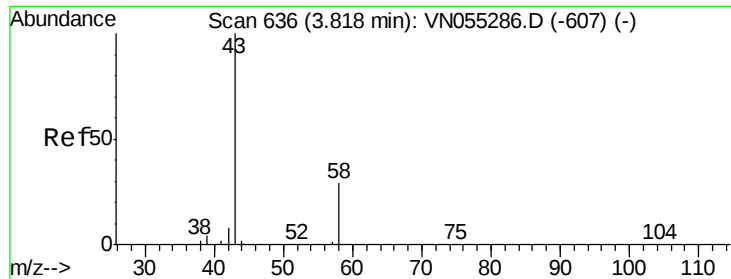
200

0

2.56 2.58 2.60

Time-->





#16

Acetone

Concen: 1.178 ug/l

RT: 3.83 min Scan# 641

Delta R.T. 0.02 min

Lab File: VN055453.D

Acq: 7 May 2019 22:38

Instrument :

MSVOA_N

ClientSampleId :

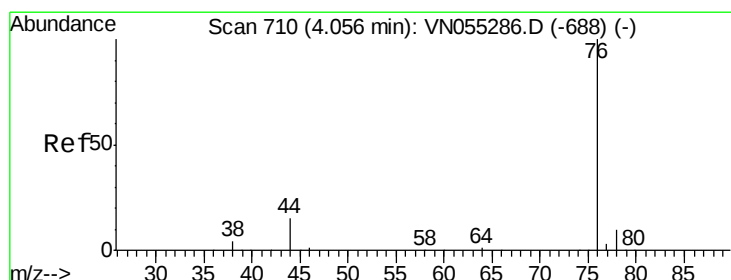
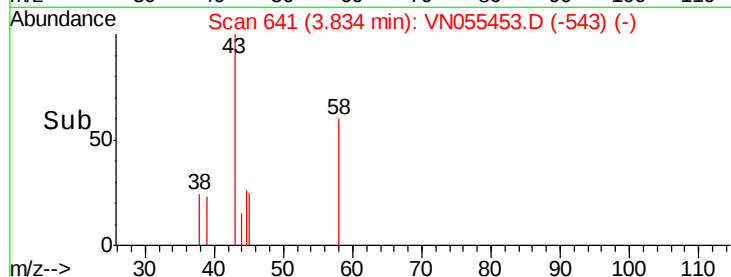
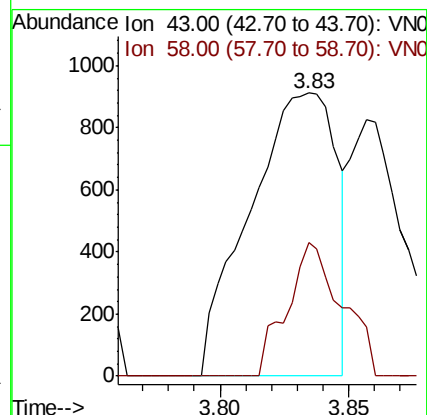
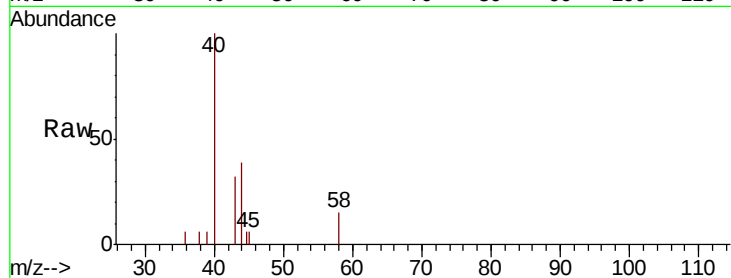
P026-SS001-0002-01

Tot Ion: 43 Resp: 2134

Ion Ratio Lower Upper

43 100

58 47.3 23.6 35.4#



#17

Carbon Disulfide

Concen: 0.281 ug/l

RT: 4.04 min Scan# 706

Delta R.T. -0.01 min

Lab File: VN055453.D

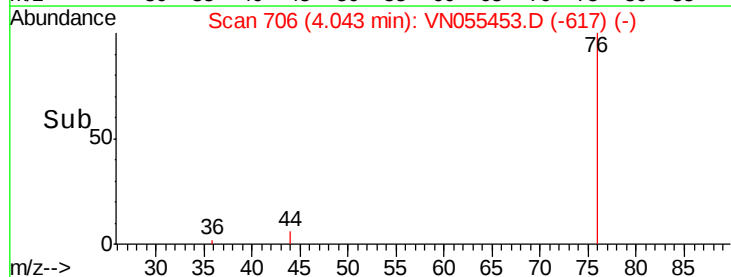
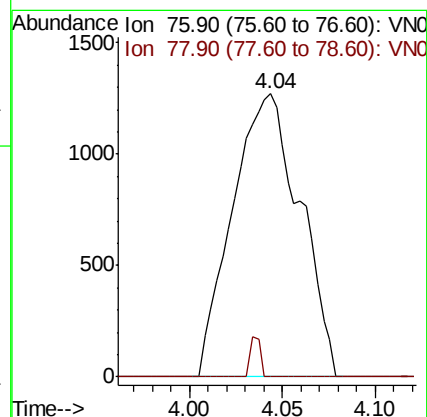
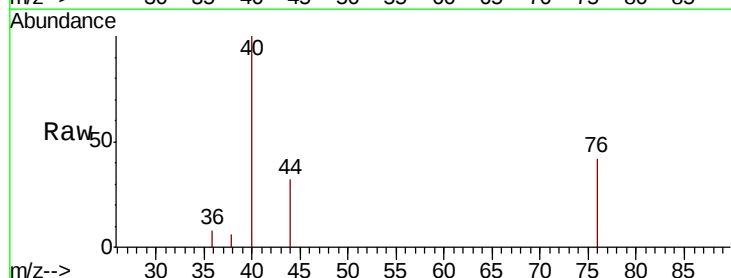
Acq: 7 May 2019 22:38

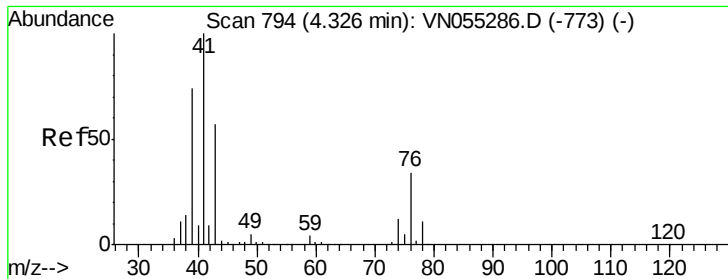
Tgt Ion: 76 Resp: 3223

Ion Ratio Lower Upper

76 100

78 0.0 7.6 11.4#

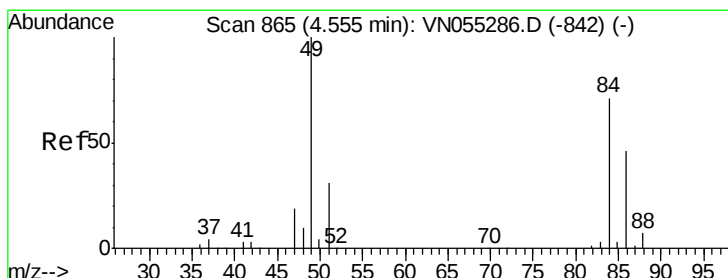
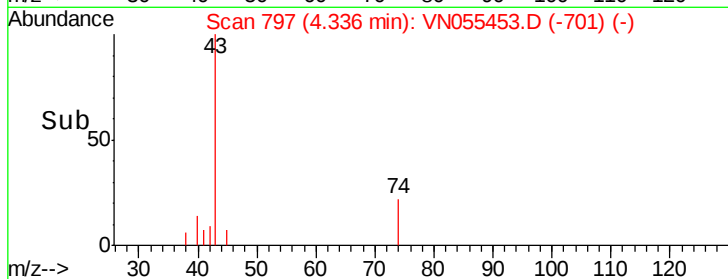
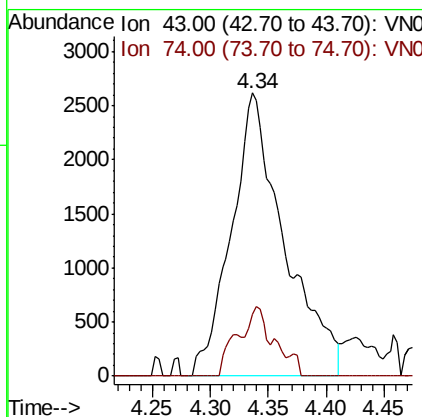
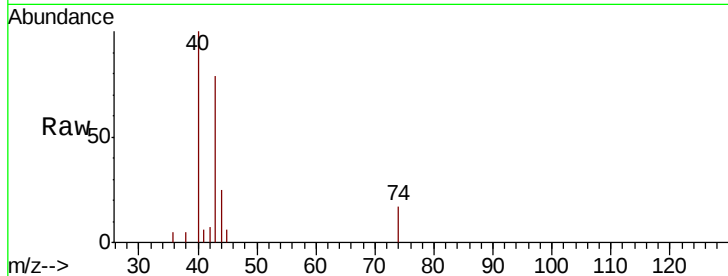




#18
Methyl Acetate
Concen: 0.867 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN055453.D
Acq: 7 May 2019 22:38

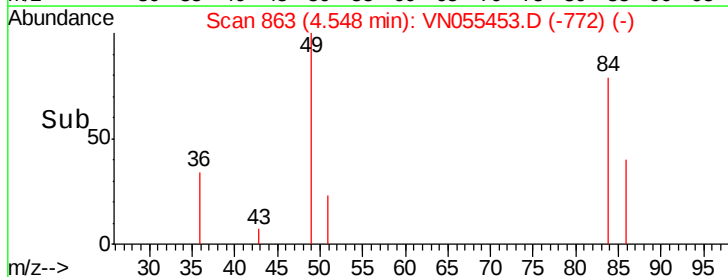
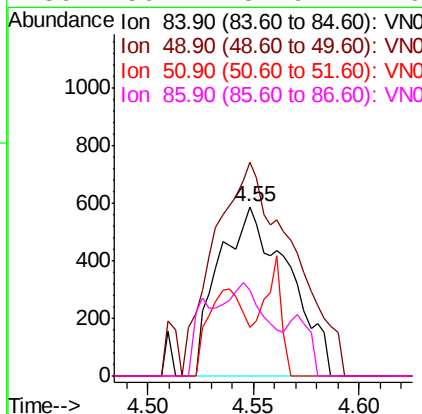
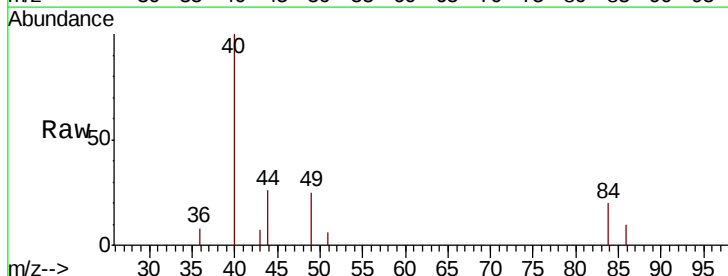
Instrument :
MSVOA_N
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P026-SS001-0002-01

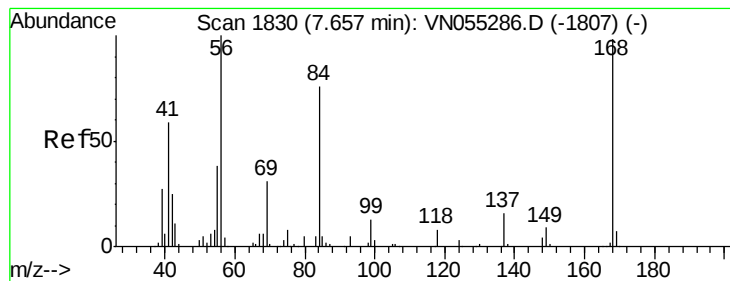
Tot Ion: 43 Resp: 8322
Ion Ratio Lower Upper
43 100
74 12.5 15.8 23.8#



#20
Methylene Chloride
Concen: 0.244 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.01 min
Lab File: VN055453.D
Acq: 7 May 2019 22:38

Tgt Ion: 84 Resp: 1348
Ion Ratio Lower Upper
84 100
49 100.5 112.4 168.6#
51 28.7 34.6 51.8#
86 50.7 51.9 77.9#





#31

Cyclohexane

Concen: 1.075 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN055453.D

Acq: 7 May 2019 22:38

Instrument :

MSVOA_N

ClientSampleId :

P026-SS001-0002-01

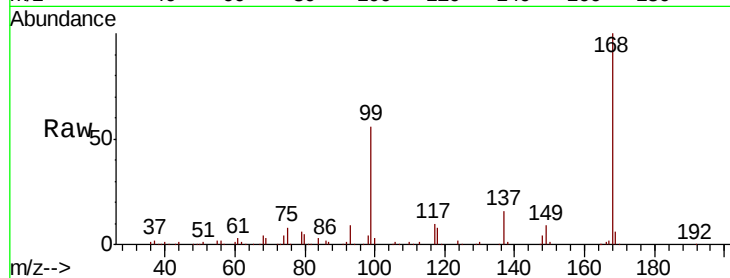
Tot Ion: 56 Resp: 9834

Ion Ratio Lower Upper

56 100

69 162.4 25.2 37.8#

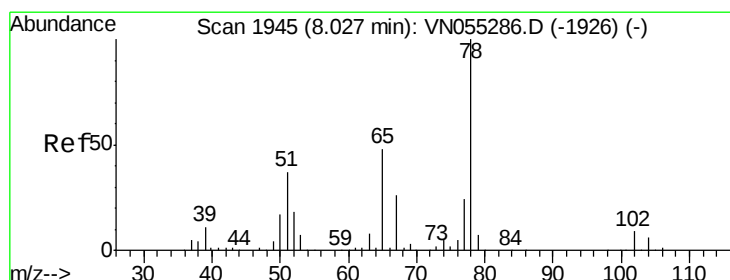
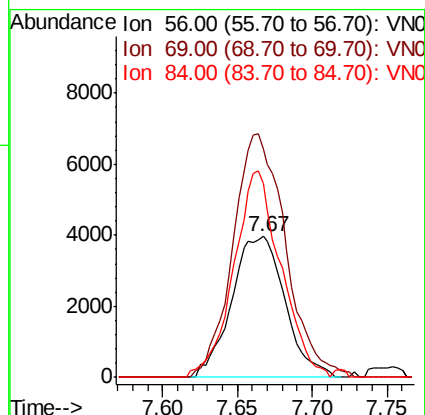
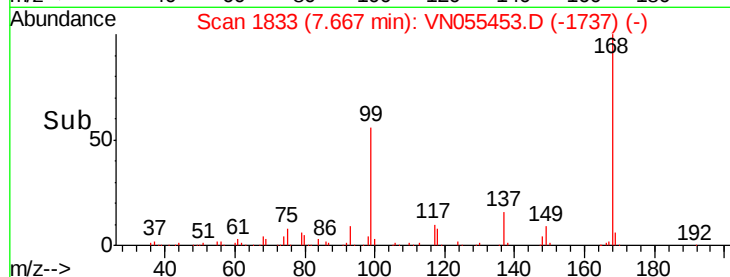
84 133.6 61.1 91.7#



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: 49.106 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055453.D

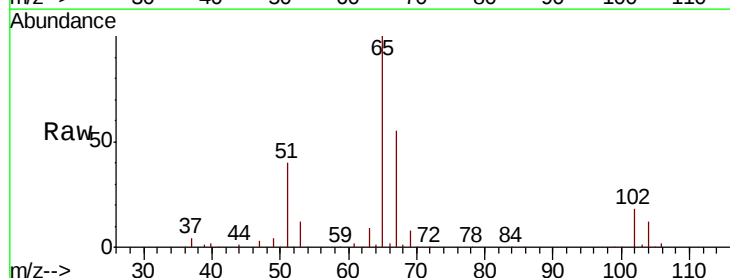
Acq: 7 May 2019 22:38

Tgt Ion: 65 Resp: 285601

Ion Ratio Lower Upper

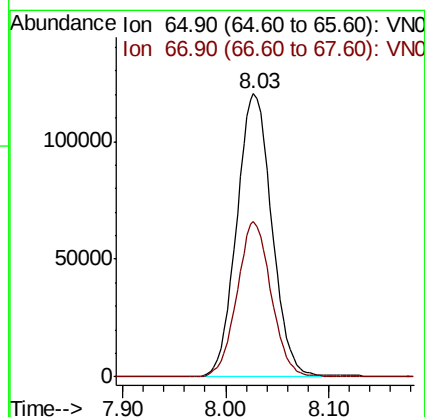
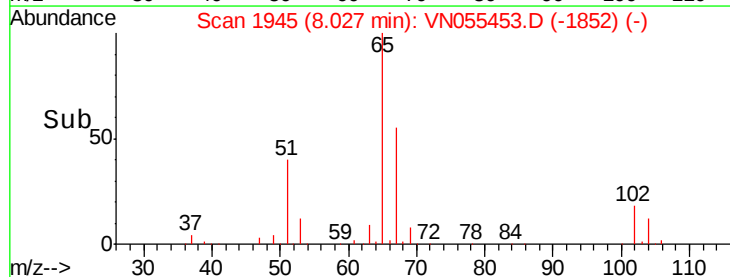
65 100

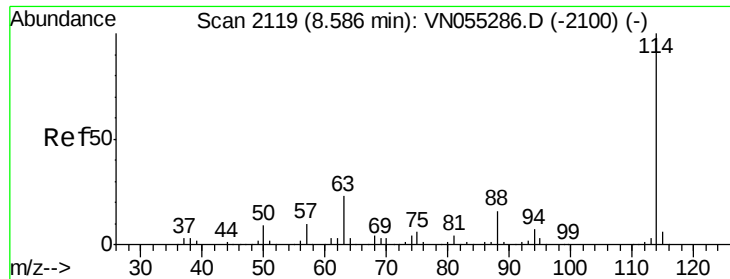
67 53.2 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

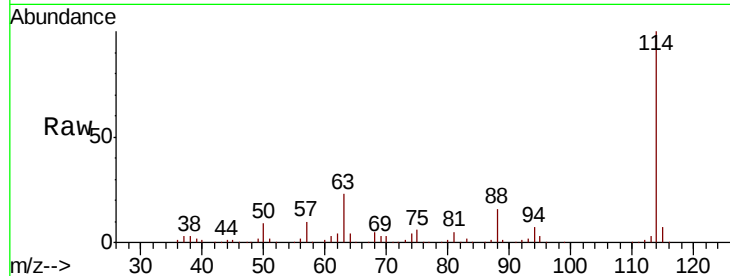




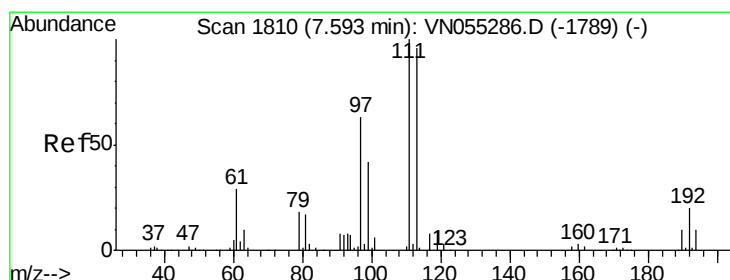
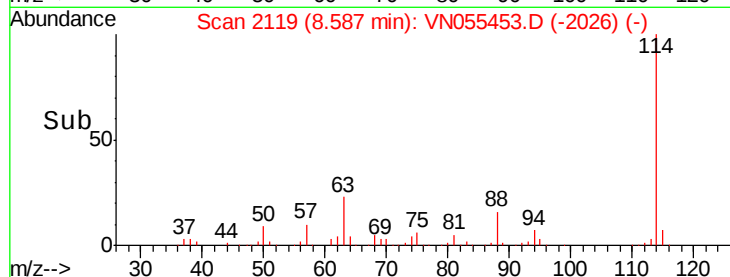
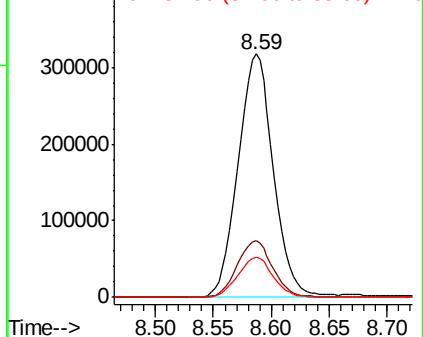
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN055453.D
Acq: 7 May 2019 22:38

Instrument :
MSVOA_N
ClientSampleId :
P026-SS001-0002-01

Tot Ion:114 Resp: 671675
Ion Ratio Lower Upper
114 100
63 23.3 0.0 45.2
88 16.3 0.0 31.6

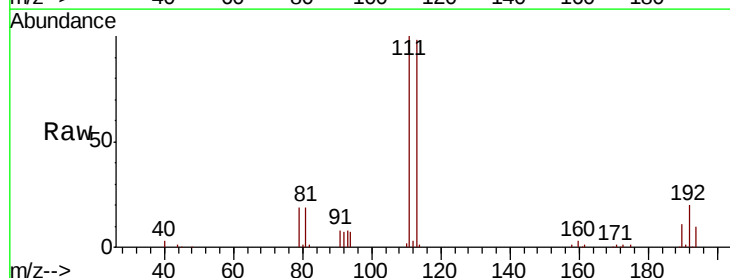


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

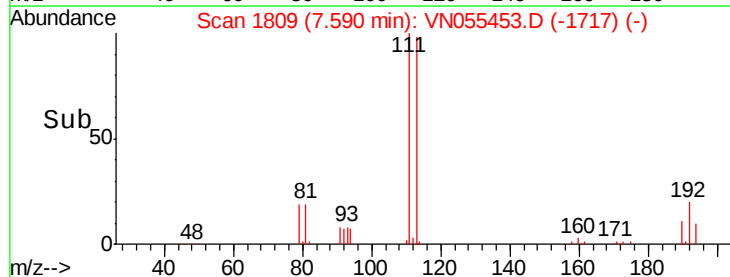
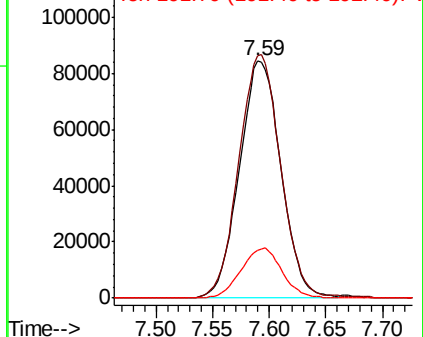


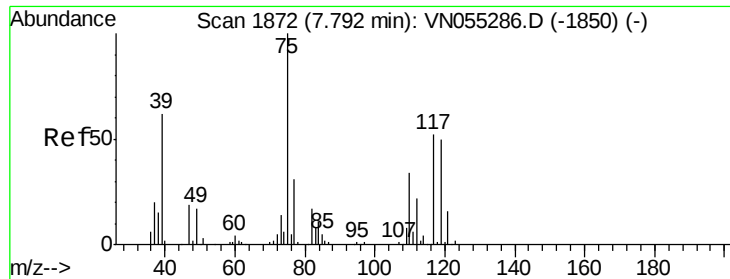
#35
Dibromofluoromethane
Concen: 48.944 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN055453.D
Acq: 7 May 2019 22:38

Tgt Ion:113 Resp: 215778
Ion Ratio Lower Upper
113 100
111 103.2 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

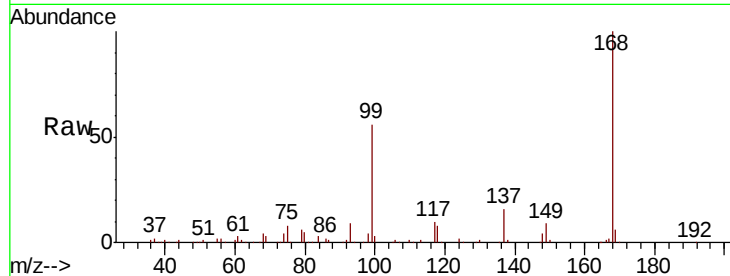




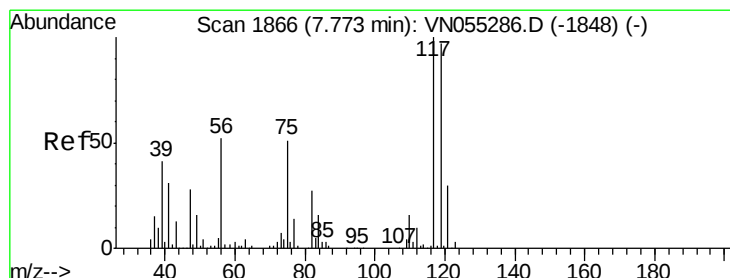
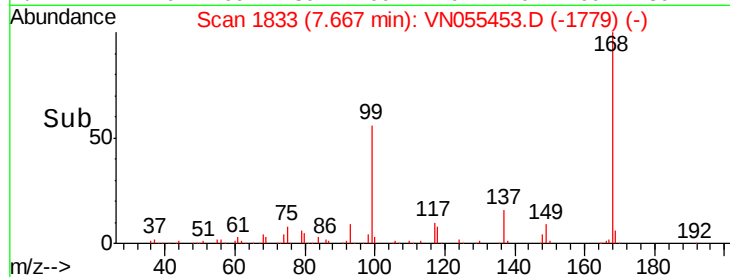
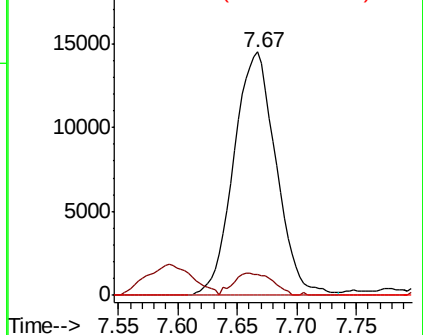
#36
 1,1-Dichloropropene
 Concen: 5.556 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN055453.D
 Acq: 7 May 2019 22:38

Instrument :
 MSVOA_N
 ClientSampleId :
 P026-SS001-0002-01

Tot Ion: 75 Resp: 35747
 Ion Ratio Lower Upper
 75 100
 110 8.4 16.8 50.4#
 77 0.0 25.0 37.6#

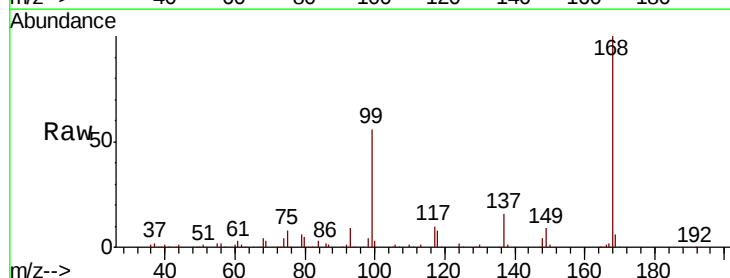


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

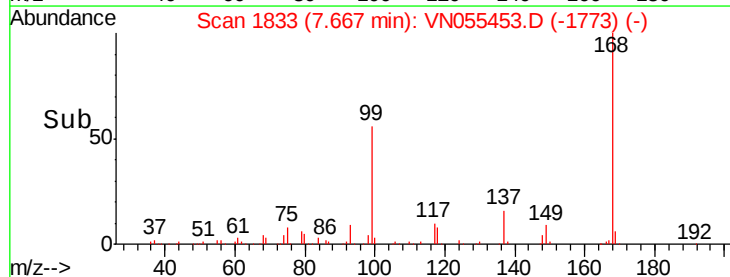
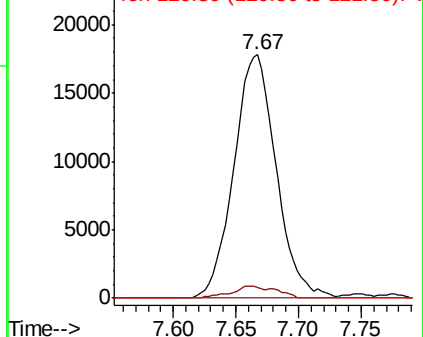


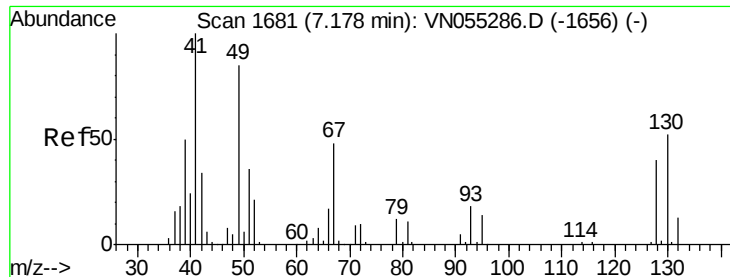
#38
 Carbon Tetrachloride
 Concen: 6.740 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN055453.D
 Acq: 7 May 2019 22:38

Tgt Ion: 117 Resp: 41830
 Ion Ratio Lower Upper
 117 100
 119 4.3 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

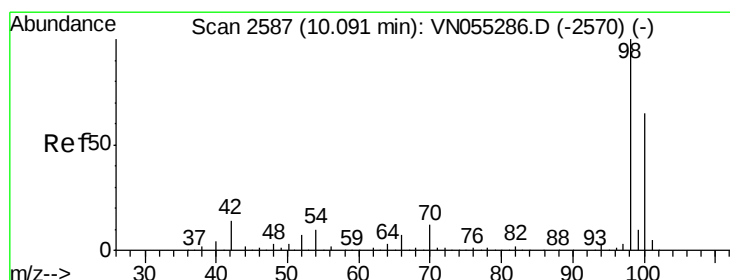
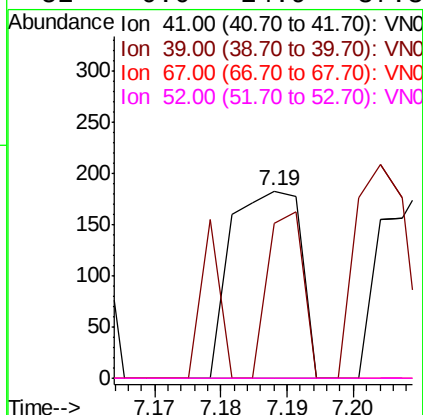
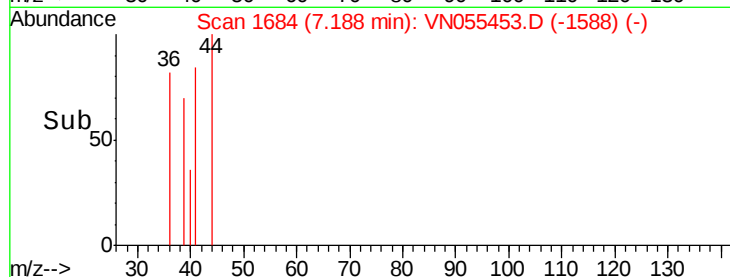
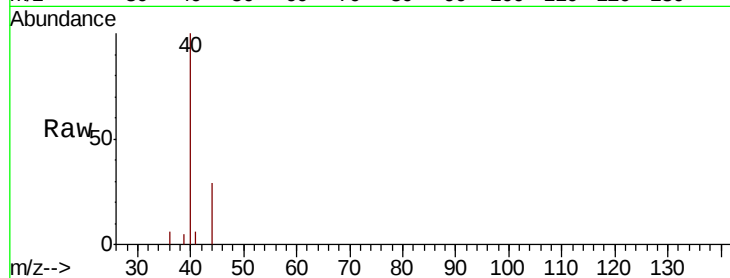




#41
Methacrylonitrile
Concen: 0.789 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VN055453.D
Acq: 7 May 2019 22:38

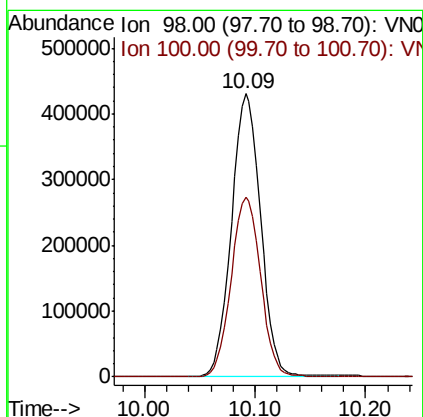
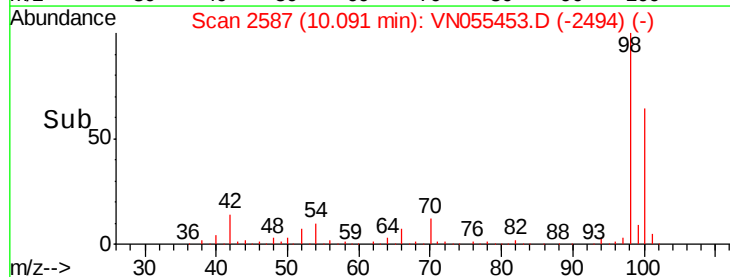
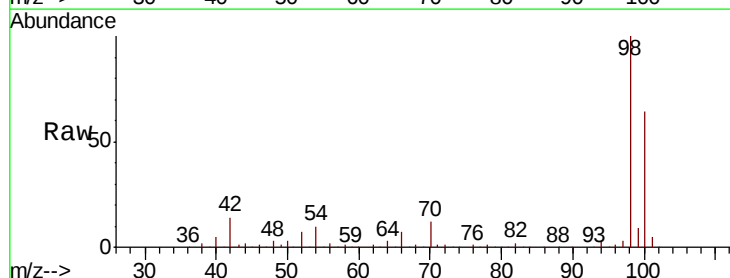
Instrument :
MSVOA_N
ClientSampleId :
P026-SS001-0002-01

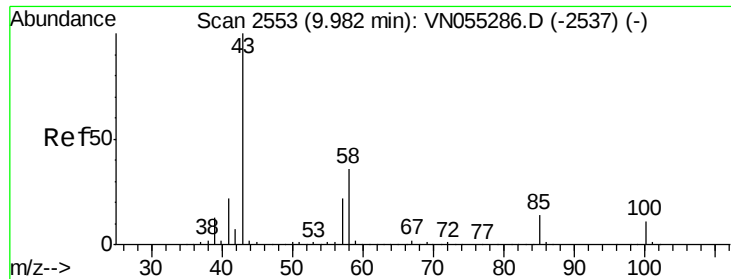
Tot Ion: 41 Resp: 134
Ion Ratio Lower Upper
41 100
39 45.5 48.5 72.7#
67 0.0 54.9 82.3#
52 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 49.866 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055453.D
Acq: 7 May 2019 22:38

Tgt Ion: 98 Resp: 793817
Ion Ratio Lower Upper
98 100
100 64.1 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 0.234 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055453.D

Acq: 7 May 2019 22:38

Instrument :

MSVOA_N

ClientSampleId :

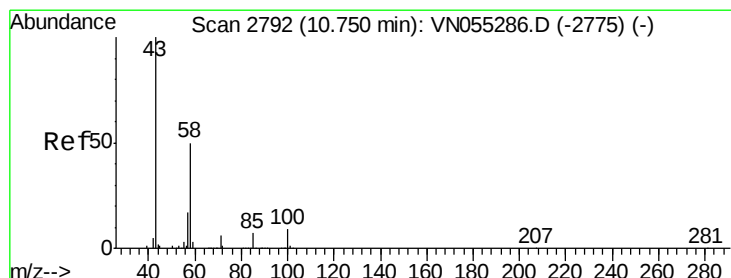
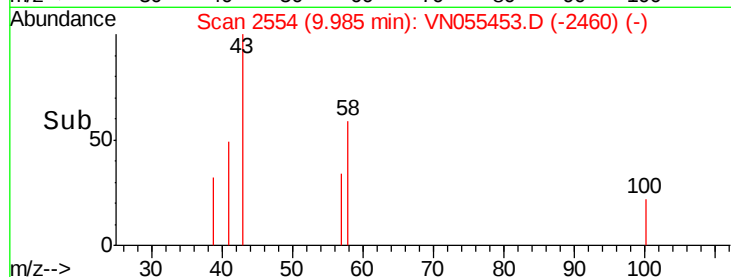
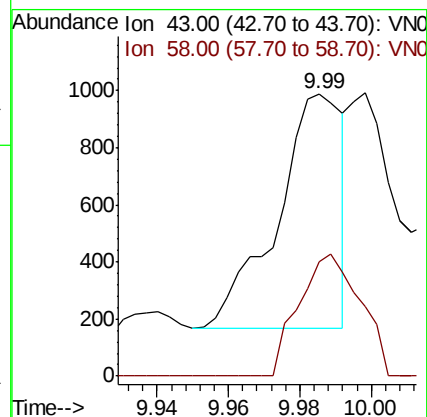
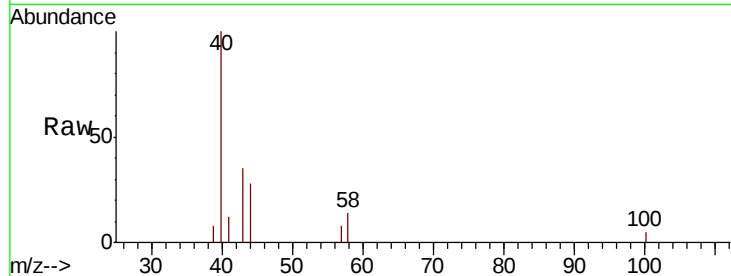
P026-SS001-0002-01

Tot Ion: 43 Resp: 1044

Ion Ratio Lower Upper

43 100

58 48.7 28.5 42.7#



#59

2-Hexanone

Concen: 0.936 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN055453.D

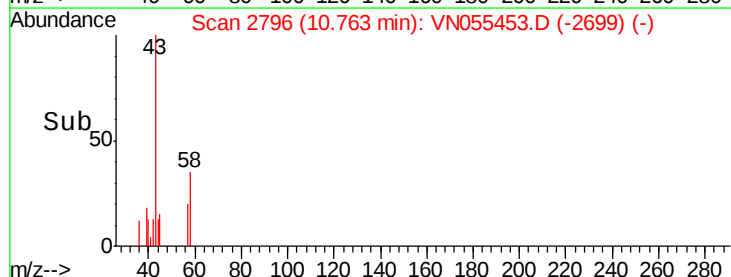
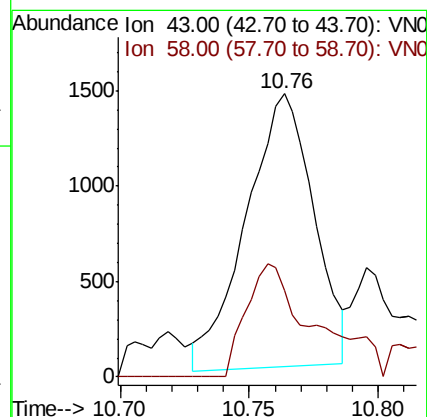
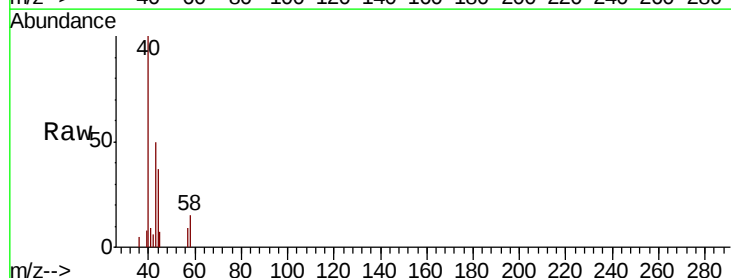
Acq: 7 May 2019 22:38

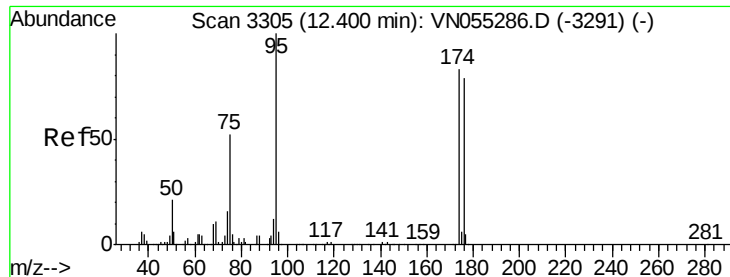
Tgt Ion: 43 Resp: 2614

Ion Ratio Lower Upper

43 100

58 41.9 24.9 74.6





#62

4-Bromofluorobenzene

Concen: 49.989 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN055453.D

Acq: 7 May 2019 22:38

Instrument :

MSVOA_N

ClientSampleId :

P026-SS001-0002-01

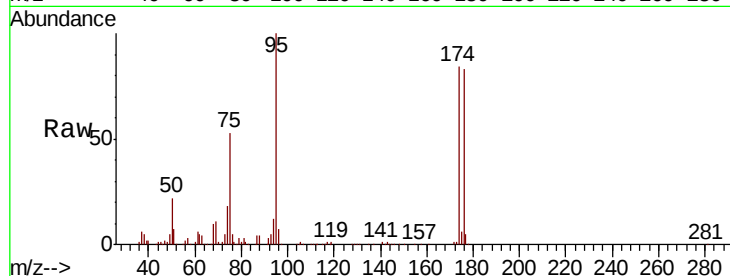
Tot Ion: 95 Resp: 248709

Ion Ratio Lower Upper

95 100

174 83.3 0.0 166.6

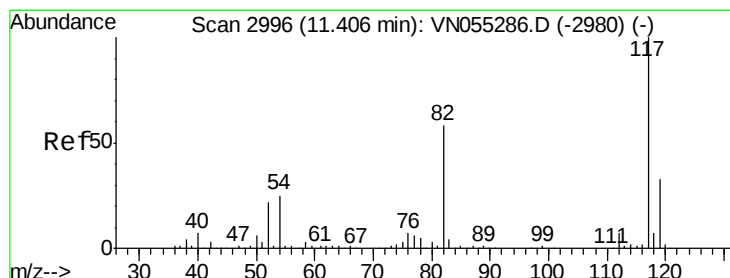
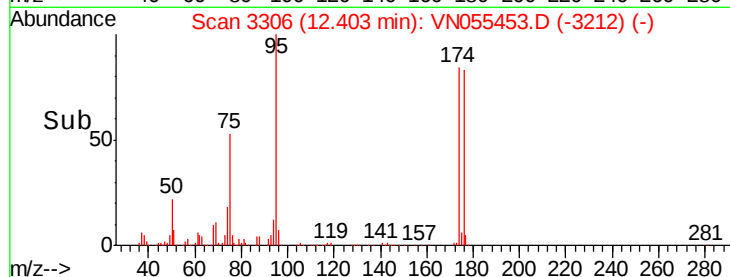
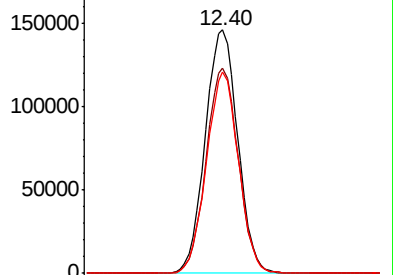
176 81.4 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN055453.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN055453.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN055453.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN055453.D

Acq: 7 May 2019 22:38

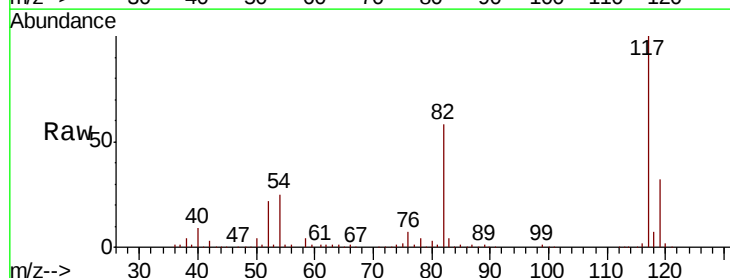
Tgt Ion: 117 Resp: 559005

Ion Ratio Lower Upper

117 100

82 57.8 46.2 69.4

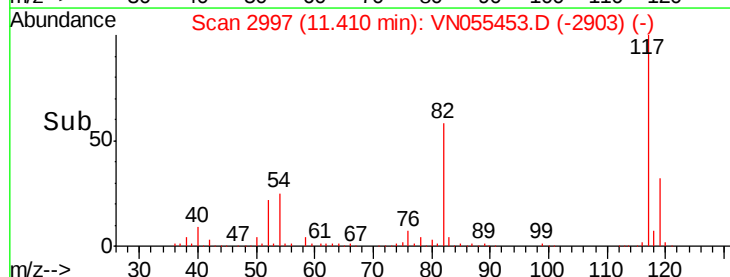
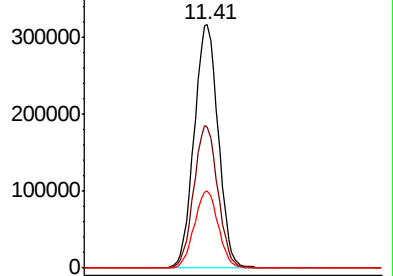
119 31.5 26.6 40.0

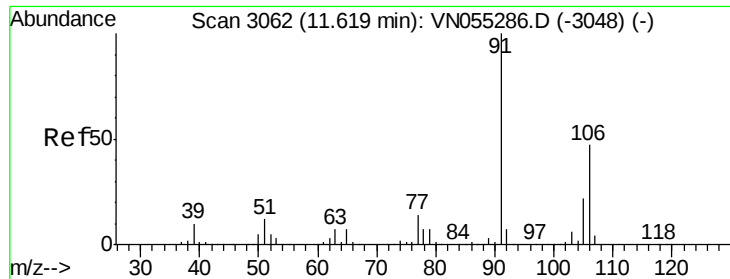


Abundance Ion 116.90 (116.60 to 117.60): VN055453.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055453.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055453.D (-2903) (-)

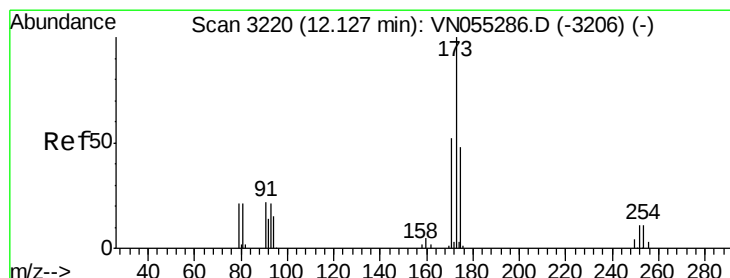
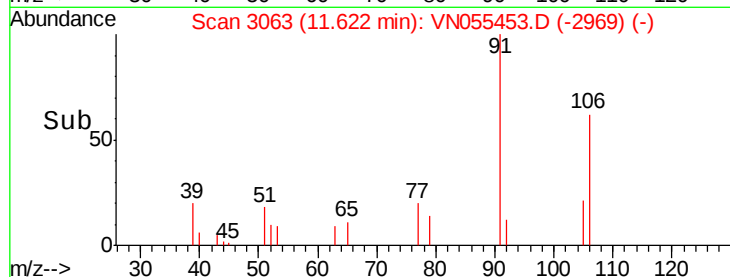
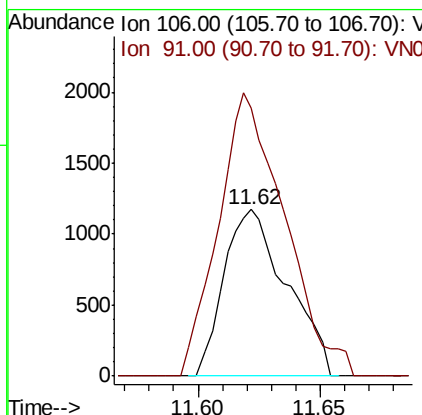
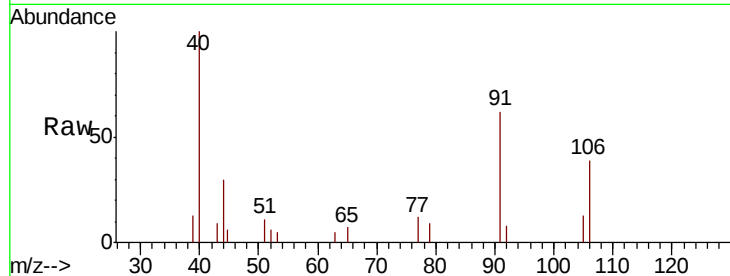




#68
m/p-Xvlenes
Concen: 0.298 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN055453.D
Acq: 7 May 2019 22:38

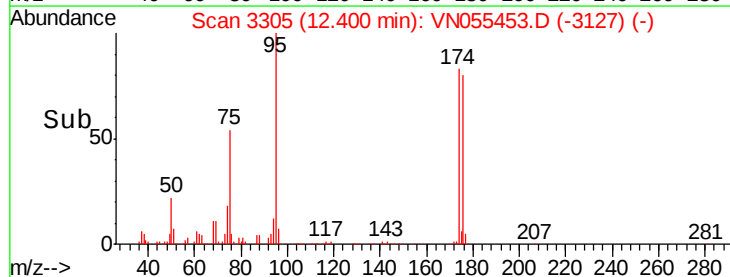
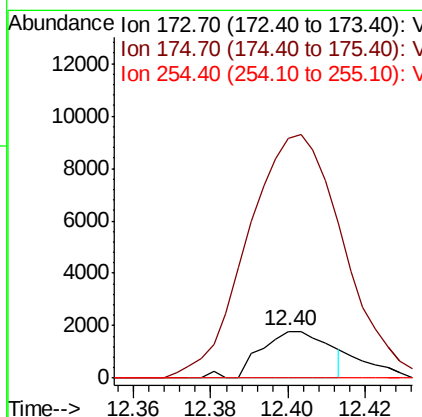
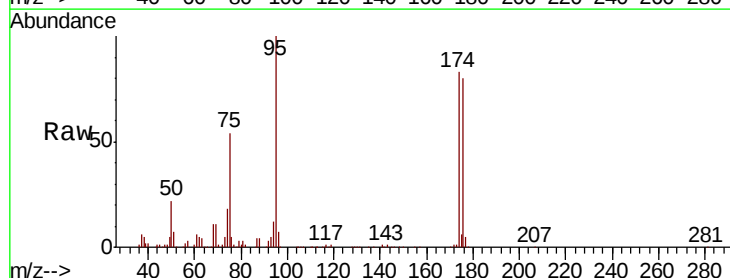
Instrument :
MSVOA_N
ClientSampleId :
P026-SS001-0002-01

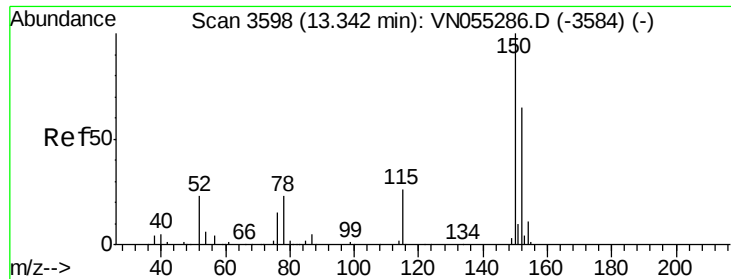
Tot Ion:106 Resp: 2101
Ion Ratio Lower Upper
106 100
91 179.2 169.5 254.3



#71
Bromoform
Concen: 0.925 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN055453.D
Acq: 7 May 2019 22:38

Tgt Ion:173 Resp: 2197
Ion Ratio Lower Upper
173 100
175 629.4 23.6 71.0#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN055453.D

Acq: 7 May 2019 22:38

Instrument :

MSVOA_N

ClientSampleId :

P026-SS001-0002-01

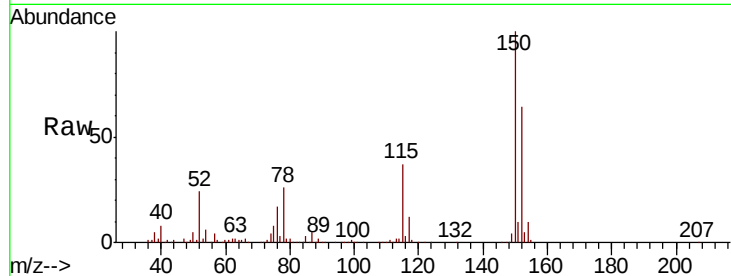
Tot Ion:152 Resp: 199003

Ion Ratio Lower Upper

152 100

115 57.6 29.0 87.0

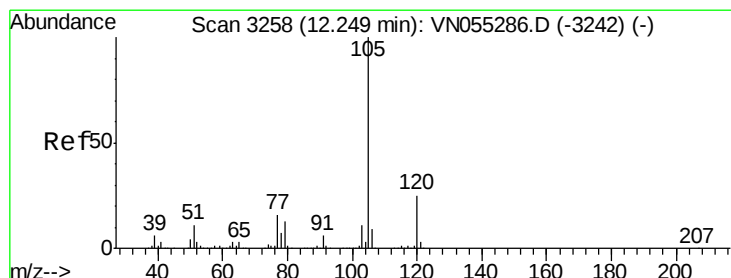
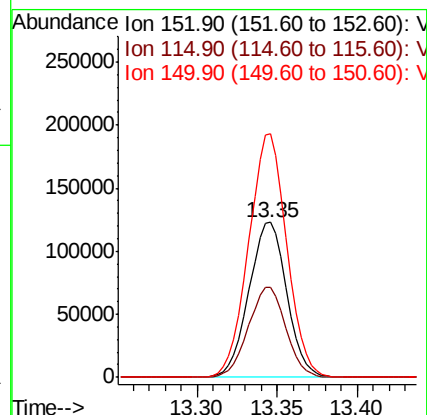
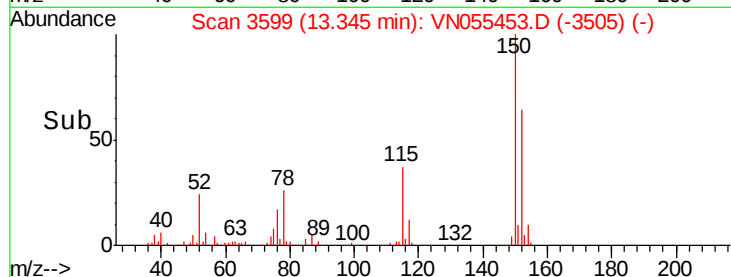
150 157.7 0.0 345.6



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# 3259

Delta R.T. 0.00 min

Lab File: VN055453.D

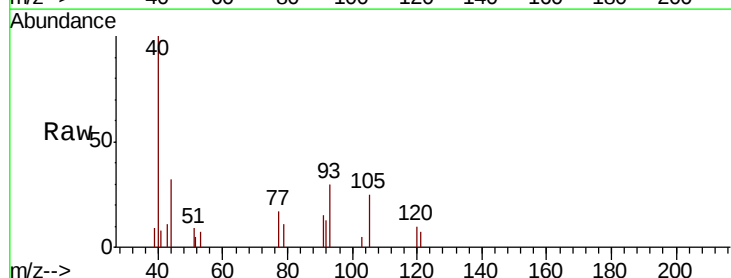
Acq: 7 May 2019 22:38

Tgt Ion:105 Resp: 1260

Ion Ratio Lower Upper

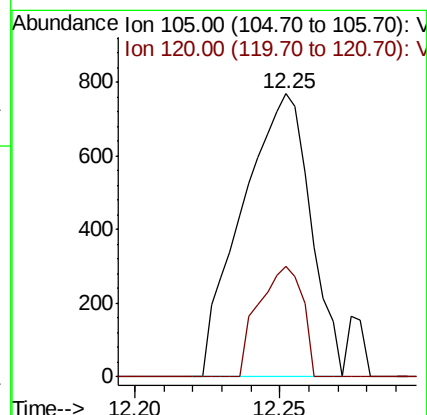
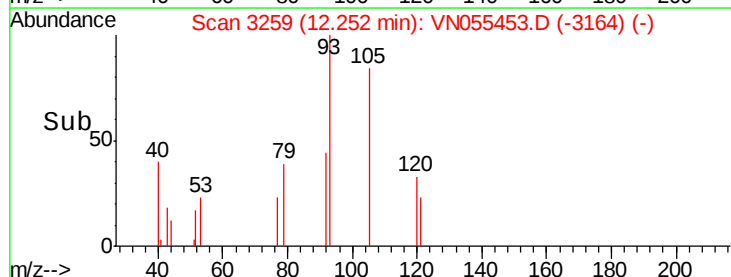
105 100

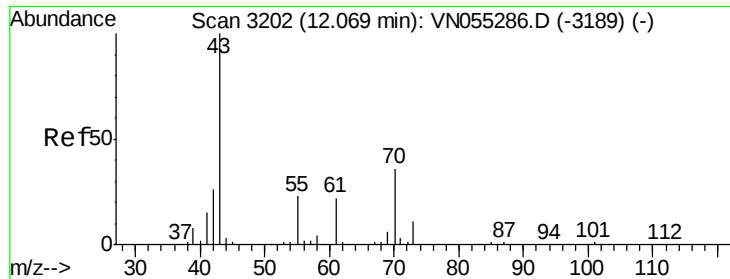
120 25.0 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.227 ug/l

RT: 12.08 min Scan# 3205

Delta R.T. 0.01 min

Lab File: VN055453.D

Acq: 7 May 2019 22:38

Instrument :

MSVOA_N

ClientSampleId :

P026-SS001-0002-01

Tot Ion: 43 Resp: 1161

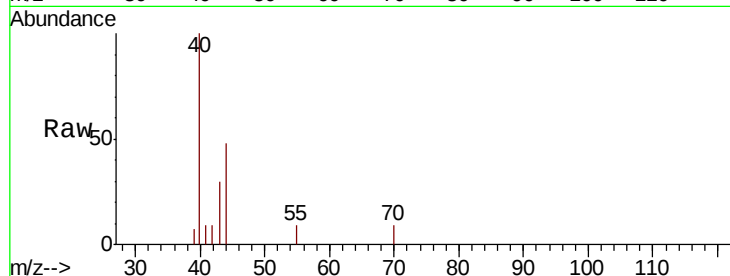
Ion Ratio Lower Upper

43 100

70 14.8 27.9 41.9#

55 0.0 18.2 27.2#

61 0.0 16.9 25.3#

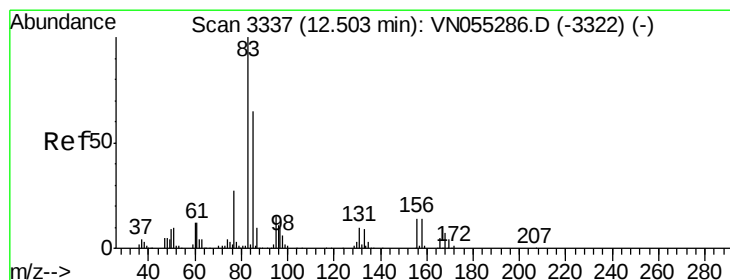
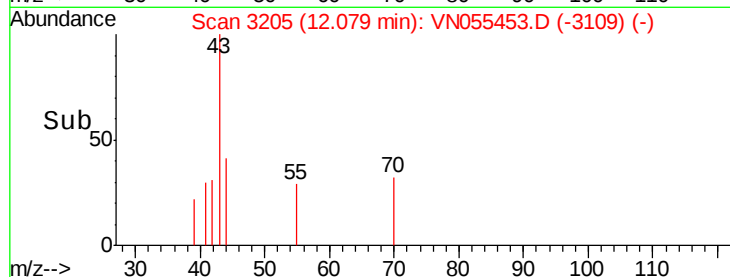
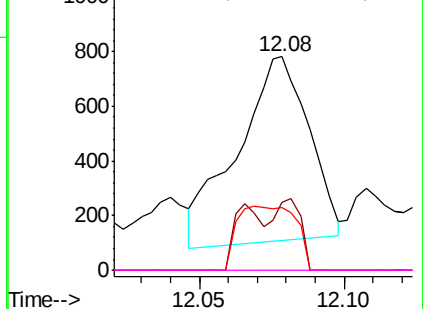


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.51 min Scan# 3340

Delta R.T. 0.01 min

Lab File: VN055453.D

Acq: 7 May 2019 22:38

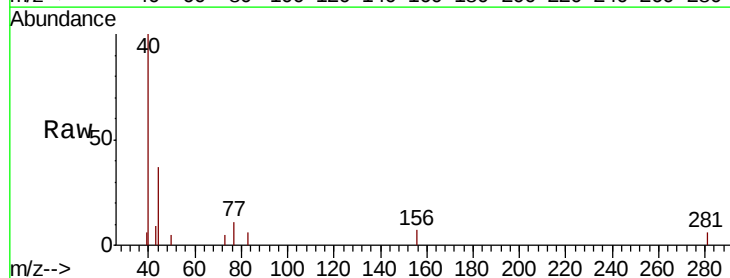
Tgt Ion: 83 Resp: 101

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.2#

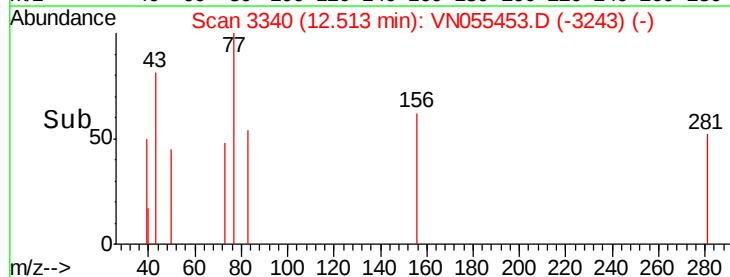
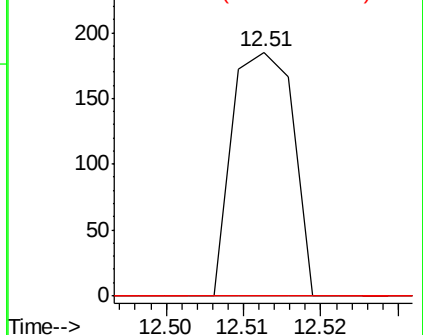
85 0.0 32.3 96.8#

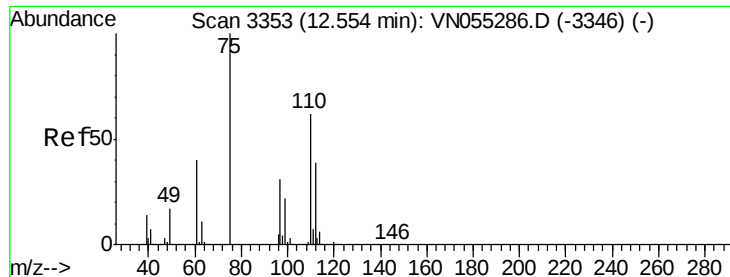


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 34.489 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN055453.D

Acq: 7 May 2019 22:38

Instrument :

MSVOA_N

ClientSampleId :

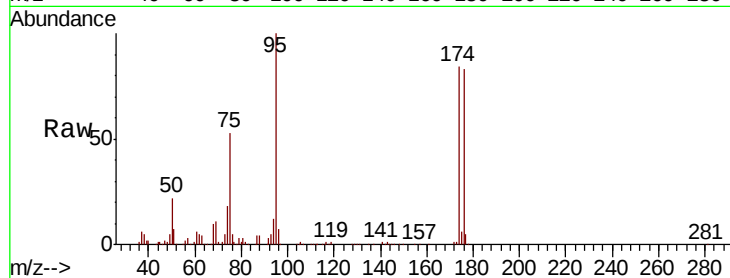
P026-SS001-0002-01

Tot Ion: 75 Resp: 130464

Ion Ratio Lower Upper

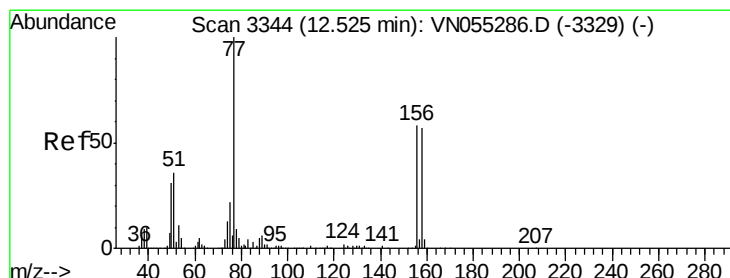
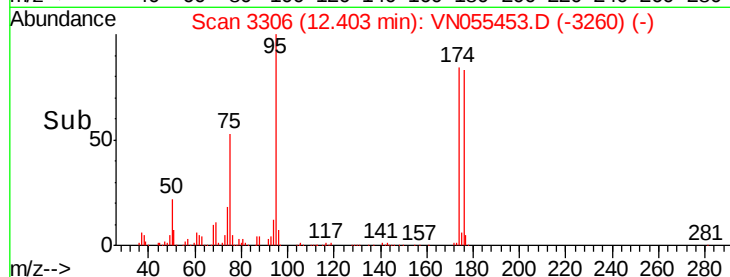
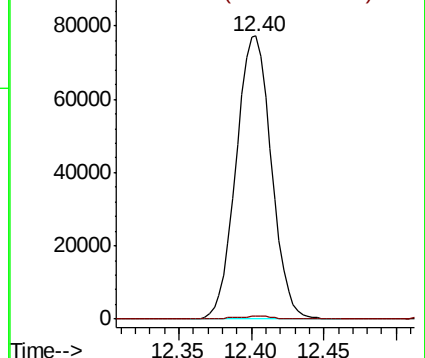
75 100

77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#77

Bromobenzene

Concen: Below Cal

RT: 12.52 min Scan# 3342

Delta R.T. -0.01 min

Lab File: VN055453.D

Acq: 7 May 2019 22:38

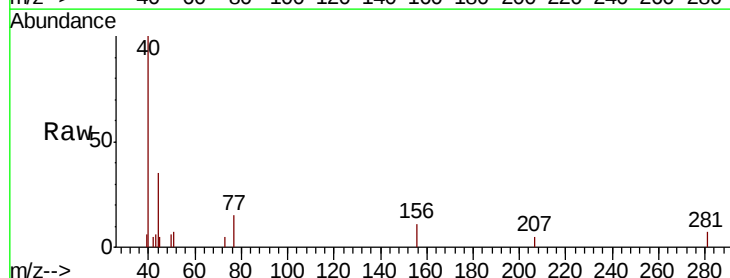
Tgt Ion: 156 Resp: 325

Ion Ratio Lower Upper

156 100

77 281.8 99.6 298.8

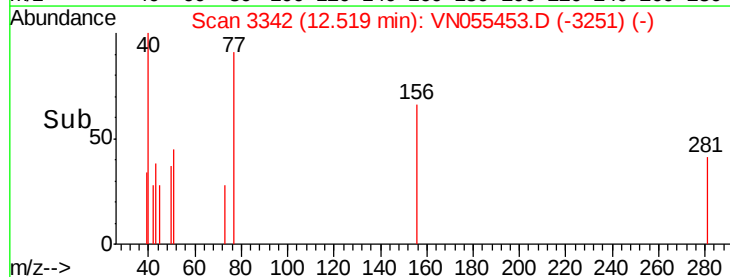
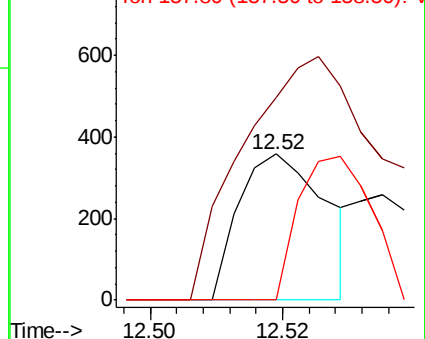
158 82.8 49.3 147.8

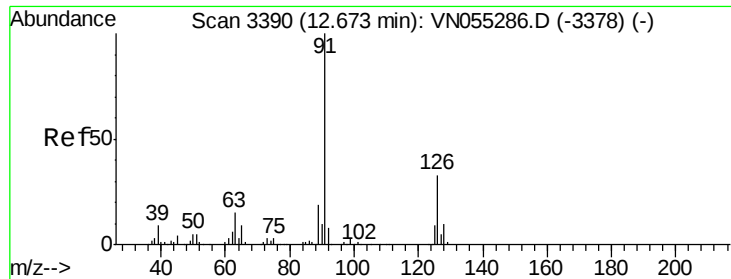


Abundance Ion 155.80 (155.50 to 156.50): V

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# 3392

Delta R.T. 0.01 min

Lab File: VN055453.D

Acq: 7 May 2019 22:38

Instrument :

MSVOA_N

ClientSampleId :

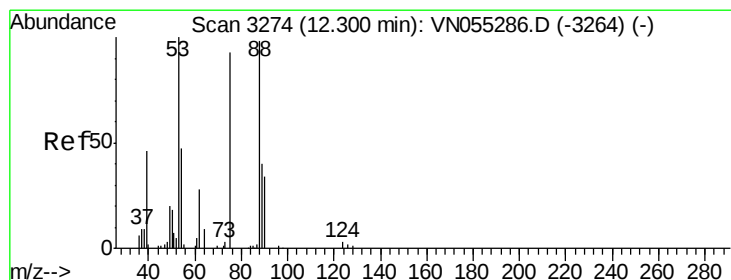
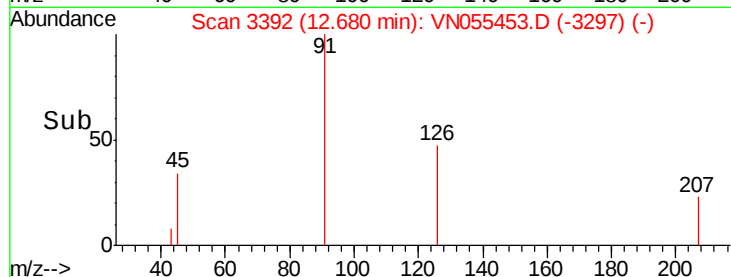
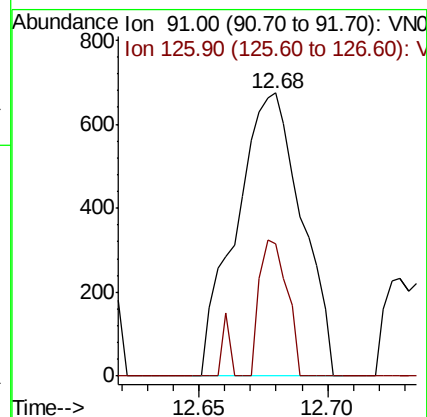
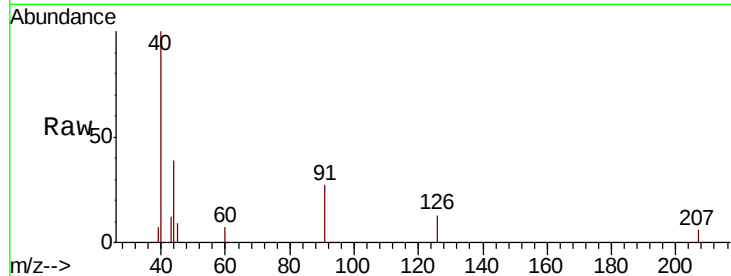
P026-SS001-0002-01

Tot Ion: 91 Resp: 1193

Ion Ratio Lower Upper

91 100

126 20.6 16.6 49.7



#81

trans-1,4-Dichloro-2-butene

Concen: 124.238 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN055453.D

Acq: 7 May 2019 22:38

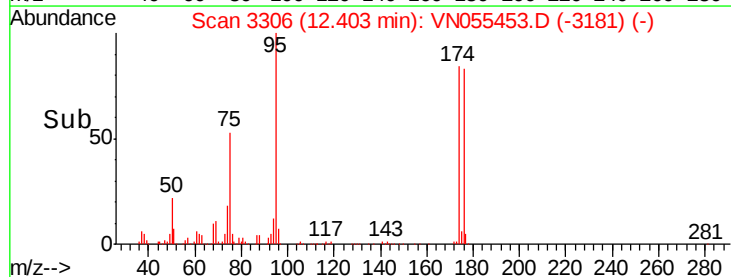
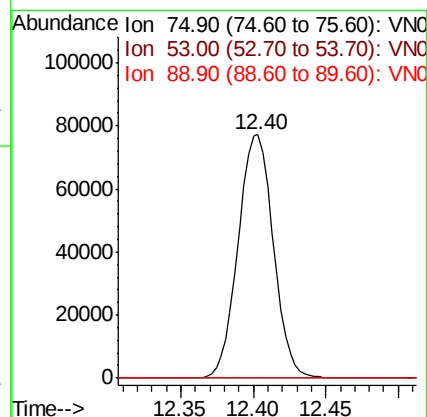
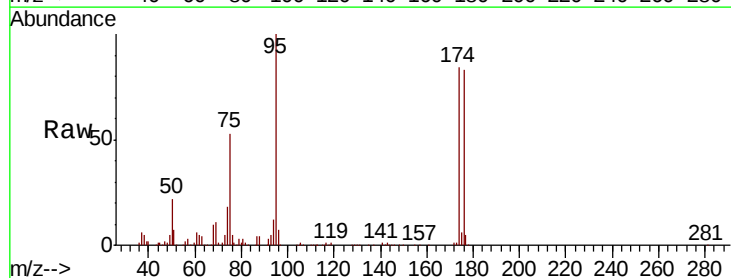
Tgt Ion: 75 Resp: 130464

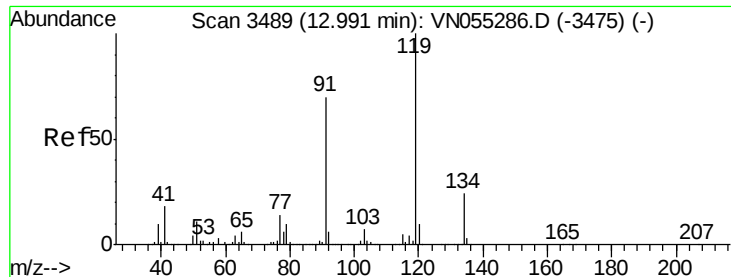
Ion Ratio Lower Upper

75 100

53 0.0 86.3 129.5#

89 0.0 34.6 51.8#

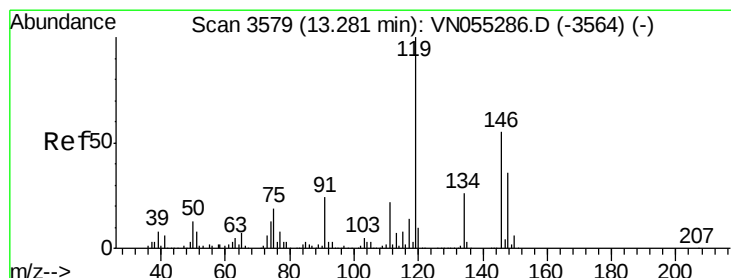
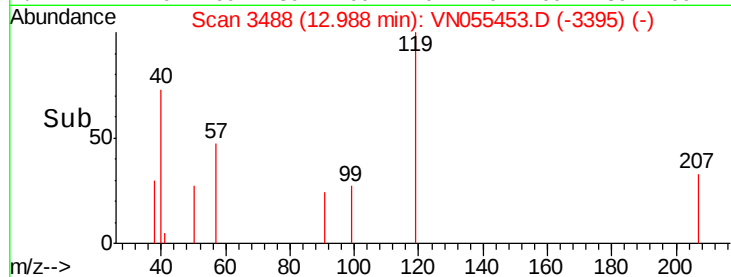
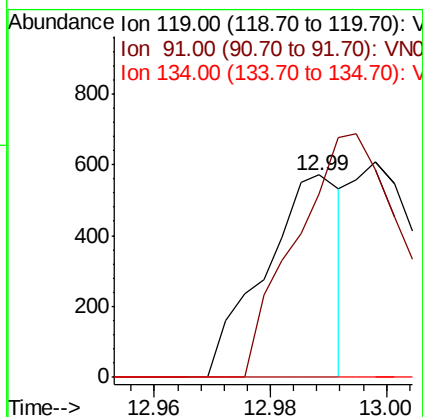
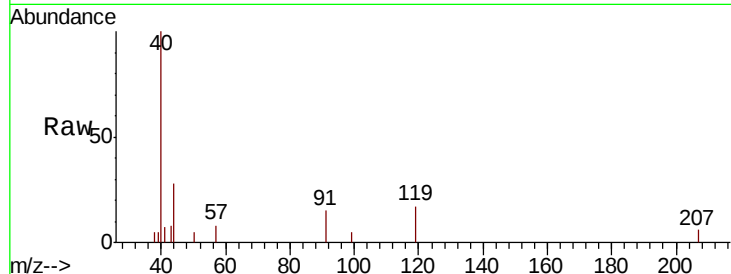




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN055453.D
 Acq: 7 May 2019 22:38

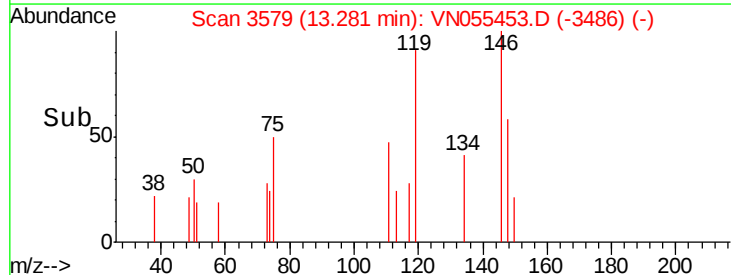
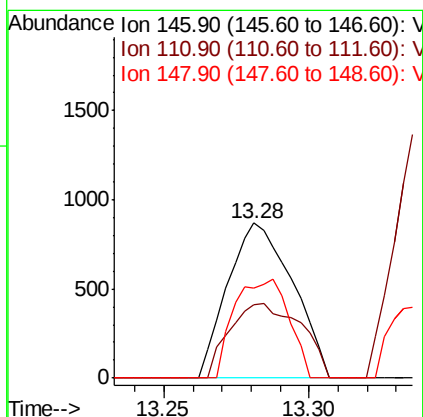
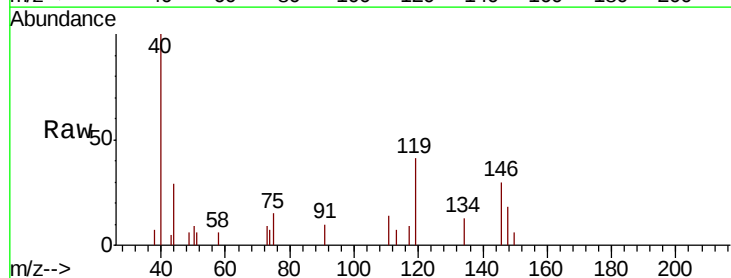
Instrument :
 MSVOA_N
 ClientSampleId :
 P026-SS001-0002-01

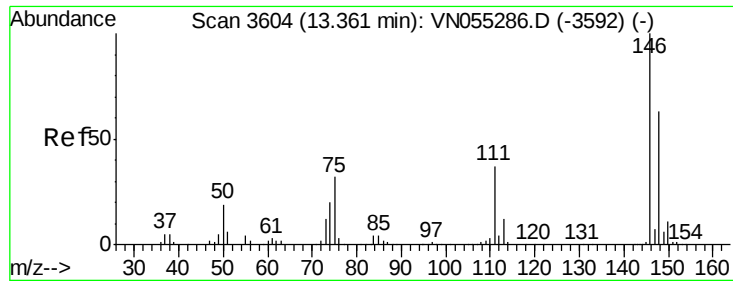
Tot Ion:119 Resp: 525
 Ion Ratio Lower Upper
 119 100
 91 170.7 34.3 102.9#
 134 0.0 13.1 39.3#



#87
 1,3-Dichlorobenzene
 Concen: 0.203 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055453.D
 Acq: 7 May 2019 22:38

Tgt Ion:146 Resp: 1351
 Ion Ratio Lower Upper
 146 100
 111 53.1 20.3 60.8
 148 53.4 32.5 97.5





#88

1,4-Dichlorobenzene

Concen: 0.215 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.08 min

Lab File: VN055453.D

Acq: 7 May 2019 22:38

Instrument :

MSVOA_N

ClientSampleId :

P026-SS001-0002-01

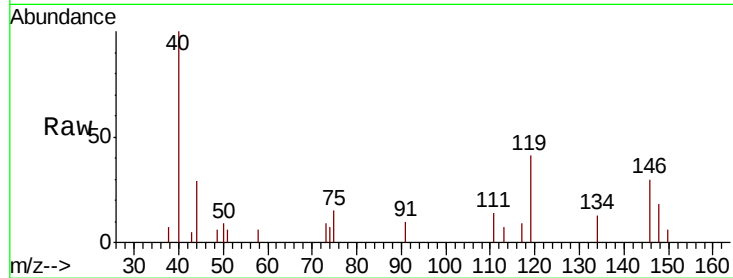
Tot Ion:146 Resp: 1351

Ion Ratio Lower Upper

146 100

111 53.1 19.5 58.5

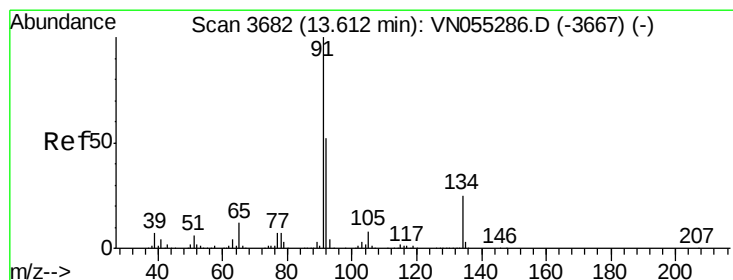
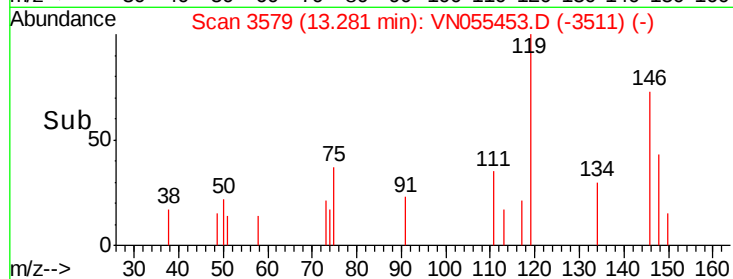
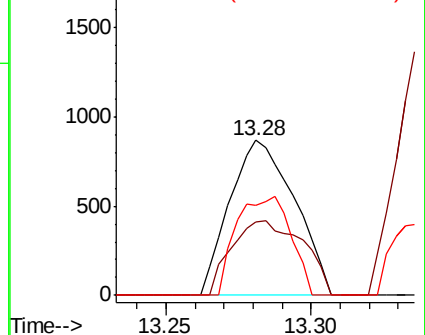
148 53.4 32.5 97.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 0.348 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055453.D

Acq: 7 May 2019 22:38

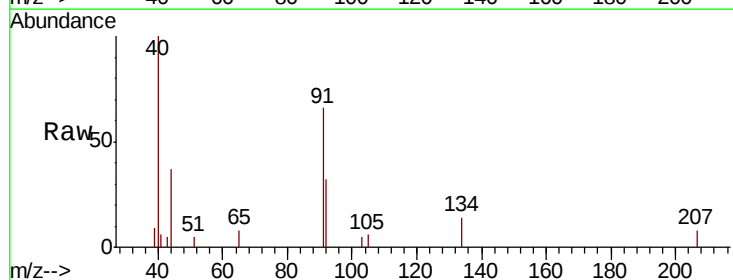
Tgt Ion: 91 Resp: 3451

Ion Ratio Lower Upper

91 100

92 48.3 26.1 78.3

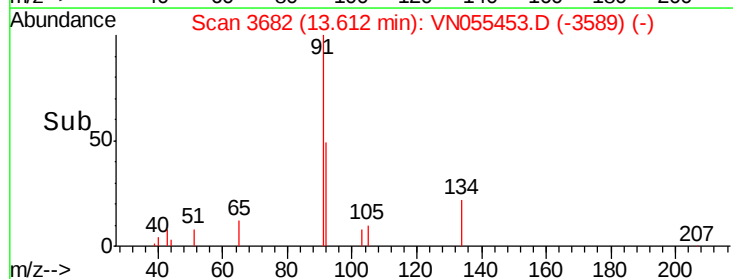
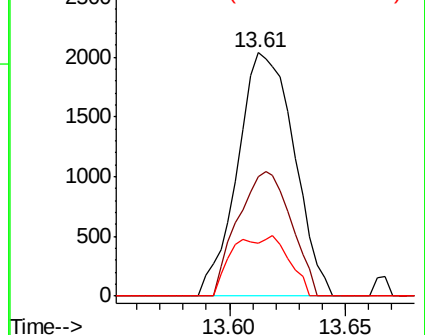
134 12.9 12.4 37.4

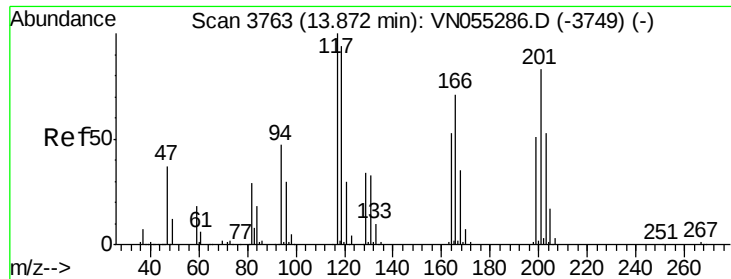


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: Below Cal

RT: 13.88 min Scan# 3765

Delta R.T. 0.01 min

Lab File: VN055453.D

Acq: 7 May 2019 22:38

Instrument :

MSVOA_N

ClientSampleId :

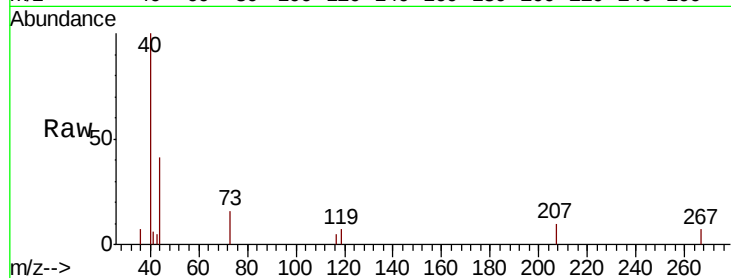
P026-SS001-0002-01

Tot Ion:117 Resp: 63

Ion Ratio Lower Upper

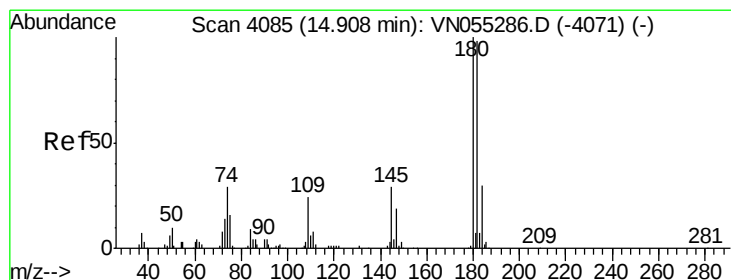
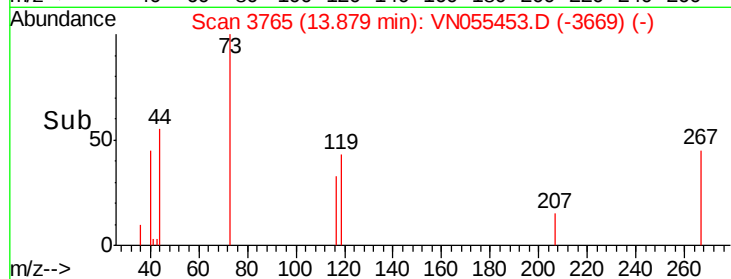
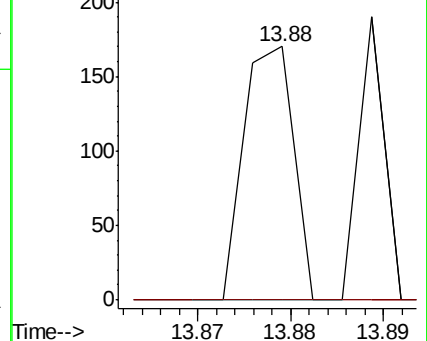
117 100

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



#93

1,2,4-Trichlorobenzene

Concen: 4.027 ug/l

RT: 14.90 min Scan# 4084

Delta R.T. -0.00 min

Lab File: VN055453.D

Acq: 7 May 2019 22:38

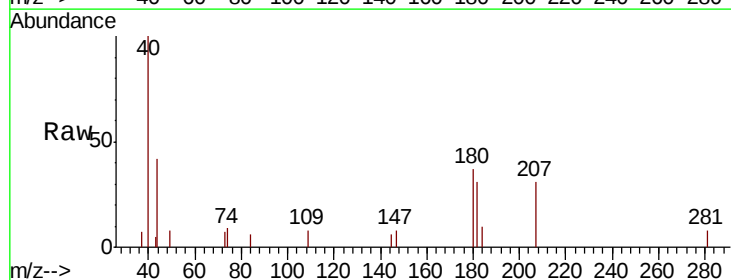
Tgt Ion:180 Resp: 1995

Ion Ratio Lower Upper

180 100

182 88.3 48.3 144.9

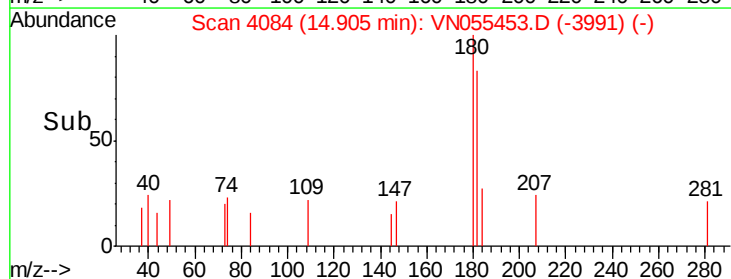
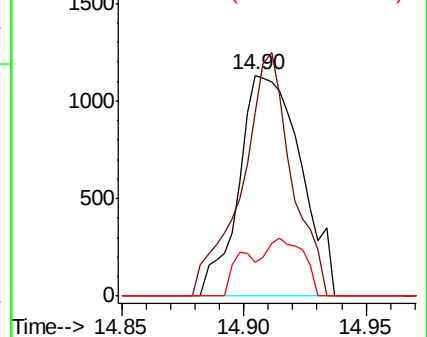
145 16.2 14.2 42.6

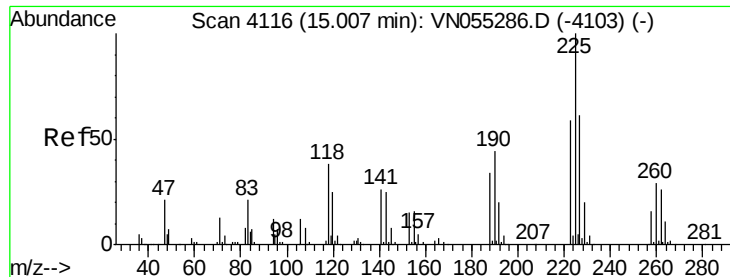


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN055453.D

Acq: 7 May 2019 22:38

Instrument :

MSVOA_N

ClientSampleId :

P026-SS001-0002-01

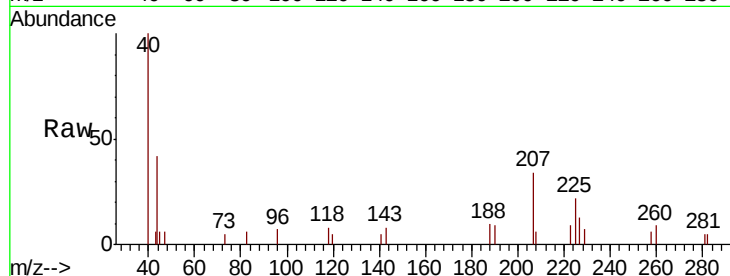
Tot Ion:225 Resp: 868

Ion Ratio Lower Upper

225 100

223 41.8 30.3 90.8

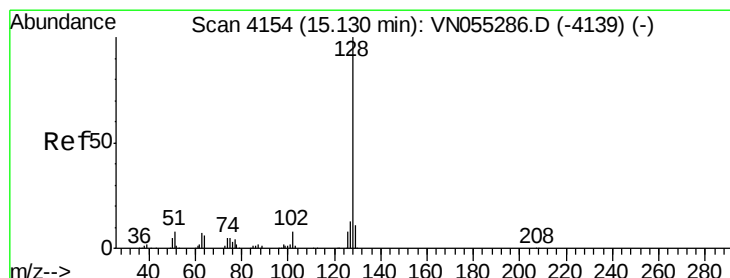
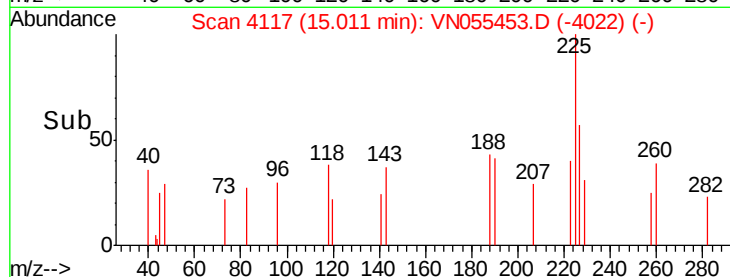
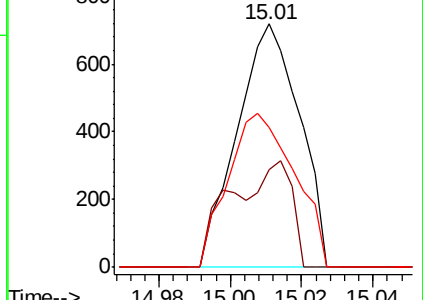
227 67.4 30.9 92.7



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: 4.062 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055453.D

Acq: 7 May 2019 22:38

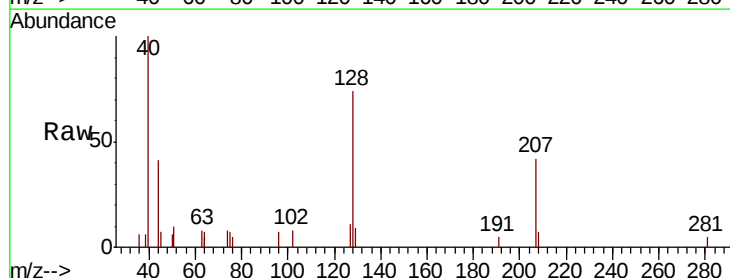
Tgt Ion:128 Resp: 4347

Ion Ratio Lower Upper

128 100

127 10.2 10.7 16.1#

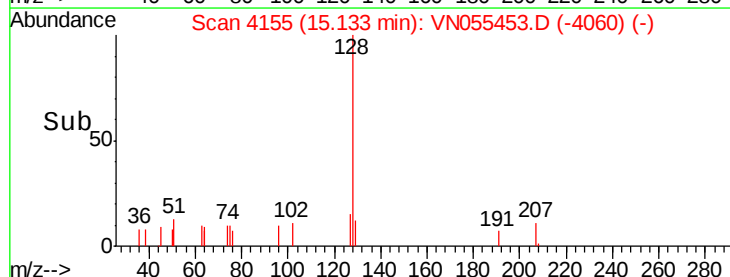
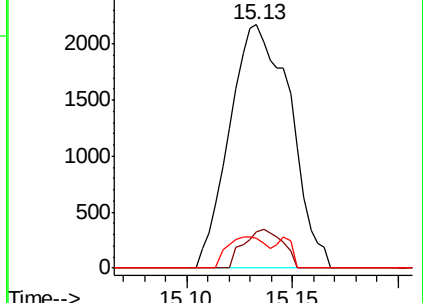
129 8.3 8.6 13.0#

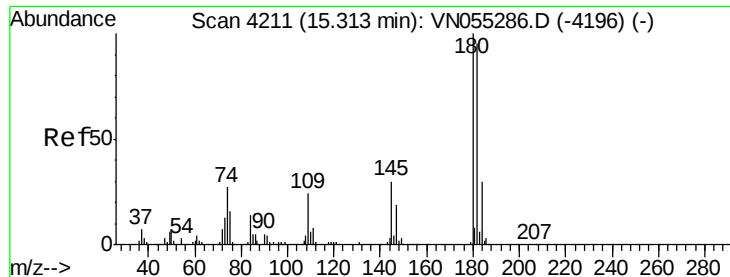


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 3.301 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN055453.D

Acq: 7 May 2019 22:38

Instrument :

MSVOA_N

ClientSampleId :

P026-SS001-0002-01

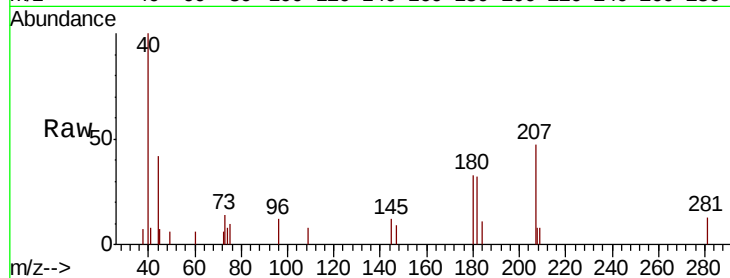
Tot Ion:180 Resp: 1862

Ion Ratio Lower Upper

180 100

182 89.4 48.3 144.9

145 19.9 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

