

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050719\
 Data File : VN055438.D
 Acq On : 7 May 2019 15:29
 Operator : JC/SP
 Sample : K2658-19 40X
 Misc : 5.85u/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-W5-6(13-17)

Quant Time: May 08 05:49:12 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	455760	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	715975	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	580400	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	205780	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	290695	48.75	ug/l	0.00
Spiked Amount			Recovery	=	97.50%	
35) Dibromofluoromethane	7.59	113	225311	47.94	ug/l	0.00
Spiked Amount			Recovery	=	95.88%	
50) Toluene-d8	10.09	98	842589	49.65	ug/l	0.00
Spiked Amount			Recovery	=	99.30%	
62) 4-Bromofluorobenzene	12.40	95	271789	51.25	ug/l	0.00
Spiked Amount			Recovery	=	102.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.84	43	1365	0.735	ug/l #	45
17) Carbon Disulfide	4.06	76	4052	0.345	ug/l #	74
18) Methyl Acetate	4.34	43	3373	Below Cal	#	61
31) Cyclohexane	7.67	56	10292	1.097	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	35092	5.117	ug/l #	50
38) Carbon Tetrachloride	7.67	117	44070	6.662	ug/l #	16
41) Methacrylonitrile	7.14	41	61	0.761	ug/l #	23
51) 4-Methyl-2-Pentanone	9.99	43	1410	0.296	ug/l #	39
55) 1,1,2-Trichloroethane	10.53	97	8307	1.929	ug/l #	21
56) Ethyl methacrylate	10.43	69	3846	0.725	ug/l #	1
59) 2-Hexanone	10.72	43	71890	24.160	ug/l #	33
71) Bromoform	12.41	173	709	0.288	ug/l #	1
73) Isopropylbenzene	12.25	105	10014	Below Cal		99
74) N-amyl acetate	12.04	43	576010	109.070	ug/l #	61
75) 1,1,2,2-Tetrachloroethane	12.48	83	33072	5.266	ug/l #	68
76) 1,2,3-Trichloropropane	12.40	75	132826	33.916	ug/l #	100
77) Bromobenzene	12.52	156	378	Below Cal	#	6
78) n-propylbenzene	12.59	91	21793	1.031	ug/l	86
79) 2-Chlorotoluene	12.65	91	3370	Below Cal		88
80) 1,3,5-Trimethylbenzene	12.73	105	15409	0.955	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	132826	122.322	ug/l #	12
82) 4-Chlorotoluene	12.65	91	3370	0.274	ug/l	88
83) tert-Butylbenzene	12.99	119	41850	0.801	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	297995	20.654	ug/l	99
85) sec-Butylbenzene	13.17	105	306022	17.453	ug/l #	75
86) p-Isopropyltoluene	13.29	119	222690	15.452	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	1661	0.256	ug/l #	1
89) n-Butylbenzene	13.61	91	262143	25.598	ug/l #	73
90) Hexachloroethane	13.89	117	45977	19.177	ug/l #	7
91) 1,2-Dichlorobenzene	13.64	146	1552	0.227	ug/l #	64
92) 1,2-Dibromo-3-Chloropropan	14.25	75	2155	3.981	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	2636	4.225	ug/l #	1
94) Hexachlorobutadiene	15.01	225	1036	Below Cal		83
95) Naphthalene	15.13	128	7460	4.546	ug/l	99

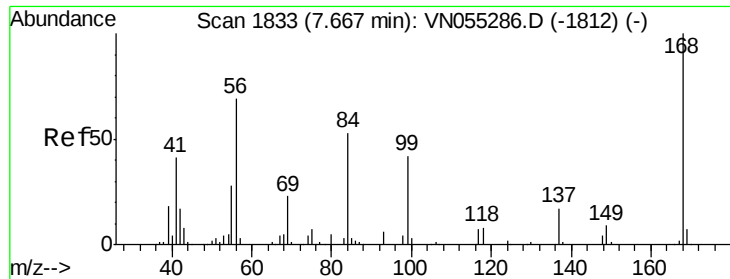
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050719\
Data File : VN055438.D
Acq On : 7 May 2019 15:29
Operator : JC/SP
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.31	180	3276	3.784	ug/l #	65

(#) = 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: VN055438.D

Acq: 7 May 2019 15:29

Instrument :

MSVOA_N

ClientSampleId :

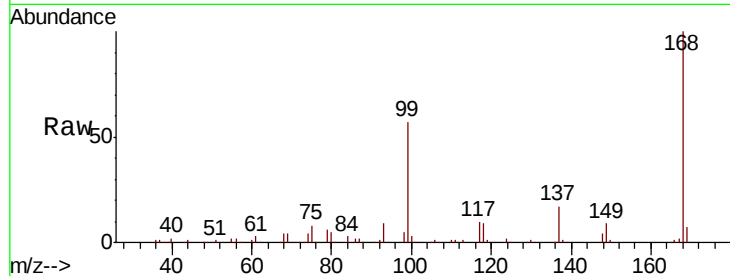
EP1-SB-W5-6(13-17)

Tot Ion:168 Resp: 455760

Ion Ratio Lower Upper

168 100

99 57.1 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

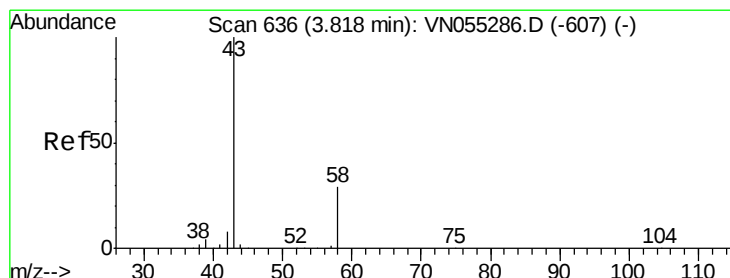
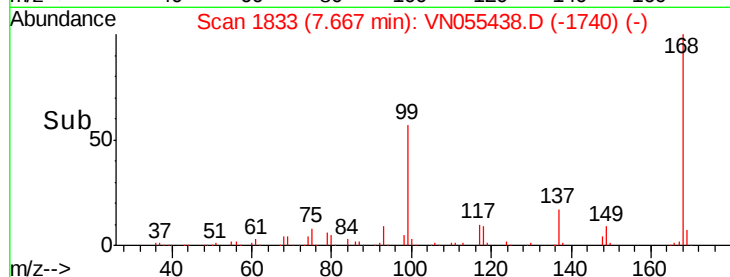
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 0.735 ug/l

RT: 3.84 min Scan# 644

Delta R.T. 0.03 min

Lab File: VN055438.D

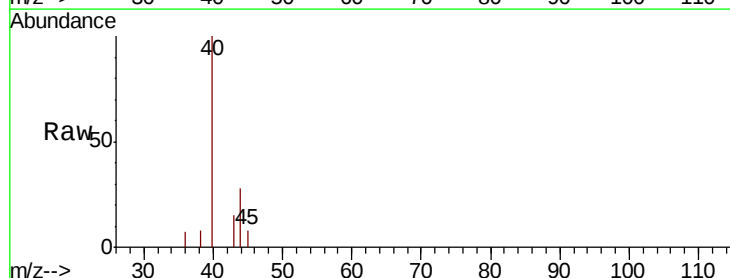
Acq: 7 May 2019 15:29

Tgt Ion: 43 Resp: 1365

Ion Ratio Lower Upper

43 100

58 0.0 23.6 35.4#



Abundance Ion 43.00 (42.70 to 43.70): VN055286.D (-607) (-)

Ion 58.00 (57.70 to 58.70): VN055286.D (-607) (-)

3.84

500

400

300

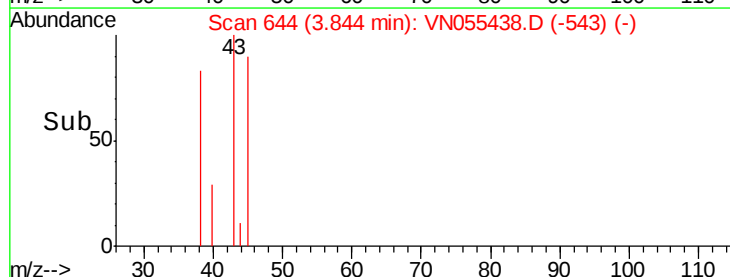
200

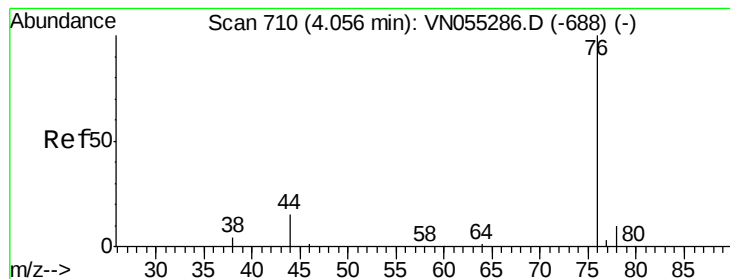
100

0

3.80 3.85 3.90

Time-->





#17

Carbon Disulfide

Concen: 0.345 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.00 min

Lab File: VN055438.D

Acq: 7 May 2019 15:29

Instrument :

MSVOA_N

ClientSampleId :

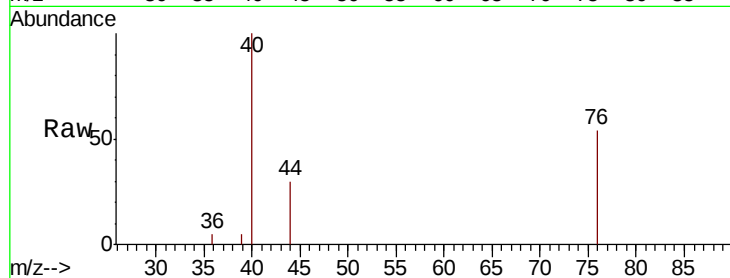
EP1-SB-W5-6(13-17)

Tot Ion: 76 Resp: 4052

Ion Ratio Lower Upper

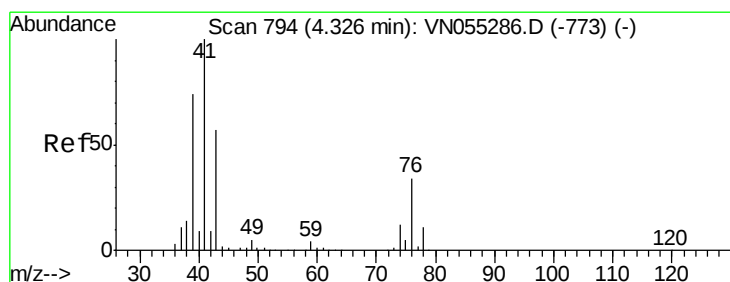
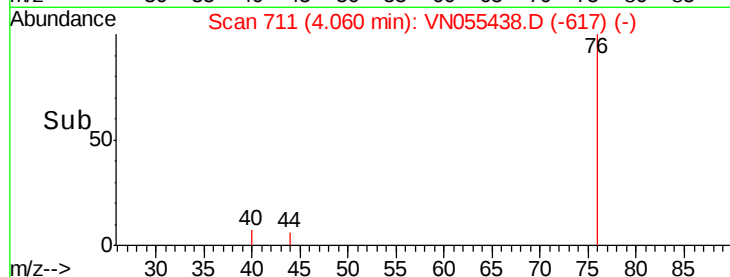
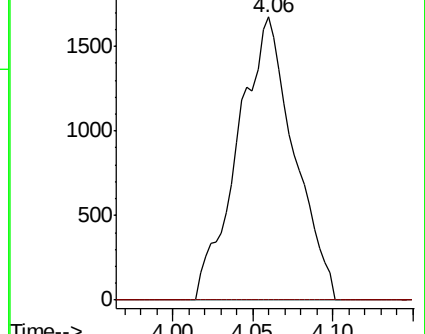
76 100

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



#18

Methyl Acetate

Concen: Below Cal

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN055438.D

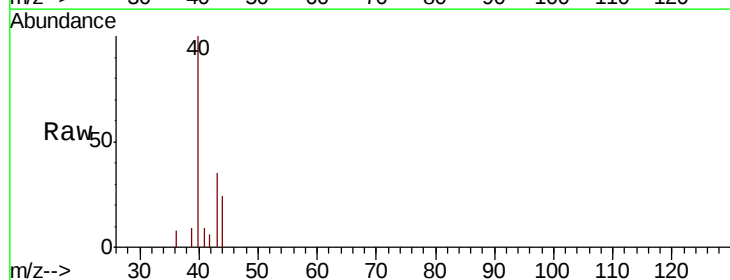
Acq: 7 May 2019 15:29

Tgt Ion: 43 Resp: 3373

Ion Ratio Lower Upper

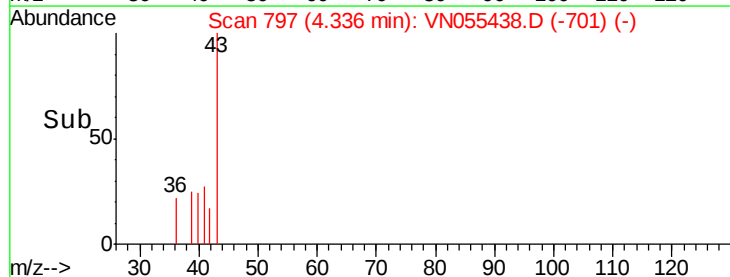
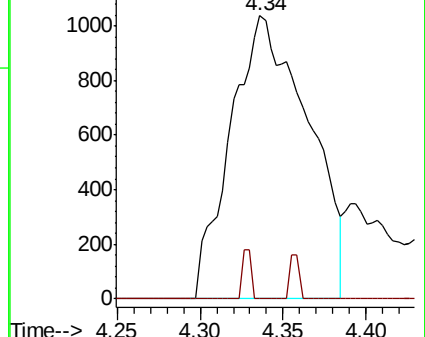
43 100

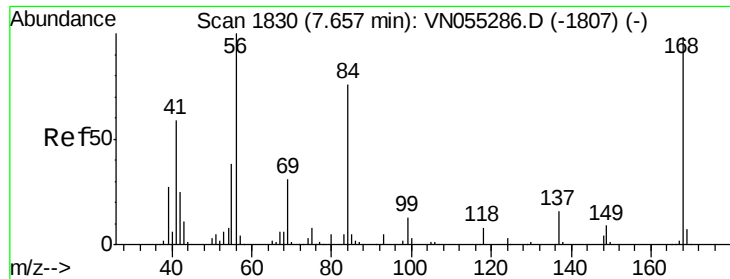
74 2.1 15.8 23.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

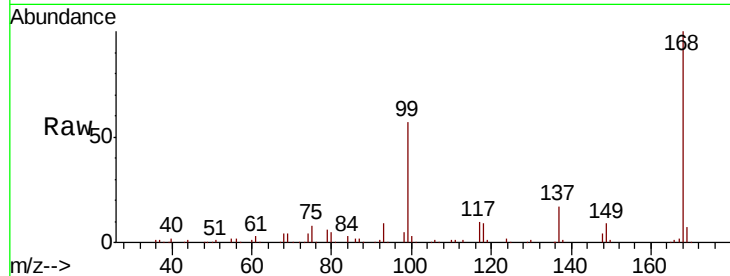




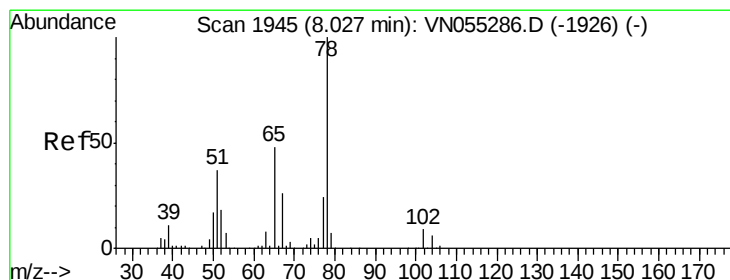
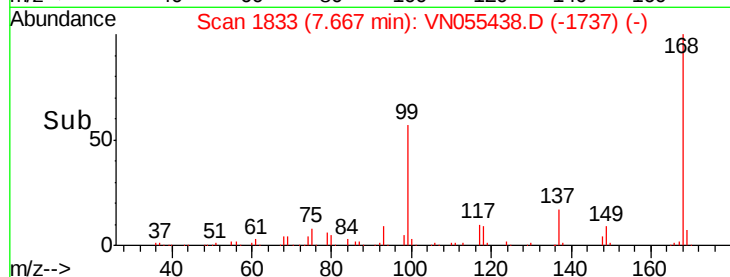
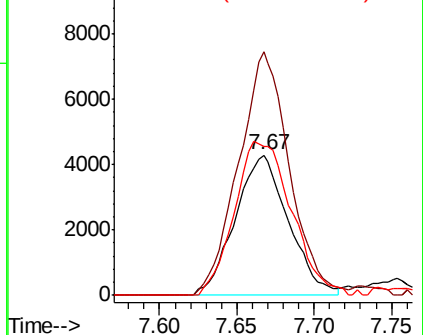
#31
Cyclohexane
Concen: 1.097 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN055438.D
Acq: 7 May 2019 15:29

Instrument :
MSVOA_N
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EP1-SB-W5-6(13-17)

Tot Ion: 56 Resp: 10292
Ion Ratio Lower Upper
56 100
69 173.5 25.2 37.8#
84 105.9 61.1 91.7#

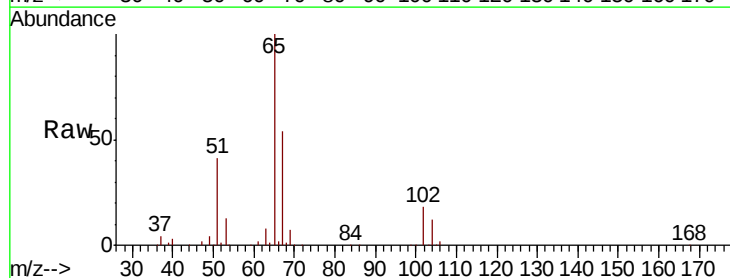


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

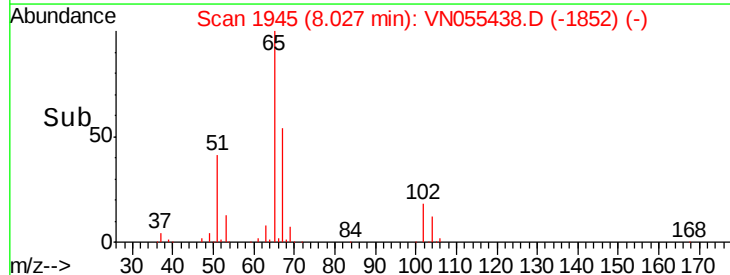
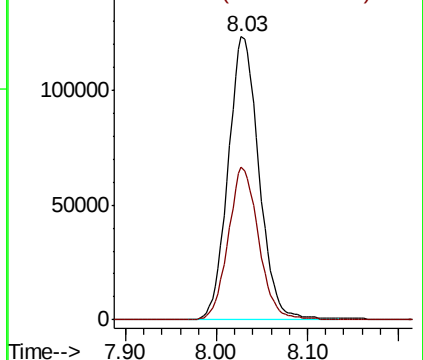


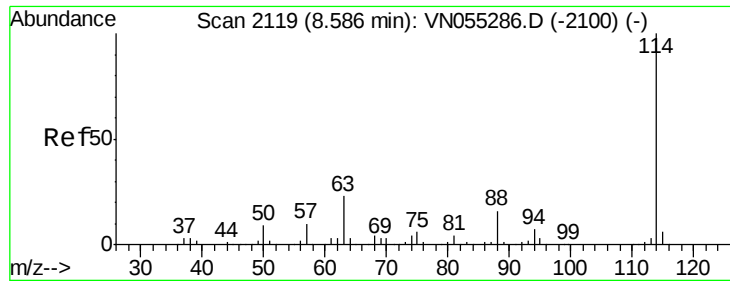
#33
1,2-Dichloroethane-d4
Concen: 48.755 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055438.D
Acq: 7 May 2019 15:29

Tgt Ion: 65 Resp: 290695
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

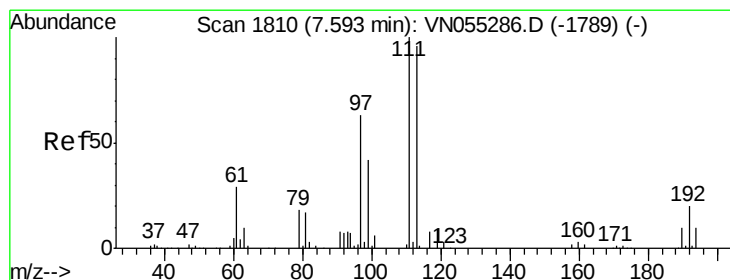
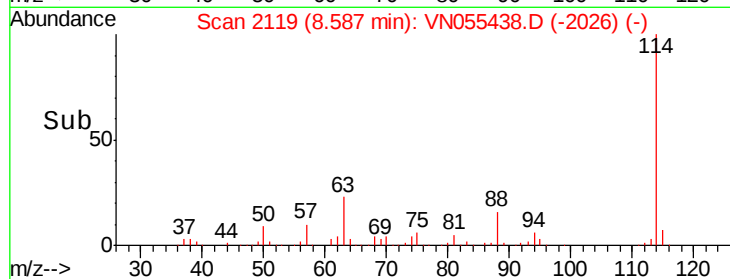
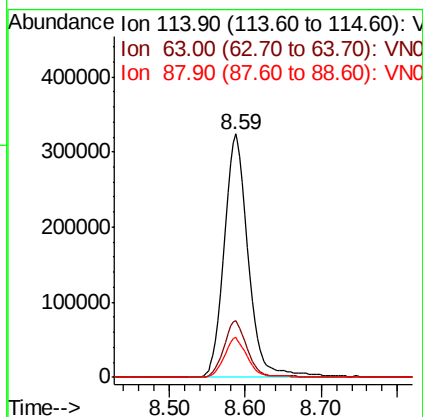
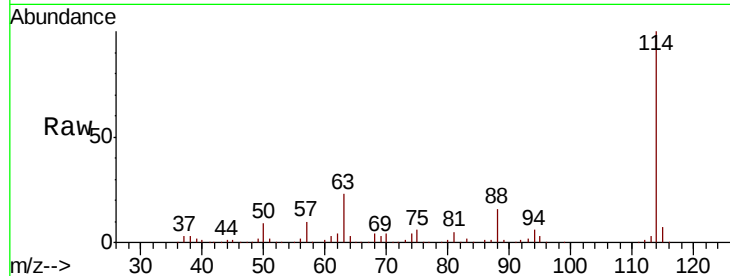




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055438.D
 Acq: 7 May 2019 15:29

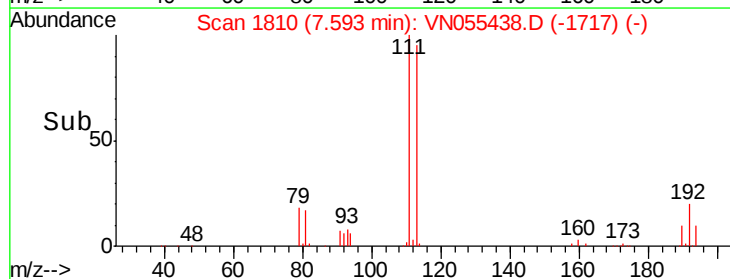
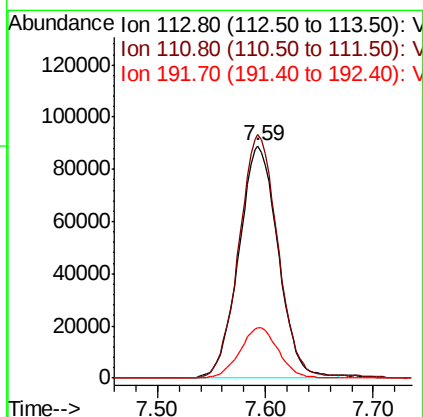
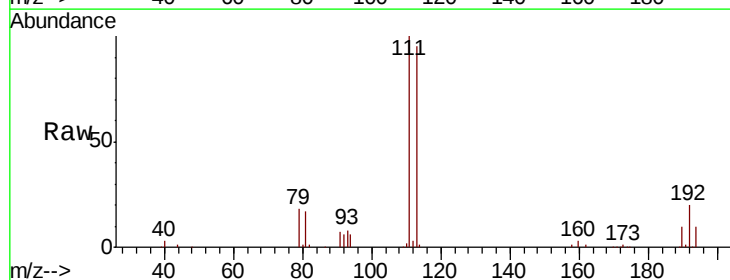
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-W5-6(13-17)

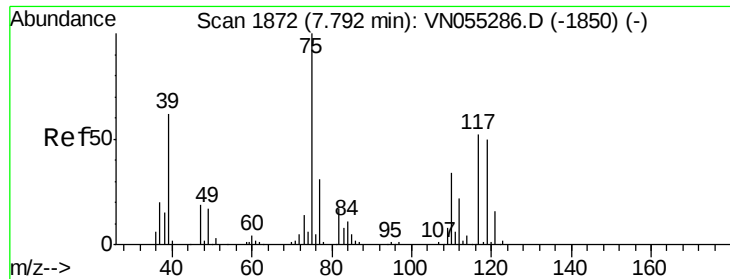
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	45.2
88	16.3	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 47.944 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055438.D
 Acq: 7 May 2019 15:29

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.3	123.5
192	21.2	17.0	25.6





#36

1,1-Dichloropropene

Concen: 5.117 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN055438.D

Acq: 7 May 2019 15:29

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-W5-6(13-17)

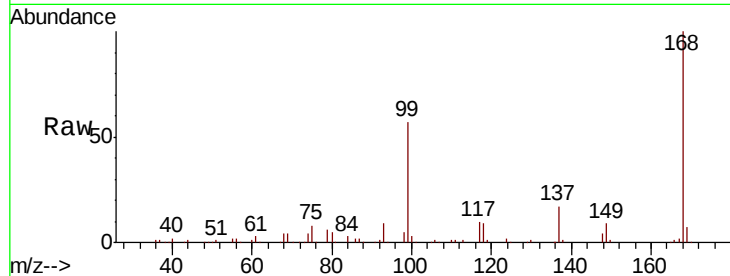
Tot Ion: 75 Resp: 35092

Ion Ratio Lower Upper

75 100

110 8.7 16.8 50.4#

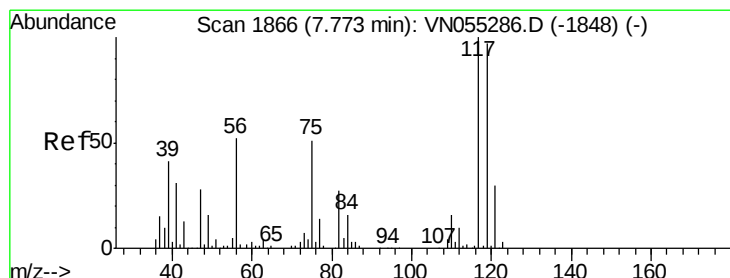
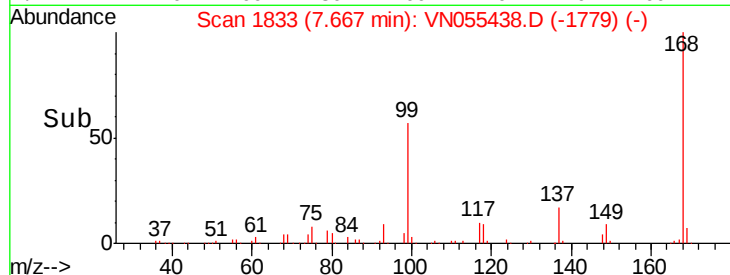
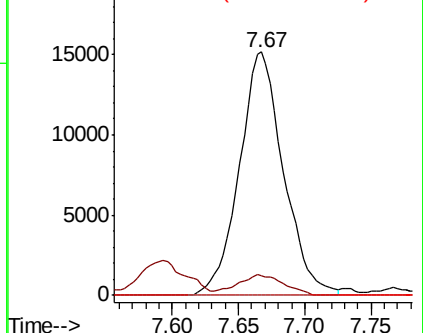
77 0.0 25.0 37.6#



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: 6.662 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. -0.10 min

Lab File: VN055438.D

Acq: 7 May 2019 15:29

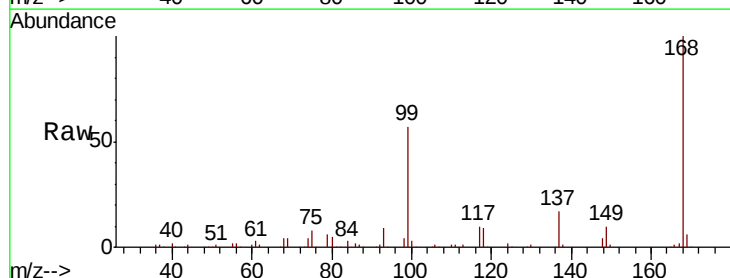
Tgt Ion: 117 Resp: 44070

Ion Ratio Lower Upper

117 100

119 4.8 77.0 115.6#

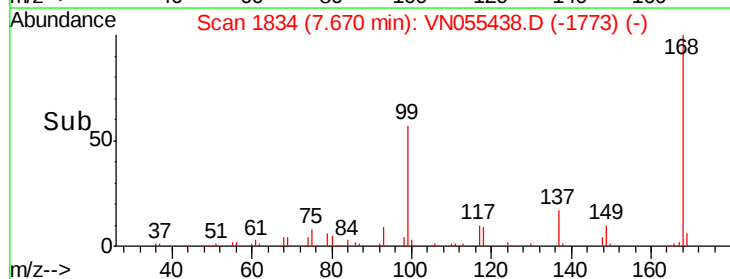
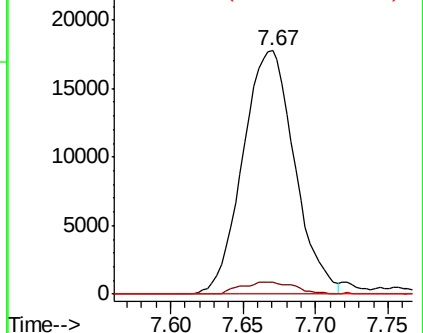
121 0.0 23.8 35.8#

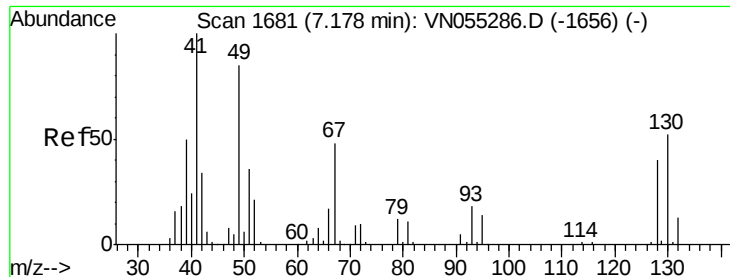


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

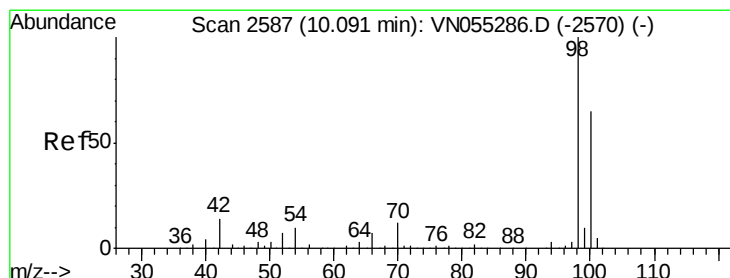
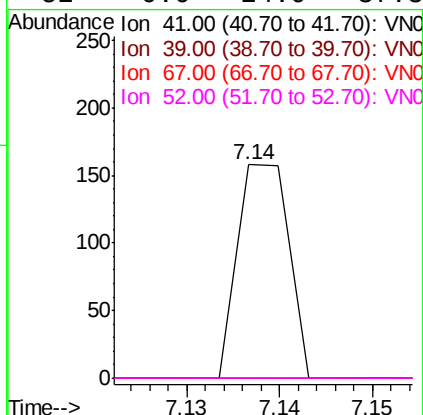
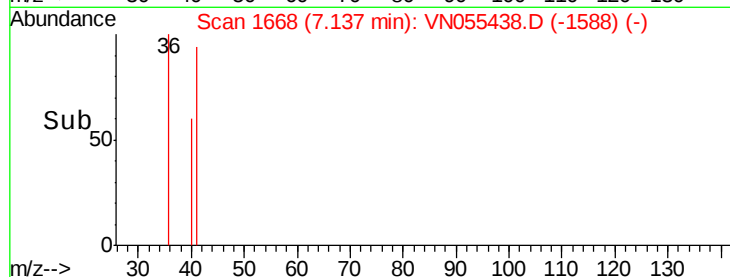
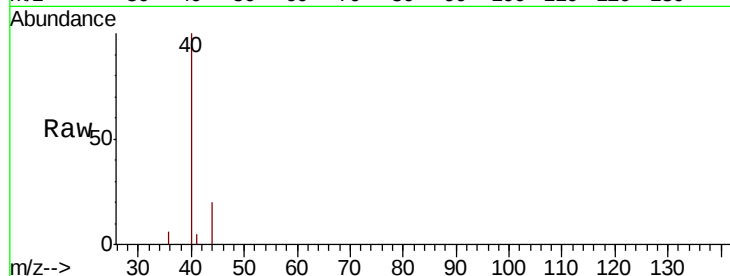




#41
Methacrylonitrile
Concen: 0.761 ug/l
RT: 7.14 min Scan# 1668
Delta R.T. -0.04 min
Lab File: VN055438.D
Acq: 7 May 2019 15:29

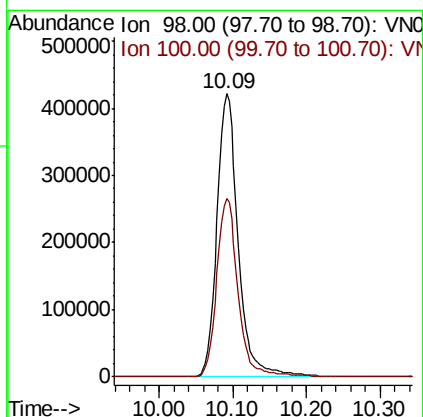
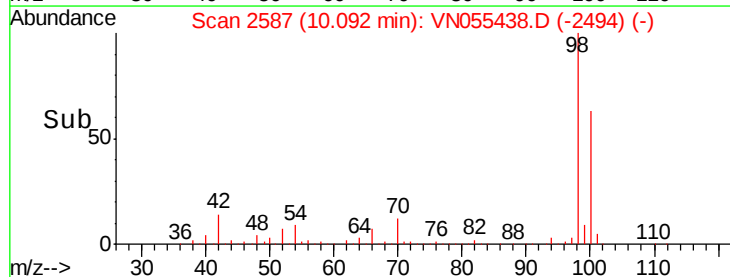
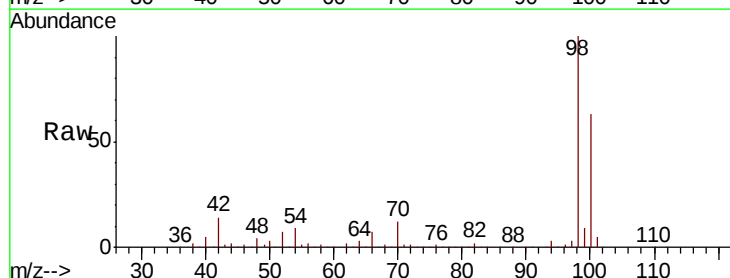
Instrument :
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ClientSampleId :
EP1-SB-W5-6(13-17)

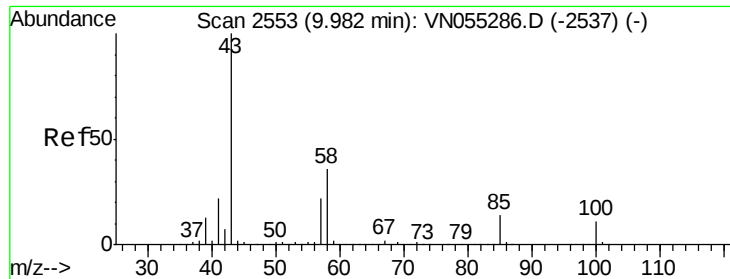
Tot Ion:	41	Resp:	61
Ion	Ratio	Lower	Upper
41	100		
39	0.0	48.5	72.7#
67	0.0	54.9	82.3#
52	0.0	24.9	37.3#



#50
Toluene-d8
Concen: 49.654 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055438.D
Acq: 7 May 2019 15:29

Tgt Ion:	98	Resp:	842589
Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 0.296 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055438.D

Acq: 7 May 2019 15:29

Instrument :

MSVOA_N

ClientSampleId :

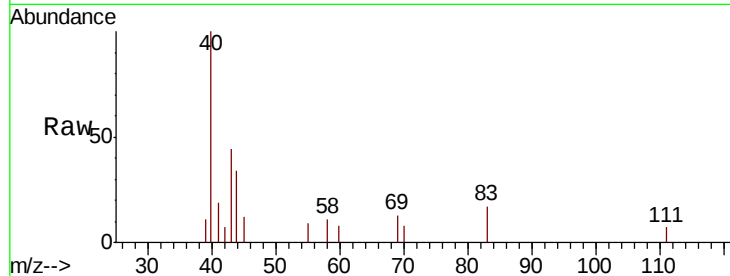
EP1-SB-W5-6(13-17)

Tot Ion: 43 Resp: 1410

Ion Ratio Lower Upper

43 100

58 0.0 28.5 42.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.99

1200

1000

800

600

400

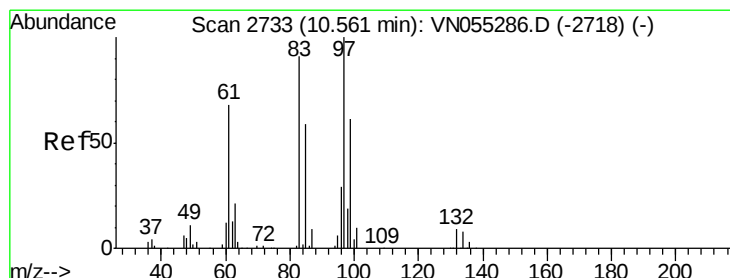
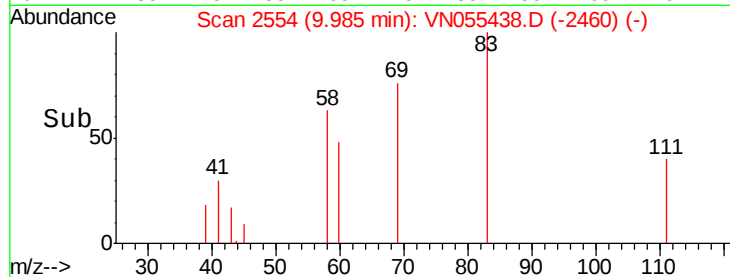
200

0

Time-->

9.95

10.00



#55

1,1,2-Trichloroethane

Concen: 1.929 ug/l

RT: 10.53 min Scan# 2723

Delta R.T. -0.03 min

Lab File: VN055438.D

Acq: 7 May 2019 15:29

Tgt Ion: 97 Resp: 8307

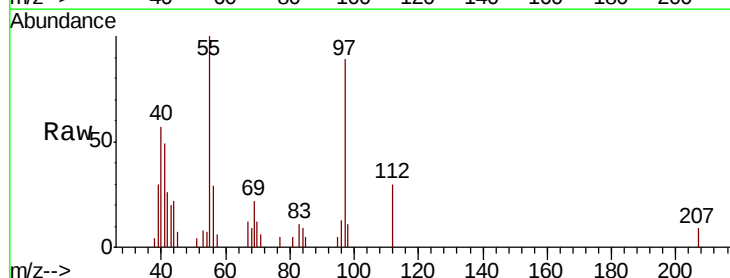
Ion Ratio Lower Upper

97 100

83 12.5 72.8 109.2#

85 5.9 47.0 70.6#

99 0.0 49.0 73.4#



Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

8000

6000

4000

2000

0

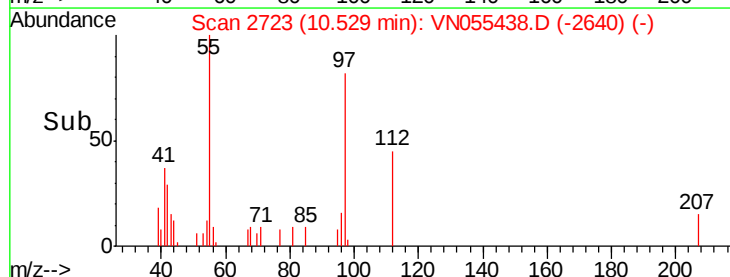
Time-->

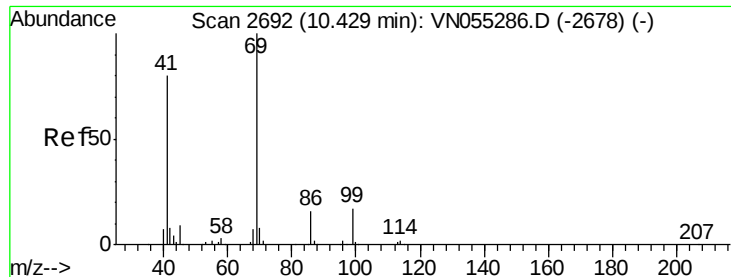
10.45

10.50

10.55

10.60





#56

Ethyl methacrylate

Concen: 0.725 ug/l

RT: 10.43 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN055438.D

Acq: 7 May 2019 15:29

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-W5-6(13-17)

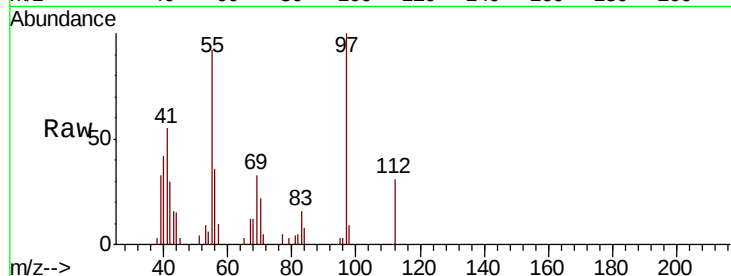
Tot Ion: 69 Resp: 3846

Ion Ratio Lower Upper

69 100

41 215.8 62.7 94.1#

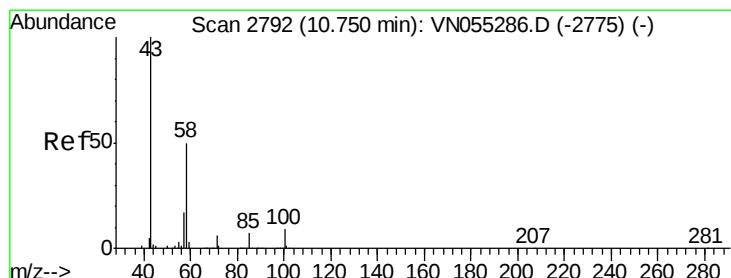
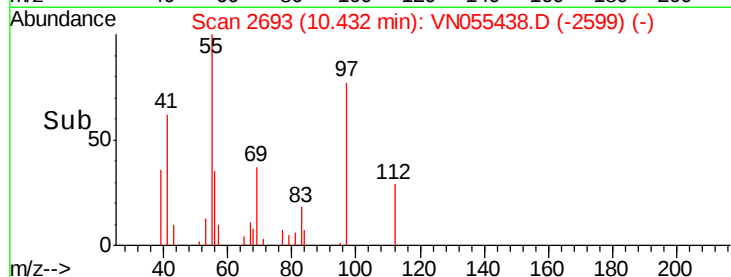
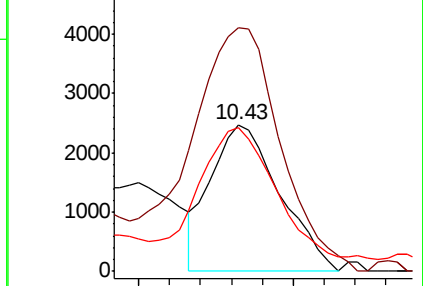
39 97.9 32.0 48.0#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#59

2-Hexanone

Concen: 24.160 ug/l

RT: 10.72 min Scan# 2782

Delta R.T. -0.03 min

Lab File: VN055438.D

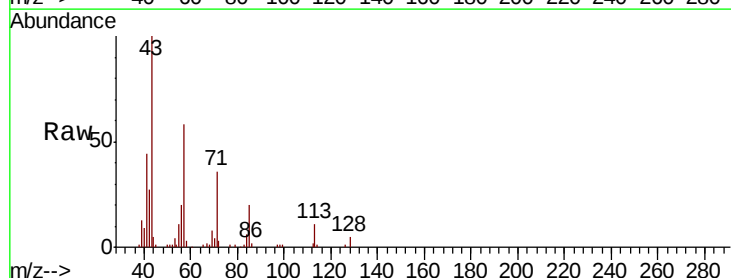
Acq: 7 May 2019 15:29

Tgt Ion: 43 Resp: 71890

Ion Ratio Lower Upper

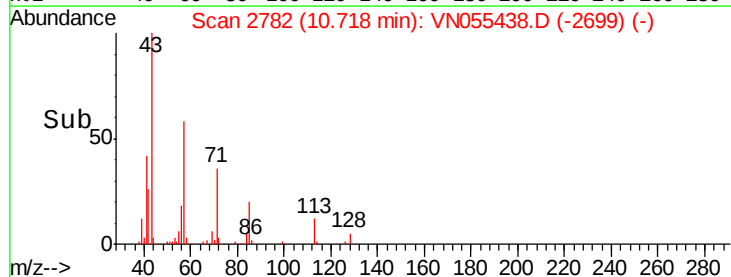
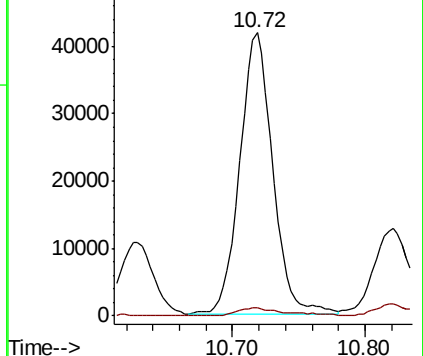
43 100

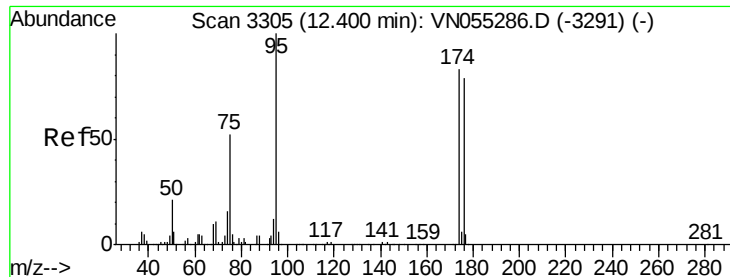
58 4.0 24.9 74.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 51.248 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055438.D

Acq: 7 May 2019 15:29

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-W5-6(13-17)

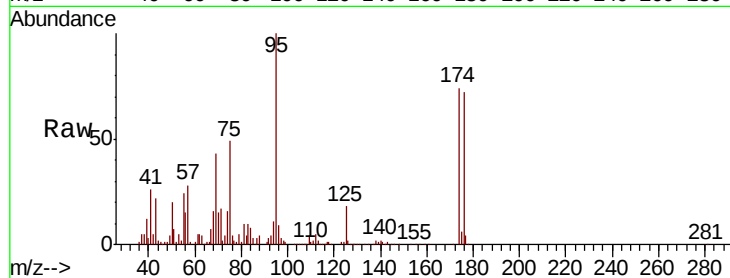
Tot Ion: 95 Resp: 271789

Ion Ratio Lower Upper

95 100

174 75.5 0.0 166.6

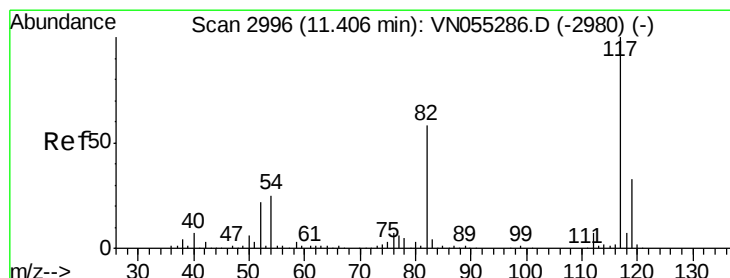
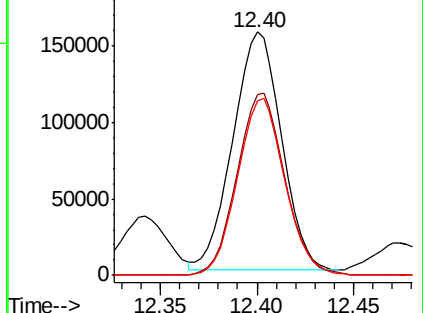
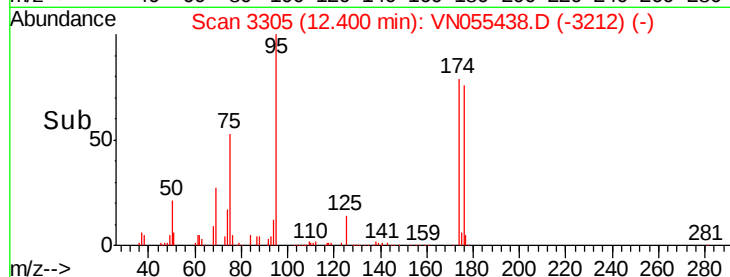
176 72.6 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN055438.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN055438.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN055438.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055438.D

Acq: 7 May 2019 15:29

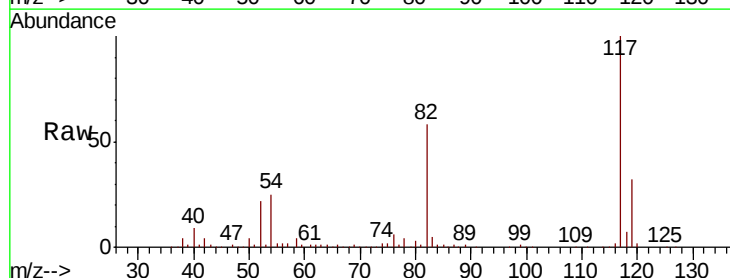
Tgt Ion: 117 Resp: 580400

Ion Ratio Lower Upper

117 100

82 56.8 46.2 69.4

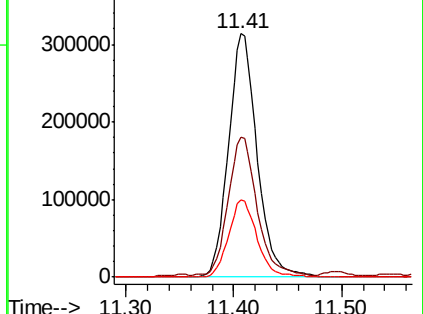
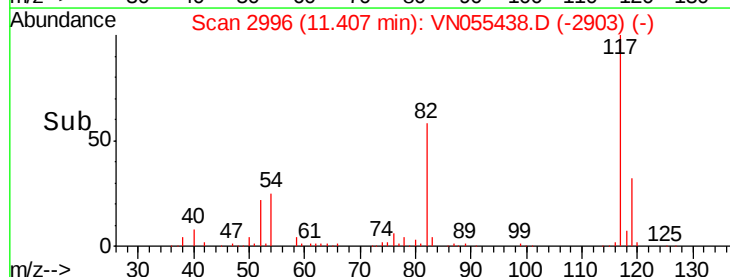
119 31.9 26.6 40.0

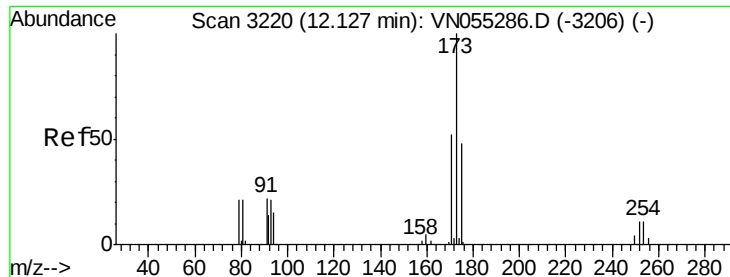


Abundance Ion 116.90 (116.60 to 117.60): VN055438.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055438.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055438.D (-2903) (-)

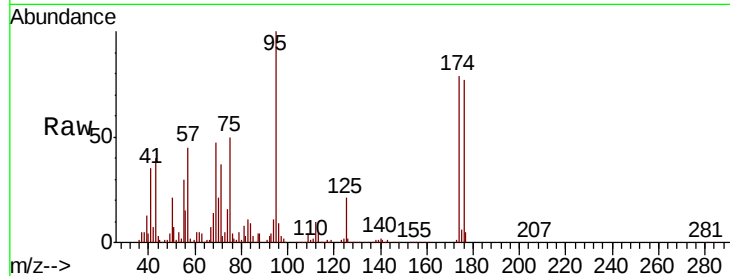




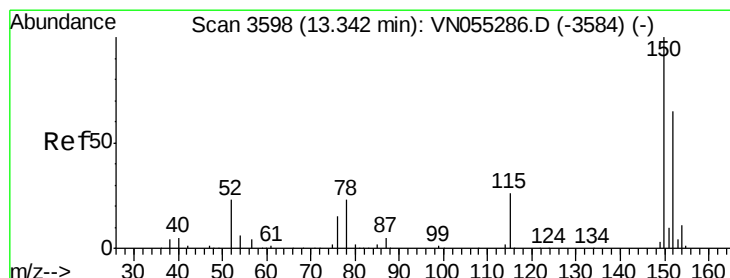
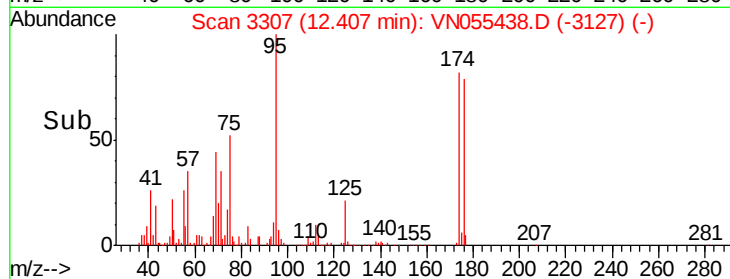
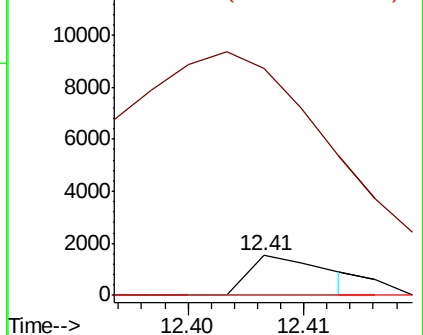
#71
Bromoform
Concen: 0.288 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.28 min
Lab File: VN055438.D
Acq: 7 May 2019 15:29

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-W5-6(13-17)

Tot Ion:173 Resp: 709
Ion Ratio Lower Upper
173 100
175 1877.0 23.6 71.0#
254 0.0 0.0 0.0

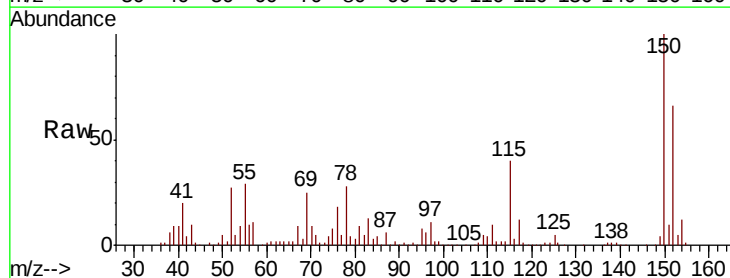


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

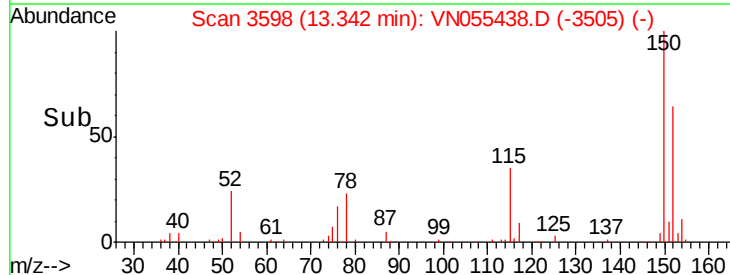
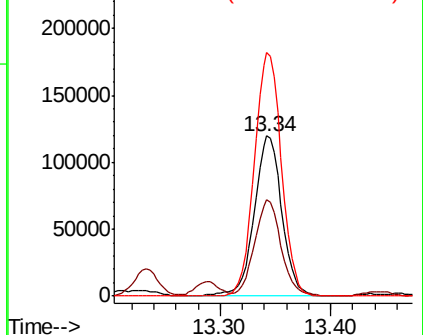


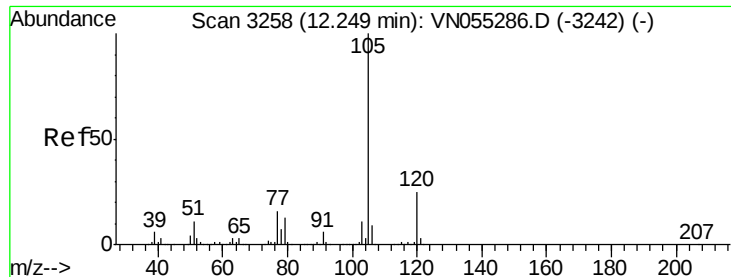
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055438.D
Acq: 7 May 2019 15:29

Tgt Ion:152 Resp: 205780
Ion Ratio Lower Upper
152 100
115 58.1 29.0 87.0
150 149.5 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: VN055438.D

Acq: 7 May 2019 15:29

Instrument :

MSVOA_N

ClientSampleId :

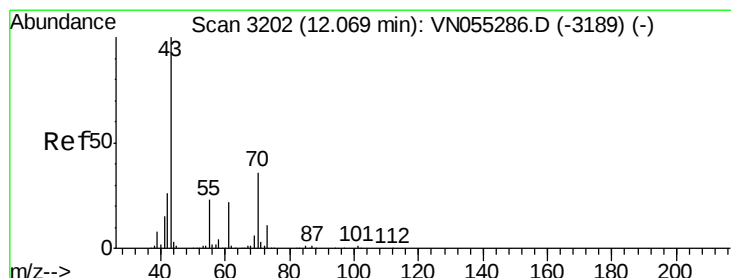
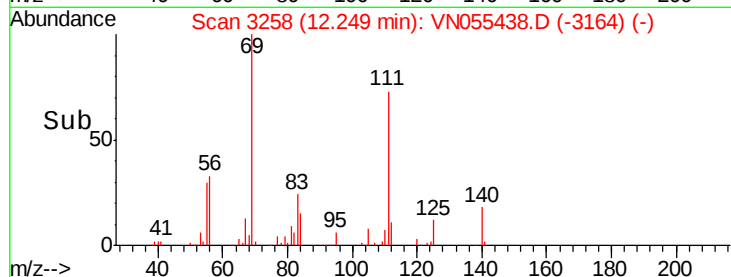
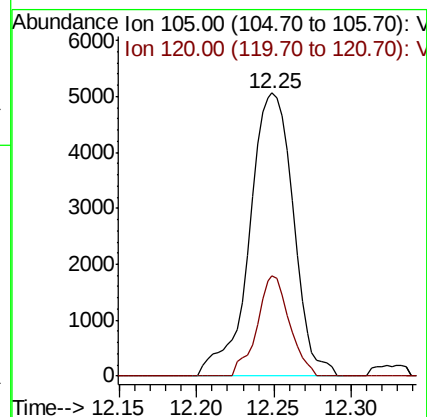
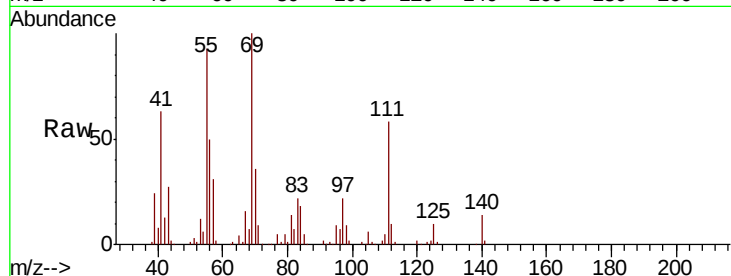
EP1-SB-W5-6(13-17)

Tot Ion:105 Resp: 10014

Ion Ratio Lower Upper

105 100

120 26.3 12.9 38.7



#74

N-ethyl acetate

Concen: 109.070 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN055438.D

Acq: 7 May 2019 15:29

Tgt Ion: 43 Resp: 576010

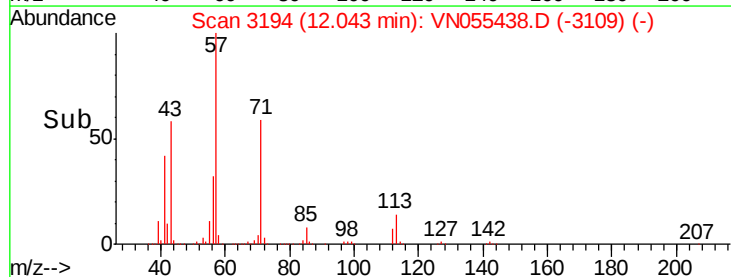
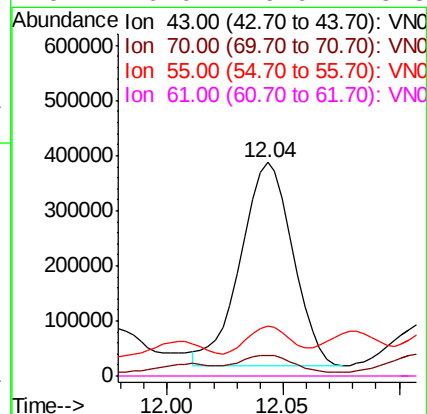
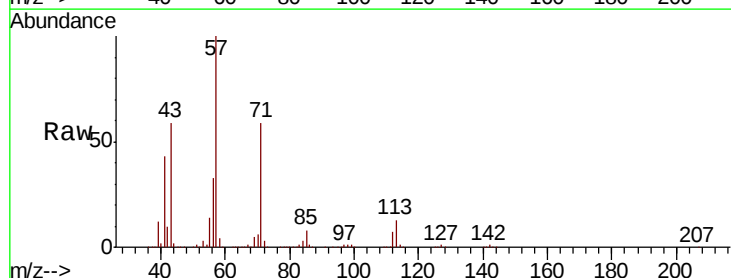
Ion Ratio Lower Upper

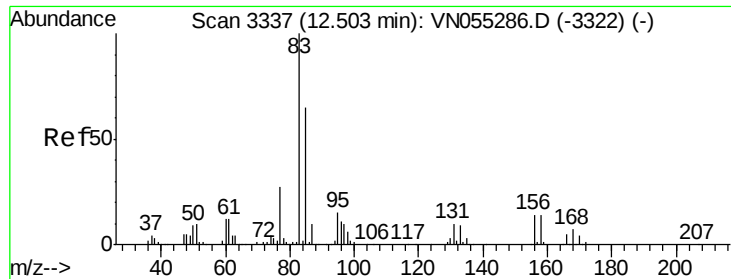
43 100

70 8.6 27.9 41.9#

55 11.0 18.2 27.2#

61 0.0 16.9 25.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 5.266 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.02 min

Lab File: VN055438.D

Acq: 7 May 2019 15:29

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-W5-6(13-17)

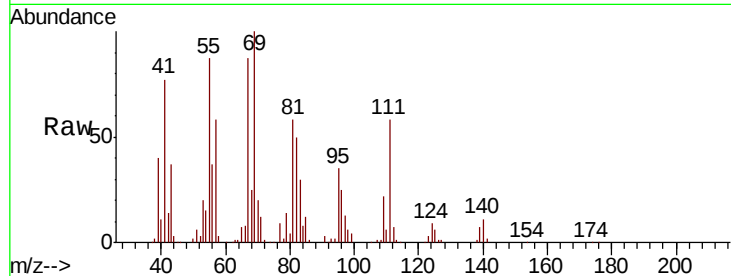
Tot Ion: 83 Resp: 33072

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.2#

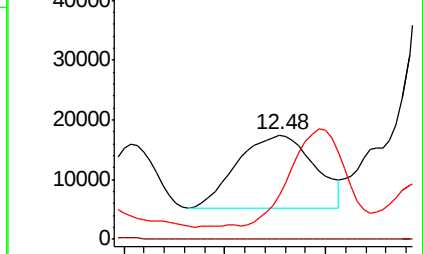
85 90.6 32.3 96.8



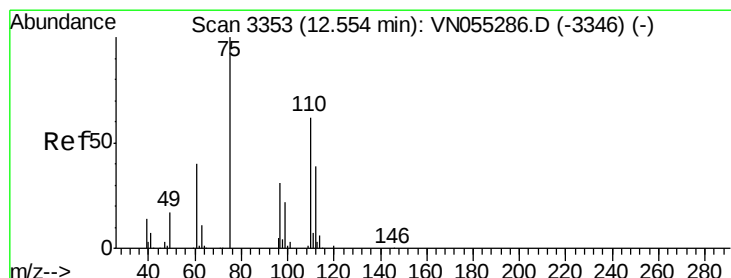
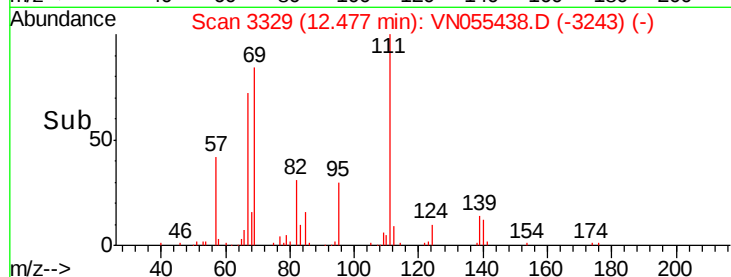
Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



Time-->



#76

1,2,3-Trichloropropane

Concen: 33.916 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055438.D

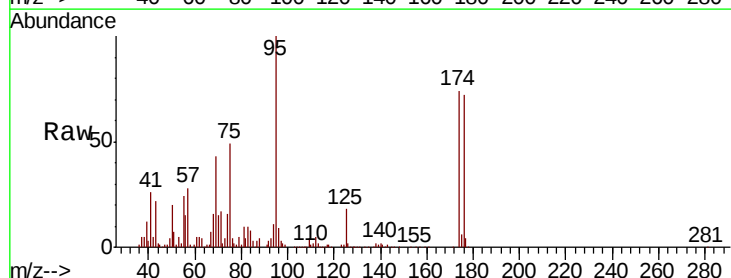
Acq: 7 May 2019 15:29

Tgt Ion: 75 Resp: 132826

Ion Ratio Lower Upper

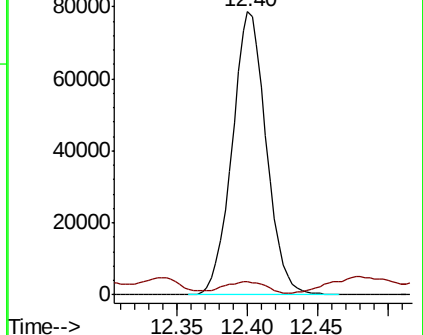
75 100

77 4.9 0.0 0.0#

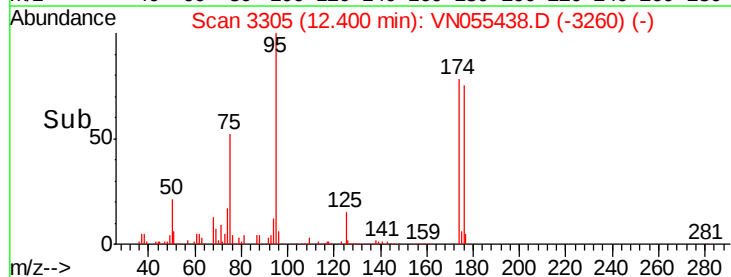


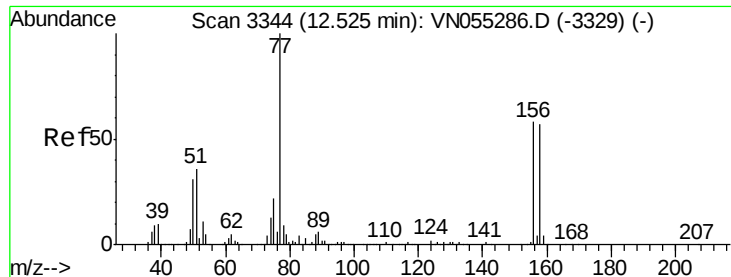
Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



Time-->





#77

Bromobenzene

Concen: Below Cal

RT: 12.52 min Scan# 3342

Delta R.T. -0.01 min

Lab File: VN055438.D

Acq: 7 May 2019 15:29

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-W5-6(13-17)

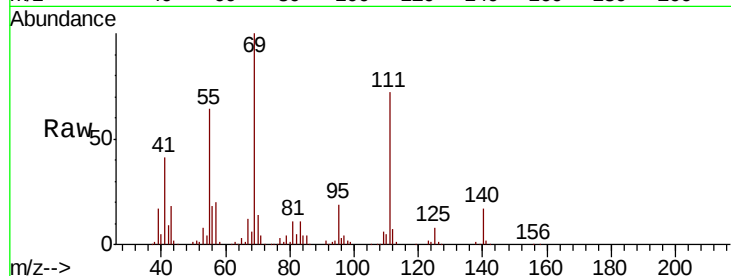
Tot Ion:156 Resp: 378

Ion Ratio Lower Upper

156 100

77 0.0 99.6 298.8#

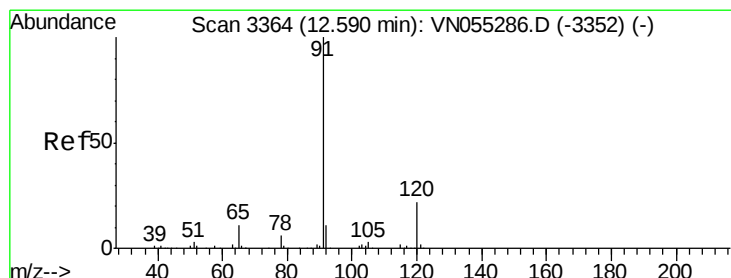
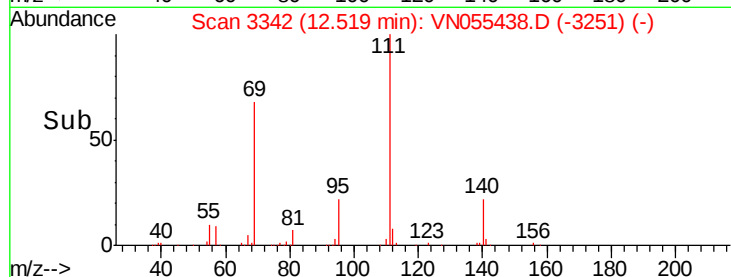
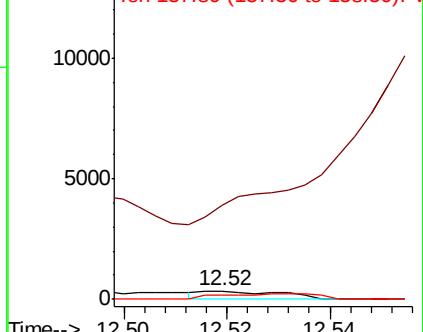
158 82.5 49.3 147.8



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



#78

n-propylbenzene

Concen: 1.031 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055438.D

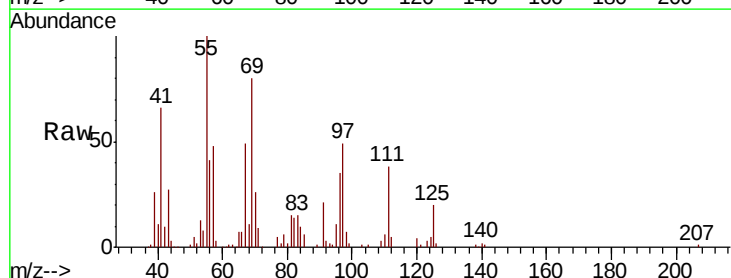
Acq: 7 May 2019 15:29

Tgt Ion: 91 Resp: 21793

Ion Ratio Lower Upper

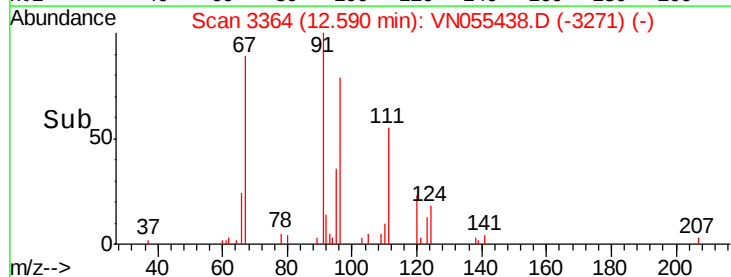
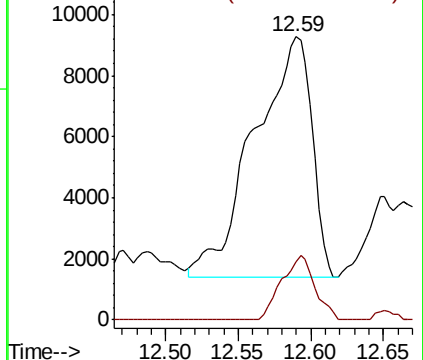
91 100

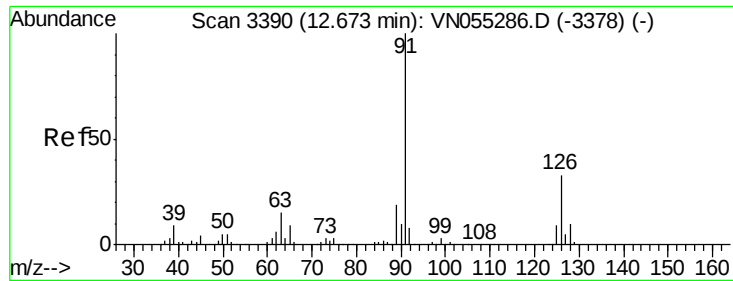
120 15.3 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

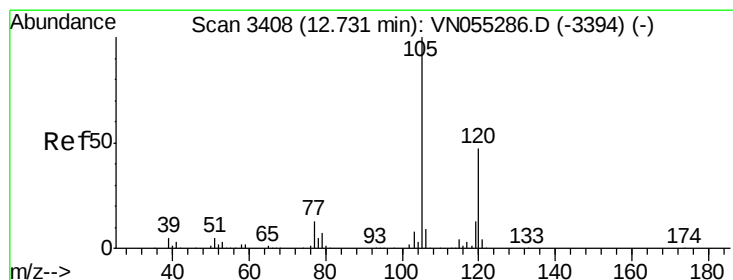
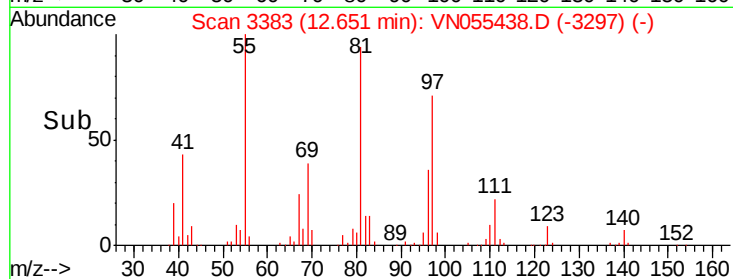
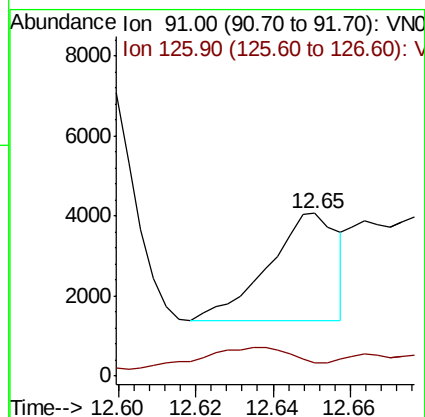
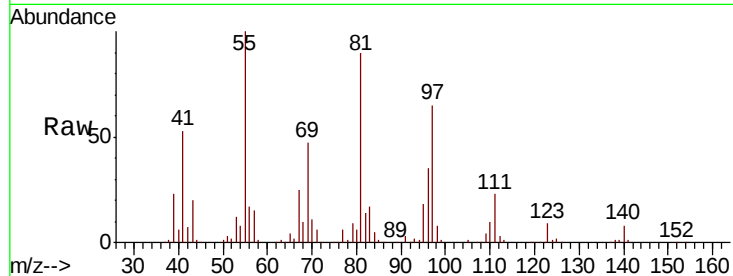




#79
 2-Chlorotoluene
 Concen: Below Cal
 RT: 12.65 min Scan# 3383
 Delta R.T. -0.02 min
 Lab File: VN055438.D
 Acq: 7 May 2019 15:29

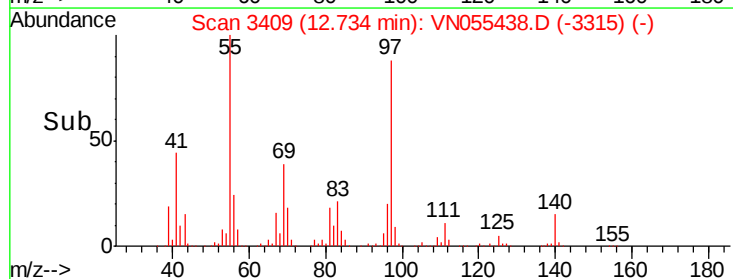
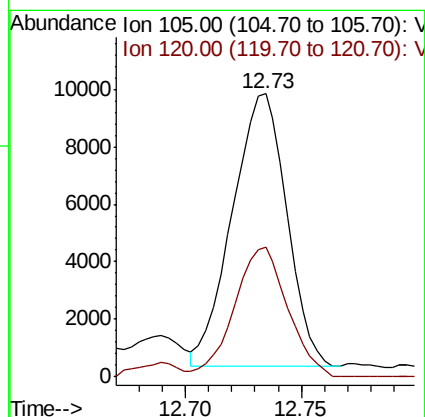
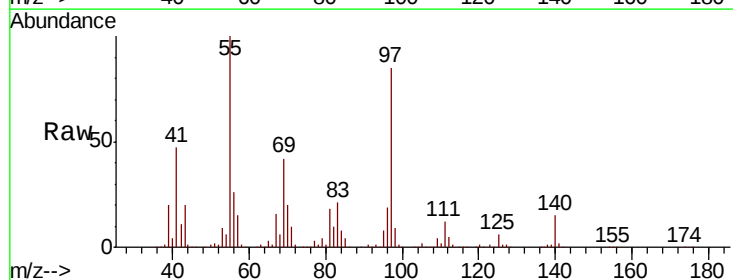
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-W5-6(13-17)

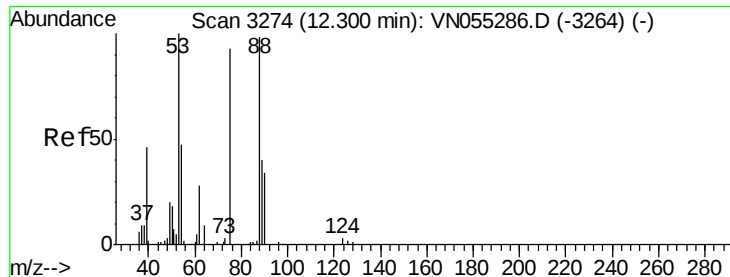
Tot Ion: 91 Resp: 3370
 Ion Ratio Lower Upper
 91 100
 126 26.2 16.6 49.7



#80
 1,3,5-Trimethylbenzene
 Concen: 0.955 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN055438.D
 Acq: 7 May 2019 15:29

Tgt Ion: 105 Resp: 15409
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 122.322 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055438.D

Acq: 7 May 2019 15:29

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-W5-6(13-17)

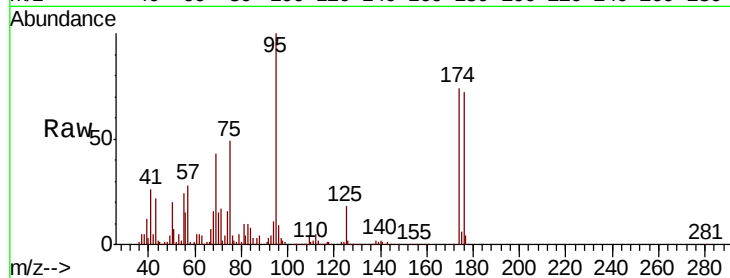
Tot Ion: 75 Resp: 132826

Ion Ratio Lower Upper

75 100

53 8.0 86.3 129.5#

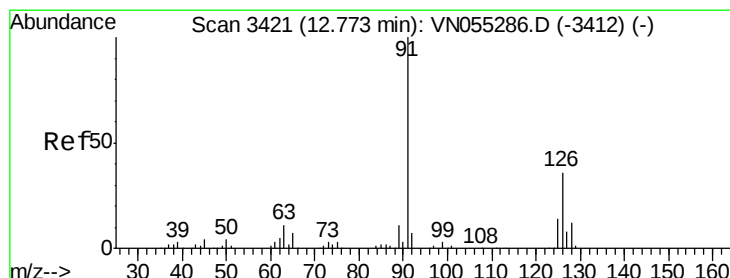
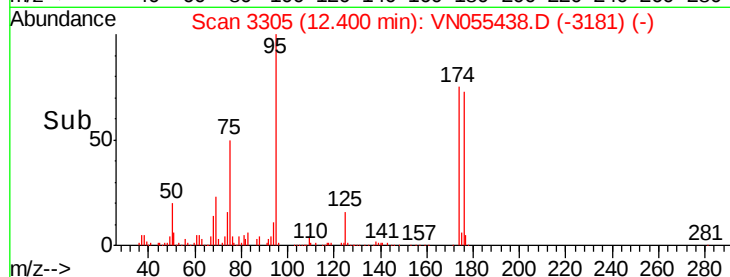
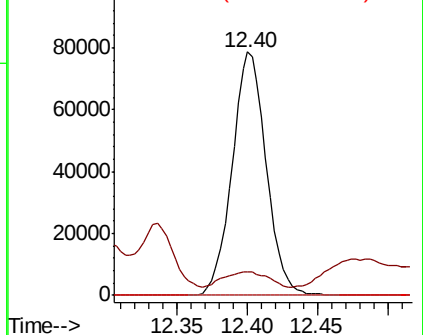
89 0.0 34.6 51.8#



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



#82

4-Chlorotoluene

Concen: 0.274 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. -0.12 min

Lab File: VN055438.D

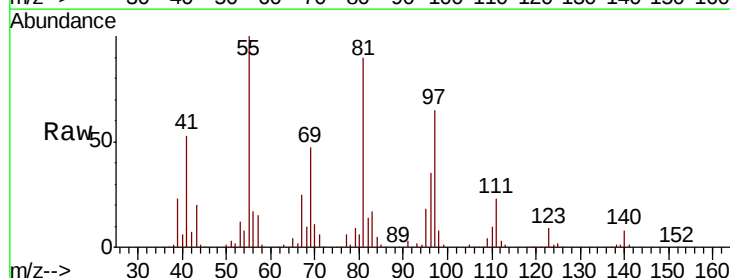
Acq: 7 May 2019 15:29

Tgt Ion: 91 Resp: 3370

Ion Ratio Lower Upper

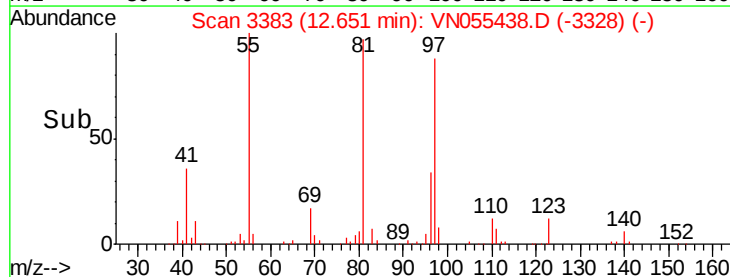
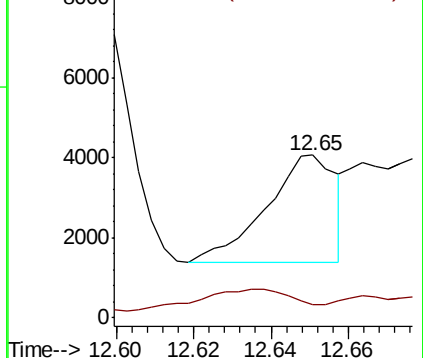
91 100

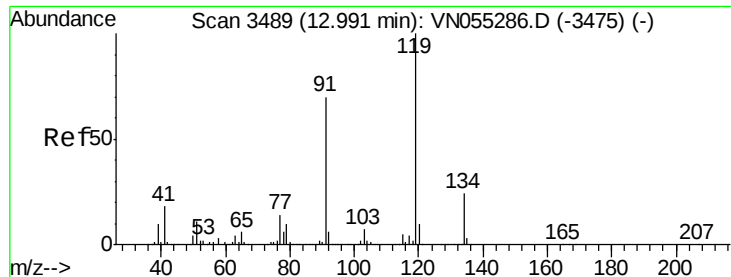
126 26.2 16.6 49.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 0.801 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN055438.D

Acq: 7 May 2019 15:29

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-W5-6(13-17)

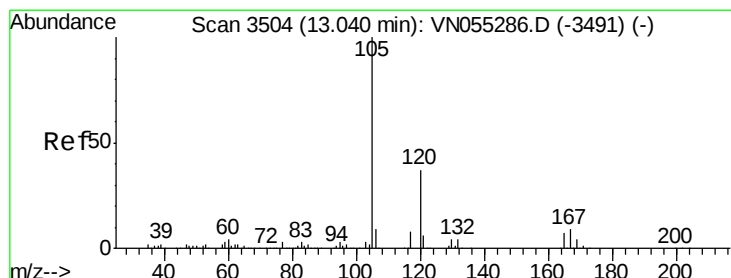
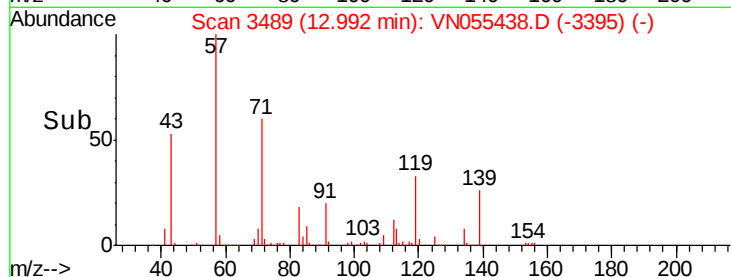
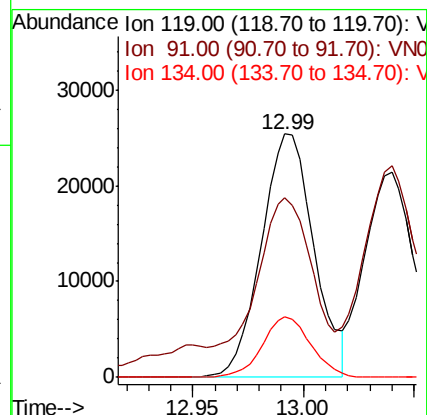
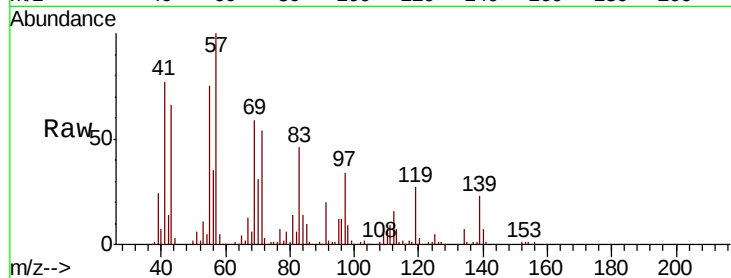
Tot Ion:119 Resp: 41850

Ion Ratio Lower Upper

119 100

91 67.2 34.3 102.9

134 22.9 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 20.654 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN055438.D

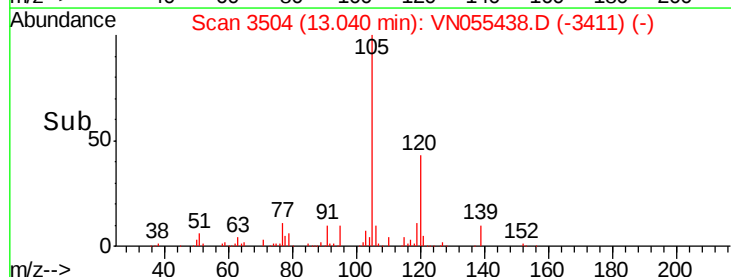
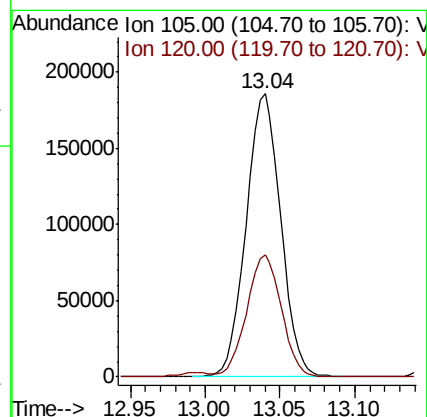
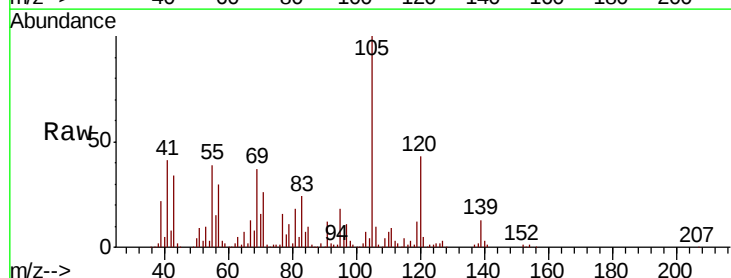
Acq: 7 May 2019 15:29

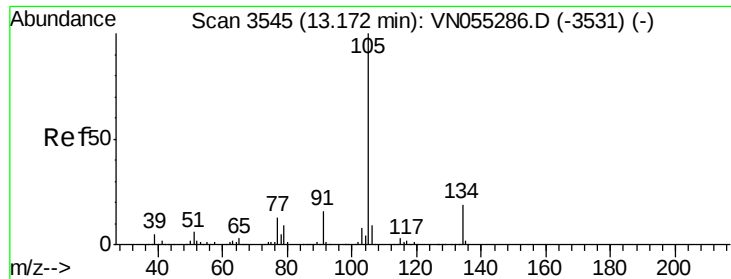
Tgt Ion:105 Resp: 297995

Ion Ratio Lower Upper

105 100

120 43.5 22.1 66.5





#85

sec-Butylbenzene

Concen: 17.453 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055438.D

Acq: 7 May 2019 15:29

Instrument :

MSVOA_N

ClientSampleId :

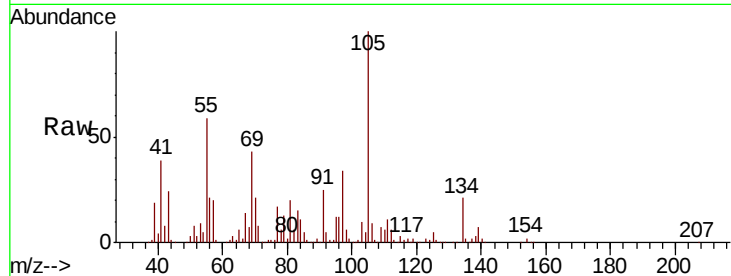
EP1-SB-W5-6(13-17)

Tot Ion:105 Resp: 306022

Ion Ratio Lower Upper

105 100

134 30.5 9.6 28.8#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

200000

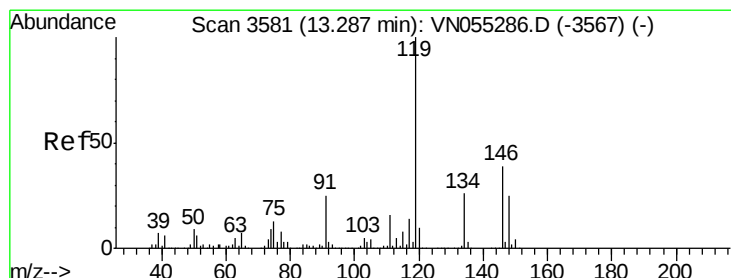
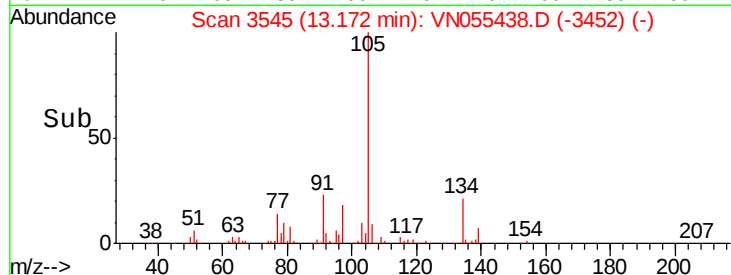
150000

100000

50000

0

Time--> 13.10 13.15 13.20



#86

p-Isopropyltoluene

Concen: 15.452 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055438.D

Acq: 7 May 2019 15:29

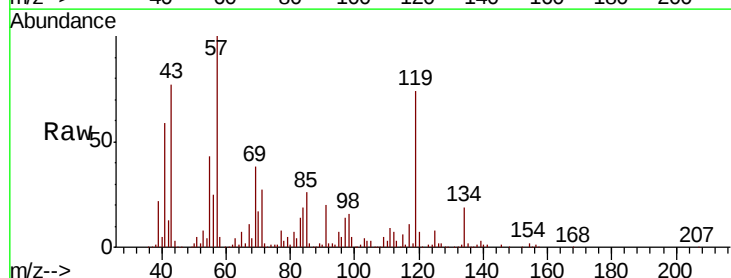
Tgt Ion:119 Resp: 222690

Ion Ratio Lower Upper

119 100

134 26.6 13.0 38.9

91 25.7 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

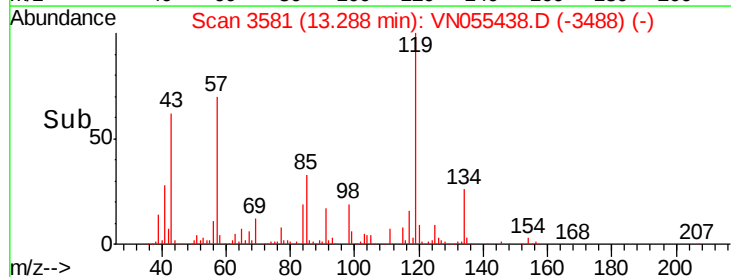
300000

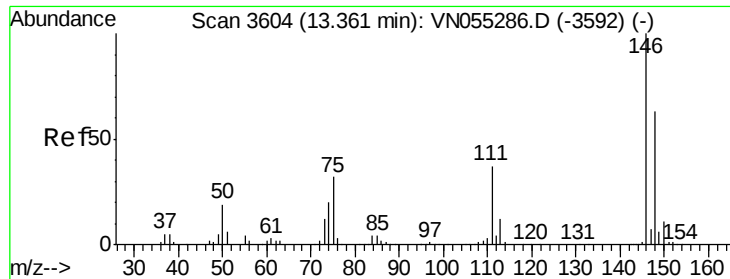
200000

100000

0

Time--> 13.25 13.30 13.35

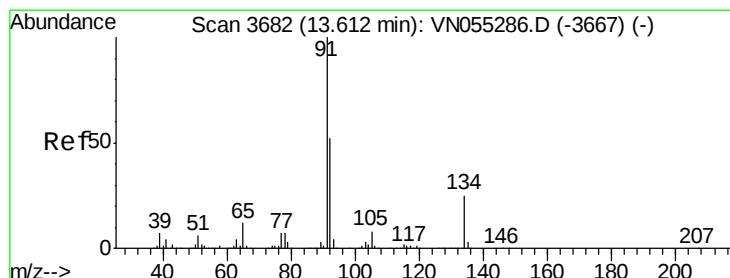
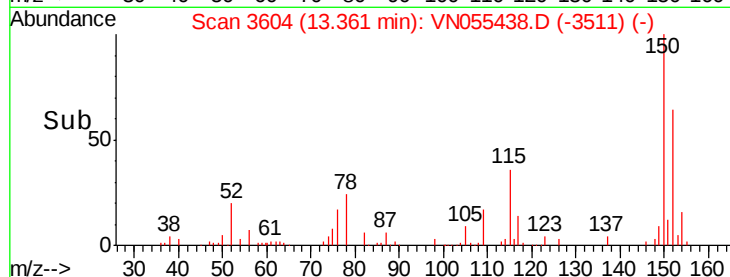
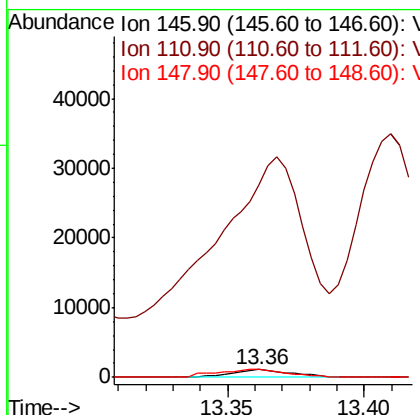
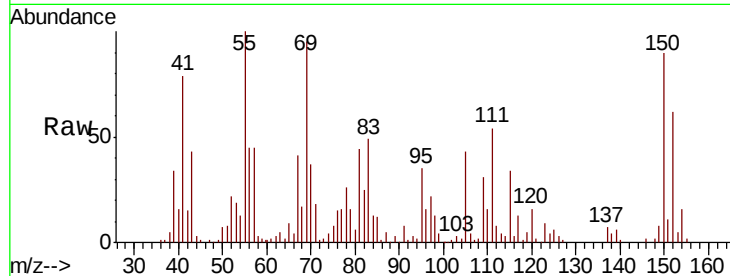




#88
 1,4-Dichlorobenzene
 Concen: 0.256 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055438.D
 Acq: 7 May 2019 15:29

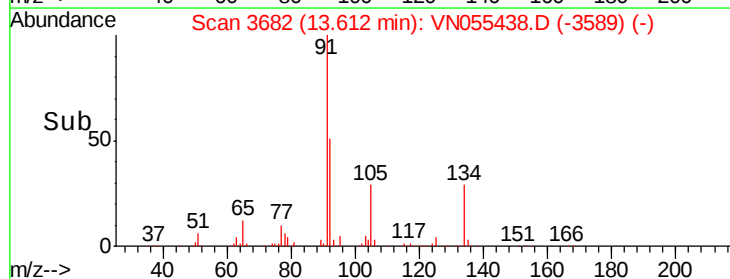
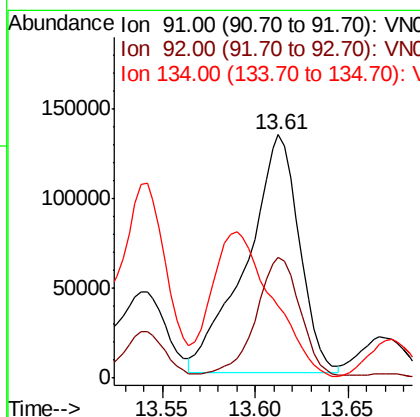
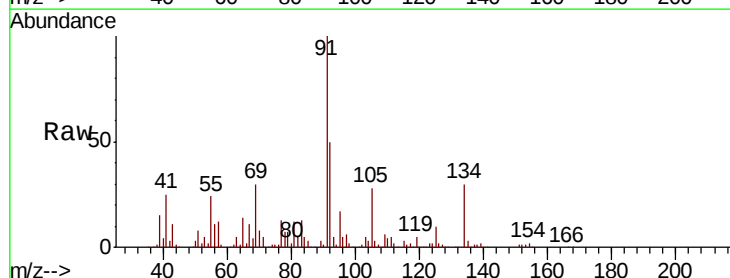
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-W5-6(13-17)

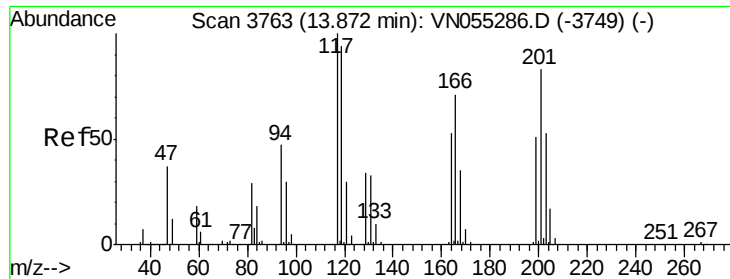
Tot Ion:146 Resp: 1661
 Ion Ratio Lower Upper
 146 100
 111 2849.8 19.5 58.5#
 148 123.1 32.5 97.4#



#89
 n-Butylbenzene
 Concen: 25.598 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. 0.00 min
 Lab File: VN055438.D
 Acq: 7 May 2019 15:29

Tgt Ion: 91 Resp: 262143
 Ion Ratio Lower Upper
 91 100
 92 41.3 26.1 78.3
 134 0.0 12.4 37.4#





#90

Hexachloroethane

Concen: 19.177 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN055438.D

Acq: 7 May 2019 15:29

Instrument :

MSVOA_N

ClientSampleId :

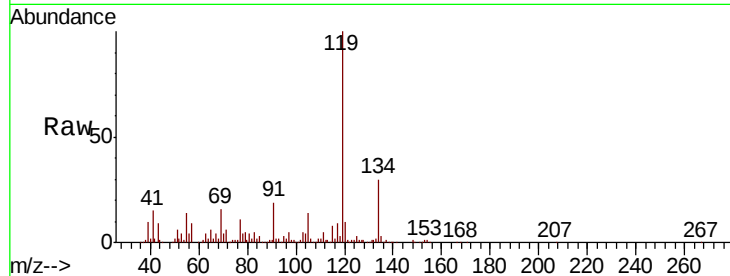
EP1-SB-W5-6(13-17)

Tot Ion:117 Resp: 45977

Ion Ratio Lower Upper

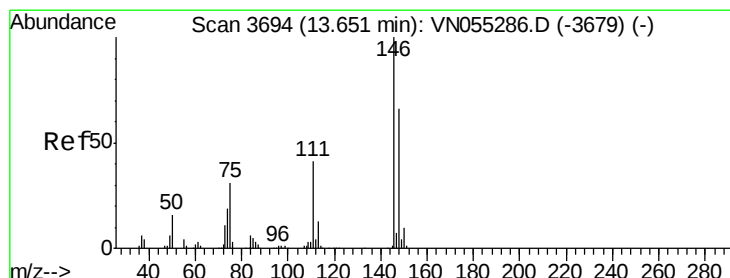
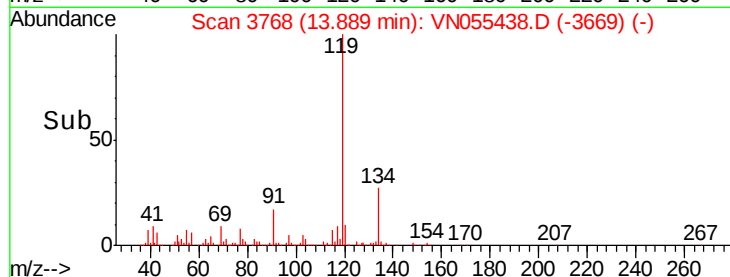
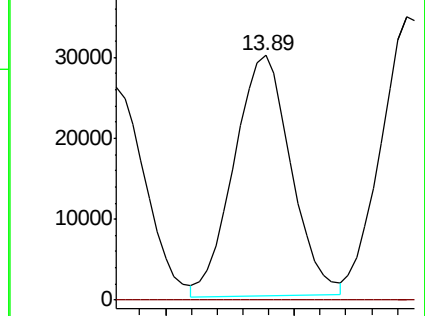
117 100

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



#91

1,2-Dichlorobenzene

Concen: 0.227 ug/l

RT: 13.64 min Scan# 3692

Delta R.T. -0.01 min

Lab File: VN055438.D

Acq: 7 May 2019 15:29

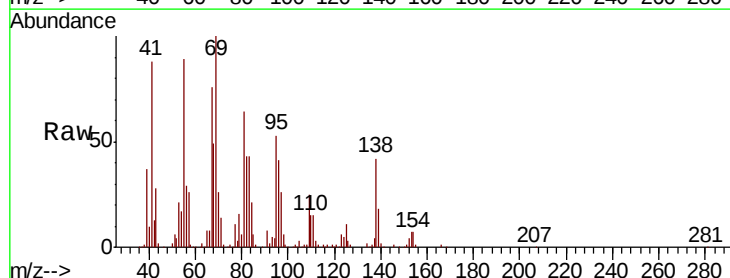
Tgt Ion:146 Resp: 1552

Ion Ratio Lower Upper

146 100

111 0.0 20.3 61.0#

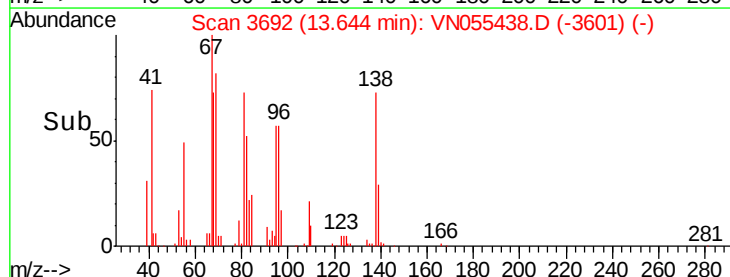
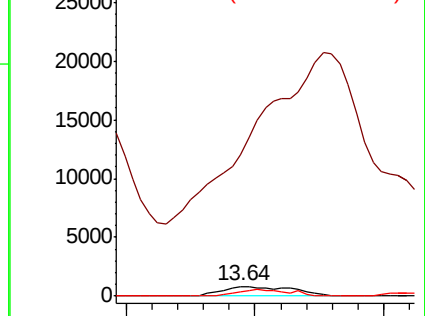
148 50.6 32.4 97.2

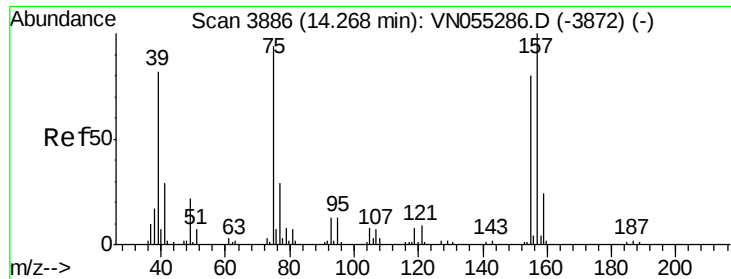


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 3.981 ug/l

RT: 14.25 min Scan# 3881

Delta R.T. -0.02 min

Lab File: VN055438.D

Acq: 7 May 2019 15:29

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-W5-6(13-17)

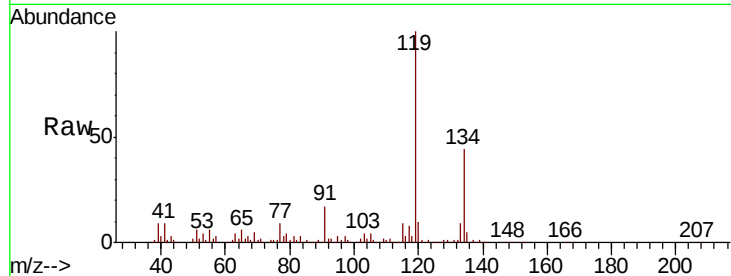
Tot Ion: 75 Resp: 2155

Ion Ratio Lower Upper

75 100

155 0.0 41.5 124.6#

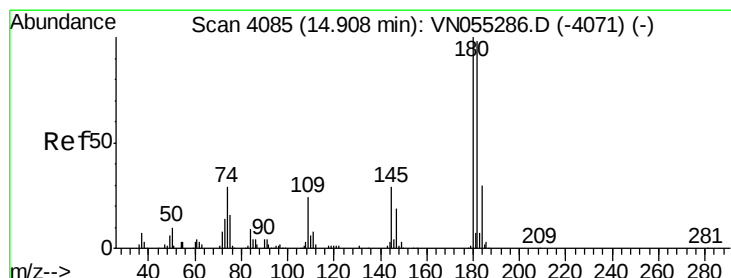
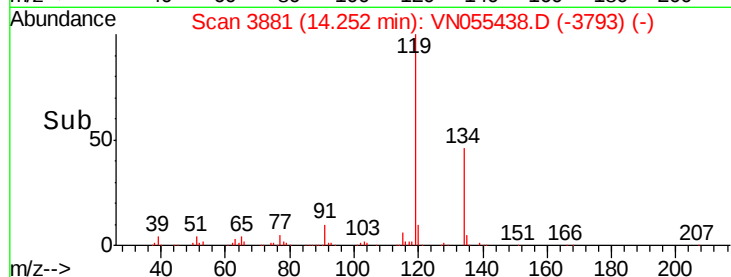
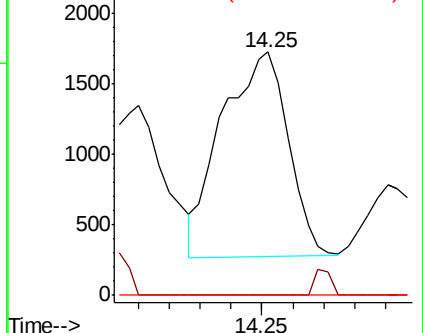
157 0.0 54.0 162.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 4.225 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN055438.D

Acq: 7 May 2019 15:29

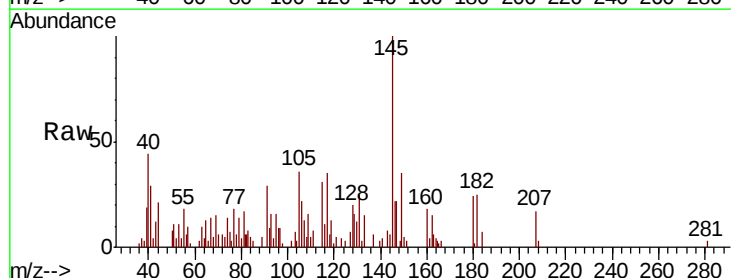
Tgt Ion: 180 Resp: 2636

Ion Ratio Lower Upper

180 100

182 97.4 48.3 144.9

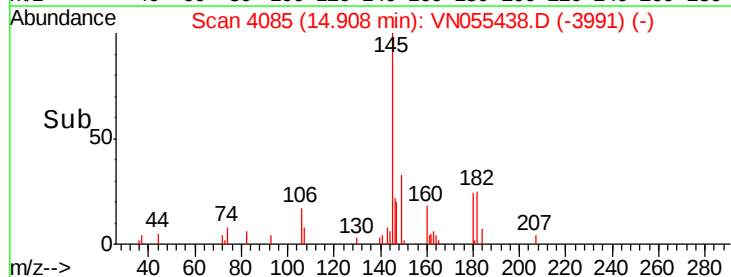
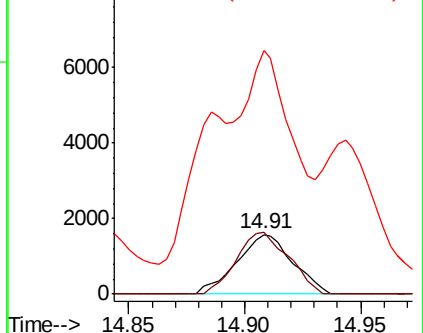
145 348.4 14.2 42.6#

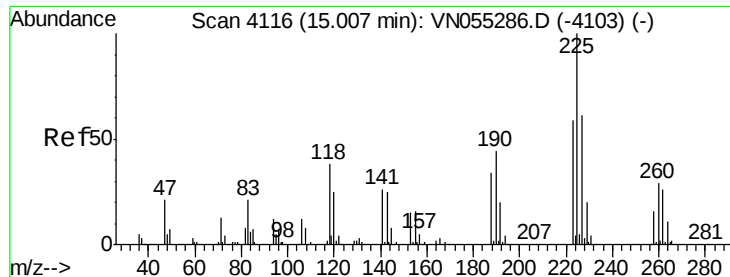


Abundance Ion 179.80 (179.50 to 180.50): V

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# 4116

Delta R.T. 0.00 min

Lab File: VN055438.D

Acq: 7 May 2019 15:29

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-W5-6(13-17)

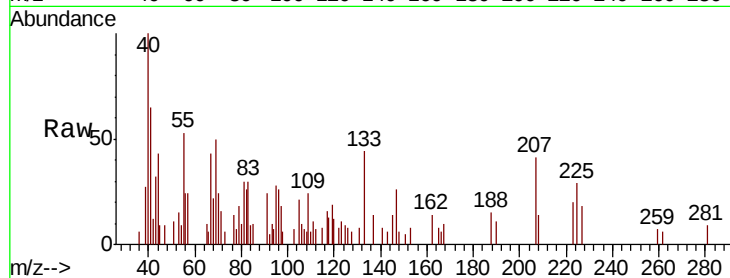
Tot Ion:225 Resp: 1036

Ion Ratio Lower Upper

225 100

223 86.1 30.3 90.8

227 60.6 30.9 92.7

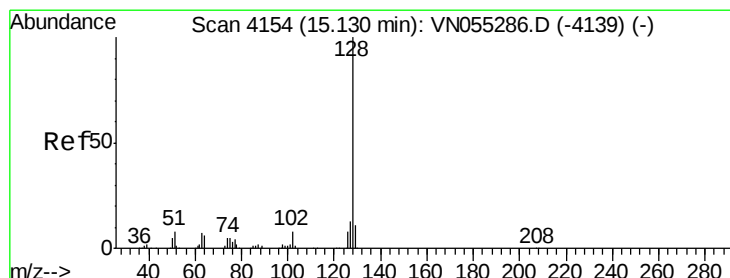
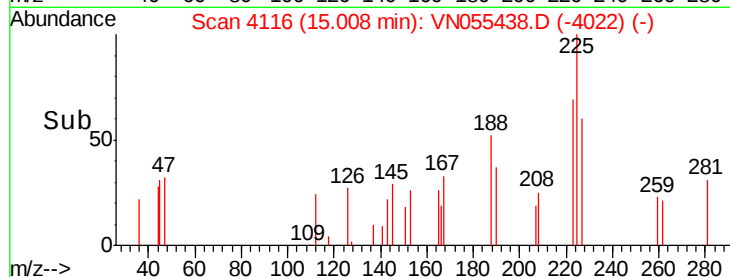
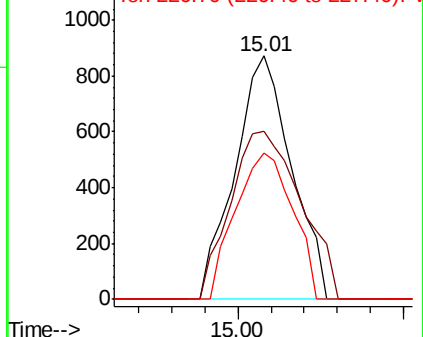


Abundance

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: 4.546 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055438.D

Acq: 7 May 2019 15:29

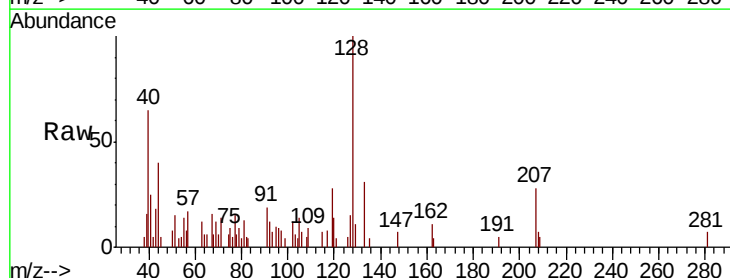
Tgt Ion:128 Resp: 7460

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

129 10.0 8.6 13.0

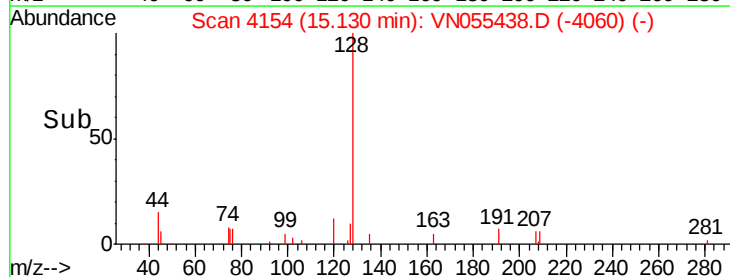
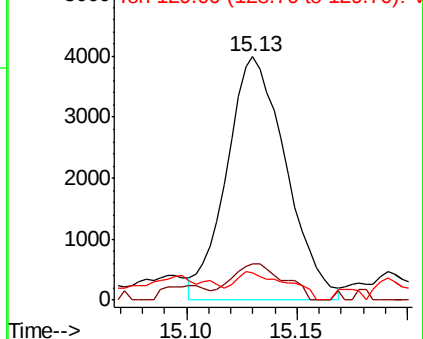


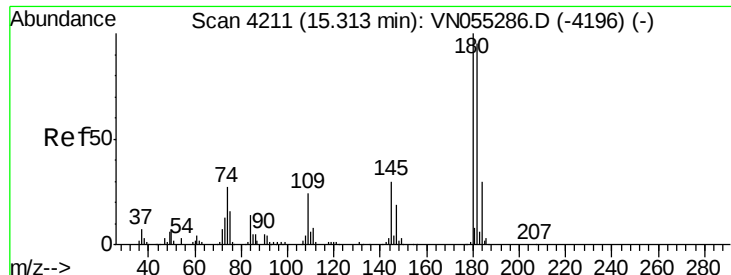
Abundance

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: 3.784 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. 0.00 min
 Lab File: VN055438.D
 Acq: 7 May 2019 15:29

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-W5-6(13-17)

Tot Ion	Ratio	Lower	Upper
180	100		
182	88.7	48.3	144.9
145	97.3	15.2	45.6

