

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050719\
 Data File : VN055435.D
 Acq On : 7 May 2019 14:14
 Operator : JC/SP
 Sample : K2658-21 40X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-PZ-W1-2

Quant Time: May 08 05:48:28 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	460292	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	724771	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	590664	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	193469	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	297224	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
35) Dibromofluoromethane	7.59	113	231146	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
50) Toluene-d8	10.09	98	858207	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
62) 4-Bromofluorobenzene	12.40	95	257710	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	

Target Compounds

					Qvalue	
3) Chloromethane	2.06	50	4360	0.624	ug/l	97
17) Carbon Disulfide	4.06	76	3574	0.301	ug/l #	74
18) Methyl Acetate	4.34	43	1905	Below Cal	#	77
31) Cyclohexane	7.67	56	10781	1.138	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	36143	5.206	ug/l #	50
38) Carbon Tetrachloride	7.67	117	44241	6.606	ug/l #	16
39) Methylcyclohexane	9.09	83	2126	0.288	ug/l #	79
41) Methacrylonitrile	7.20	41	94	0.772	ug/l #	1
43) Isopropyl Acetate	8.24	43	6289	0.736	ug/l #	56
51) 4-Methyl-2-Pentanone	9.99	43	2337	0.485	ug/l #	67
55) 1,1,2-Trichloroethane	10.52	97	1252	0.287	ug/l #	13
59) 2-Hexanone	10.76	43	1033	0.343	ug/l	85
67) Ethyl Benzene	11.51	91	47012	2.254	ug/l	96
68) m/p-Xylenes	11.62	106	101555	13.643	ug/l	95
69) o-Xylene	11.94	106	13429	1.820	ug/l	94
71) Bromoform	12.40	173	2087	0.832	ug/l #	1
73) Isopropylbenzene	12.25	105	77140	1.974	ug/l	98
74) N-amyl acetate	12.04	43	10089	2.032	ug/l #	63
75) 1,1,2,2-Tetrachloroethane	12.51	83	225	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	137651	37.656	ug/l #	100
77) Bromobenzene	12.53	156	540	Below Cal	#	9
78) n-propylbenzene	12.59	91	158604	7.981	ug/l	99
79) 2-Chlorotoluene	12.65	91	23221	Below Cal	#	42
80) 1,3,5-Trimethylbenzene	12.73	105	172830	11.395	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	137651	134.832	ug/l #	7
82) 4-Chlorotoluene	12.73	91	16418	1.421	ug/l #	42
83) tert-Butylbenzene	12.99	119	8343	Below Cal		93
84) 1,2,4-Trimethylbenzene	13.04	105	940774	69.354	ug/l	99
85) sec-Butylbenzene	13.17	105	45317	2.749	ug/l #	76
86) p-Isopropyltoluene	13.29	119	30480	2.250	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	1296	0.200	ug/l #	84
88) 1,4-Dichlorobenzene	13.37	146	1780	0.292	ug/l #	1
89) n-Butylbenzene	13.61	91	34870	3.622	ug/l #	70
90) Hexachloroethane	13.89	117	6902	1.695	ug/l #	7

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050719\
Data File : VN055435.D
Acq On : 7 May 2019 14:14
Operator : JC/SP
Sample : K2658-21 40X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EP1-PZ-W1-2

Quant Time: May 08 05:48:28 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

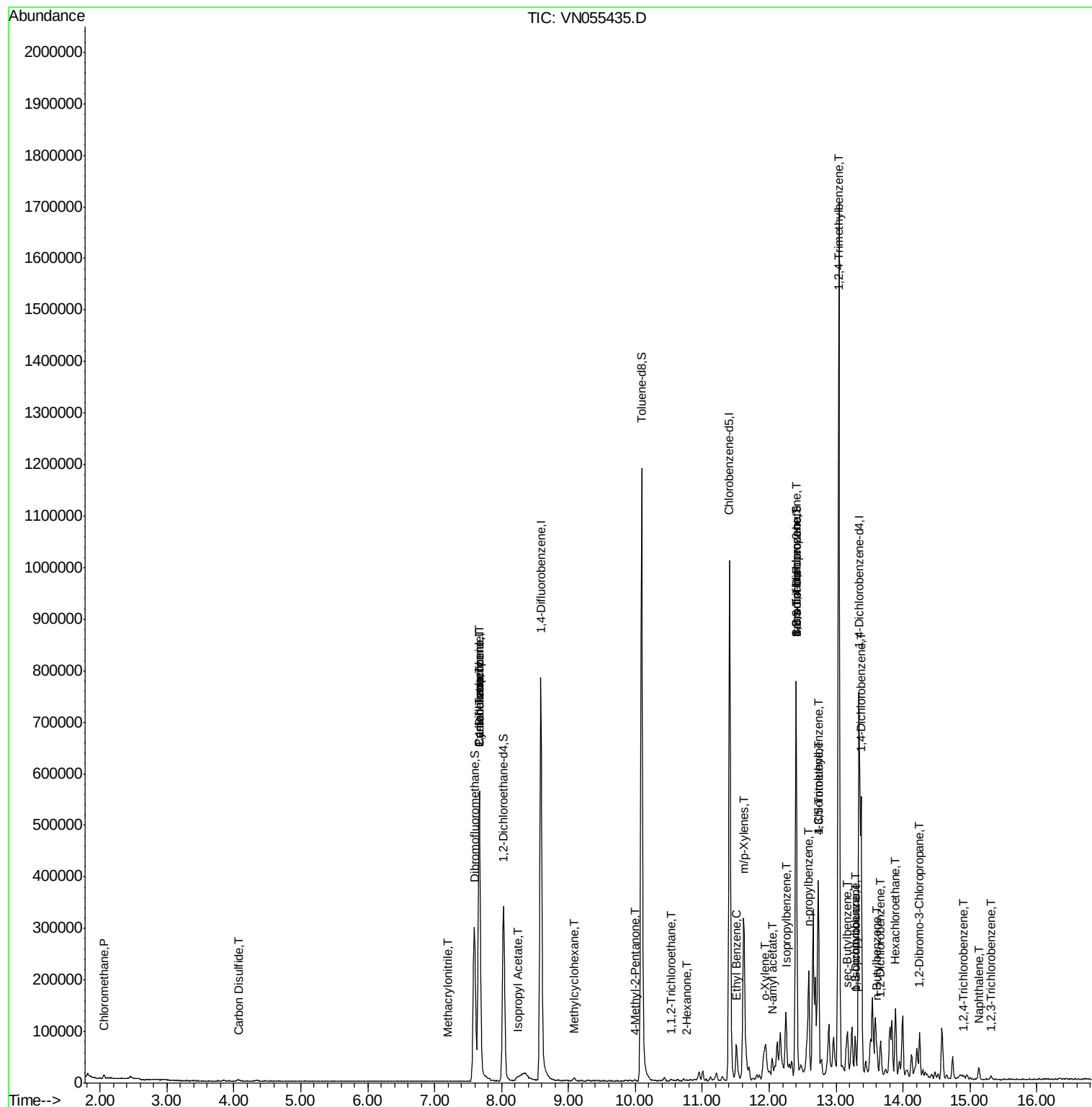
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	13.65	146	1348	0.210	ug/l	81
92) 1,2-Dibromo-3-Chloropropan	14.25	75	365	0.717	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	1788	3.971	ug/l #	58
94) Hexachlorobutadiene	15.01	225	988	Below Cal		79
95) Naphthalene	15.13	128	19063	6.637	ug/l	96
96) 1,2,3-Trichlorobenzene	15.32	180	2246	3.467	ug/l	98

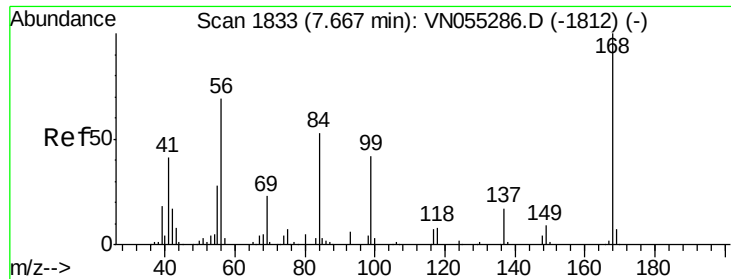
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050719\
Data File : VN055435.D
Acq On : 7 May 2019 14:14
Operator : JC/SP
Sample : K2658-21 40X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EP1-PZ-W1-2

Quant Time: May 08 05:48:28 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055435.D

Acq: 7 May 2019 14:14

Instrument :

MSVOA_N

ClientSampleId :

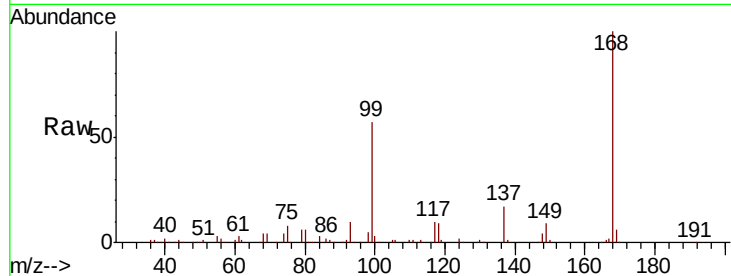
EP1-PZ-W1-2

Tot Ion:168 Resp: 460292

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

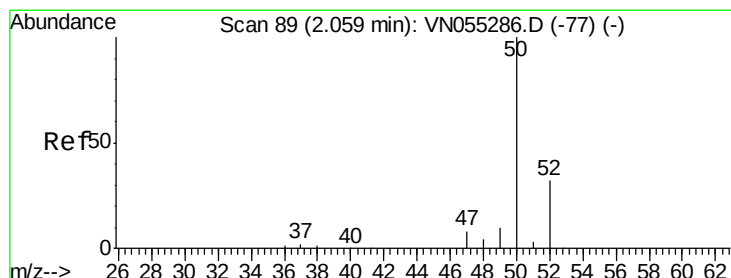
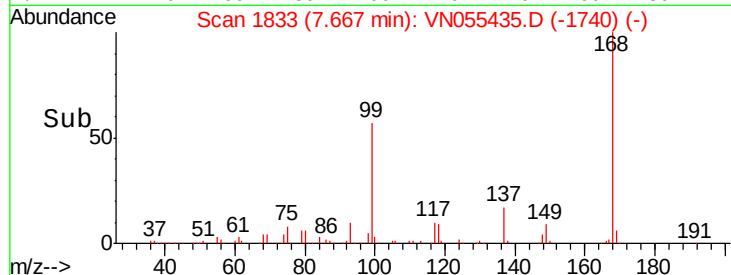
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.624 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN055435.D

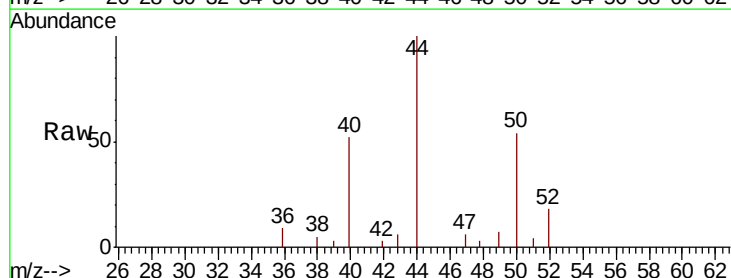
Acq: 7 May 2019 14:14

Tgt Ion: 50 Resp: 4360

Ion Ratio Lower Upper

50 100

52 33.7 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VN055286.D (-77) (-)

Ion 51.90 (51.60 to 52.60): VN055286.D (-77) (-)

2.06

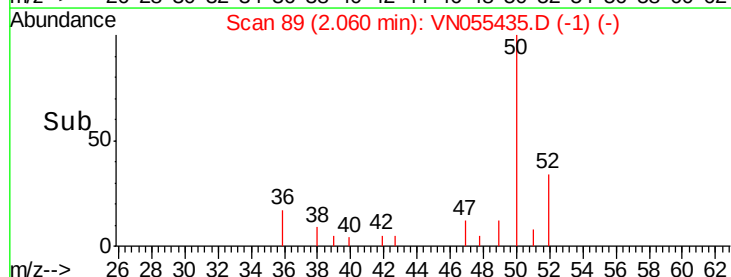
3000

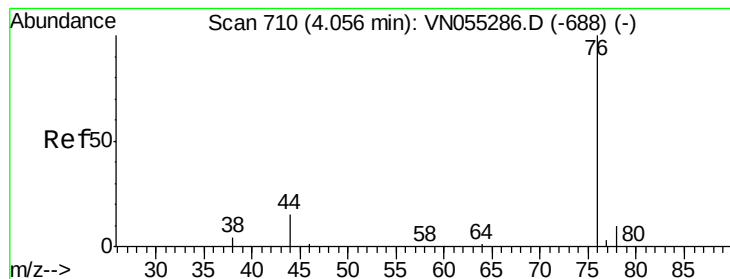
2000

1000

0

Time-->





#17

Carbon Disulfide

Concen: 0.301 ug/l

RT: 4.06 min Scan# 710

Delta R.T. 0.00 min

Lab File: VN055435.D

Acq: 7 May 2019 14:14

Instrument :

MSVOA_N

ClientSampled :

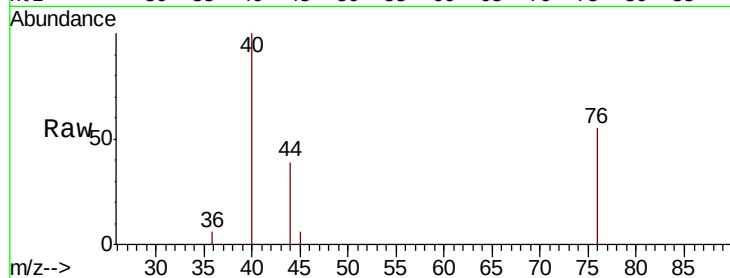
EP1-PZ-W1-2

Tot Ion: 76 Resp: 3574

Ion Ratio Lower Upper

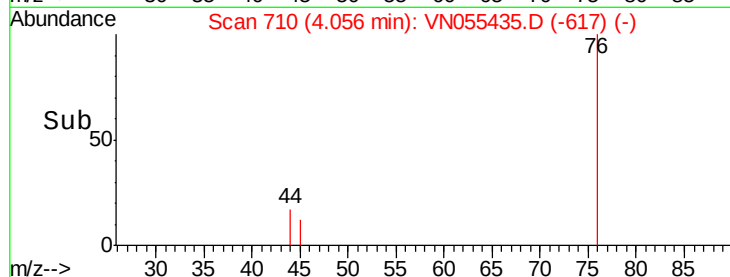
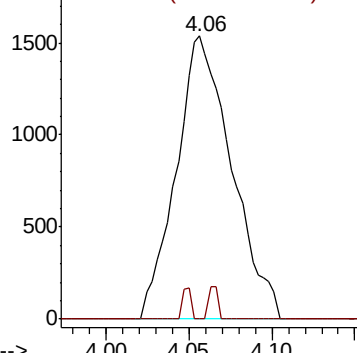
76 100

78 0.0 7.6 11.4#

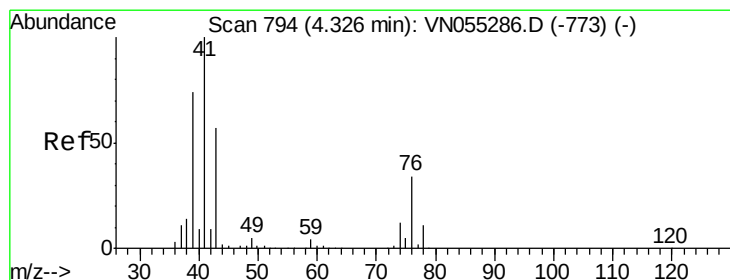


Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



Time-->



#18

Methyl Acetate

Concen: Below Cal

RT: 4.34 min Scan# 798

Delta R.T. 0.01 min

Lab File: VN055435.D

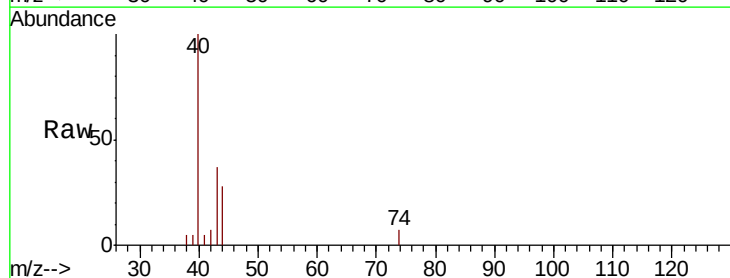
Acq: 7 May 2019 14:14

Tgt Ion: 43 Resp: 1905

Ion Ratio Lower Upper

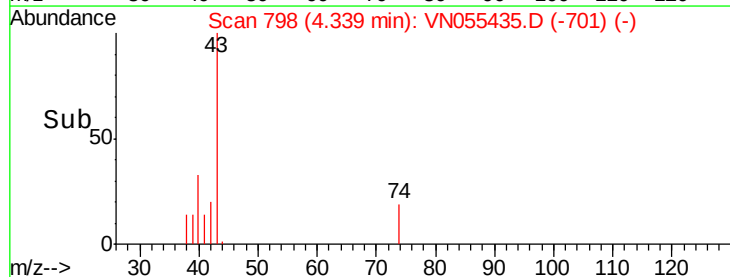
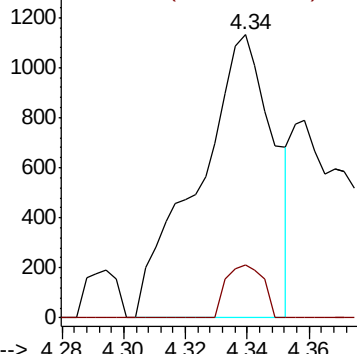
43 100

74 9.2 15.8 23.8#

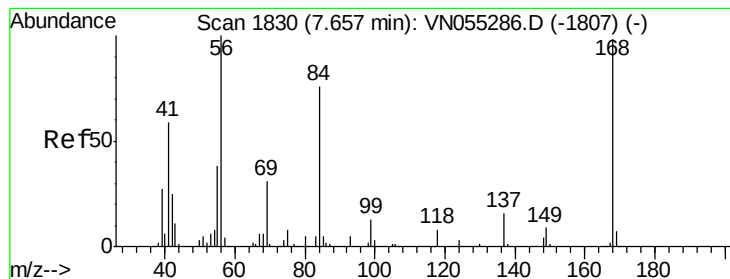


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



Time-->



#31

Cyclohexane

Concen: 1.138 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN055435.D

Acq: 7 May 2019 14:14

Instrument :

MSVOA_N

ClientSampleId :

EP1-PZ-W1-2

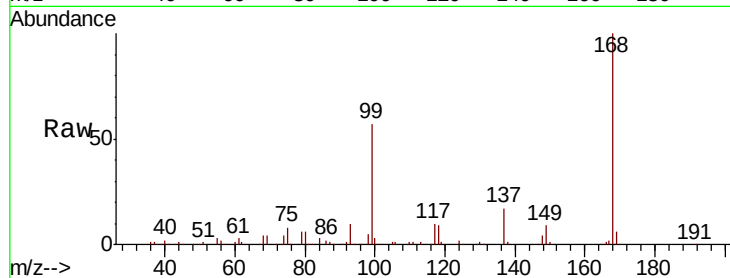
Tot Ion: 56 Resp: 10781

Ion Ratio Lower Upper

56 100

69 153.6 25.2 37.8#

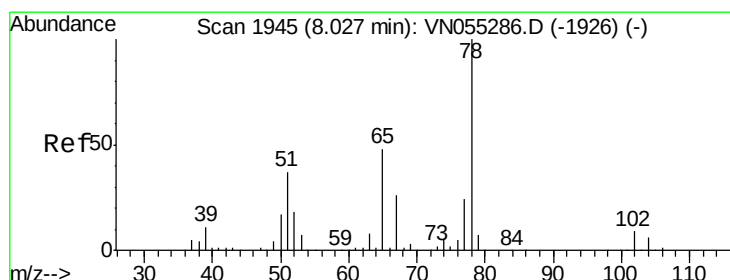
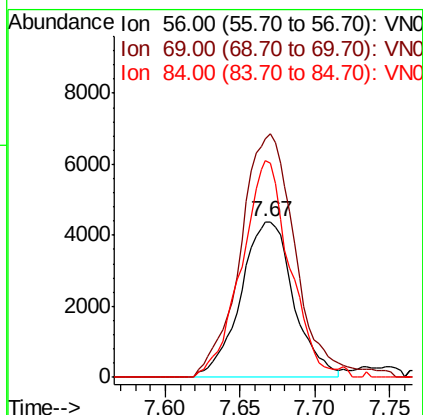
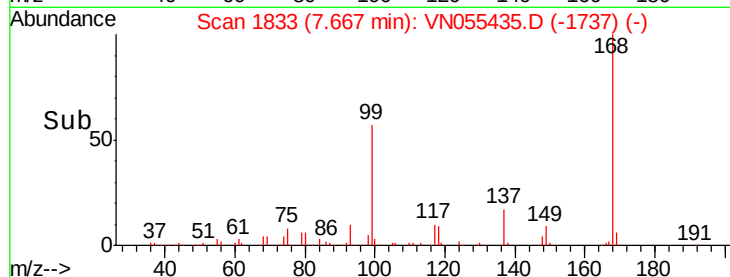
84 139.0 61.1 91.7#



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: 49.359 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN055435.D

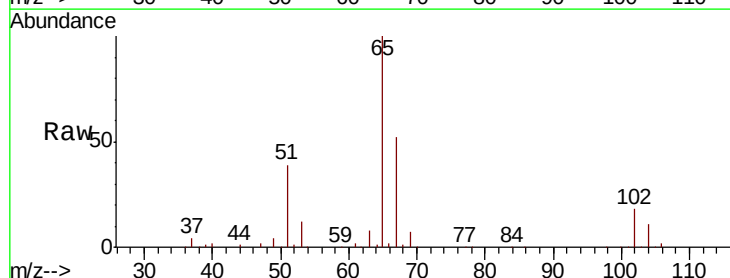
Acq: 7 May 2019 14:14

Tgt Ion: 65 Resp: 297224

Ion Ratio Lower Upper

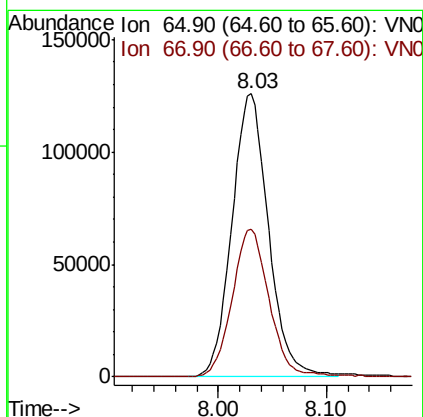
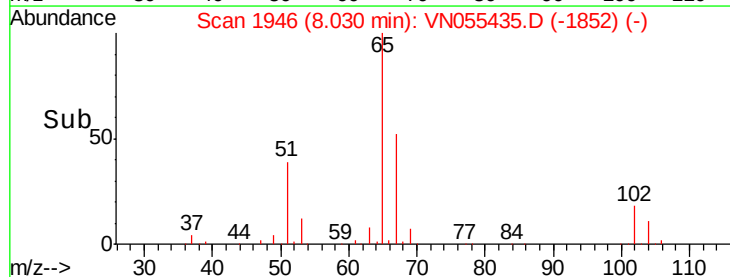
65 100

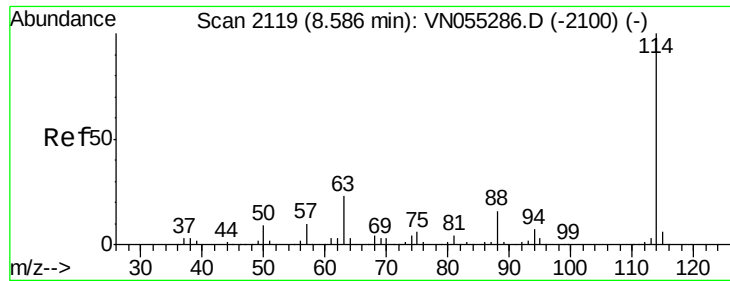
67 52.7 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

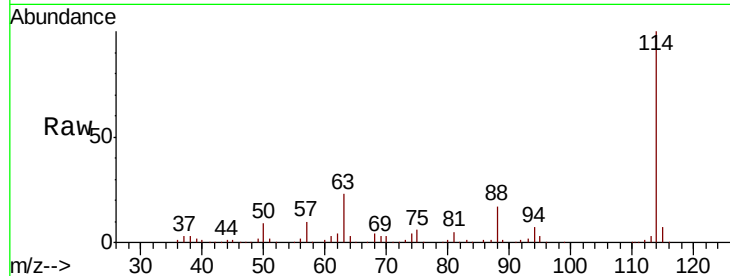




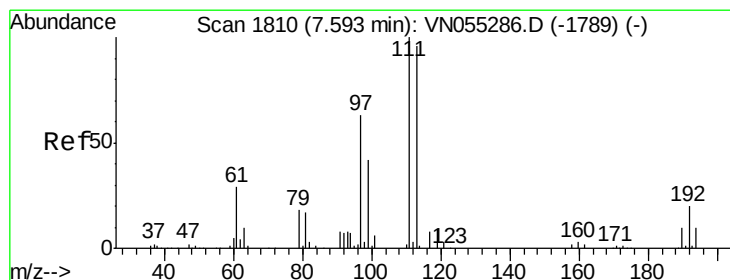
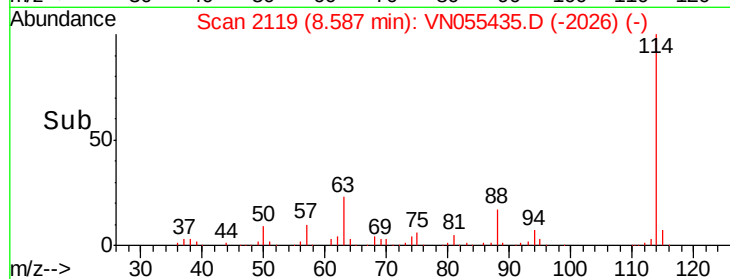
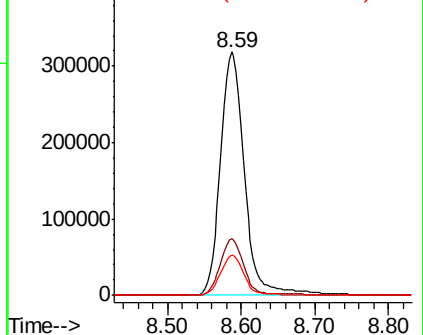
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055435.D
 Acq: 7 May 2019 14:14

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-PZ-W1-2

Tot Ion:114 Resp: 724771
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 45.2
 88 16.7 0.0 31.6

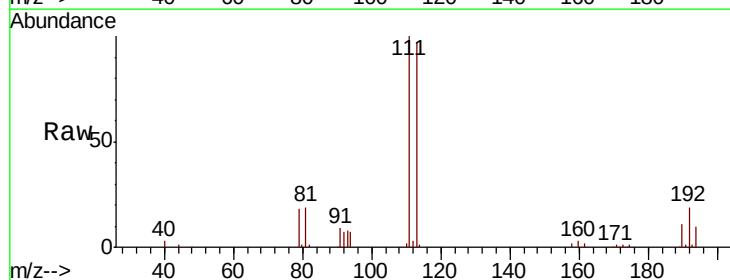


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

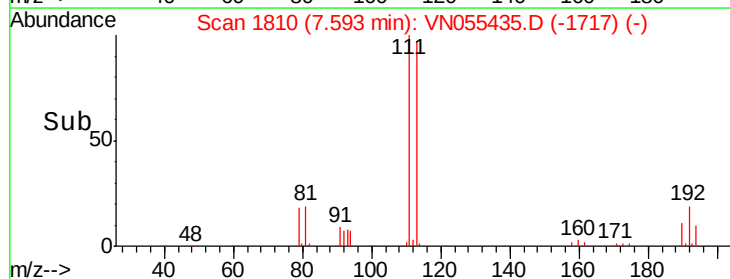
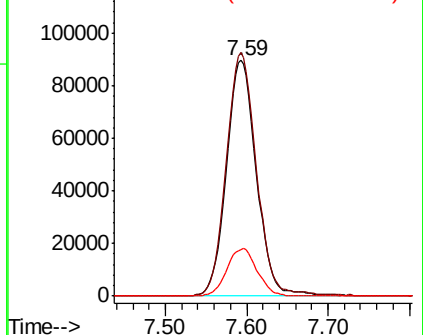


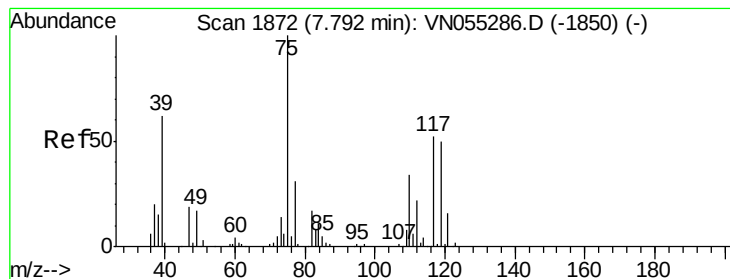
#35
 Dibromofluoromethane
 Concen: 48.589 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055435.D
 Acq: 7 May 2019 14:14

Tgt Ion:113 Resp: 231146
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.3 123.5
 192 20.4 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: 5.206 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN055435.D

Acq: 7 May 2019 14:14

Instrument :

MSVOA_N

ClientSampleId :

EP1-PZ-W1-2

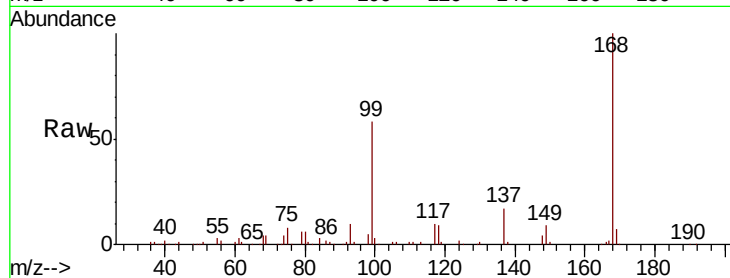
Tot Ion: 75 Resp: 36143

Ion Ratio Lower Upper

75 100

110 8.3 16.8 50.4#

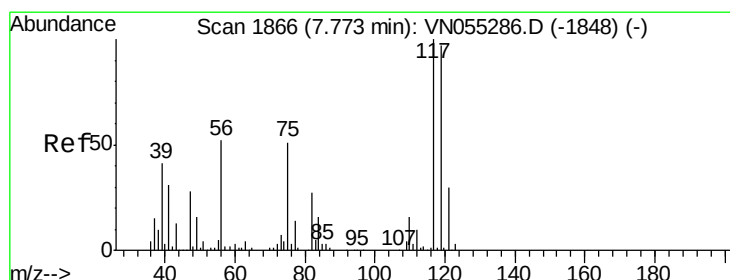
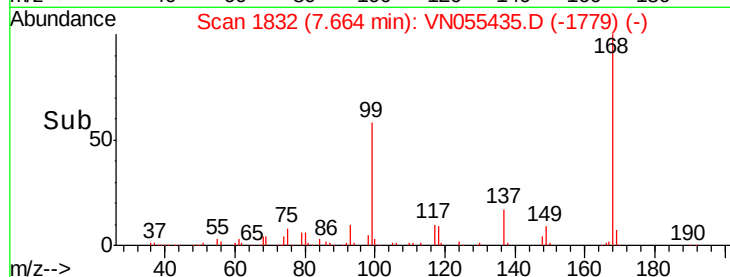
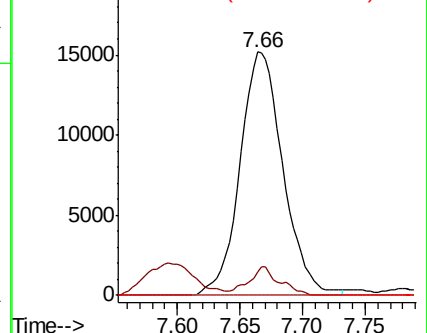
77 0.0 25.0 37.6#



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: 6.606 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN055435.D

Acq: 7 May 2019 14:14

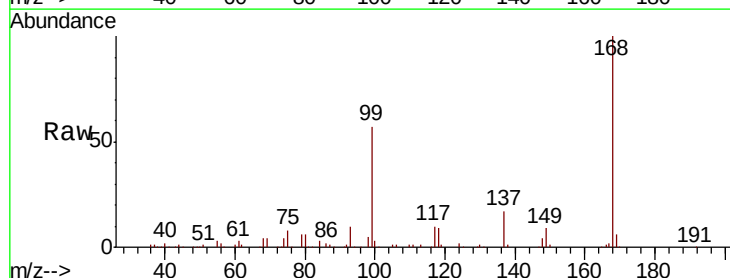
Tgt Ion: 117 Resp: 44241

Ion Ratio Lower Upper

117 100

119 6.0 77.0 115.6#

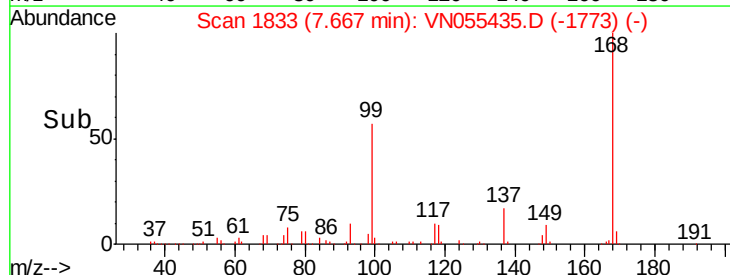
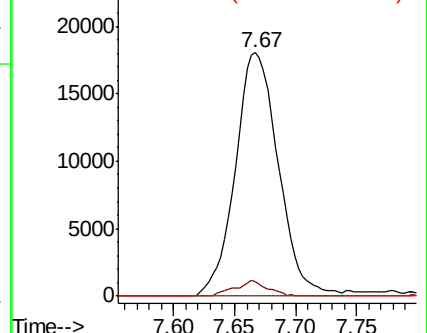
121 0.0 23.8 35.8#

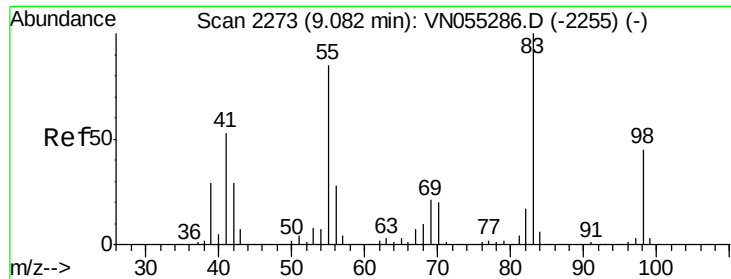


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

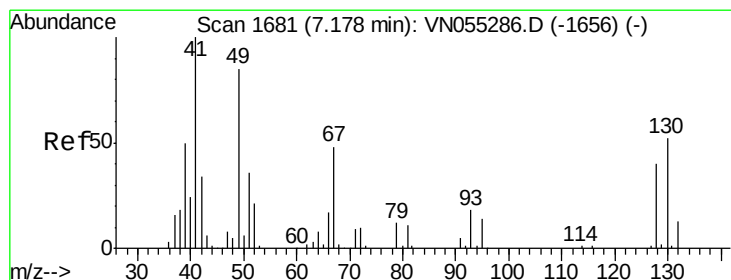
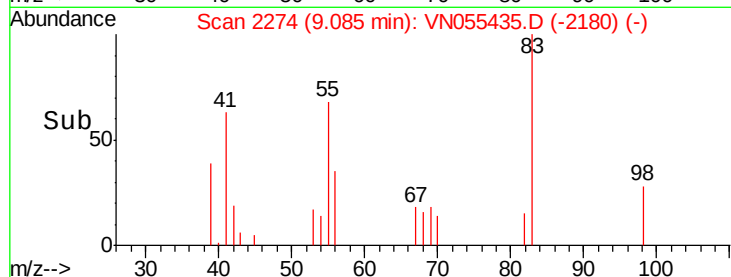
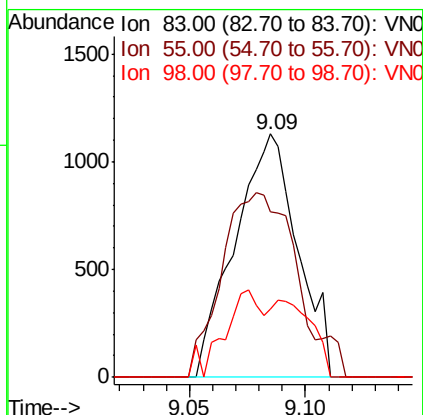
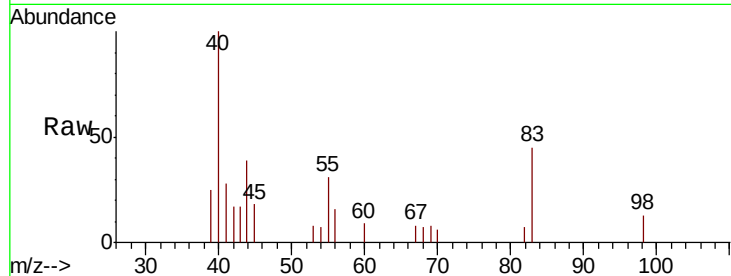




#39
Methylcyclohexane
Concen: 0.288 ug/l
RT: 9.09 min Scan# 2274
Delta R.T. 0.00 min
Lab File: VN055435.D
Acq: 7 May 2019 14:14

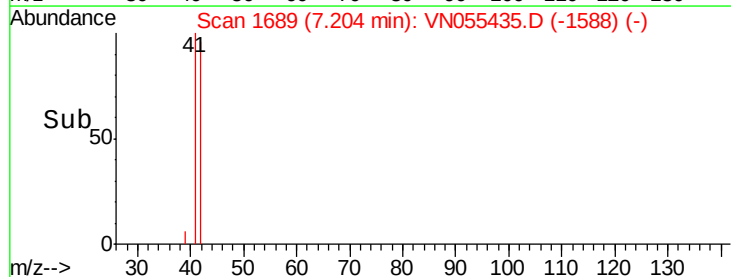
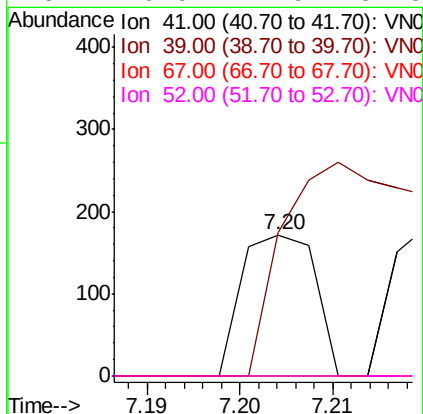
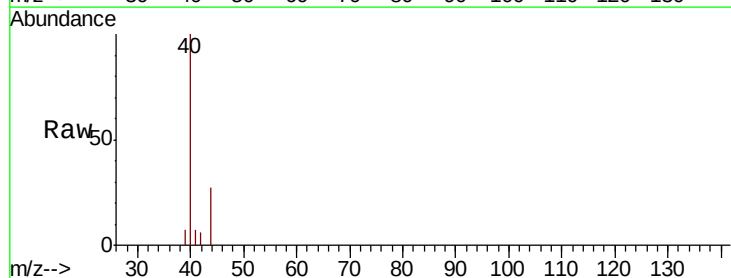
Instrument :
MSVOA_N
ClientSampled :
EP1-PZ-W1-2

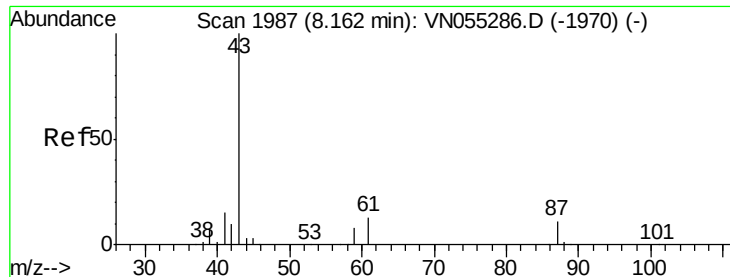
Tot Ion: 83 Resp: 2126
Ion Ratio Lower Upper
83 100
55 67.9 67.8 101.6
98 28.3 36.2 54.4#



#41
Methacrylonitrile
Concen: 0.772 ug/l
RT: 7.20 min Scan# 1689
Delta R.T. 0.03 min
Lab File: VN055435.D
Acq: 7 May 2019 14:14

Tgt Ion: 41 Resp: 94
Ion Ratio Lower Upper
41 100
39 396.8 48.5 72.7#
67 0.0 54.9 82.3#
52 0.0 24.9 37.3#





#43

Isopropyl Acetate

Concen: 0.736 ug/l

RT: 8.24 min Scan# 2011

Delta R.T. 0.08 min

Lab File: VN055435.D

Acq: 7 May 2019 14:14

Instrument :

MSVOA_N

ClientSampled :

EP1-PZ-W1-2

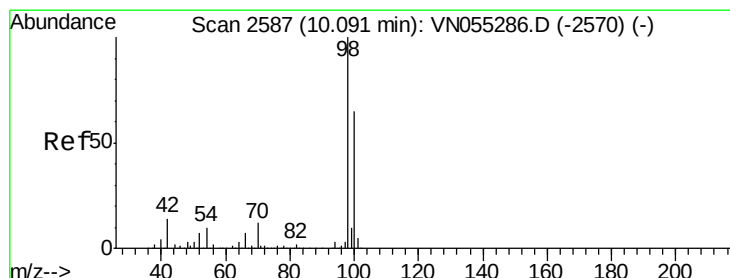
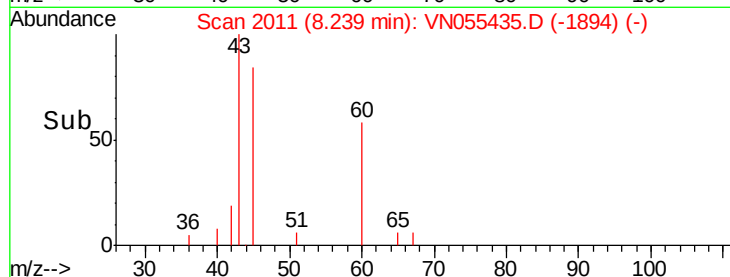
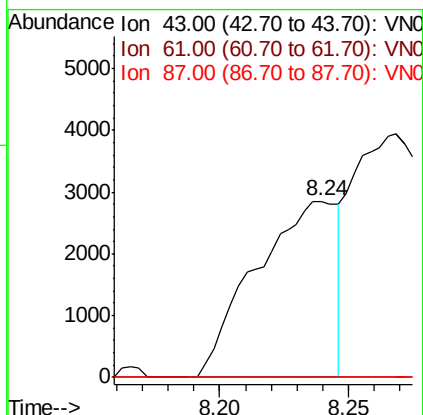
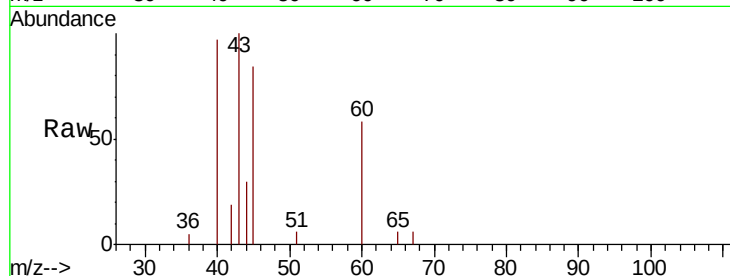
Tot Ion: 43 Resp: 6289

Ion Ratio Lower Upper

43 100

61 0.0 20.8 31.2#

87 0.0 8.5 12.7#



#50

Toluene-d8

Concen: 49.961 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055435.D

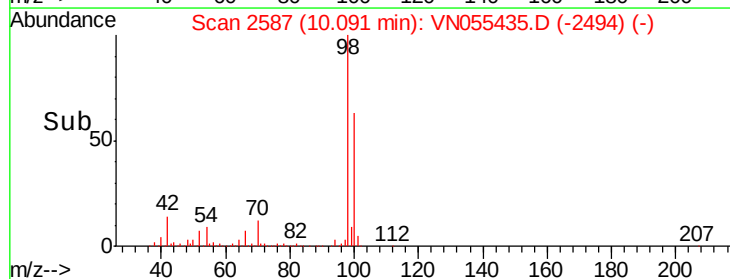
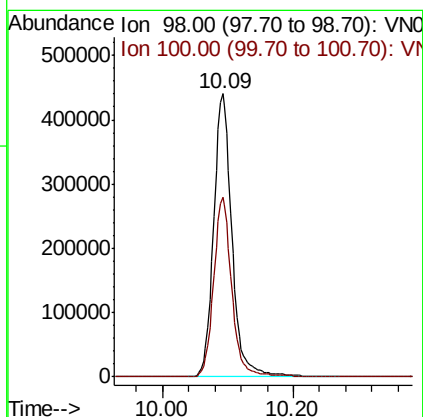
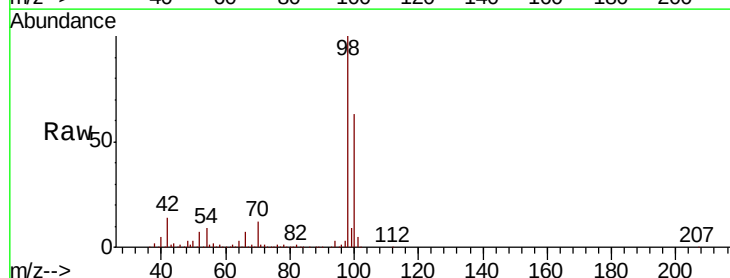
Acq: 7 May 2019 14:14

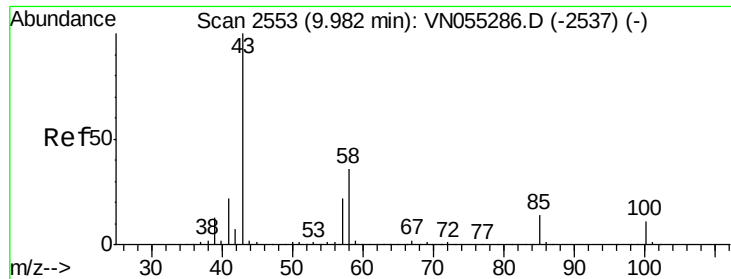
Tgt Ion: 98 Resp: 858207

Ion Ratio Lower Upper

98 100

100 62.8 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 0.485 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.01 min

Lab File: VN055435.D

Acq: 7 May 2019 14:14

Instrument :

MSVOA_N

ClientSampleId :

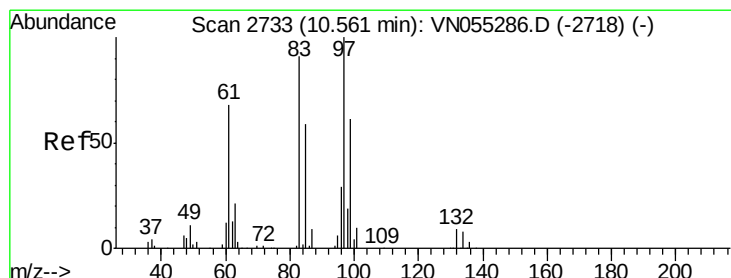
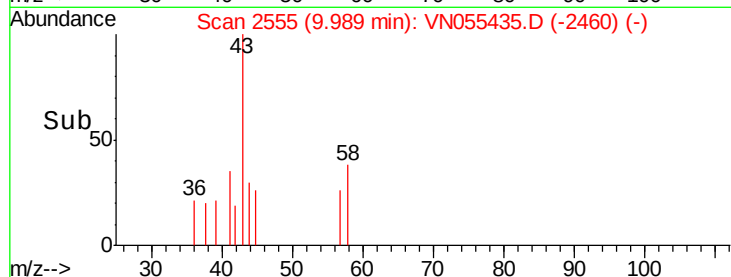
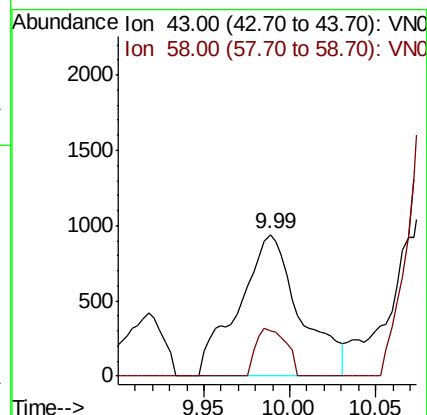
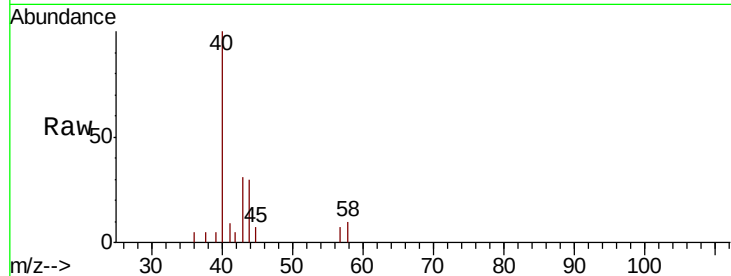
EP1-PZ-W1-2

Tot Ion: 43 Resp: 2337

Ion Ratio Lower Upper

43 100

58 16.5 28.5 42.7#



#55

1,1,2-Trichloroethane

Concen: 0.287 ug/l

RT: 10.52 min Scan# 2721

Delta R.T. -0.04 min

Lab File: VN055435.D

Acq: 7 May 2019 14:14

Tgt Ion: 97 Resp: 1252

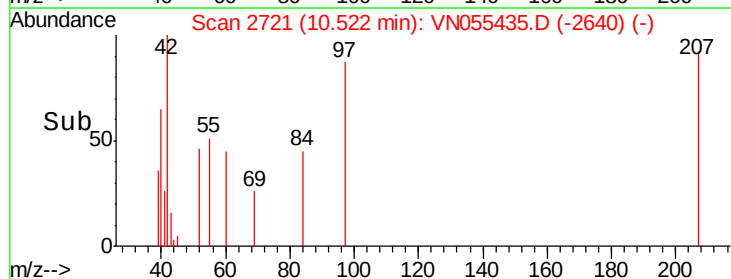
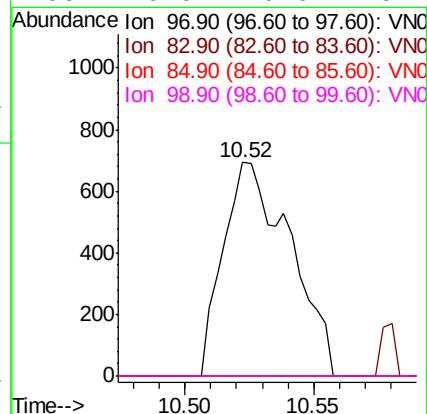
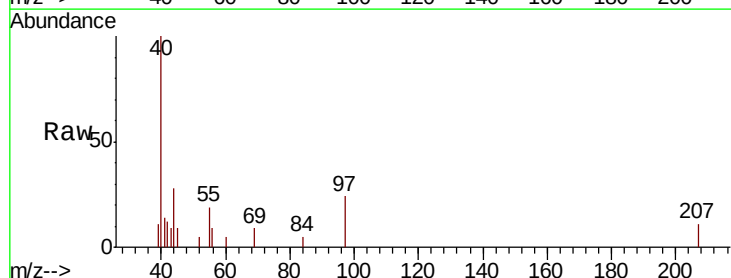
Ion Ratio Lower Upper

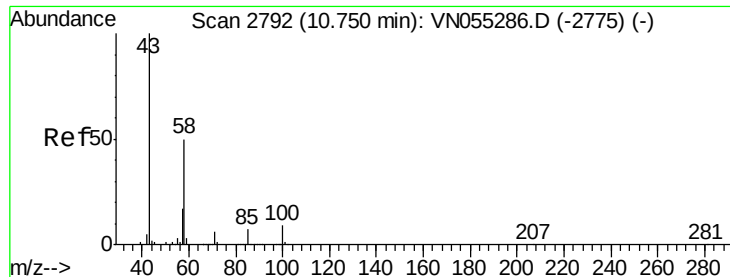
97 100

83 0.0 72.8 109.2#

85 0.0 47.0 70.6#

99 0.0 49.0 73.4#

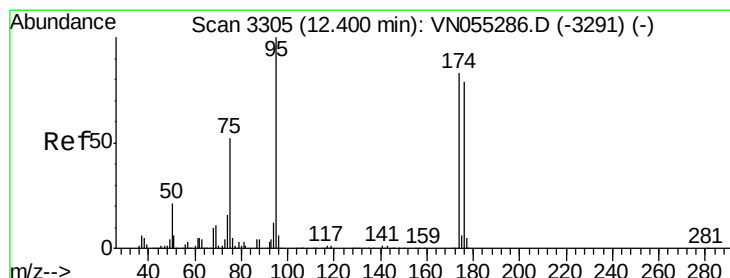
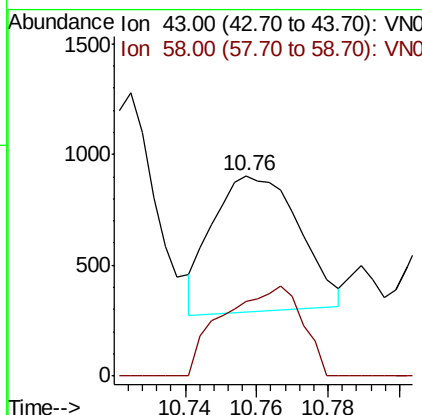
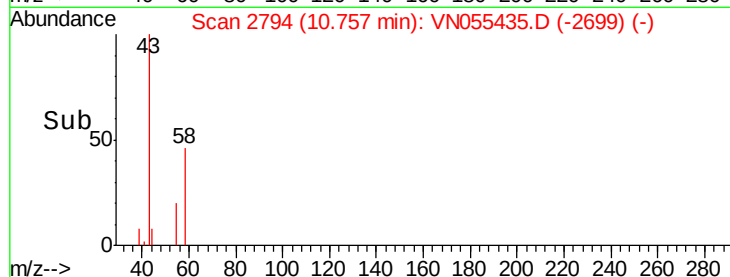
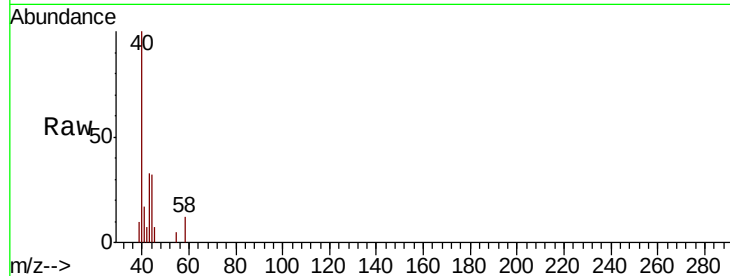




#59
2-Hexanone
Concen: 0.343 ug/l
RT: 10.76 min Scan# 2794
Delta R.T. 0.01 min
Lab File: VN055435.D
Acq: 7 May 2019 14:14

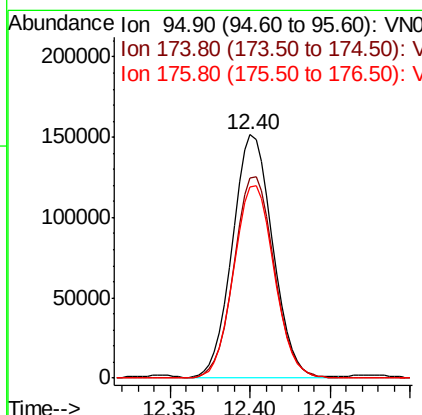
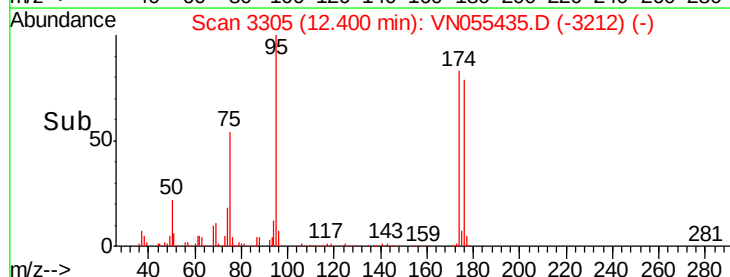
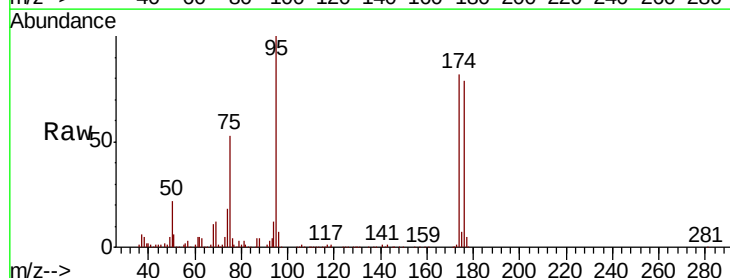
Instrument :
MSVOA_N
ClientSampled :
EP1-PZ-W1-2

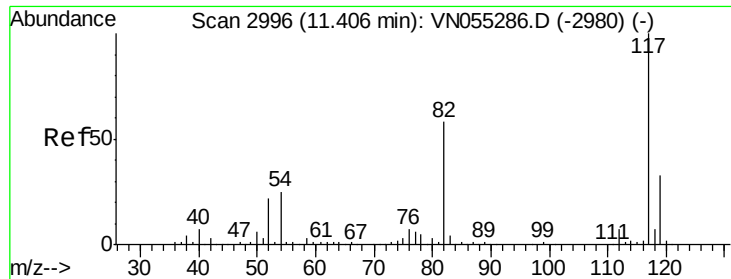
Tot Ion: 43 Resp: 1033
Ion Ratio Lower Upper
43 100
58 60.2 24.9 74.6



#62
4-Bromofluorobenzene
Concen: 48.003 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055435.D
Acq: 7 May 2019 14:14

Tgt Ion: 95 Resp: 257710
Ion Ratio Lower Upper
95 100
174 83.6 0.0 166.6
176 80.4 0.0 157.8

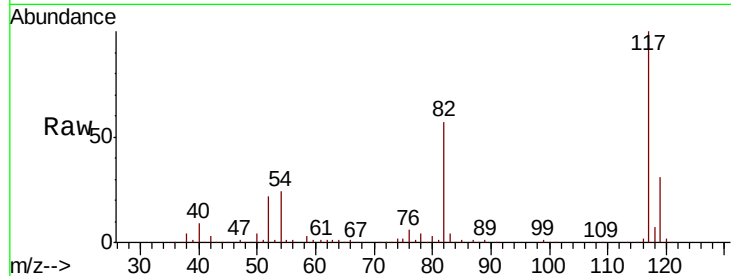




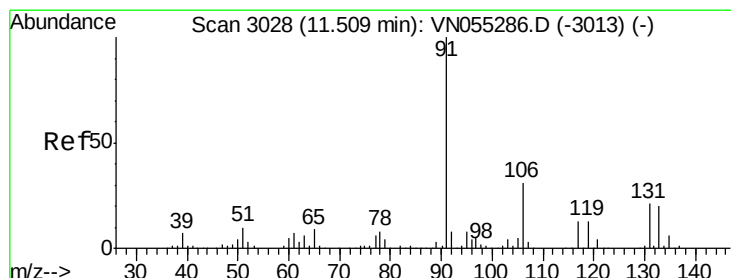
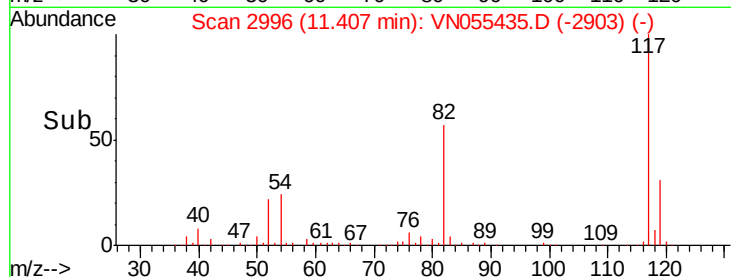
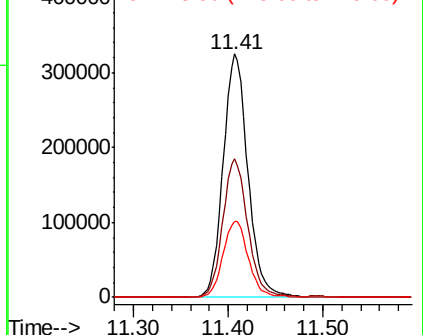
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055435.D
Acq: 7 May 2019 14:14

Instrument :
MSVOA_N
ClientSampled :
EP1-PZ-W1-2

Tot Ion:117 Resp: 590664
Ion Ratio Lower Upper
117 100
82 56.8 46.2 69.4
119 31.4 26.6 40.0

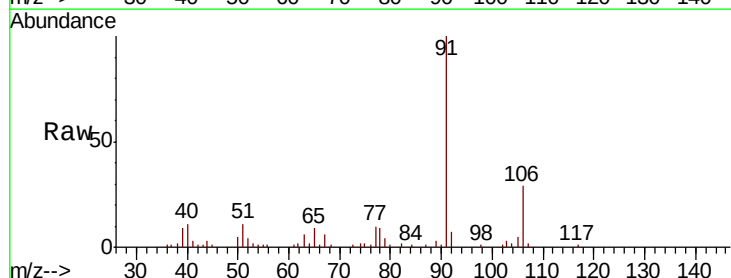


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

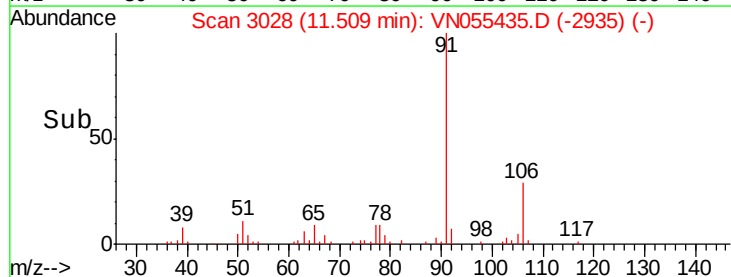
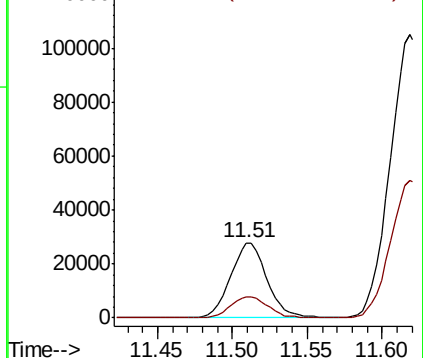


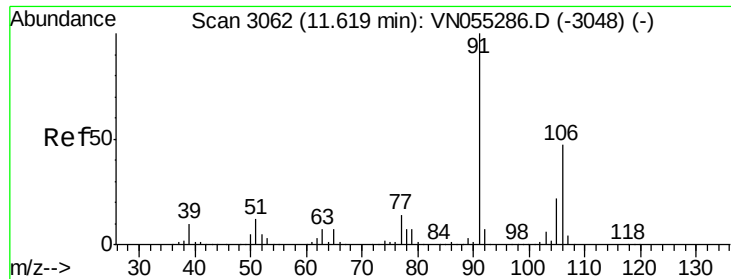
#67
Ethyl Benzene
Concen: 2.254 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055435.D
Acq: 7 May 2019 14:14

Tgt Ion: 91 Resp: 47012
Ion Ratio Lower Upper
91 100
106 28.7 24.6 36.8



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 106.00 (105.70 to 106.70): V

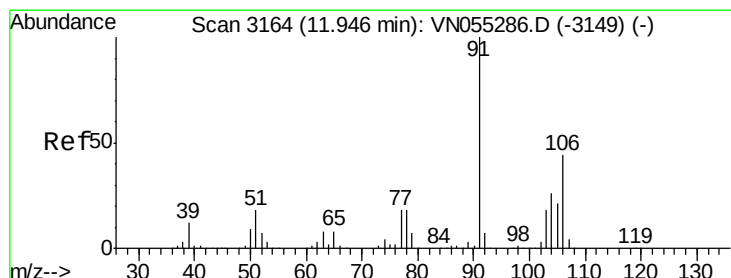
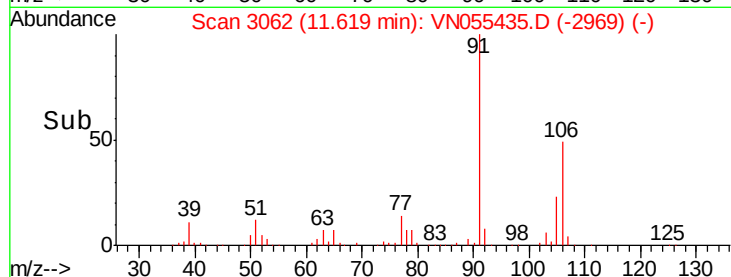
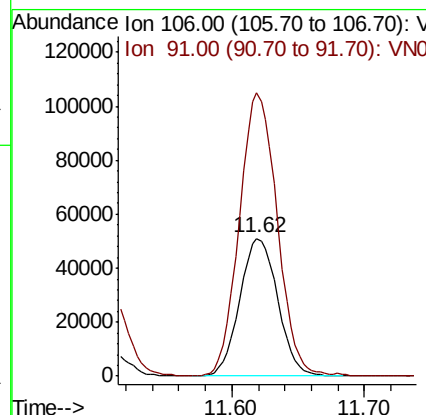
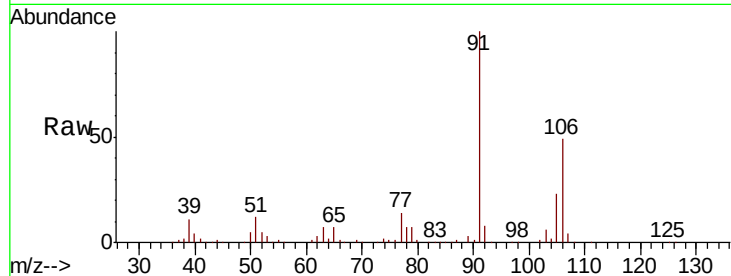




#68
m/p-Xylenes
Concen: 13.643 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055435.D
Acq: 7 May 2019 14:14

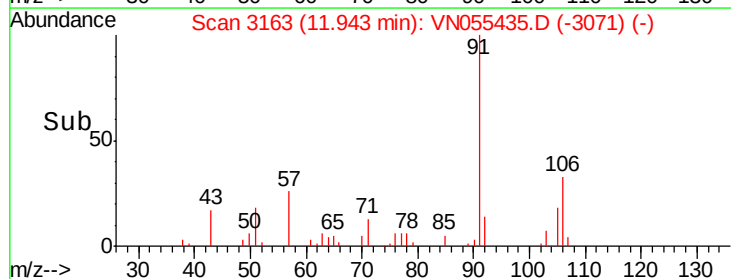
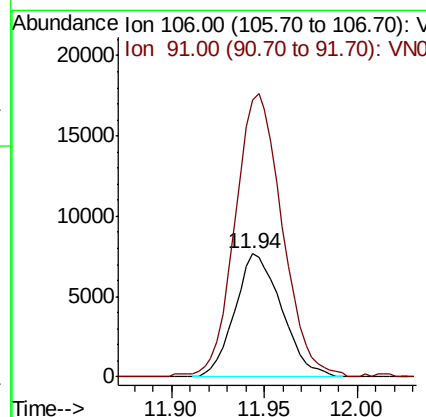
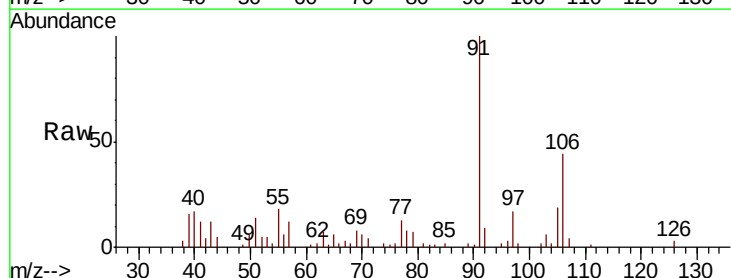
Instrument :
MSVOA_N
ClientSampleId :
EP1-PZ-W1-2

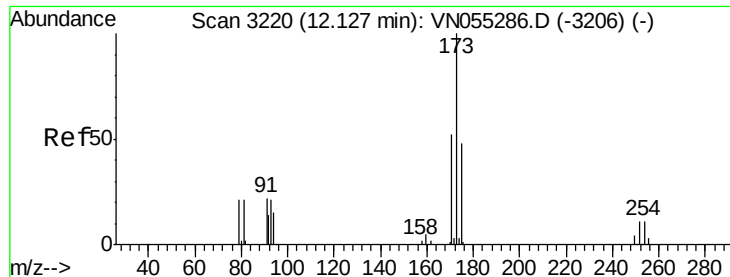
Tot Ion:106 Resp: 101555
Ion Ratio Lower Upper
106 100
91 204.7 169.5 254.3



#69
o-Xylene
Concen: 1.820 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN055435.D
Acq: 7 May 2019 14:14

Tgt Ion:106 Resp: 13429
Ion Ratio Lower Upper
106 100
91 232.6 111.5 334.5

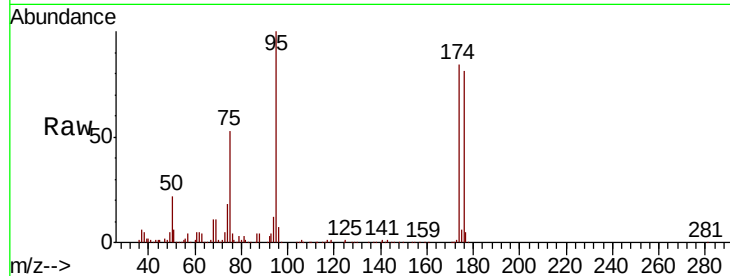




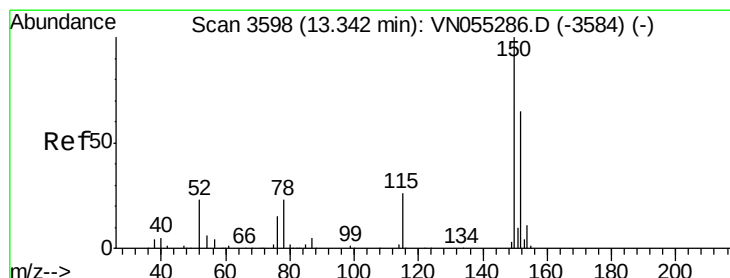
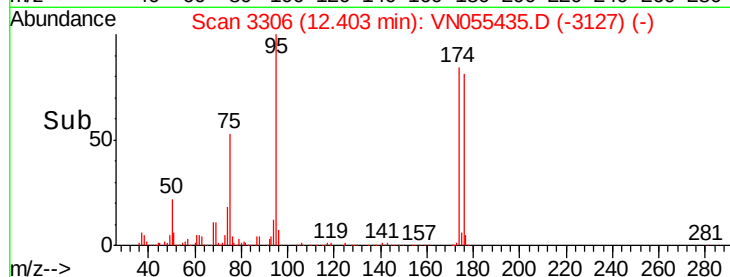
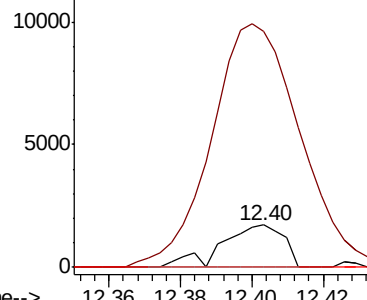
#71
Bromoform
Concen: 0.832 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN055435.D
Acq: 7 May 2019 14:14

Instrument :
MSVOA_N
ClientSampled :
EP1-PZ-W1-2

Tot Ion:173 Resp: 2087
Ion Ratio Lower Upper
173 100
175 709.5 23.6 71.0#
254 0.0 0.0 0.0

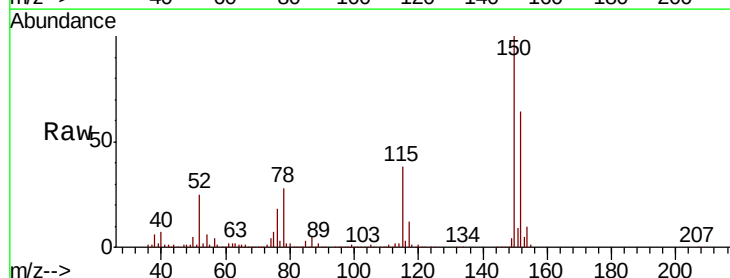


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

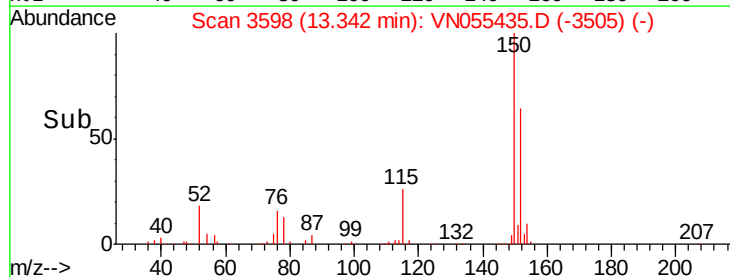
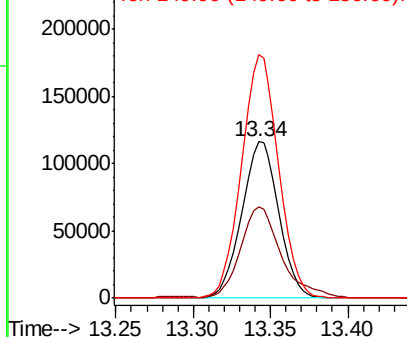


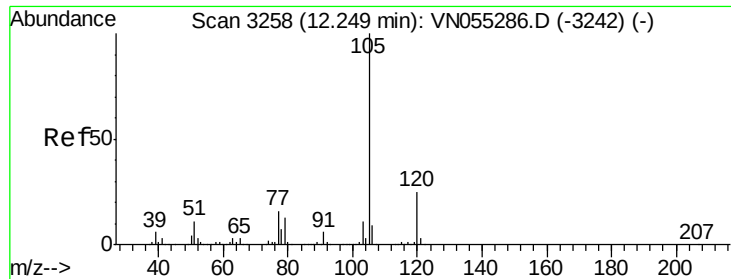
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055435.D
Acq: 7 May 2019 14:14

Tgt Ion:152 Resp: 193469
Ion Ratio Lower Upper
152 100
115 64.3 29.0 87.0
150 155.8 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: 1.974 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055435.D

Acq: 7 May 2019 14:14

Instrument :

MSVOA_N

ClientSampled :

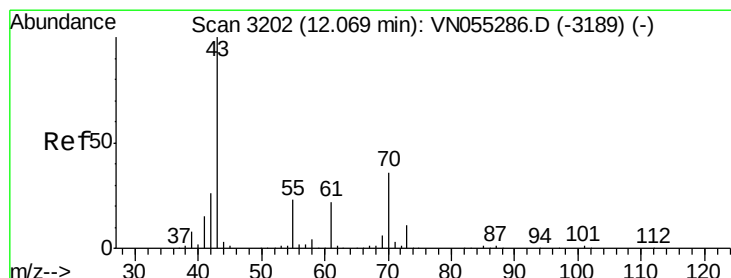
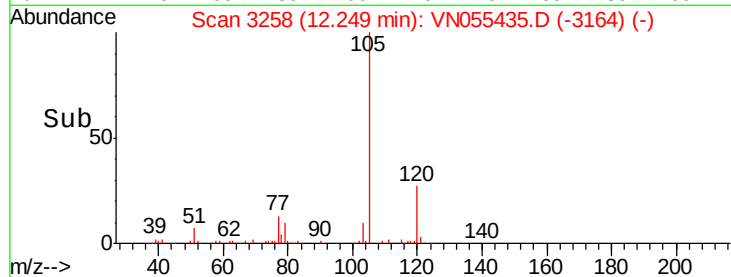
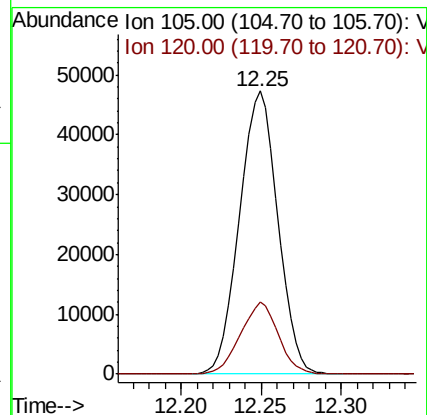
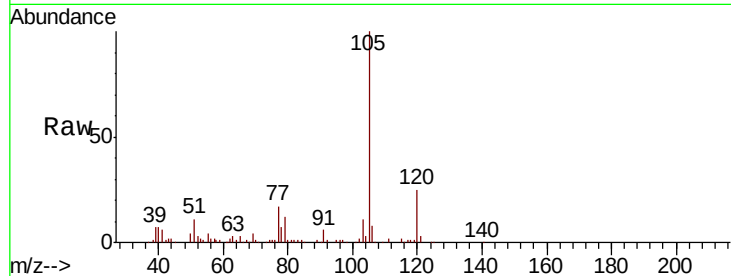
EP1-PZ-W1-2

Tot Ion:105 Resp: 77140

Ion Ratio Lower Upper

105 100

120 25.0 12.9 38.7



#74

N-ethyl acetate

Concen: 2.032 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN055435.D

Acq: 7 May 2019 14:14

Tgt Ion: 43 Resp: 10089

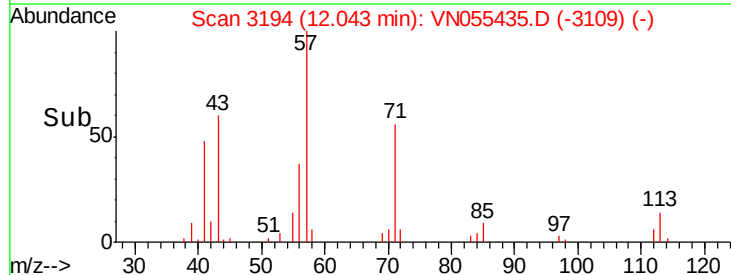
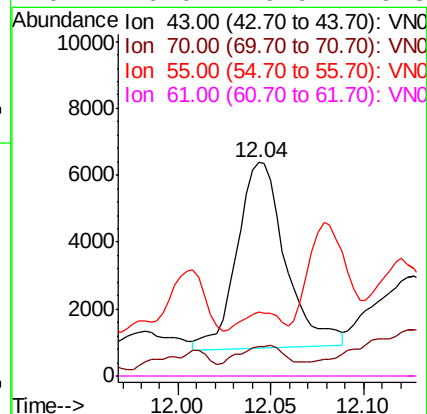
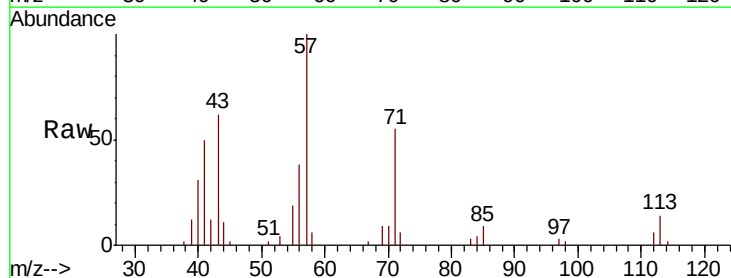
Ion Ratio Lower Upper

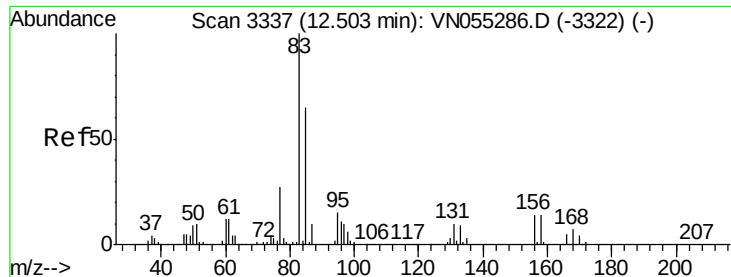
43 100

70 8.5 27.9 41.9#

55 15.3 18.2 27.2#

61 0.0 16.9 25.3#





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.51 min Scan# 3339

Delta R.T. 0.01 min

Lab File: VN055435.D

Acq: 7 May 2019 14:14

Instrument :

MSVOA_N

ClientSampled :

EP1-PZ-W1-2

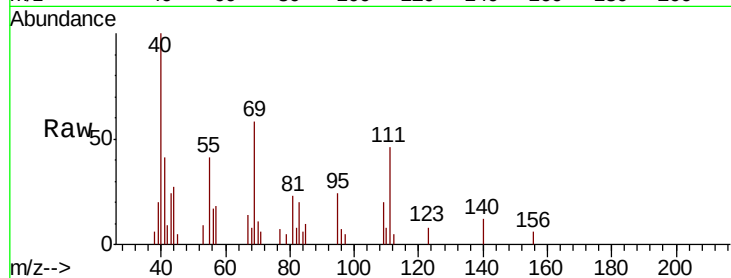
Tot Ion: 83 Resp: 225

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.2#

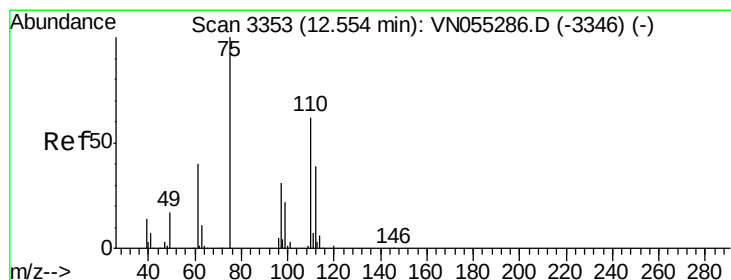
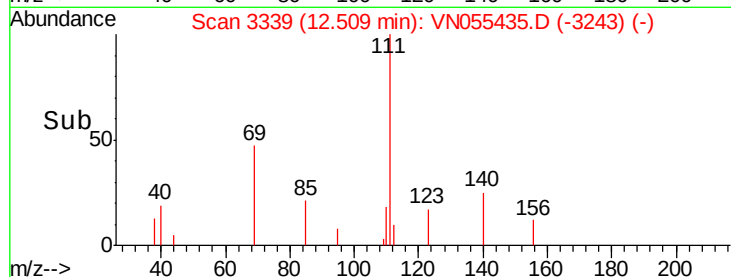
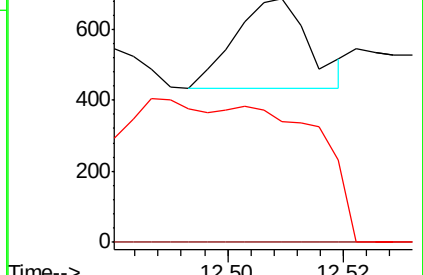
85 0.0 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 37.656 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055435.D

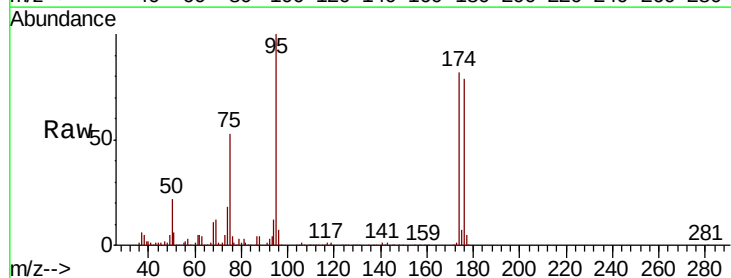
Acq: 7 May 2019 14:14

Tgt Ion: 75 Resp: 137651

Ion Ratio Lower Upper

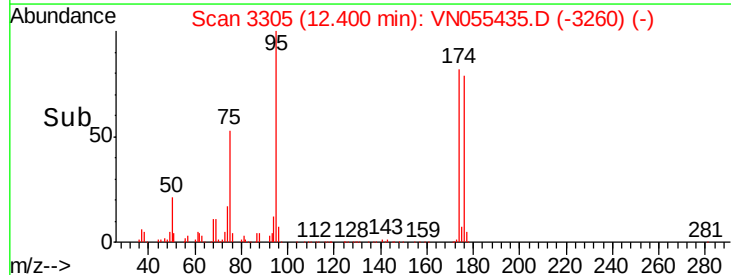
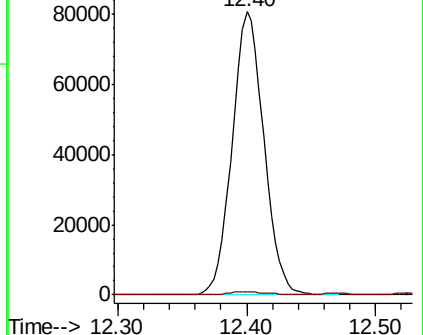
75 100

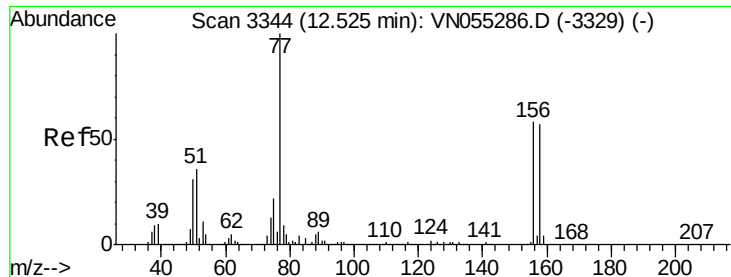
77 1.3 0.0 0.0#



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: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055435.D

Acq: 7 May 2019 14:14

Instrument :

MSVOA_N

ClientSampled :

EP1-PZ-W1-2

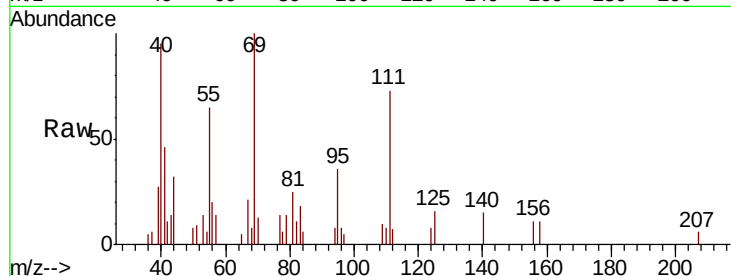
Tot Ion:156 Resp: 540

Ion Ratio Lower Upper

156 100

77 0.0 99.6 298.8#

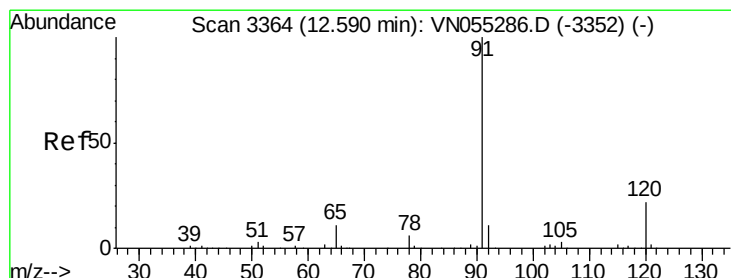
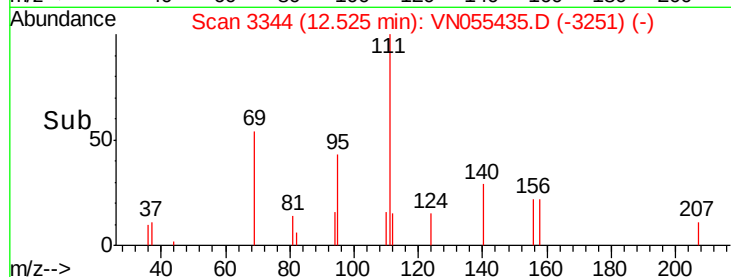
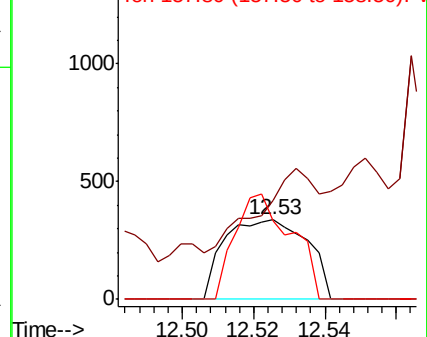
158 90.4 49.3 147.8



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: 7.981 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055435.D

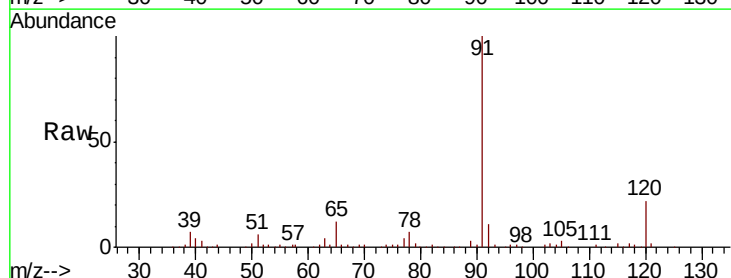
Acq: 7 May 2019 14:14

Tgt Ion: 91 Resp: 158604

Ion Ratio Lower Upper

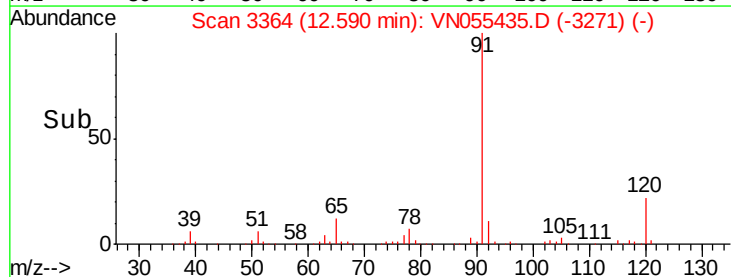
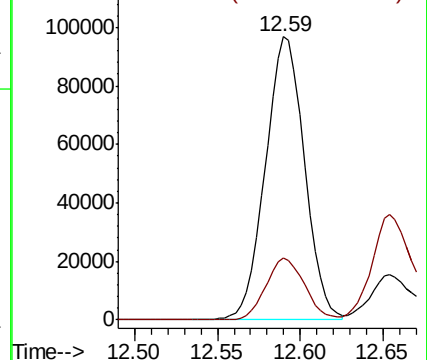
91 100

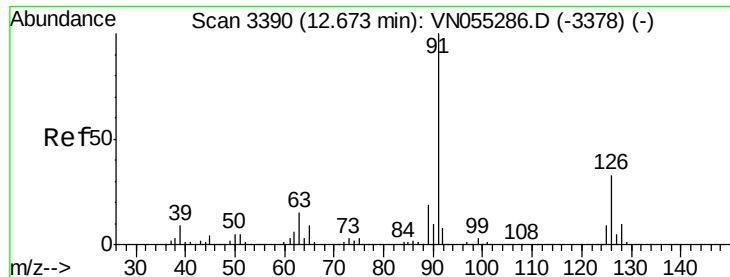
120 21.6 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

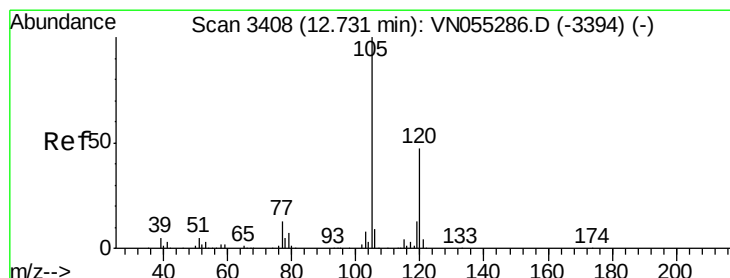
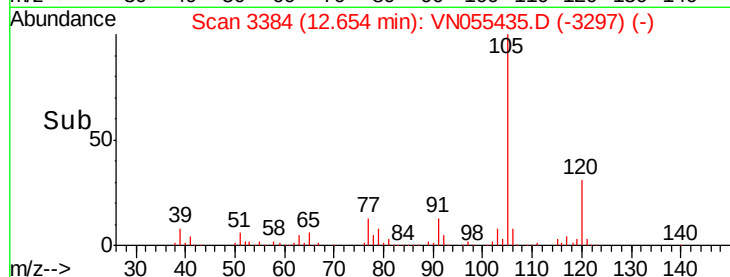
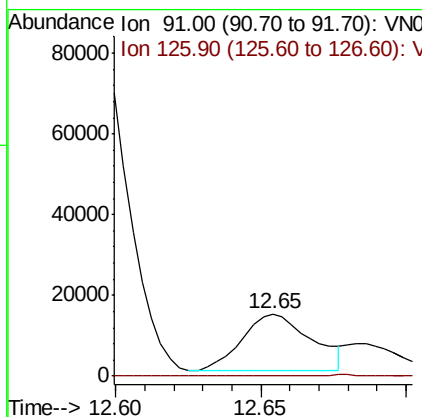
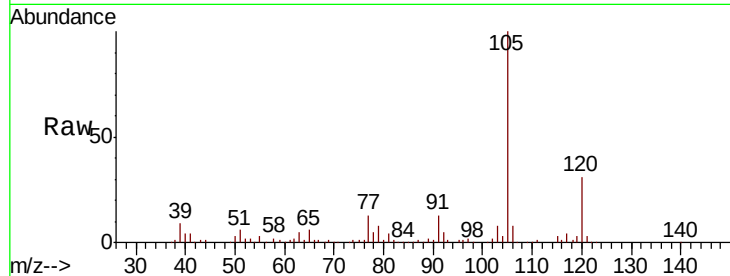




#79
 2-Chlorotoluene
 Concen: Below Cal
 RT: 12.65 min Scan# 3384
 Delta R.T. -0.02 min
 Lab File: VN055435.D
 Acq: 7 May 2019 14:14

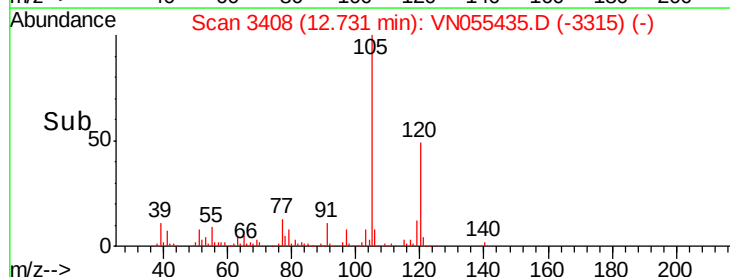
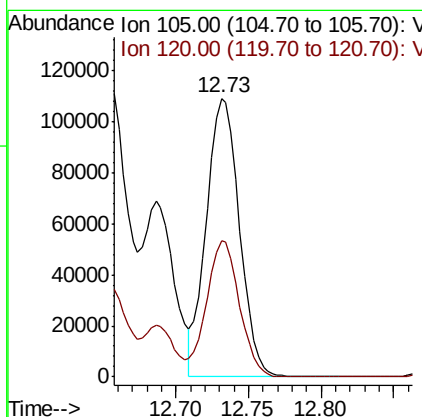
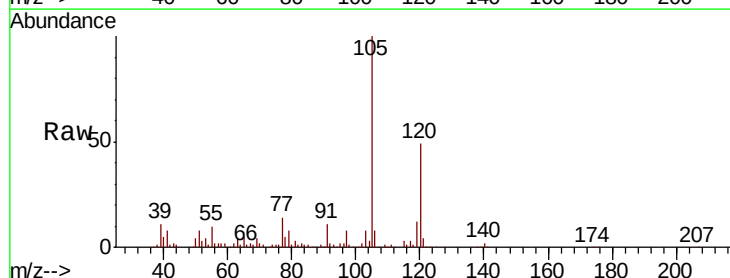
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-PZ-W1-2

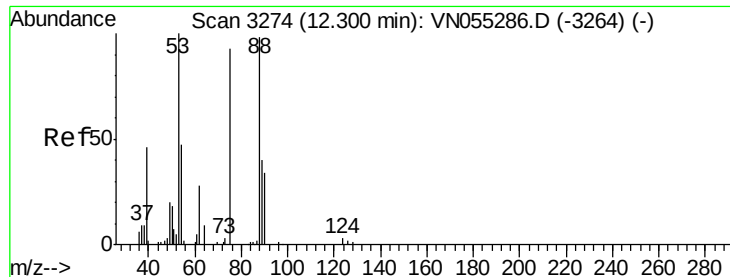
Tot Ion: 91 Resp: 23221
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.6 49.7#



#80
 1,3,5-Trimethylbenzene
 Concen: 11.395 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055435.D
 Acq: 7 May 2019 14:14

Tgt Ion: 105 Resp: 172830
 Ion Ratio Lower Upper
 105 100
 120 49.0 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 134.832 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055435.D

Acq: 7 May 2019 14:14

Instrument :

MSVOA_N

ClientSampled :

EP1-PZ-W1-2

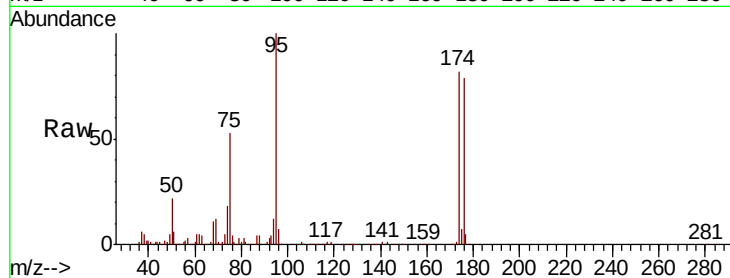
Tot Ion: 75 Resp: 137651

Ion Ratio Lower Upper

75 100

53 0.1 86.3 129.5#

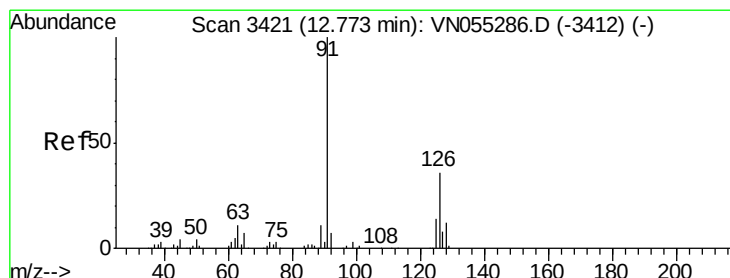
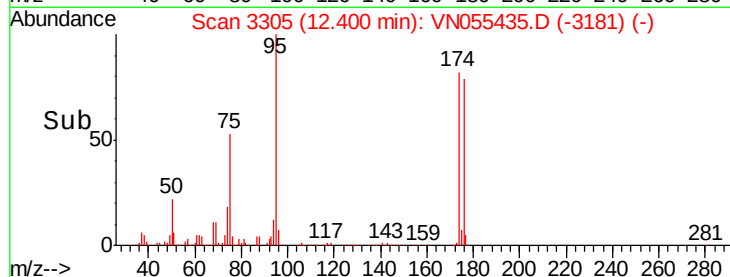
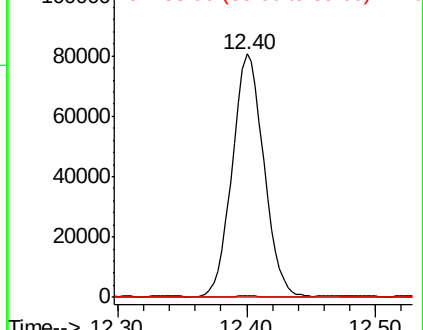
89 0.0 34.6 51.8#



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: 1.421 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.04 min

Lab File: VN055435.D

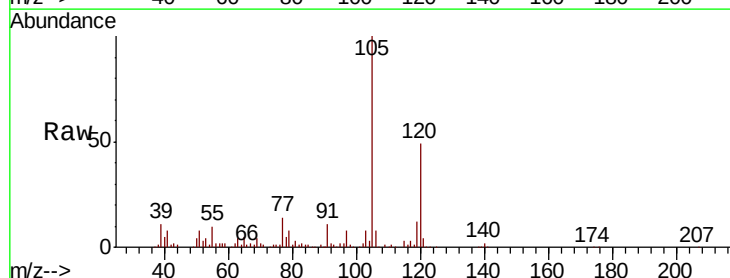
Acq: 7 May 2019 14:14

Tgt Ion: 91 Resp: 16418

Ion Ratio Lower Upper

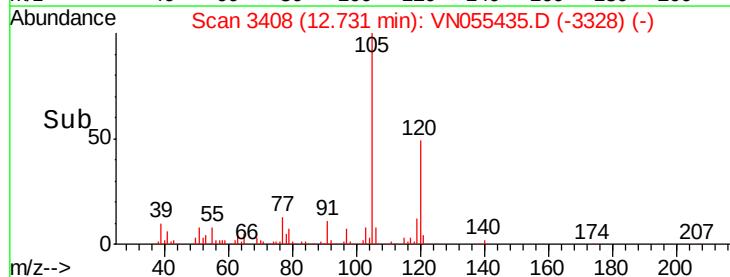
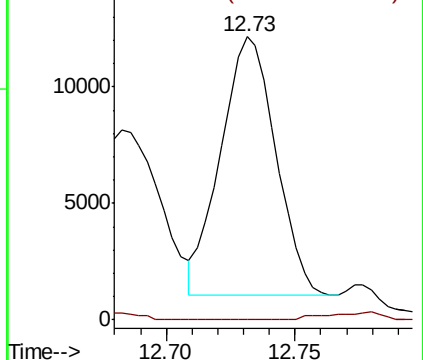
91 100

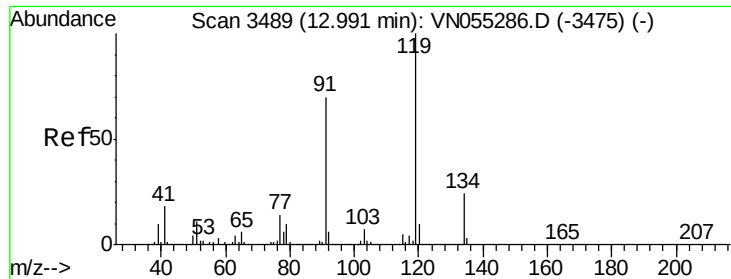
126 0.0 16.6 49.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

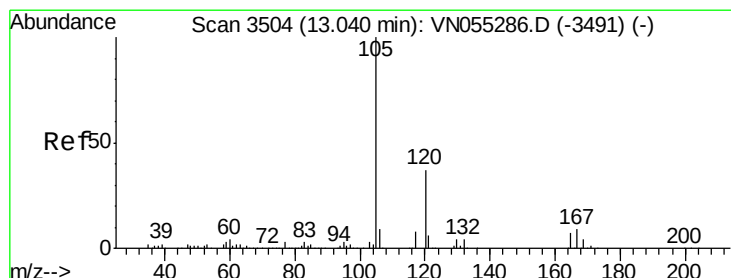
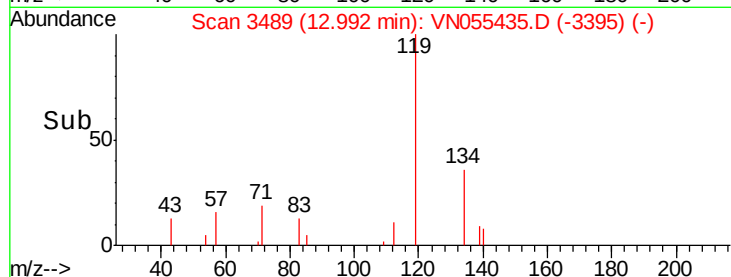
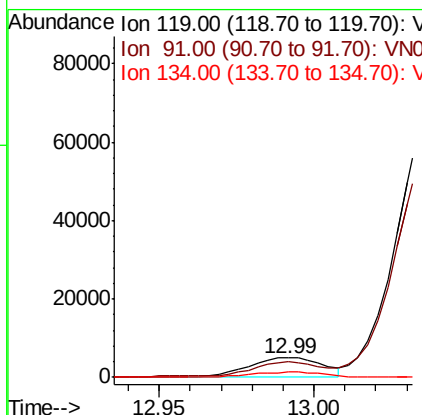
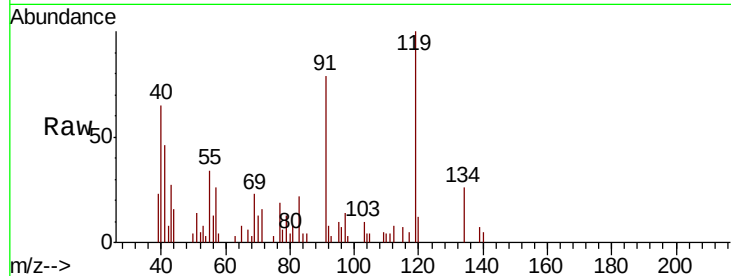




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN055435.D
 Acq: 7 May 2019 14:14

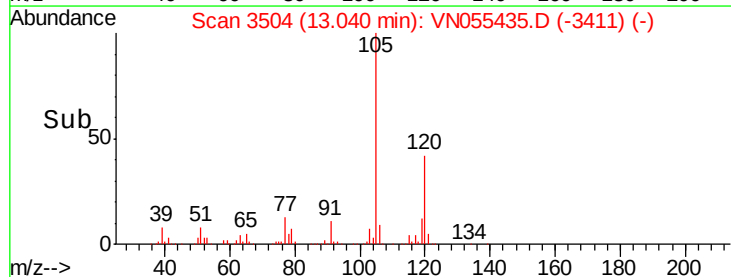
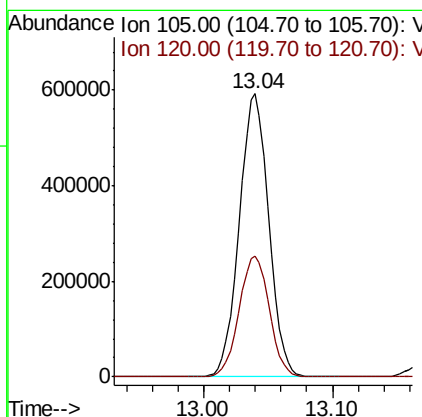
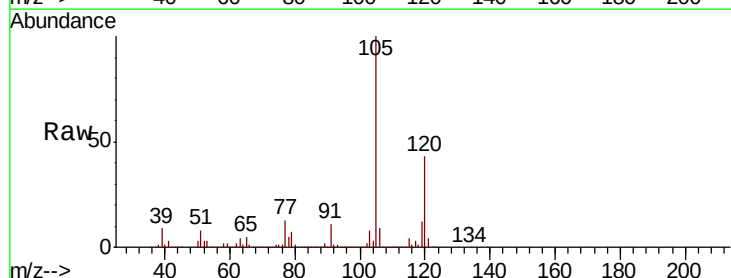
Instrument :
 MSVOA_N
 ClientSampled :
 EP1-PZ-W1-2

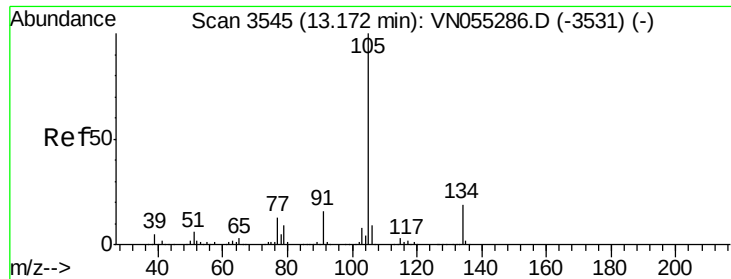
Tot Ion:119 Resp: 8343
 Ion Ratio Lower Upper
 119 100
 91 61.5 34.3 102.9
 134 25.7 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 69.354 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055435.D
 Acq: 7 May 2019 14:14

Tgt Ion:105 Resp: 940774
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.1 66.5





#85

sec-Butylbenzene

Concen: 2.749 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055435.D

Acq: 7 May 2019 14:14

Instrument :

MSVOA_N

ClientSampled :

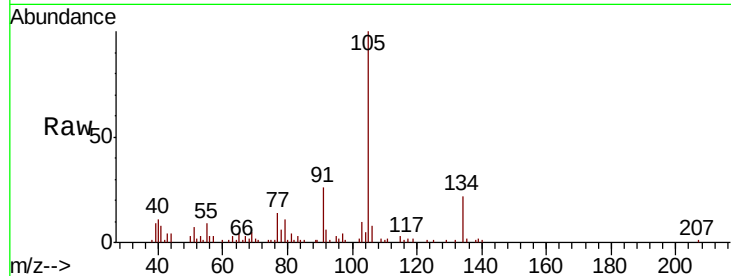
EP1-PZ-W1-2

Tot Ion:105 Resp: 45317

Ion Ratio Lower Upper

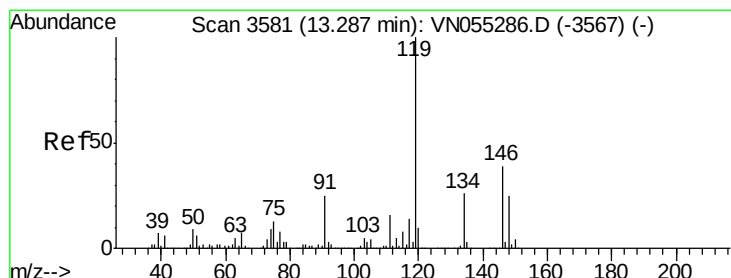
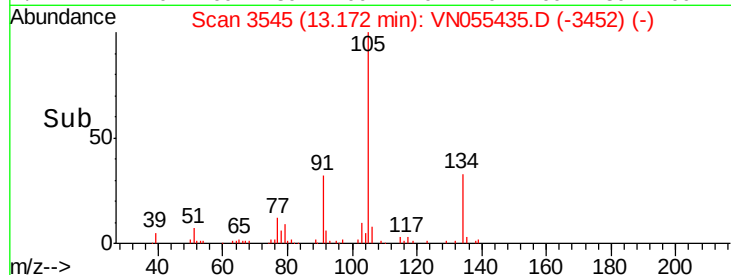
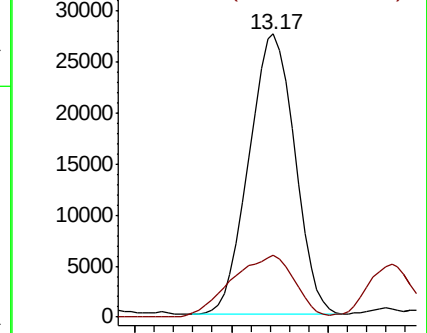
105 100

134 30.2 9.6 28.8#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 2.250 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055435.D

Acq: 7 May 2019 14:14

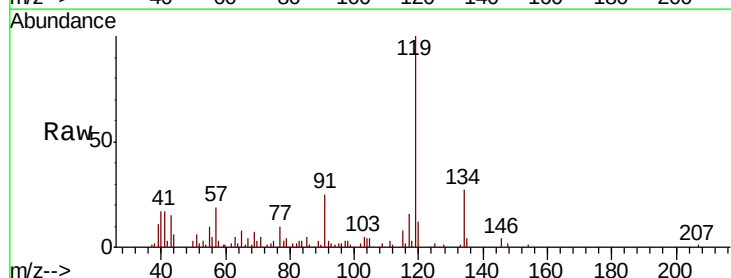
Tgt Ion:119 Resp: 30480

Ion Ratio Lower Upper

119 100

134 26.3 13.0 38.9

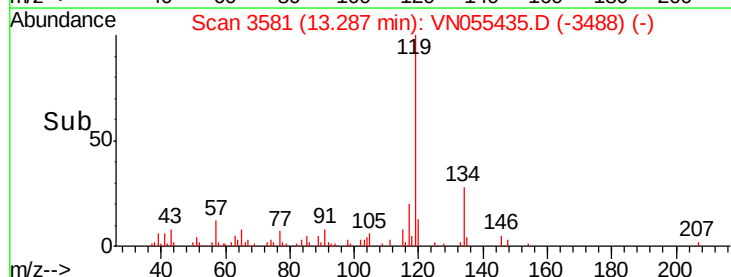
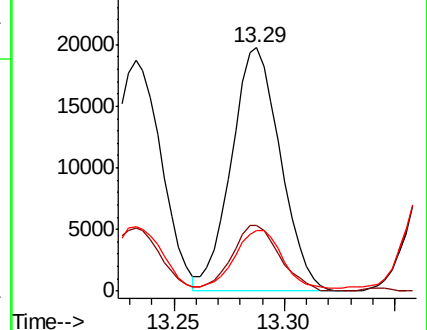
91 22.4 12.2 36.6

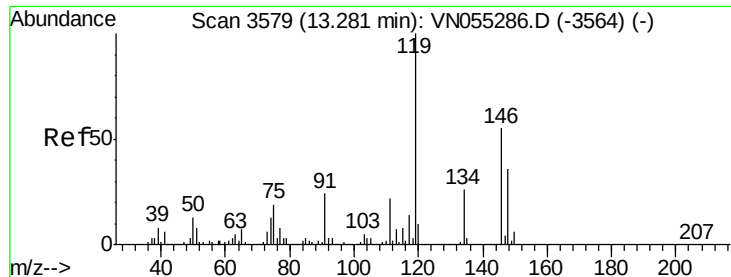


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 0.200 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. -0.00 min

Lab File: VN055435.D

Acq: 7 May 2019 14:14

Instrument :

MSVOA_N

ClientSampled :

EP1-PZ-W1-2

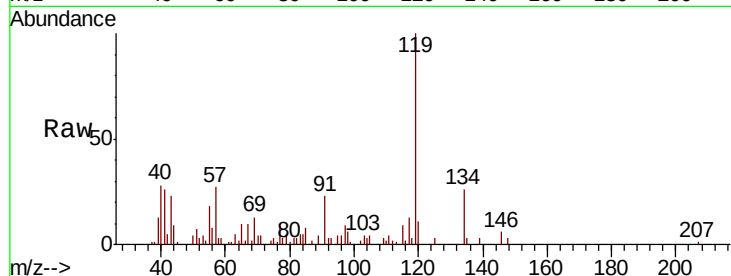
Tot Ion:146 Resp: 1296

Ion Ratio Lower Upper

146 100

111 61.3 20.3 60.8#

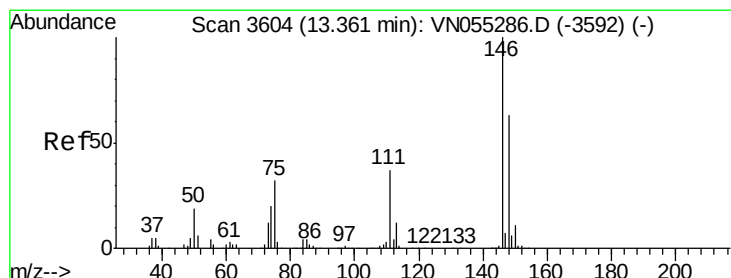
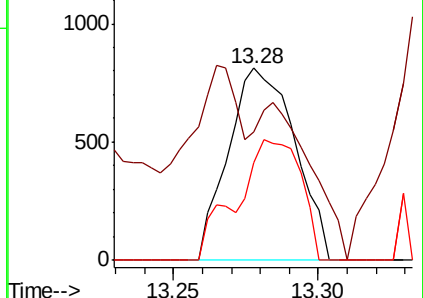
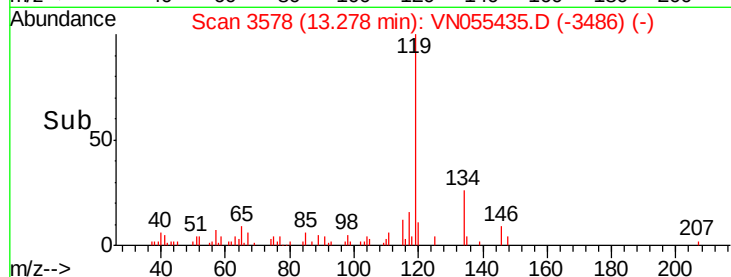
148 60.6 32.5 97.5



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



#88

1,4-Dichlorobenzene

Concen: 0.292 ug/l

RT: 13.37 min Scan# 3606

Delta R.T. 0.01 min

Lab File: VN055435.D

Acq: 7 May 2019 14:14

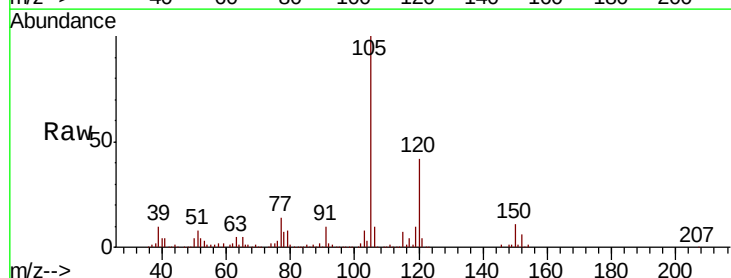
Tgt Ion:146 Resp: 1780

Ion Ratio Lower Upper

146 100

111 236.2 19.5 58.5#

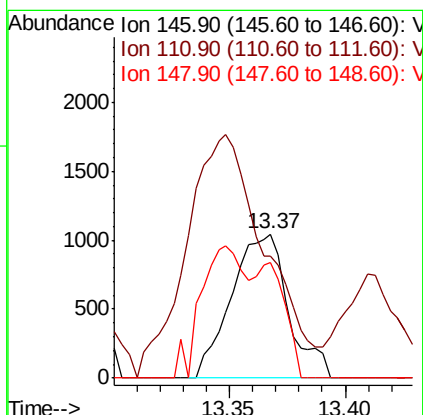
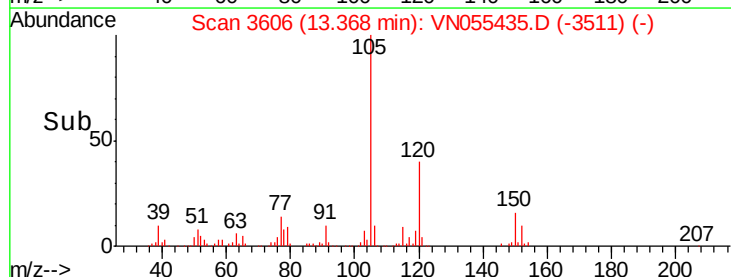
148 71.4 32.5 97.4

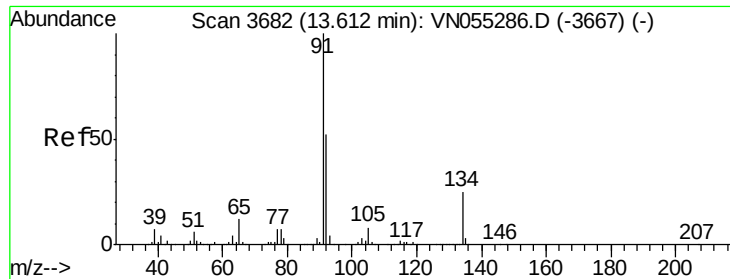


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 3.622 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055435.D

Acq: 7 May 2019 14:14

Instrument :

MSVOA_N

ClientSampled :

EP1-PZ-W1-2

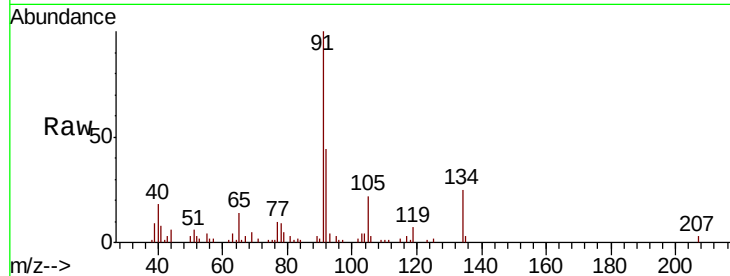
Tot Ion: 91 Resp: 34870

Ion Ratio Lower Upper

91 100

92 37.8 26.1 78.3

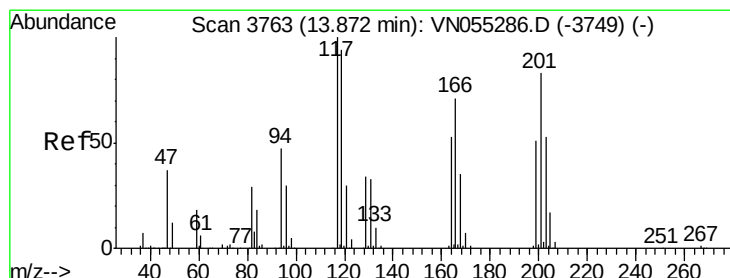
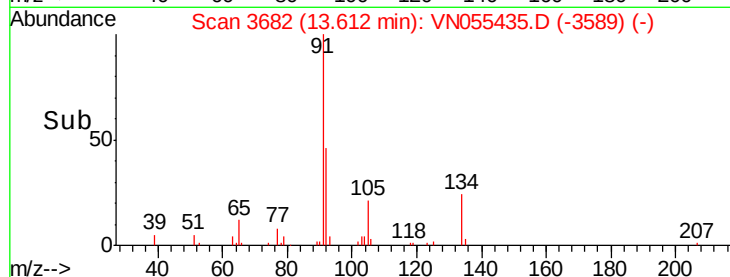
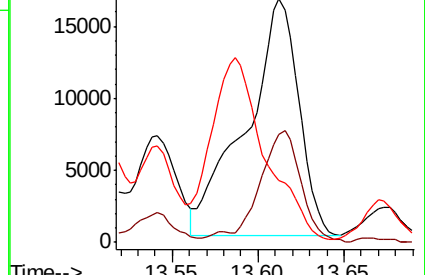
134 0.0 12.4 37.4#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 1.695 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN055435.D

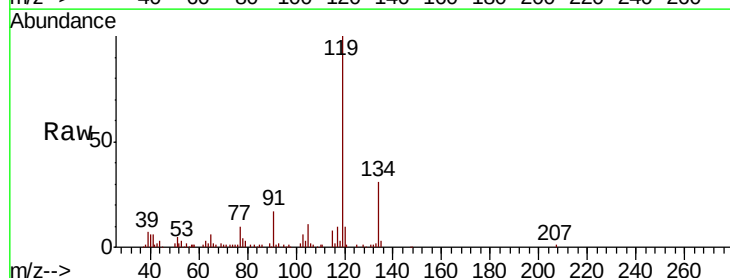
Acq: 7 May 2019 14:14

Tgt Ion: 117 Resp: 6902

Ion Ratio Lower Upper

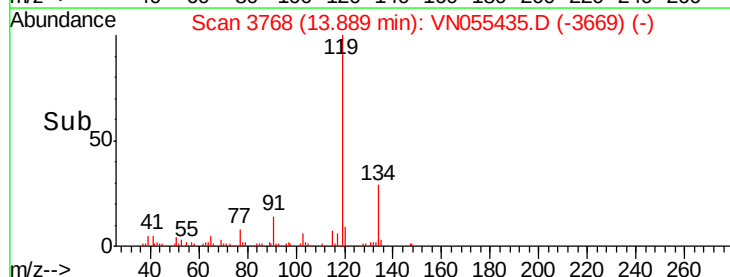
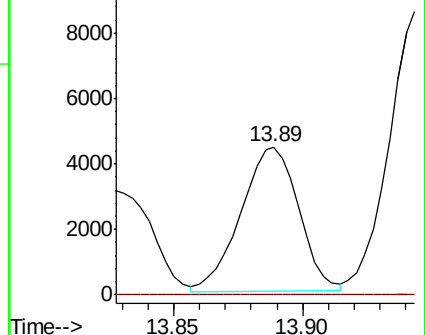
117 100

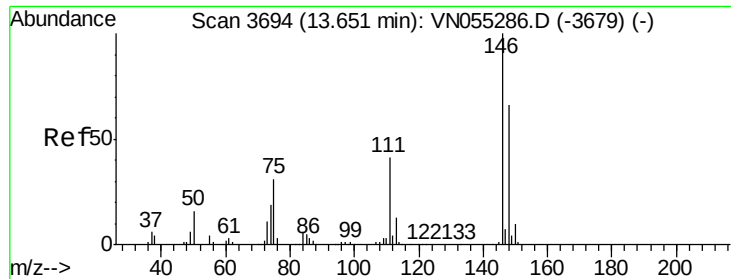
201 0.0 41.9 125.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 0.210 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN055435.D

Acq: 7 May 2019 14:14

Instrument :

MSVOA_N

ClientSampled :

EP1-PZ-W1-2

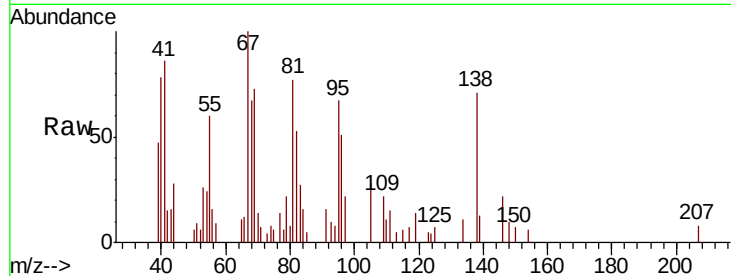
Tot Ion:146 Resp: 1348

Ion Ratio Lower Upper

146 100

111 32.4 20.3 61.0

148 47.0 32.4 97.2

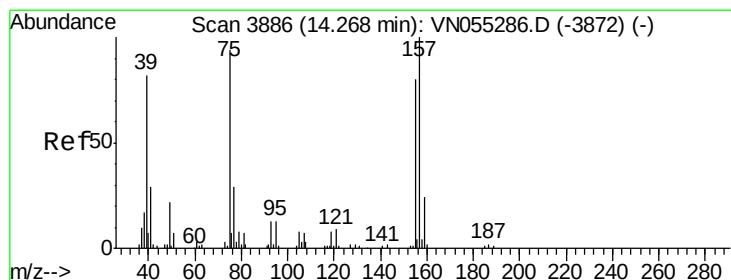
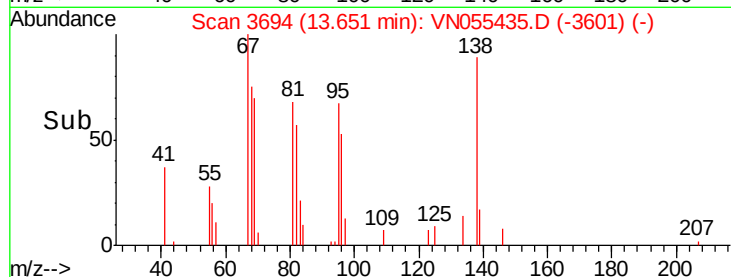
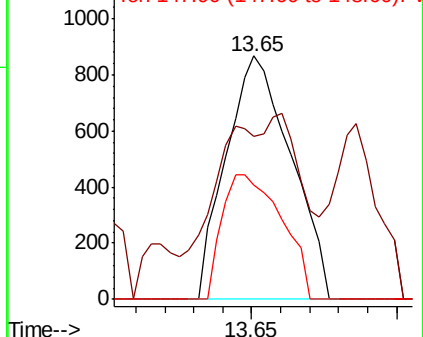


Abundance

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: 0.717 ug/l

RT: 14.25 min Scan# 3880

Delta R.T. -0.02 min

Lab File: VN055435.D

Acq: 7 May 2019 14:14

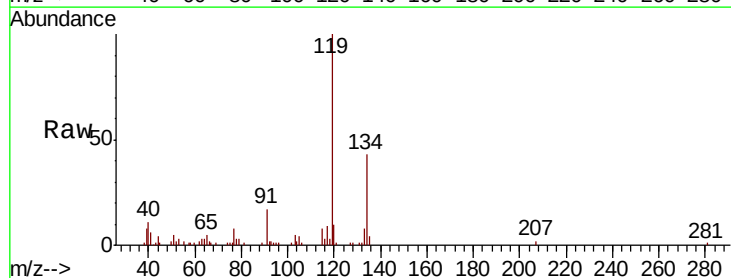
Tgt Ion: 75 Resp: 365

Ion Ratio Lower Upper

75 100

155 0.0 41.5 124.6#

157 0.0 54.0 162.2#

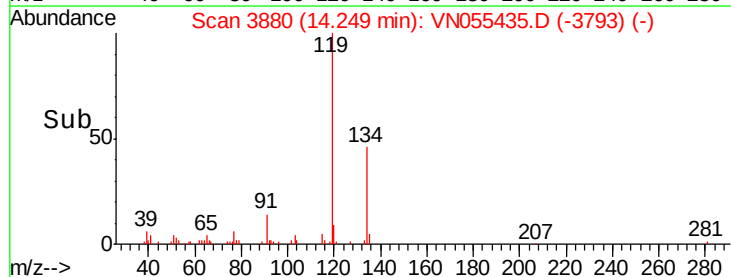
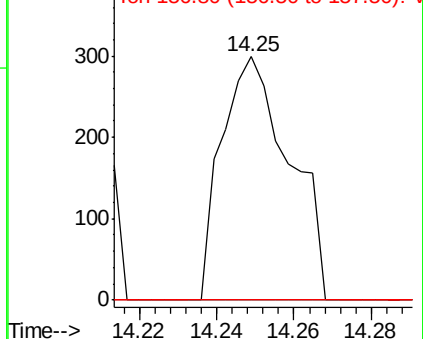


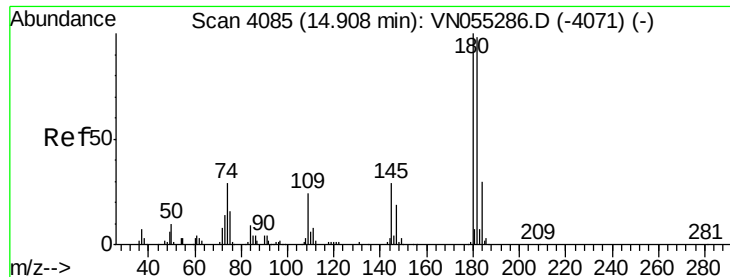
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

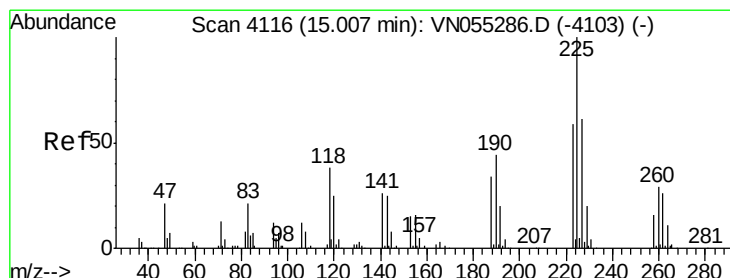
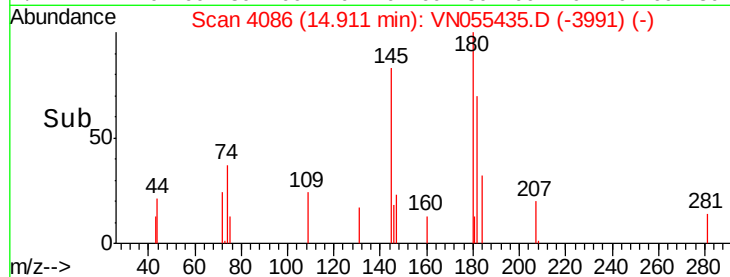
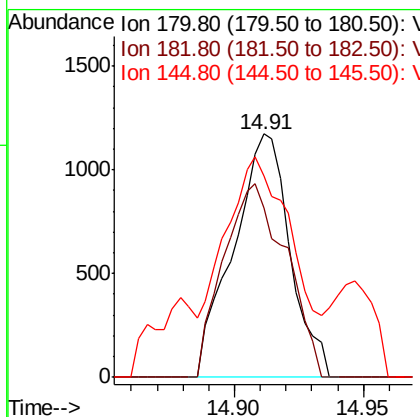
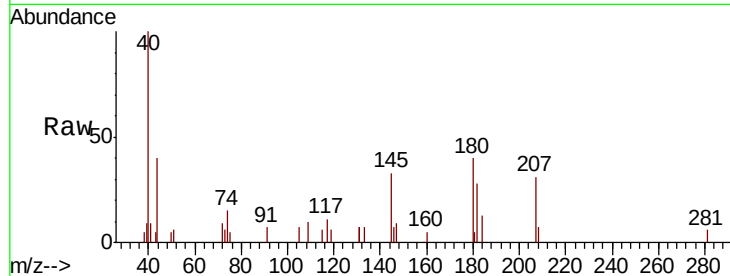




#93
 1,2,4-Trichlorobenzene
 Concen: 3.971 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN055435.D
 Acq: 7 May 2019 14:14

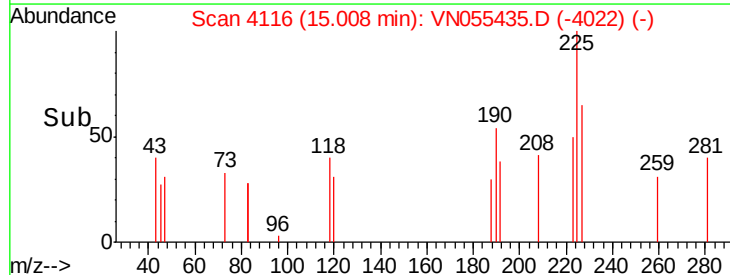
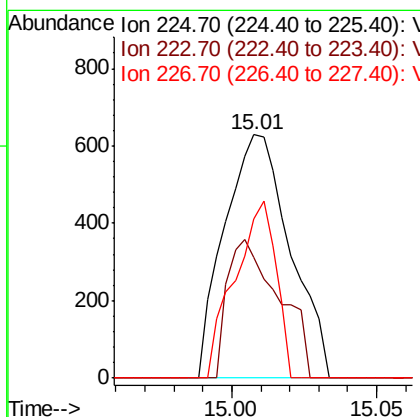
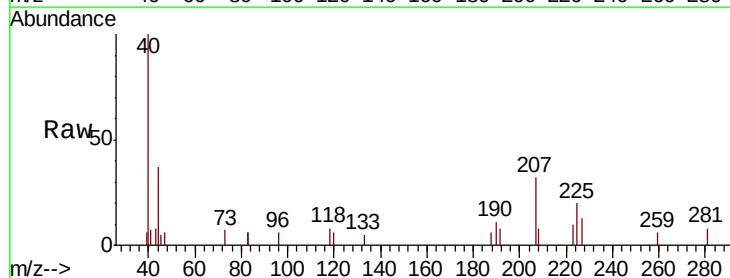
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-PZ-W1-2

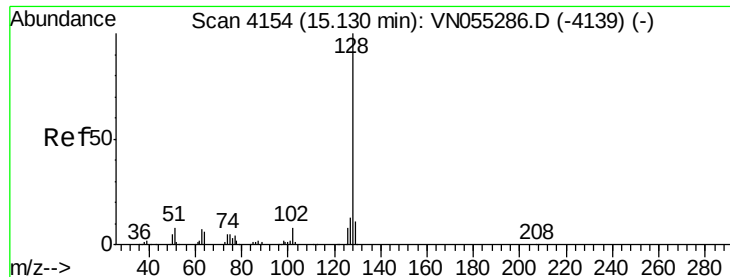
Tot Ion:180 Resp: 1788
 Ion Ratio Lower Upper
 180 100
 182 88.2 48.3 144.9
 145 111.6 14.2 42.6#



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055435.D
 Acq: 7 May 2019 14:14

Tgt Ion:225 Resp: 988
 Ion Ratio Lower Upper
 225 100
 223 44.6 30.3 90.8
 227 45.9 30.9 92.7





#95

Naphthalene

Concen: 6.637 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055435.D

Acq: 7 May 2019 14:14

Instrument :

MSVOA_N

ClientSampled :

EP1-PZ-W1-2

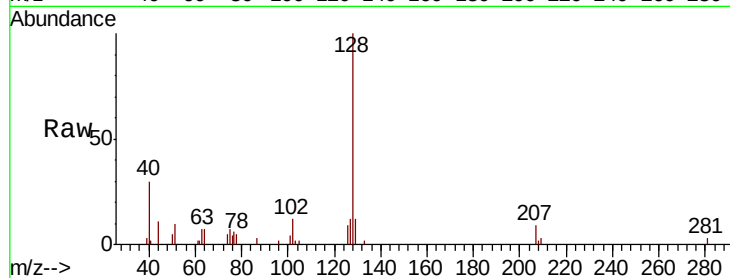
Tot Ion:128 Resp: 19063

Ion Ratio Lower Upper

128 100

127 11.6 10.7 16.1

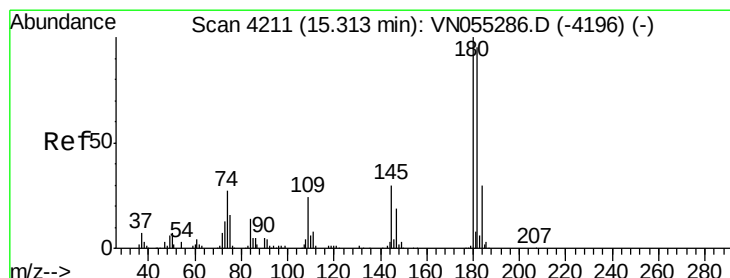
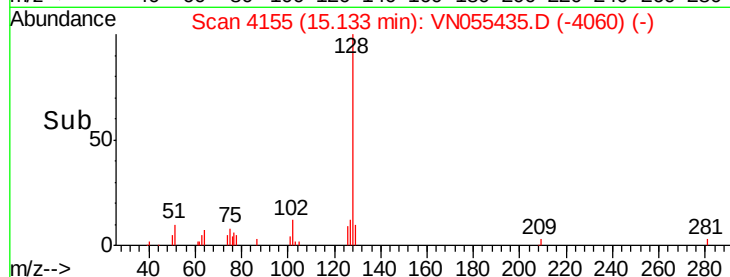
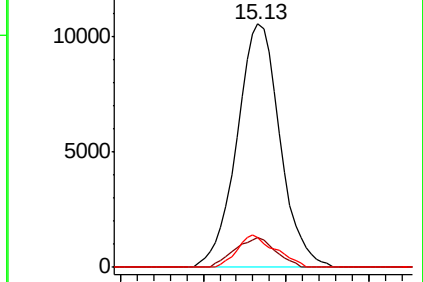
129 11.8 8.6 13.0



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: 3.467 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN055435.D

Acq: 7 May 2019 14:14

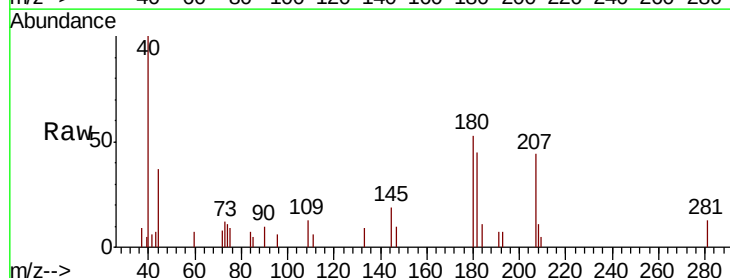
Tgt Ion:180 Resp: 2246

Ion Ratio Lower Upper

180 100

182 97.2 48.3 144.9

145 27.6 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

