

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050719\
 Data File : VN055445.D
 Acq On : 7 May 2019 18:25
 Operator : JC/SP
 Sample : K2658-22DL 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-PZ-W4-5DL

Quant Time: May 08 05:51:33 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	496891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	768526	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	615189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	199292	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	315954	48.60	ug/l	0.00
Spiked Amount			Recovery	=	97.20%	
35) Dibromofluoromethane	7.60	113	241633	47.90	ug/l	0.00
Spiked Amount			Recovery	=	95.80%	
50) Toluene-d8	10.09	98	892233	48.98	ug/l	0.00
Spiked Amount			Recovery	=	97.96%	
62) 4-Bromofluorobenzene	12.40	95	265922	46.71	ug/l	0.00
Spiked Amount			Recovery	=	93.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2410	0.320	ug/l	100
11) Tert butyl alcohol	4.77	59	103	0.277	ug/l #	73
13) Acrolein	3.61	56	113	0.389	ug/l #	14
16) Acetone	3.82	43	1721	0.850	ug/l	96
17) Carbon Disulfide	4.06	76	12103	0.945	ug/l #	90
18) Methyl Acetate	4.32	43	555	Below Cal	#	57
29) Tetrahydrofuran	7.22	42	1666	1.004	ug/l #	65
31) Cyclohexane	7.67	56	11262	1.101	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	39572	5.376	ug/l #	50
38) Carbon Tetrachloride	7.67	117	47956	6.753	ug/l #	15
41) Methacrylonitrile	7.22	41	1189	1.124	ug/l #	34
43) Isopropyl Acetate	8.24	43	8341	0.920	ug/l #	56
51) 4-Methyl-2-Pentanone	9.98	43	1111	0.218	ug/l #	54
67) Ethyl Benzene	11.52	91	11794	0.543	ug/l	92
68) m/p-Xylenes	11.63	106	2179	0.281	ug/l	98
69) o-Xylene	11.95	106	2276	0.296	ug/l	94
71) Bromoform	12.39	173	552	0.211	ug/l #	29
73) Isopropylbenzene	12.25	105	24635	Below Cal		95
75) 1,1,2,2-Tetrachloroethane	12.50	83	925	Below Cal	#	44
76) 1,2,3-Trichloropropane	12.40	75	139430	36.984	ug/l #	100
77) Bromobenzene	12.53	156	654	Below Cal		63
78) n-propylbenzene	12.59	91	40541	1.980	ug/l	99
79) 2-Chlorotoluene	12.67	91	2696	Below Cal		77
80) 1,3,5-Trimethylbenzene	12.73	105	183013	11.714	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	139430	132.584	ug/l #	7
82) 4-Chlorotoluene	12.67	91	2696	0.227	ug/l	77
83) tert-Butylbenzene	12.99	119	20916	Below Cal		96
84) 1,2,4-Trimethylbenzene	13.04	105	427214	30.574	ug/l	100
85) sec-Butylbenzene	13.17	105	78698	4.634	ug/l	85
86) p-Isopropyltoluene	13.29	119	14672	1.051	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	1867	0.280	ug/l #	83
88) 1,4-Dichlorobenzene	13.37	146	2591	0.413	ug/l #	25
89) n-Butylbenzene	13.58	91	18416	1.857	ug/l #	1
90) Hexachloroethane	13.89	117	10899	3.465	ug/l #	8

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050719\
 Data File : VN055445.D
 Acq On : 7 May 2019 18:25
 Operator : JC/SP
 Sample : K2658-22DL 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-PZ-W4-5DL

Quant Time: May 08 05:51:33 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

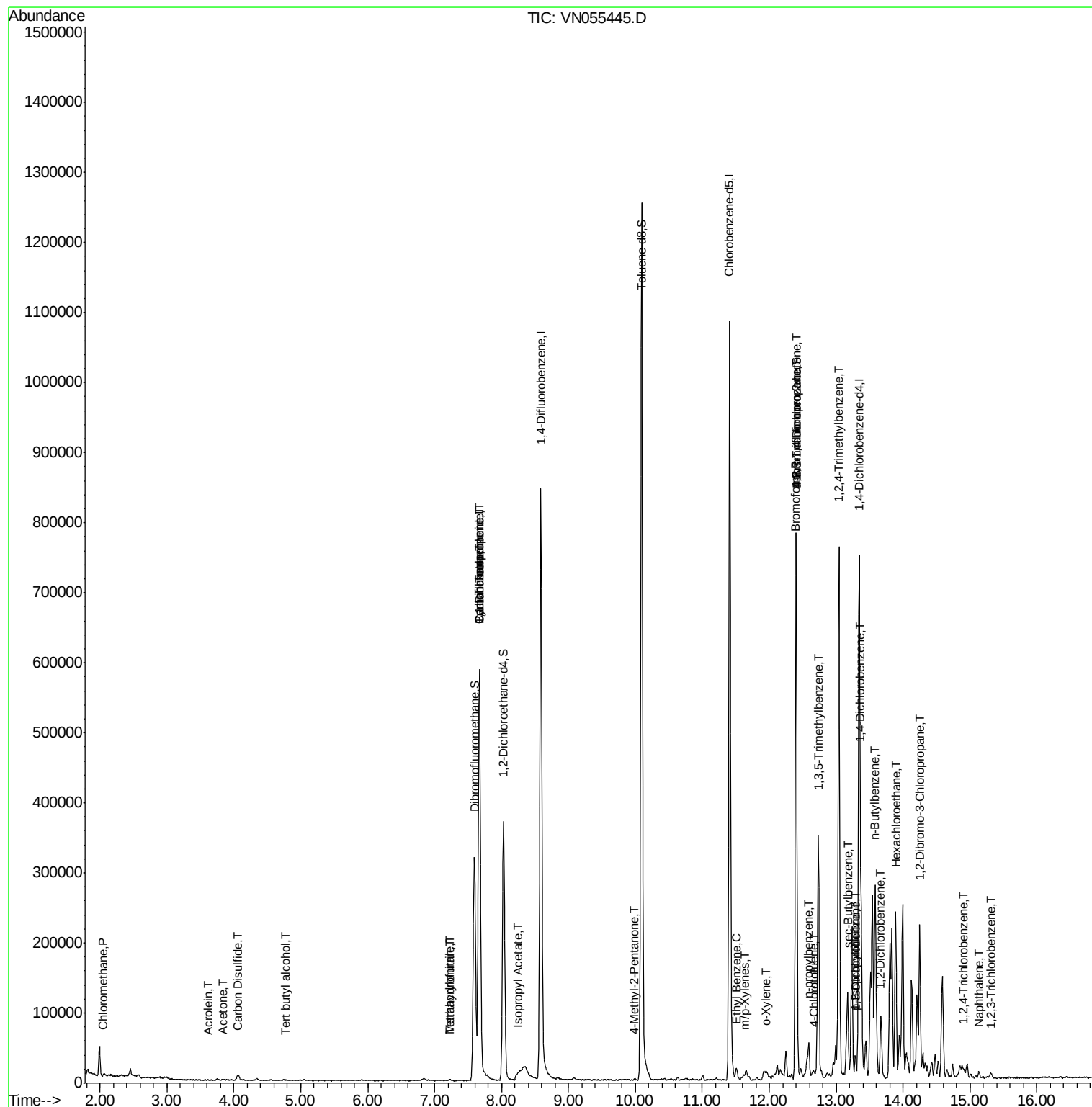
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	13.65	146	1686	0.255	uq/l	90
92) 1,2-Dibromo-3-Chloropropan	14.25	75	1095	2.088	uq/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	2656	4.262	uq/l #	47
94) Hexachlorobutadiene	15.01	225	1423	Below Cal		96
95) Naphthalene	15.13	128	7714	4.628	uq/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	2910	3.687	uq/l	93

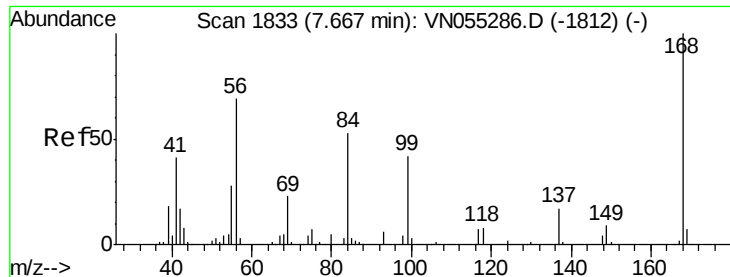
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050719\
Data File : VN055445.D
Acq On : 7 May 2019 18:25
Operator : JC/SP
Sample : K2658-22DL 5X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EP1-PZ-W4-5DL

Quant Time: May 08 05:51:33 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: VN055445.D

Acq: 7 May 2019 18:25

Instrument :

MSVOA_N

ClientSampleId :

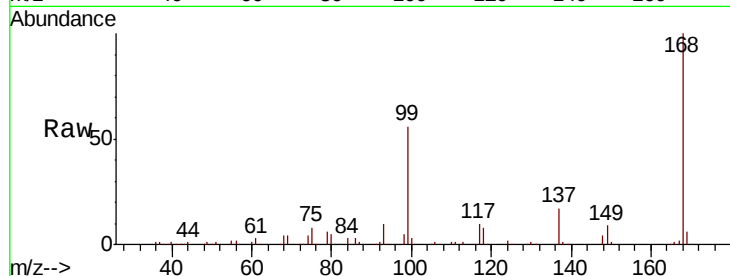
EP1-PZ-W4-5DL

Tot Ion:168 Resp: 496891

Ion Ratio Lower Upper

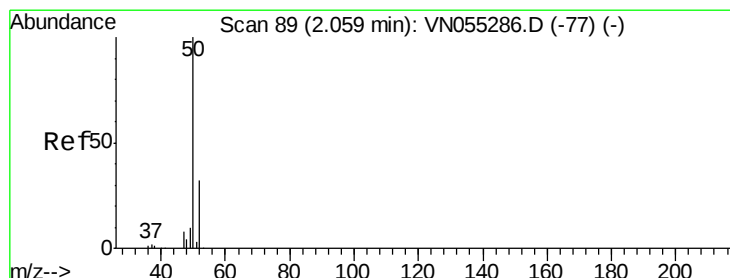
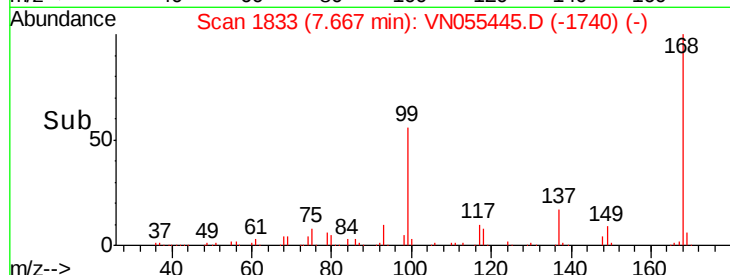
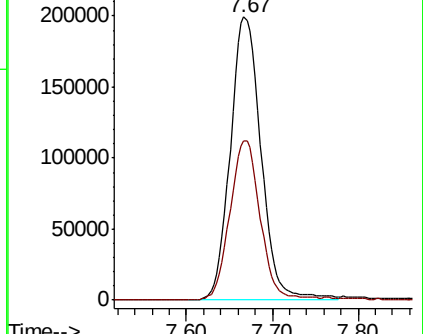
168 100

99 56.3 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#3

Chloromethane

Concen: 0.320 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN055445.D

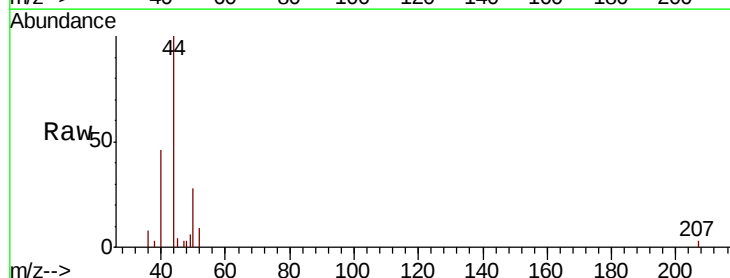
Acq: 7 May 2019 18:25

Tgt Ion: 50 Resp: 2410

Ion Ratio Lower Upper

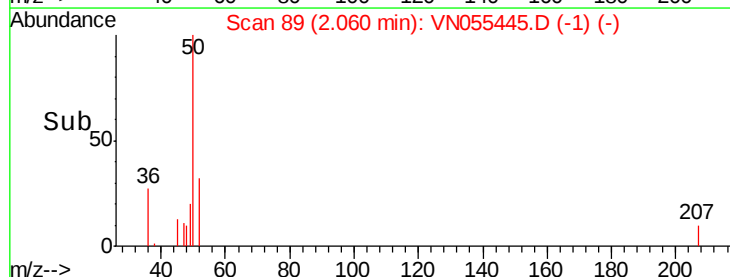
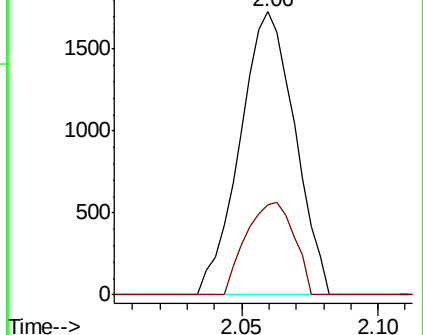
50 100

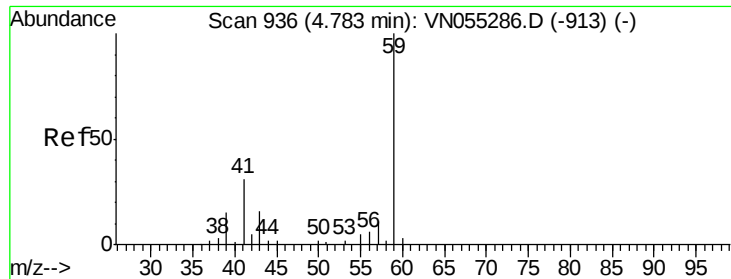
52 31.8 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



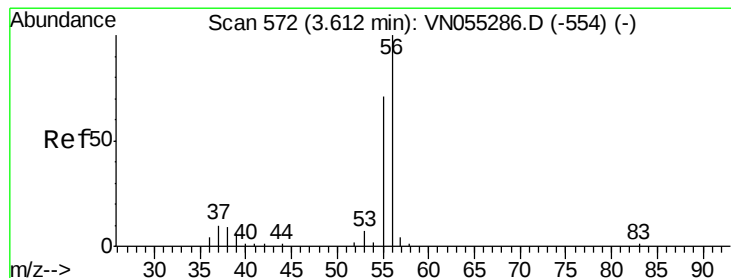
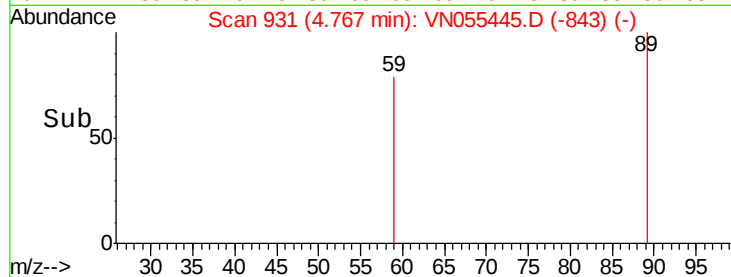
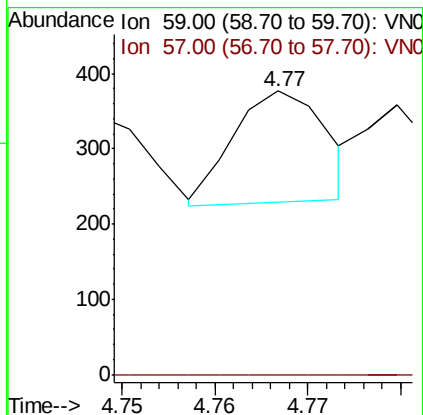
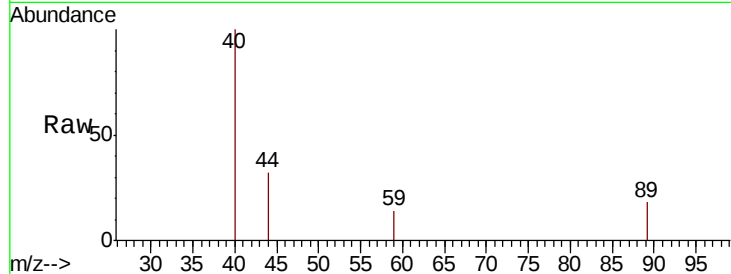


#11

Tert butyl alcohol
 Concen: 0.277 ug/l
 RT: 4.77 min Scan# 931
 Delta R.T. -0.02 min
 Lab File: VN055445.D
 Acq: 7 May 2019 18:25

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-PZ-W4-5DL

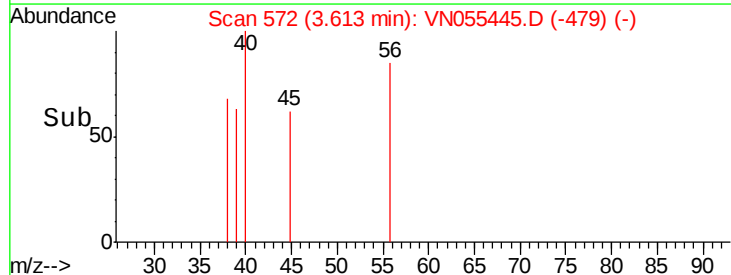
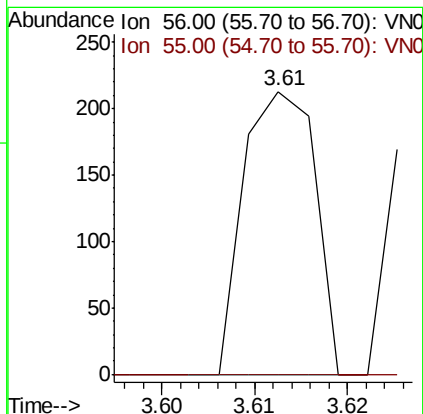
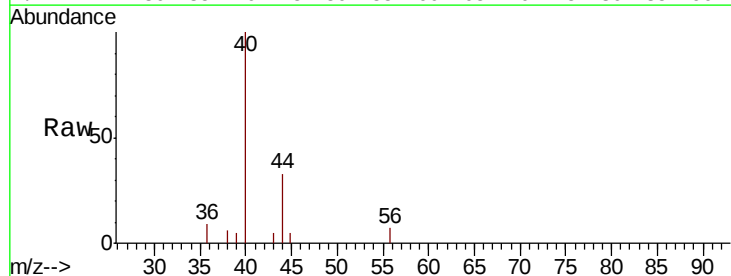
Tot Ion: 59 Resp: 103
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.2#

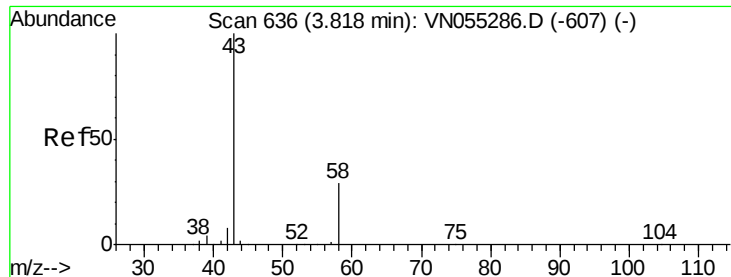


#13

Acrolein
 Concen: 0.389 ug/l
 RT: 3.61 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: VN055445.D
 Acq: 7 May 2019 18:25

Tgt Ion: 56 Resp: 113
 Ion Ratio Lower Upper
 56 100
 55 0.0 57.4 86.2#





#16

Acetone

Concen: 0.850 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN055445.D

Acq: 7 May 2019 18:25

Instrument :

MSVOA_N

ClientSampleId :

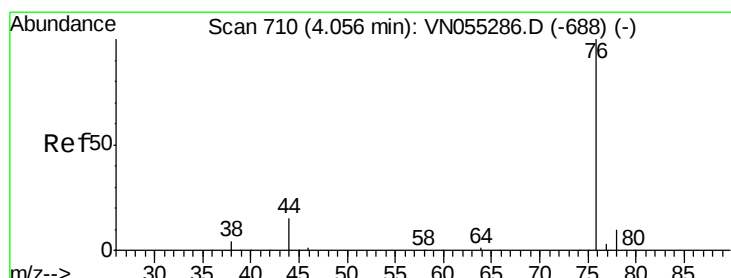
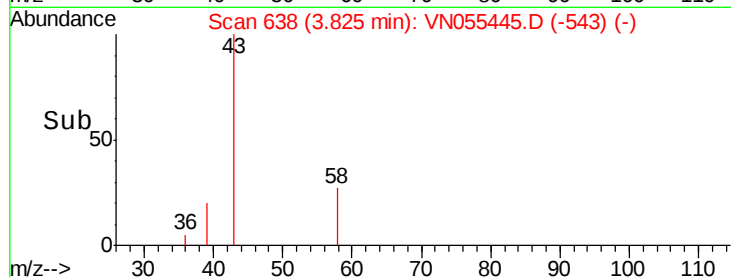
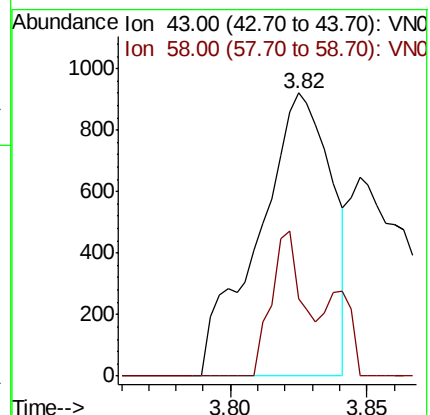
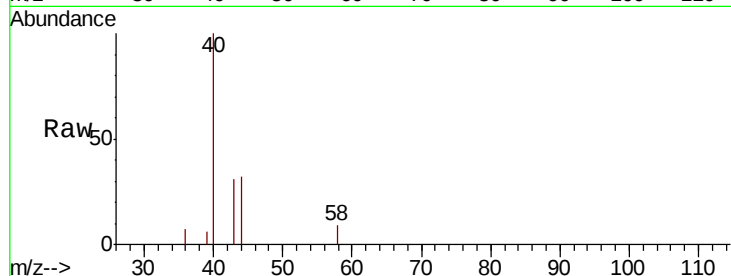
EP1-PZ-W4-5DL

Tot Ion: 43 Resp: 1721

Ion Ratio Lower Upper

43 100

58 27.5 23.6 35.4



#17

Carbon Disulfide

Concen: 0.945 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.00 min

Lab File: VN055445.D

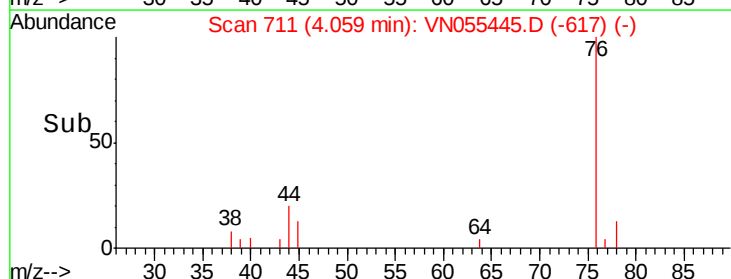
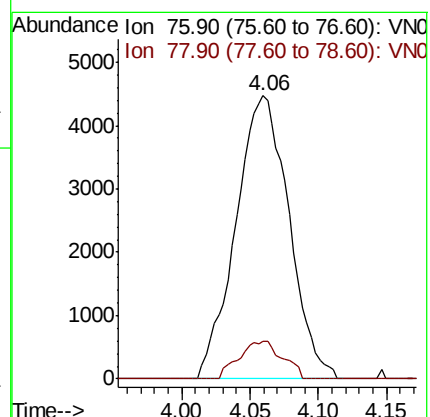
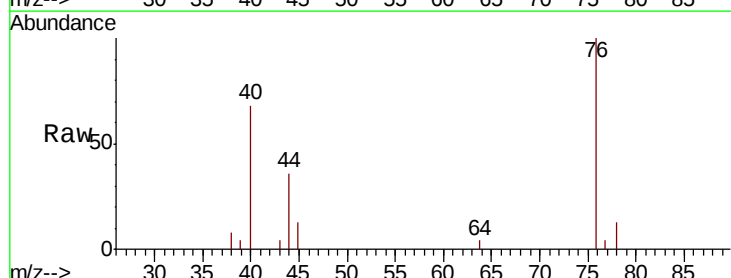
Acq: 7 May 2019 18:25

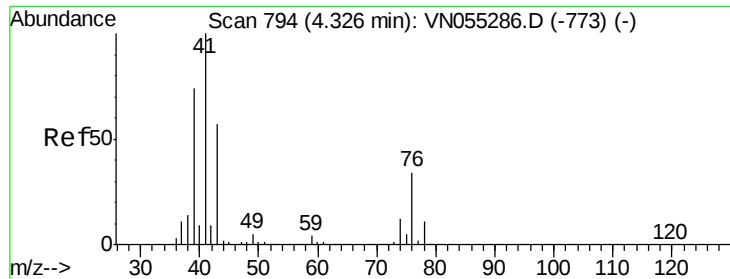
Tgt Ion: 76 Resp: 12103

Ion Ratio Lower Upper

76 100

78 13.1 7.6 11.4#

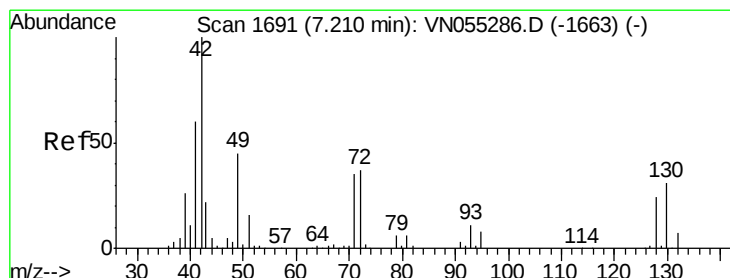
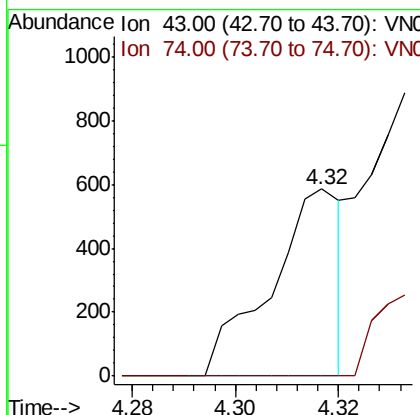
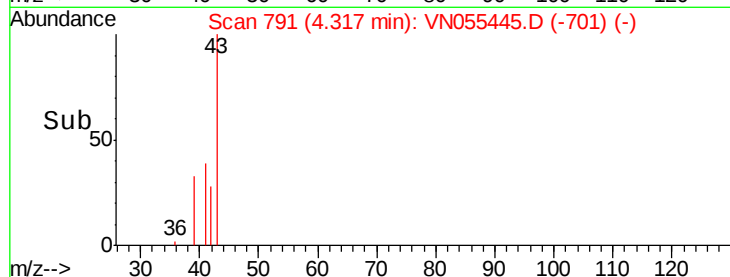
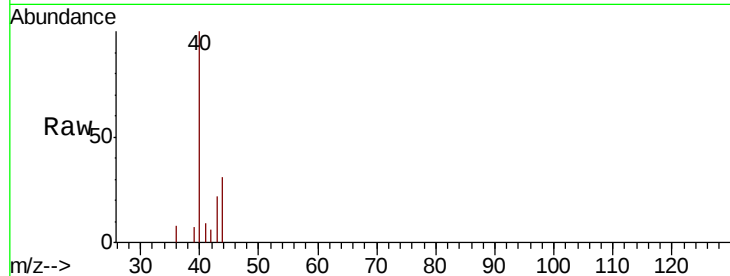




#18
Methvl Acetate
Concen: Below Cal
RT: 4.32 min Scan# 791
Delta R.T. -0.01 min
Lab File: VN055445.D
Acq: 7 May 2019 18:25

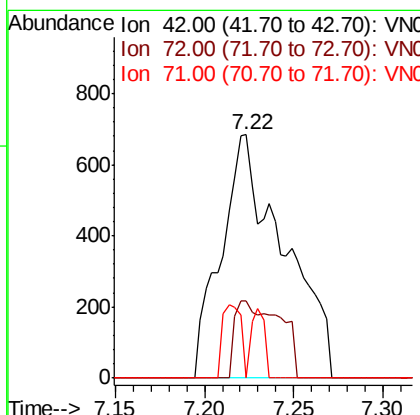
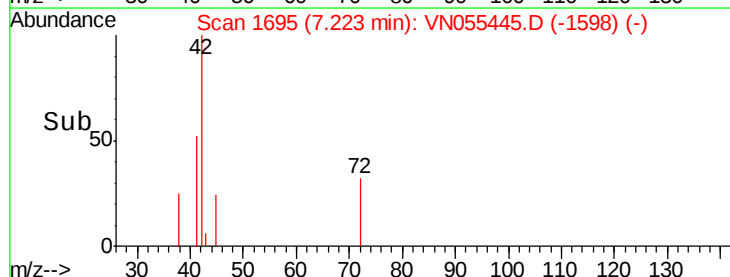
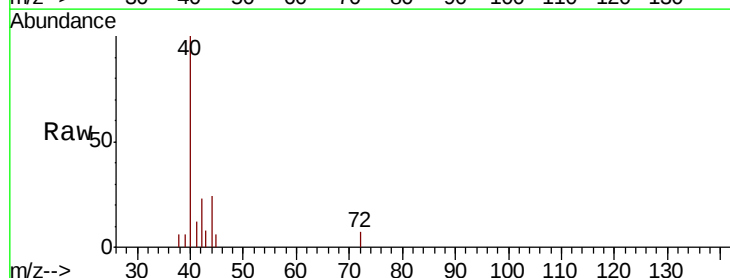
Instrument :
MSVOA_N
ClientSampleId :
EP1-PZ-W4-5DL

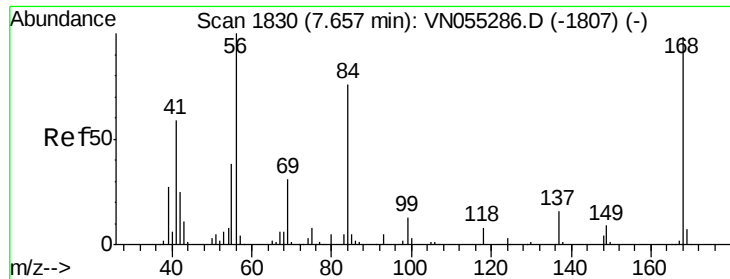
Tot Ion: 43 Resp: 555
Ion Ratio Lower Upper
43 100
74 0.0 15.8 23.8#



#29
Tetrahydrofuran
Concen: 1.004 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.01 min
Lab File: VN055445.D
Acq: 7 May 2019 18:25

Tgt Ion: 42 Resp: 1666
Ion Ratio Lower Upper
42 100
72 23.1 29.0 43.6#
71 6.0 27.1 40.7#

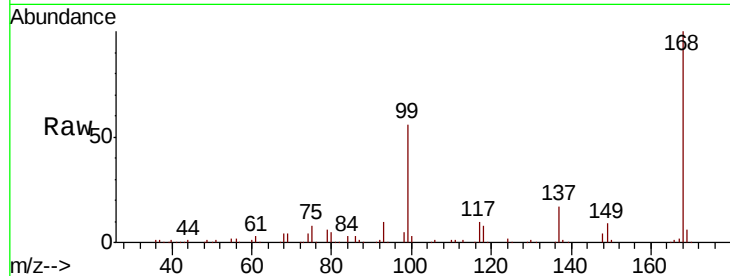




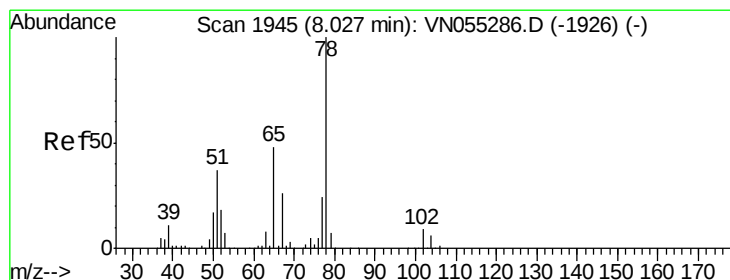
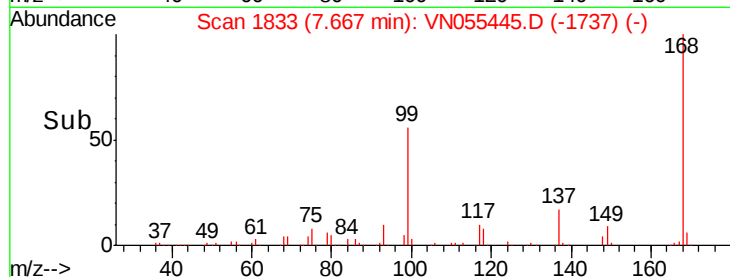
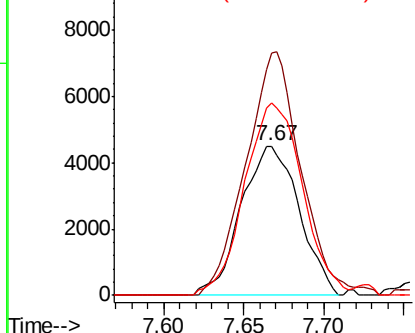
#31
Cyclohexane
Concen: 1.101 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN055445.D
Acq: 7 May 2019 18:25

Instrument :
MSVOA_N
ClientSampleId :
EP1-PZ-W4-5DL

Tot Ion: 56 Resp: 11262
Ion Ratio Lower Upper
56 100
69 162.5 25.2 37.8#
84 129.3 61.1 91.7#

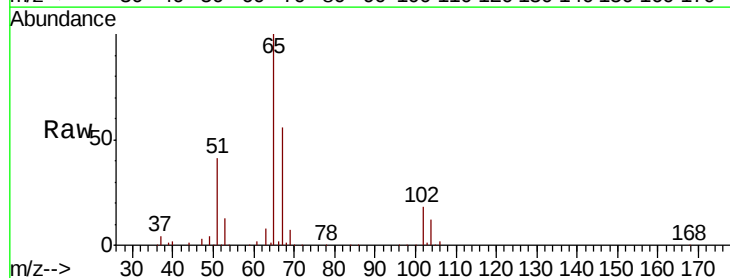


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

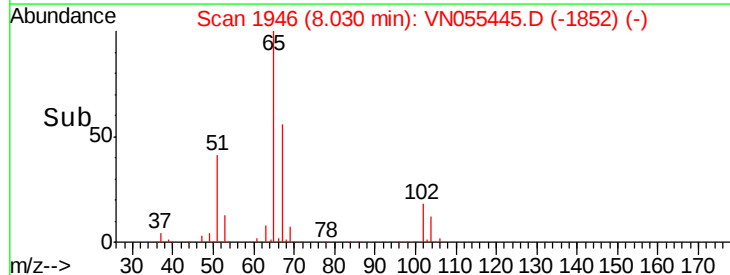
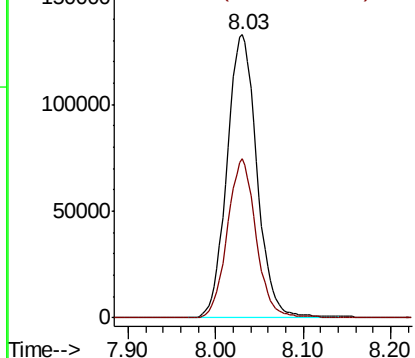


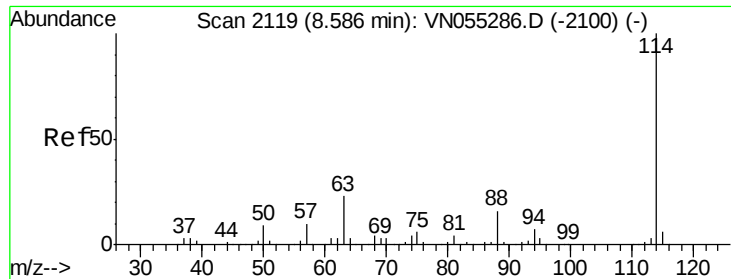
#33
1,2-Dichloroethane-d4
Concen: 48.605 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN055445.D
Acq: 7 May 2019 18:25

Tgt Ion: 65 Resp: 315954
Ion Ratio Lower Upper
65 100
67 53.9 0.0 106.8



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

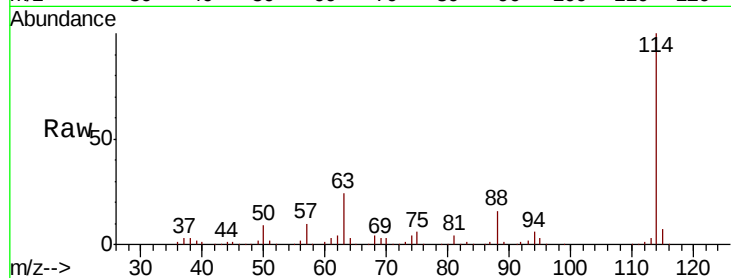




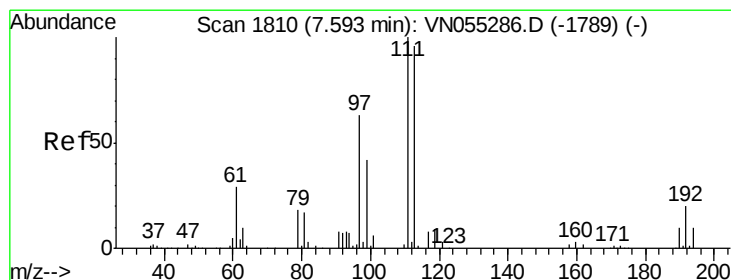
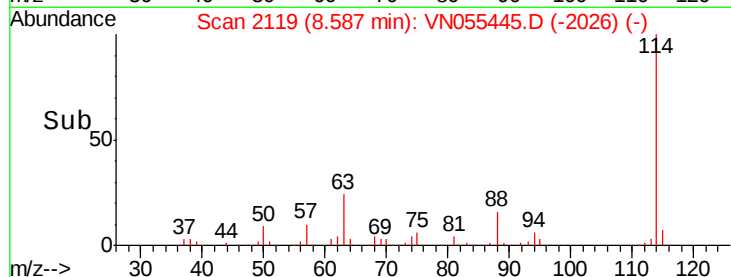
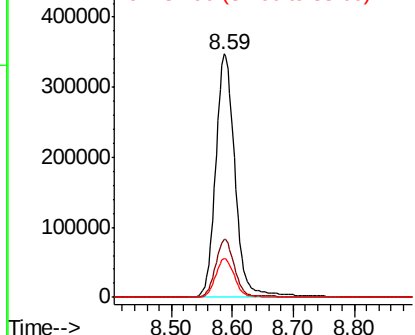
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055445.D
 Acq: 7 May 2019 18:25

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-PZ-W4-5DL

Tot Ion:114 Resp: 768526
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 45.2
 88 16.0 0.0 31.6

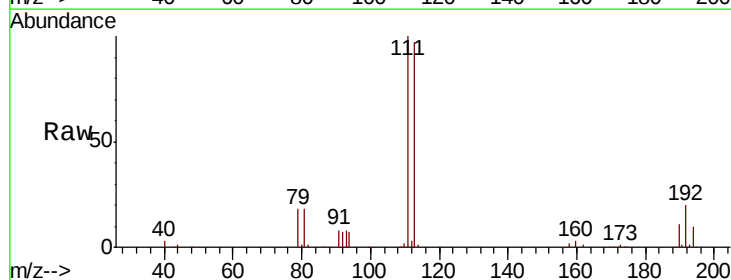


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

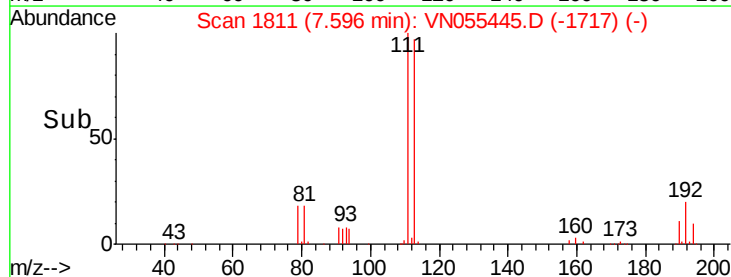
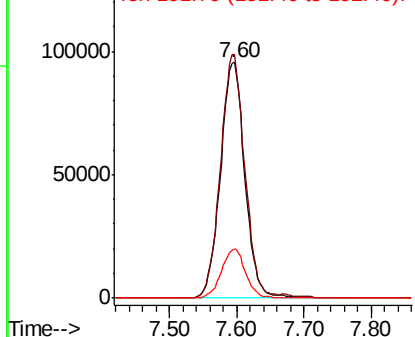


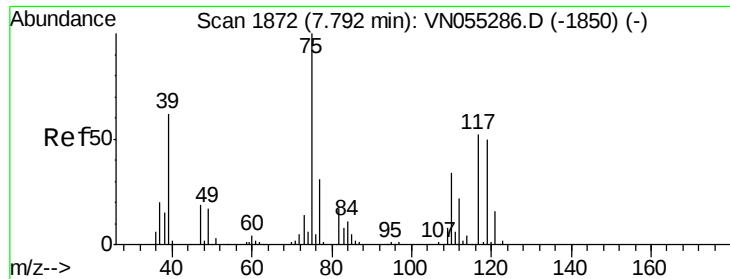
#35
 Dibromofluoromethane
 Concen: 47.902 ug/l
 RT: 7.60 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VN055445.D
 Acq: 7 May 2019 18:25

Tgt Ion:113 Resp: 241633
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.3 123.5
 192 20.5 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

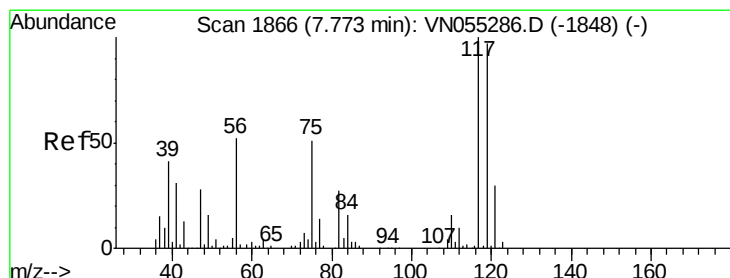
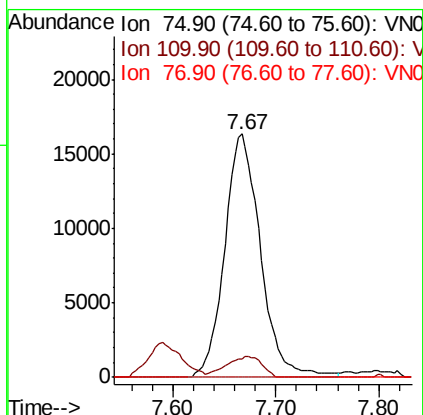
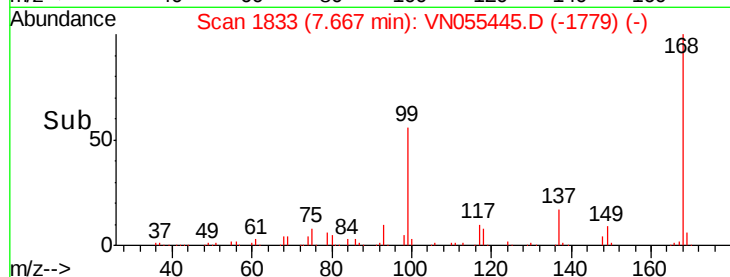
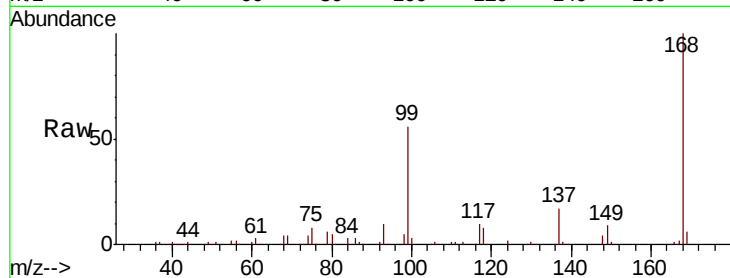




#36
 1,1-Dichloropropene
 Concen: 5.376 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN055445.D
 Acq: 7 May 2019 18:25

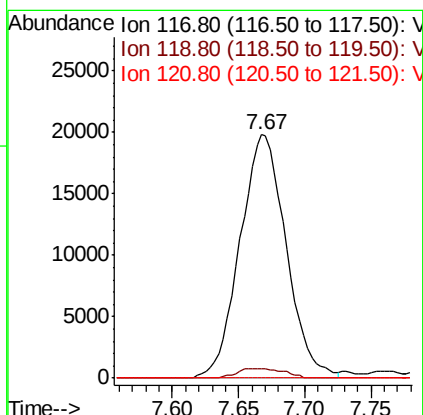
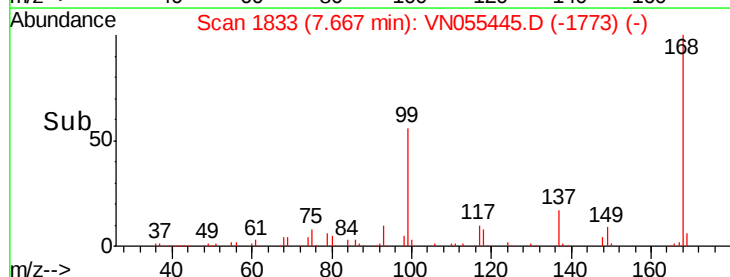
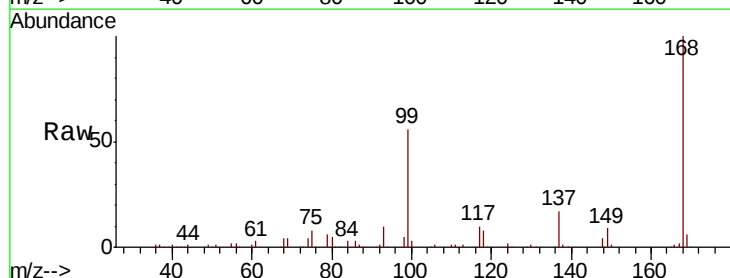
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-PZ-W4-5DL

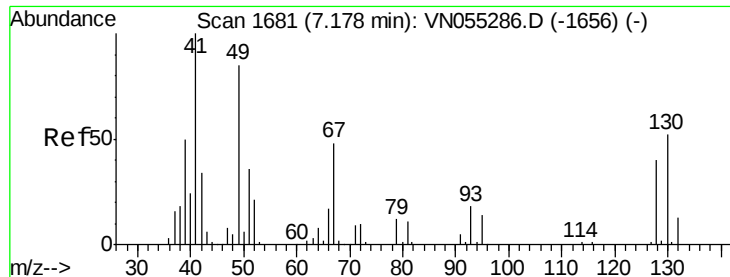
Tot Ion: 75 Resp: 39572
 Ion Ratio Lower Upper
 75 100
 110 8.5 16.8 50.4#
 77 0.0 25.0 37.6#



#38
 Carbon Tetrachloride
 Concen: 6.753 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN055445.D
 Acq: 7 May 2019 18:25

Tgt Ion: 117 Resp: 47956
 Ion Ratio Lower Upper
 117 100
 119 4.0 77.0 115.6#
 121 0.0 23.8 35.8#





#41

Methacrylonitrile

Concen: 1.124 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. 0.04 min

Lab File: VN055445.D

Acq: 7 May 2019 18:25

Instrument :

MSVOA_N

ClientSampleId :

EP1-PZ-W4-5DL

Tot Ion: 41 Resp: 1189

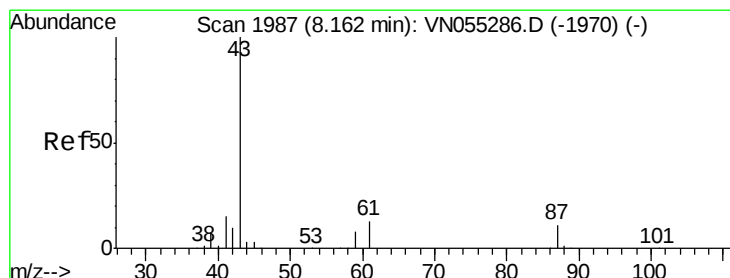
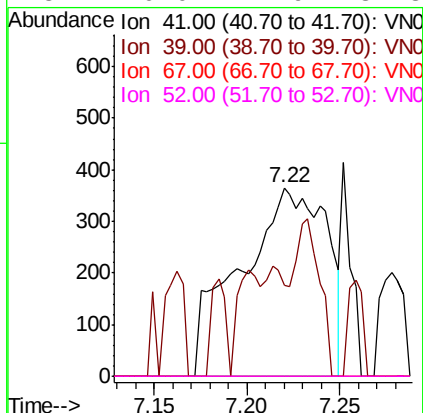
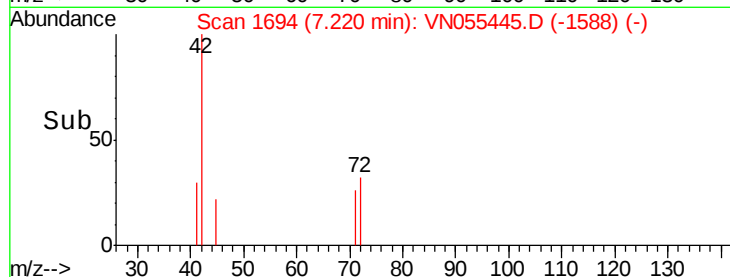
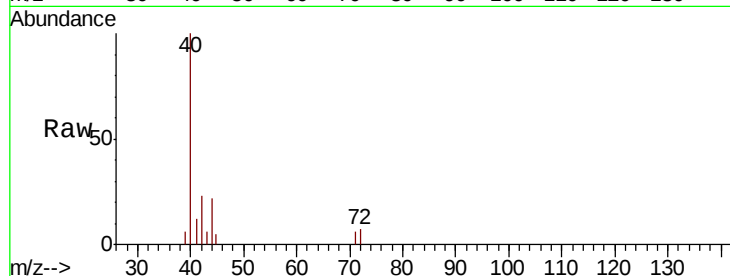
Ion Ratio Lower Upper

41 100

39 22.7 48.5 72.7#

67 0.0 54.9 82.3#

52 0.0 24.9 37.3#



#43

Isopropyl Acetate

Concen: 0.920 ug/l

RT: 8.24 min Scan# 2012

Delta R.T. 0.08 min

Lab File: VN055445.D

Acq: 7 May 2019 18:25

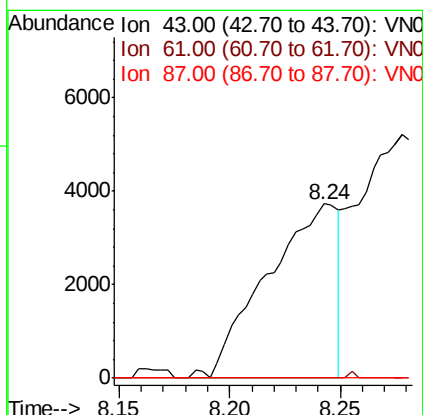
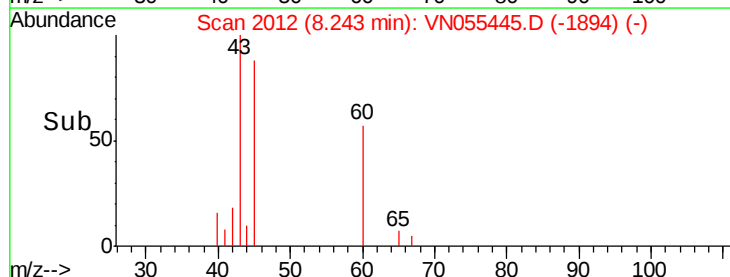
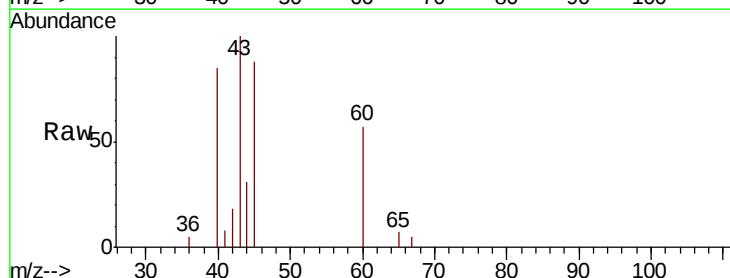
Tgt Ion: 43 Resp: 8341

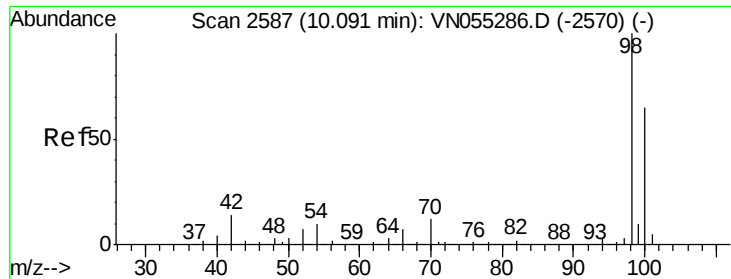
Ion Ratio Lower Upper

43 100

61 0.0 20.8 31.2#

87 0.0 8.5 12.7#





#50

Toluene-d8

Concen: 48.985 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055445.D

Acq: 7 May 2019 18:25

Instrument :

MSVOA_N

ClientSampled :

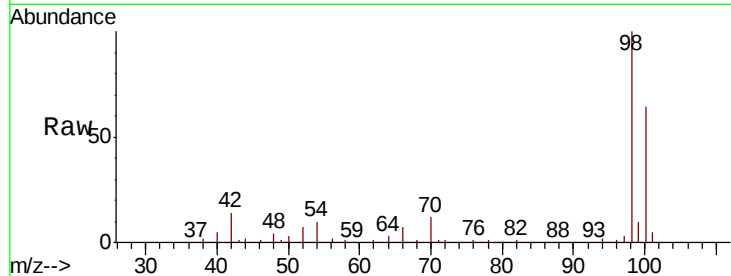
EP1-PZ-W4-5DL

Tot Ion: 98 Resp: 892233

Ion Ratio Lower Upper

98 100

100 63.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

500000

400000

300000

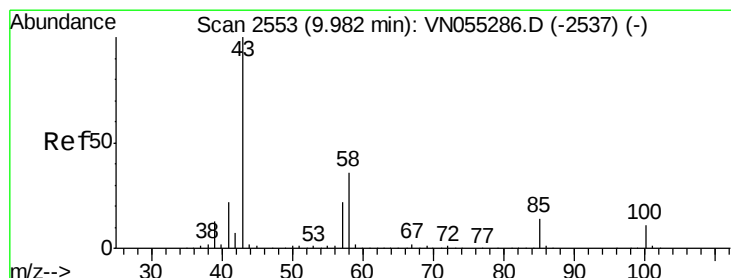
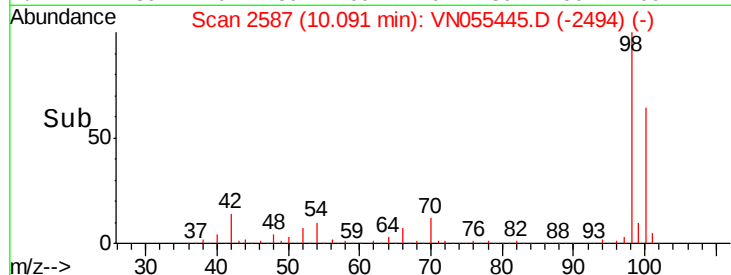
200000

100000

0

Time-->

10.00 10.10 10.20 10.30



#51

4-Methyl-2-Pentanone

Concen: 0.218 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN055445.D

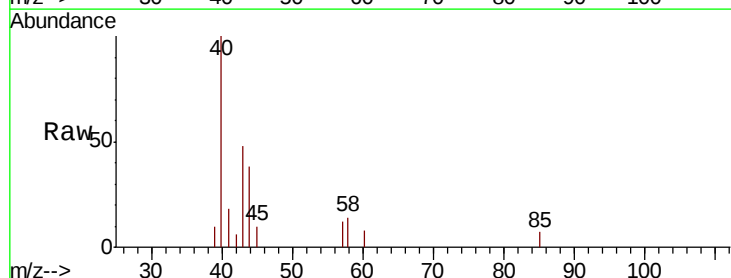
Acq: 7 May 2019 18:25

Tgt Ion: 43 Resp: 1111

Ion Ratio Lower Upper

43 100

58 62.7 28.5 42.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.98

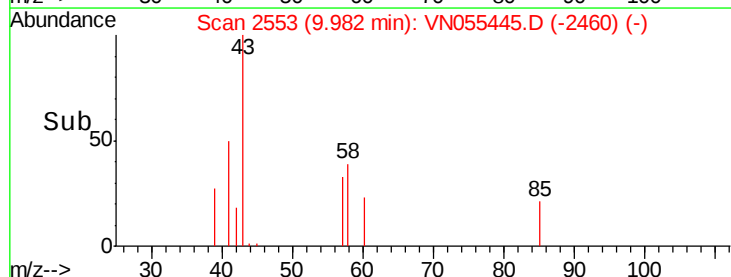
1000

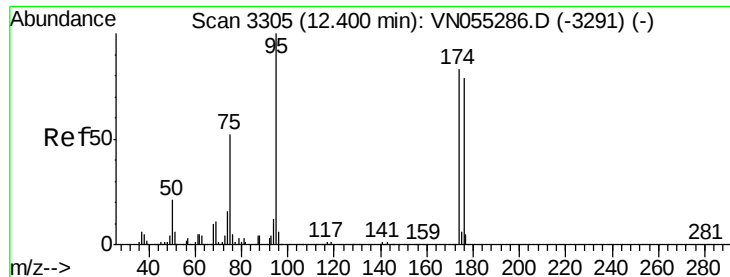
500

0

Time-->

9.96 9.98 10.00





#62

4-Bromofluorobenzene

Concen: 46.713 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055445.D

Acq: 7 May 2019 18:25

Instrument :

MSVOA_N

ClientSampleId :

EP1-PZ-W4-5DL

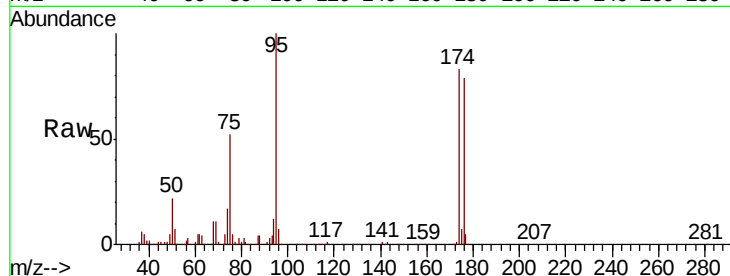
Tot Ion: 95 Resp: 265922

Ion Ratio Lower Upper

95 100

174 84.1 0.0 166.6

176 80.9 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN055286.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055286.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055286.D (-3291) (-)

12.40

150000

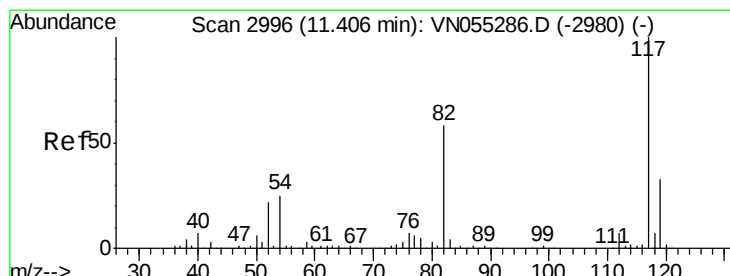
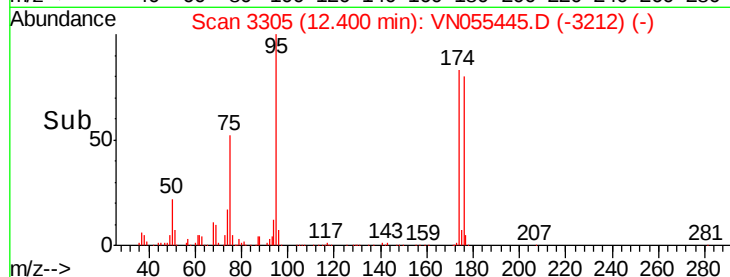
100000

50000

0

12.35 12.40 12.45

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN055445.D

Acq: 7 May 2019 18:25

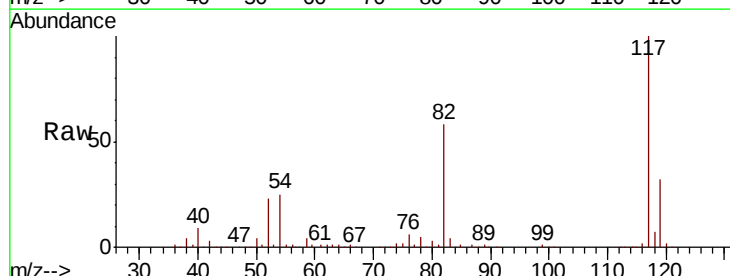
Tgt Ion: 117 Resp: 615189

Ion Ratio Lower Upper

117 100

82 57.7 46.2 69.4

119 31.7 26.6 40.0



Abundance Ion 116.90 (116.60 to 117.60): VN055286.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN055286.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN055286.D (-2980) (-)

11.41

400000

300000

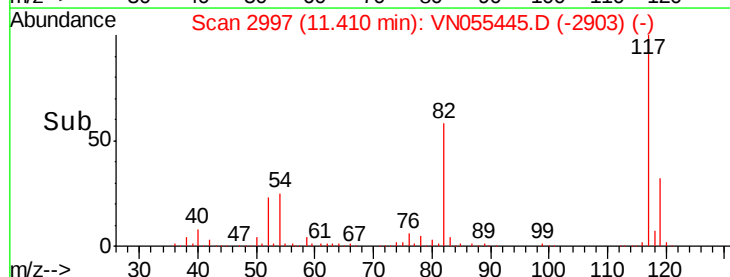
200000

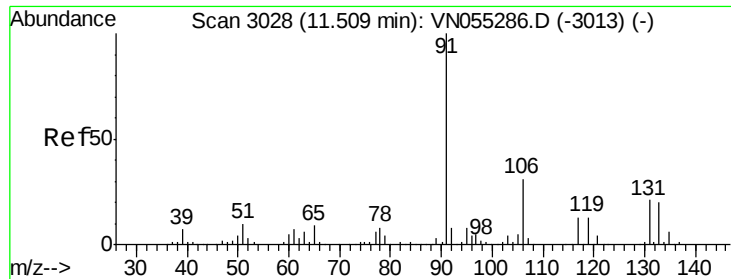
100000

0

11.30 11.40 11.50

Time-->





#67

Ethyl Benzene

Concen: 0.543 ug/l

RT: 11.52 min Scan# 3030

Delta R.T. 0.01 min

Lab File: VN055445.D

Acq: 7 May 2019 18:25

Instrument :

MSVOA_N

ClientSampled :

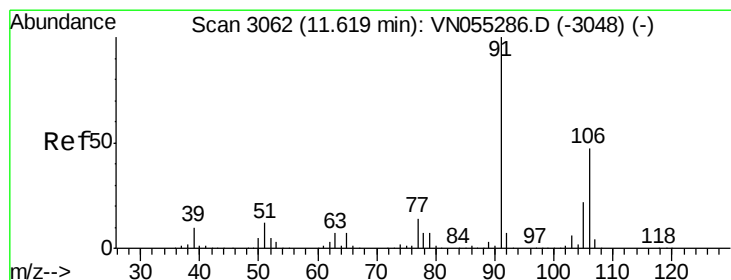
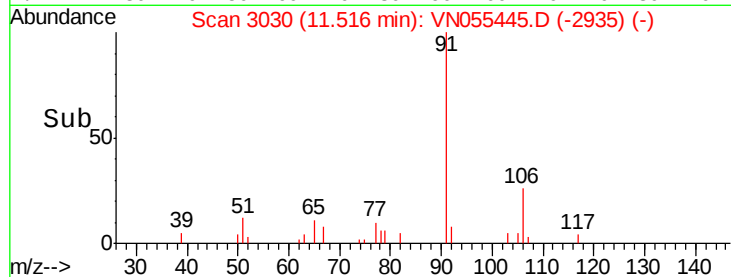
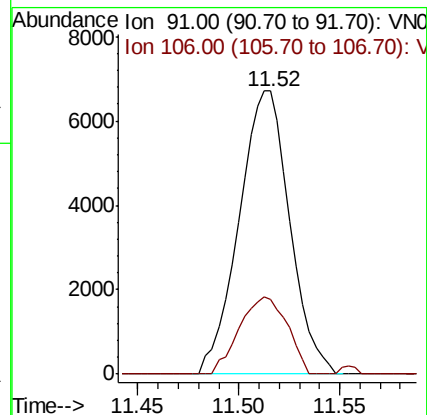
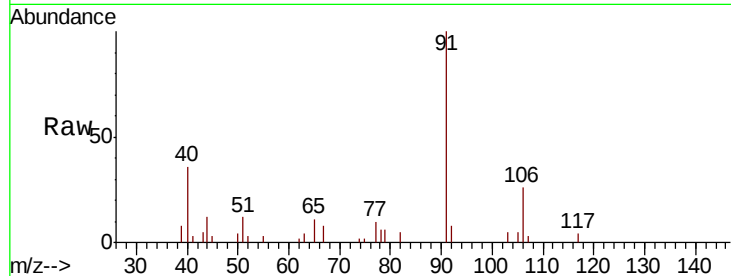
EP1-PZ-W4-5DL

Tot Ion: 91 Resp: 11794

Ion Ratio Lower Upper

91 100

106 26.3 24.6 36.8



#68

m/p-Xylenes

Concen: 0.281 ug/l

RT: 11.63 min Scan# 3064

Delta R.T. 0.01 min

Lab File: VN055445.D

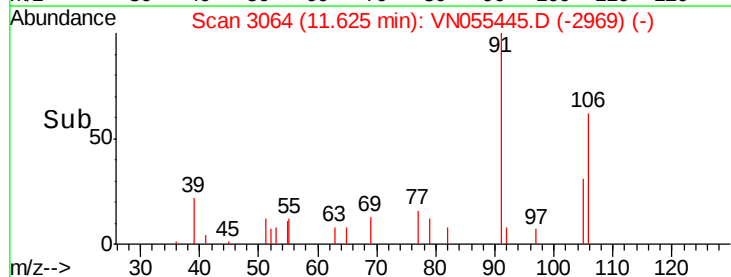
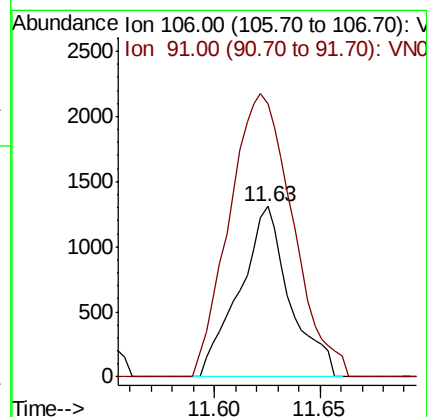
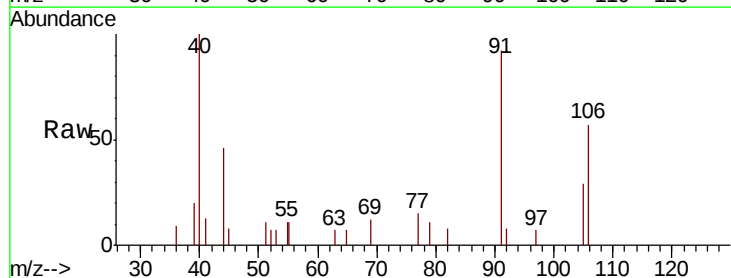
Acq: 7 May 2019 18:25

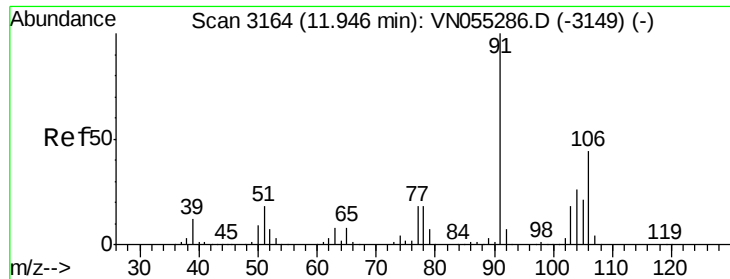
Tgt Ion: 106 Resp: 2179

Ion Ratio Lower Upper

106 100

91 208.0 169.5 254.3

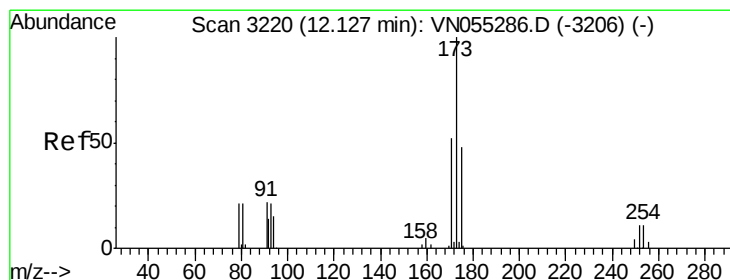
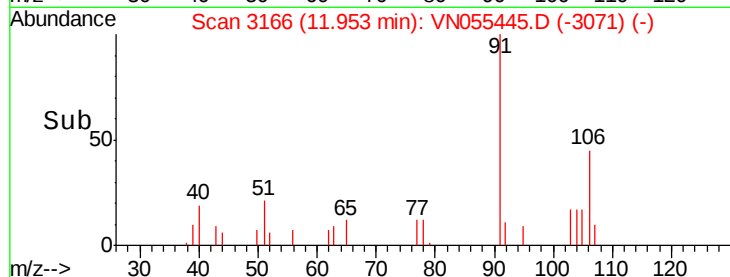
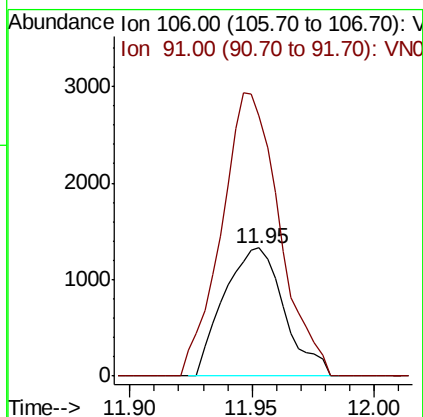
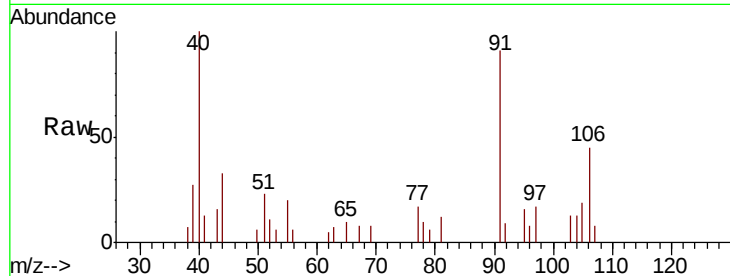




#69
o-Xylene
Concen: 0.296 ug/l
RT: 11.95 min Scan# 3166
Delta R.T. 0.01 min
Lab File: VN055445.D
Acq: 7 May 2019 18:25

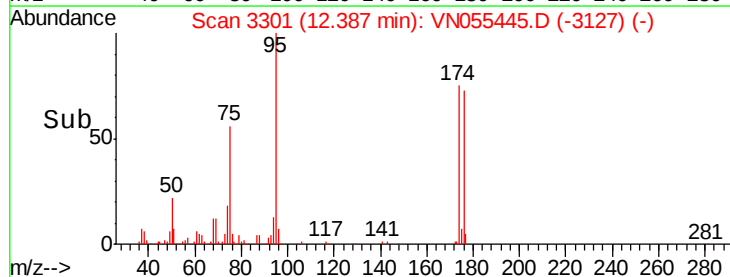
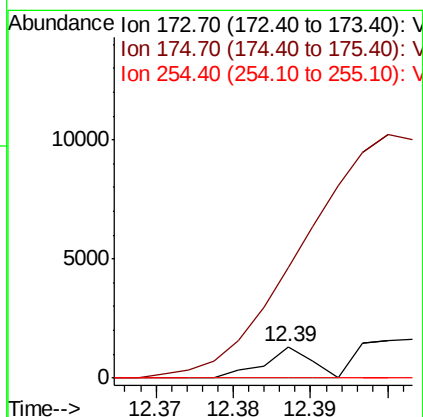
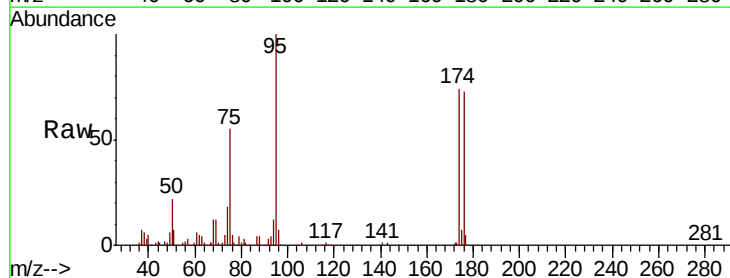
Instrument :
MSVOA_N
ClientSampled :
EP1-PZ-W4-5DL

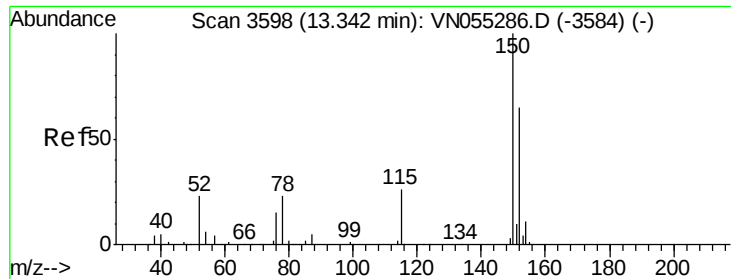
Tot Ion:106 Resp: 2276
Ion Ratio Lower Upper
106 100
91 212.7 111.5 334.5



#71
Bromoform
Concen: 0.211 ug/l
RT: 12.39 min Scan# 3301
Delta R.T. 0.26 min
Lab File: VN055445.D
Acq: 7 May 2019 18:25

Tgt Ion:173 Resp: 552
Ion Ratio Lower Upper
173 100
175 0.0 23.6 71.0#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN055445.D

Acq: 7 May 2019 18:25

Instrument :

MSVOA_N

ClientSampleId :

EP1-PZ-W4-5DL

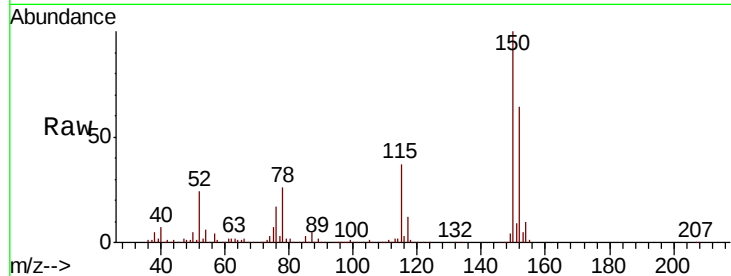
Tot Ion:152 Resp: 199292

Ion Ratio Lower Upper

152 100

115 59.6 29.0 87.0

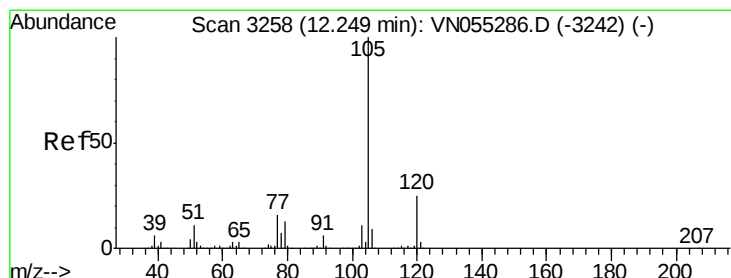
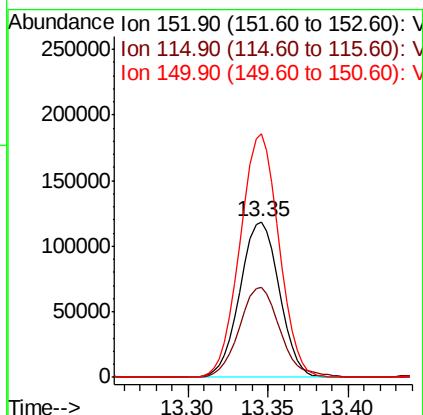
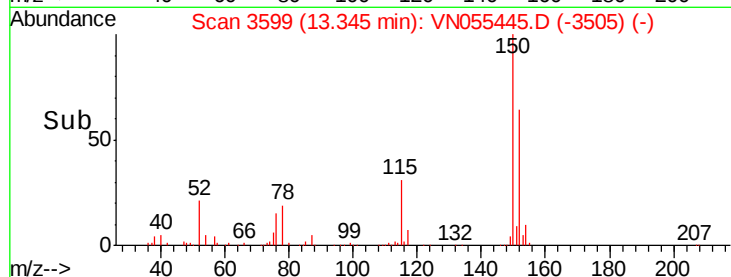
150 154.7 0.0 345.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055445.D

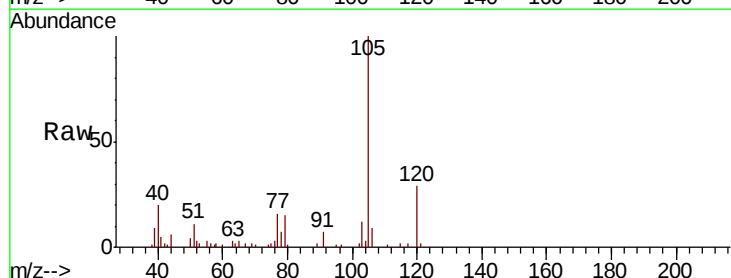
Acq: 7 May 2019 18:25

Tgt Ion:105 Resp: 24635

Ion Ratio Lower Upper

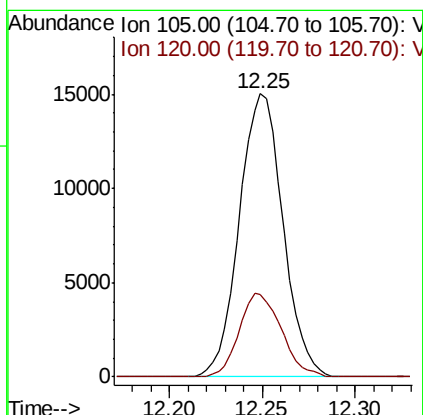
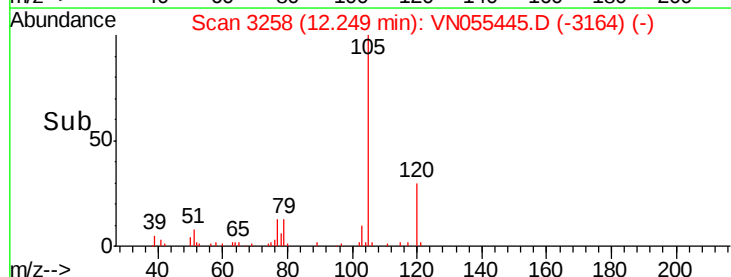
105 100

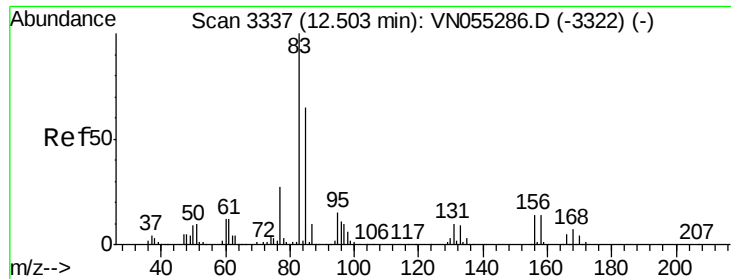
120 28.4 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

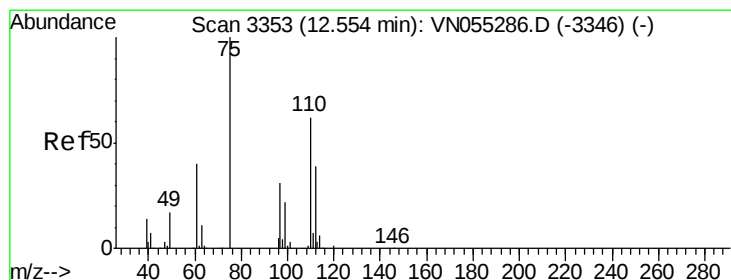
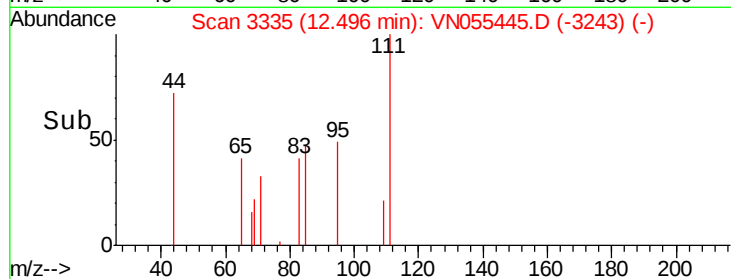
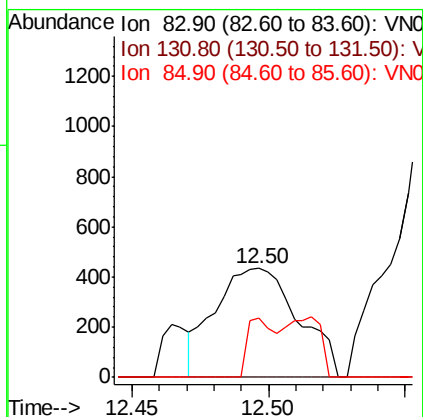
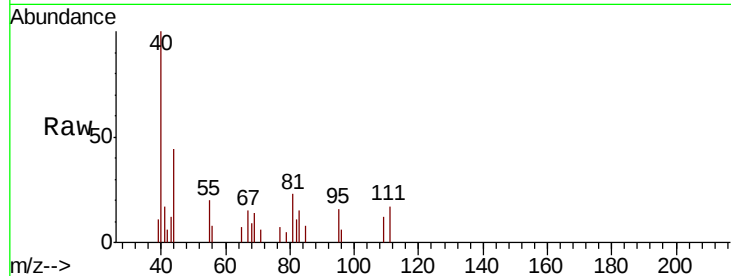




#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 12.50 min Scan# 3335
 Delta R.T. -0.01 min
 Lab File: VN055445.D
 Acq: 7 May 2019 18:25

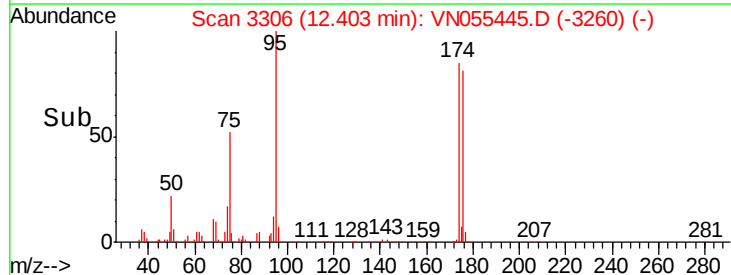
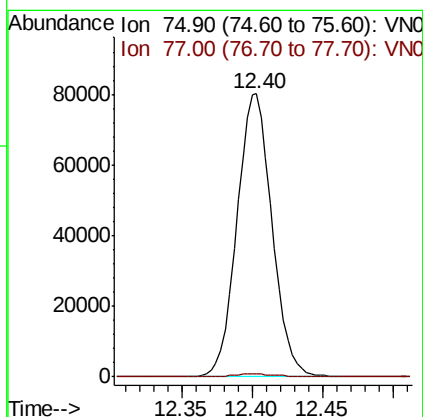
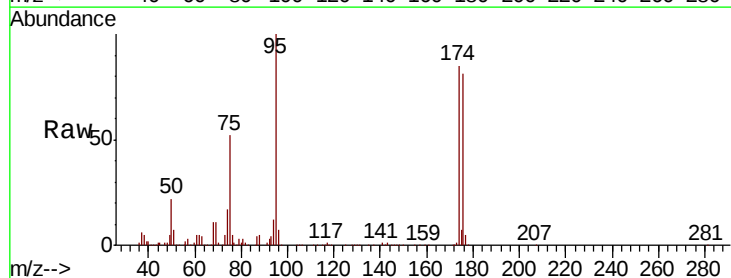
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-PZ-W4-5DL

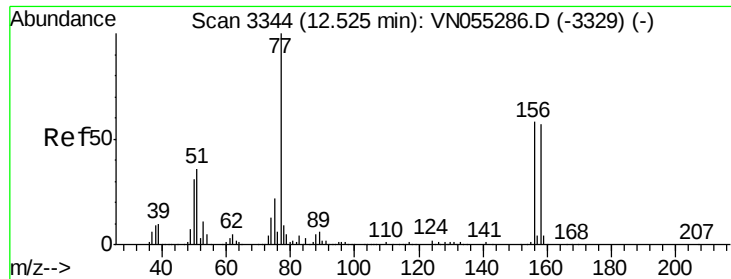
Tot Ion: 83 Resp: 925
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.1 15.2#
 85 17.3 32.3 96.8#



#76
 1,2,3-Trichloropropane
 Concen: 36.984 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. -0.15 min
 Lab File: VN055445.D
 Acq: 7 May 2019 18:25

Tgt Ion: 75 Resp: 139430
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#77

Bromobenzene

Concen: Below Cal

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055445.D

Acq: 7 May 2019 18:25

Instrument :

MSVOA_N

ClientSampleId :

EP1-PZ-W4-5DL

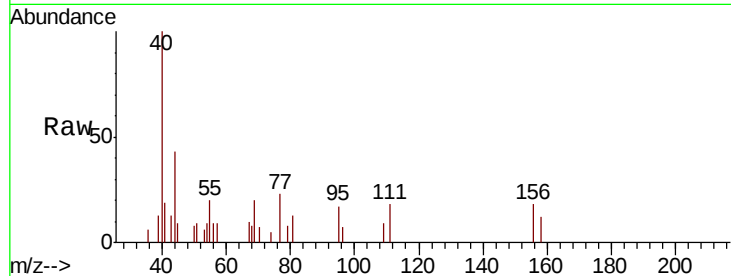
Tot Ion:156 Resp: 654

Ion Ratio Lower Upper

156 100

77 268.7 99.6 298.8

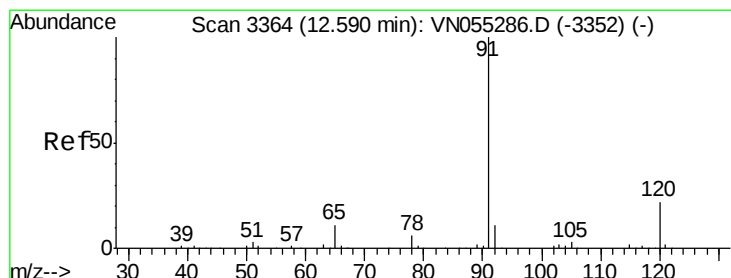
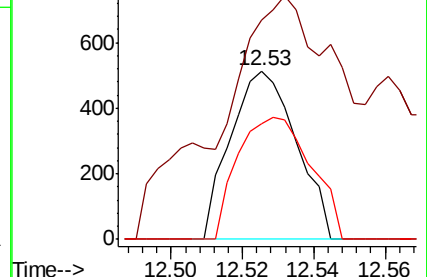
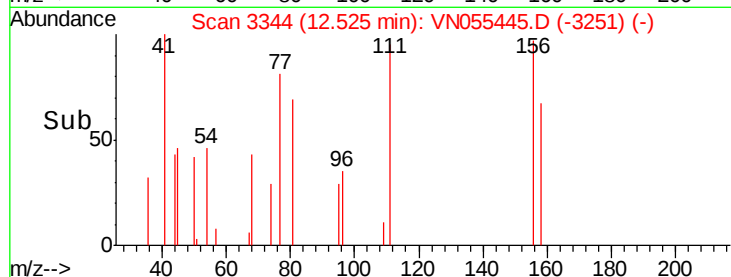
158 80.7 49.3 147.8



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: 1.980 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN055445.D

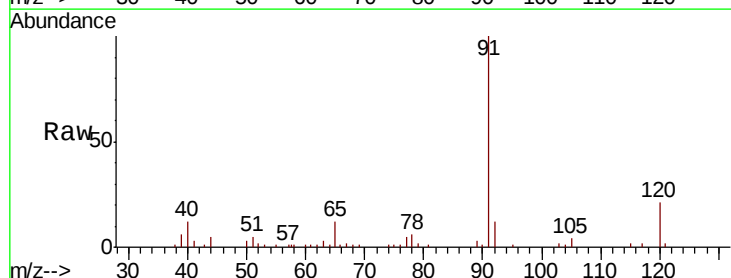
Acq: 7 May 2019 18:25

Tgt Ion: 91 Resp: 40541

Ion Ratio Lower Upper

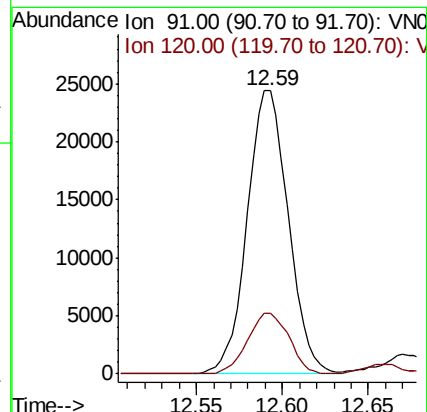
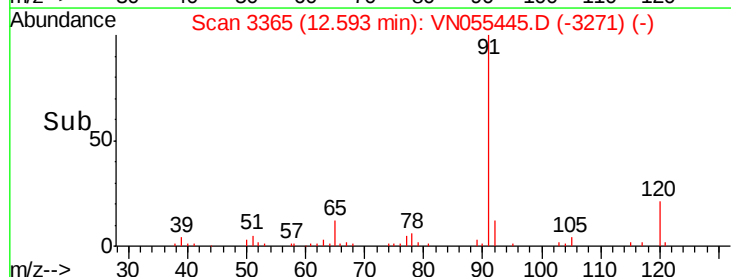
91 100

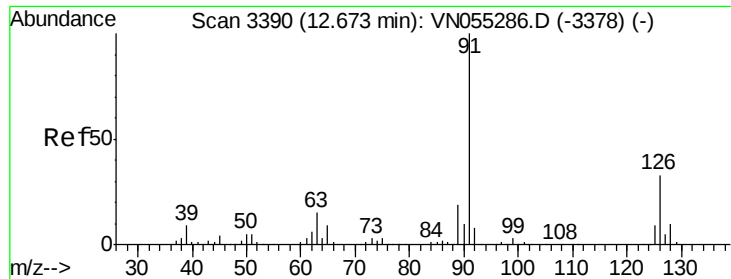
120 21.5 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

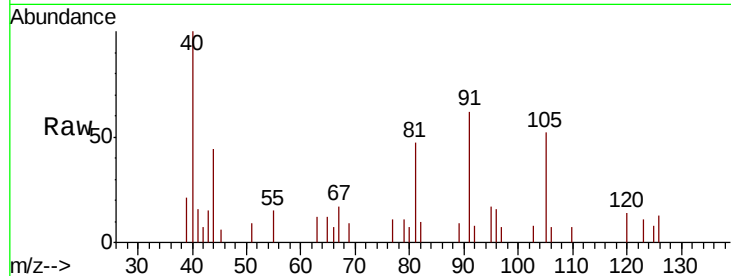




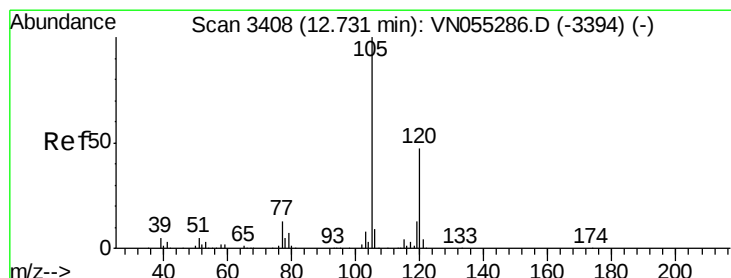
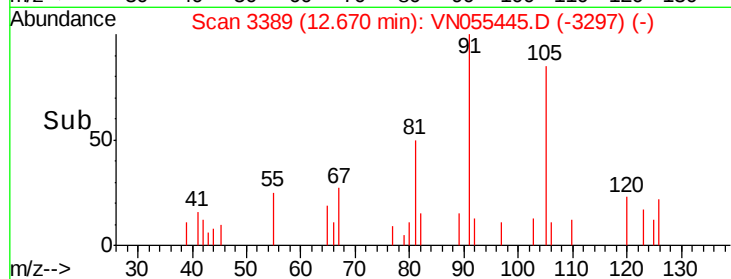
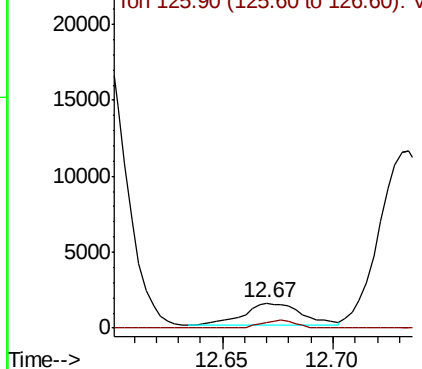
#79
 2-Chlorotoluene
 Concen: Below Cal
 RT: 12.67 min Scan# 3389
 Delta R.T. -0.00 min
 Lab File: VN055445.D
 Acq: 7 May 2019 18:25

Instrument :
 MSVOA_N
 ClientSampled :
 EP1-PZ-W4-5DL

Tot Ion: 91 Resp: 2696
 Ion Ratio Lower Upper
 91 100
 126 19.8 16.6 49.7

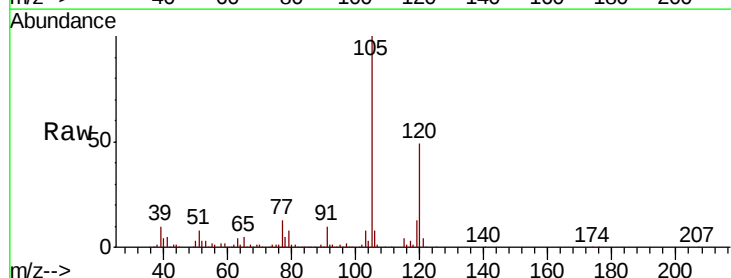


Abundance Ion 91.00 (90.70 to 91.70): VN055286.D (-3378) (-)
 Ion 125.90 (125.60 to 126.60): VN055286.D (-3378) (-)

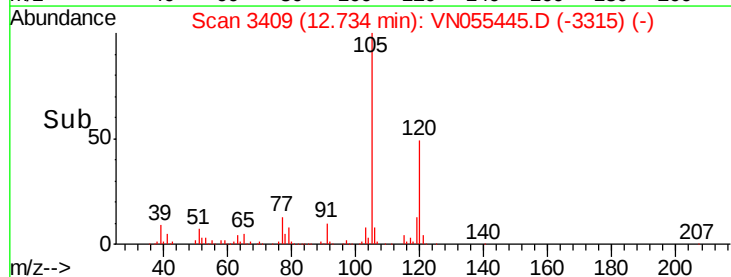
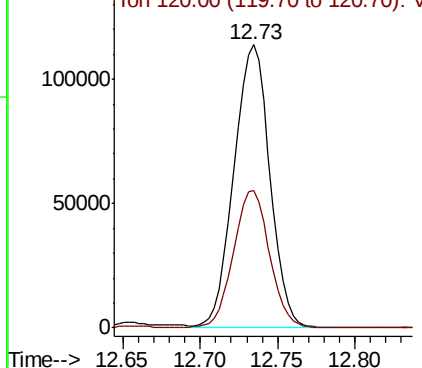


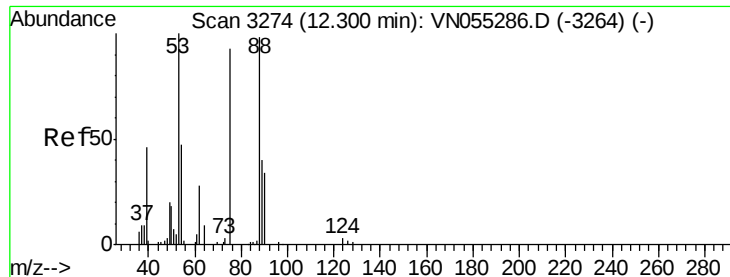
#80
 1,3,5-Trimethylbenzene
 Concen: 11.714 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN055445.D
 Acq: 7 May 2019 18:25

Tgt Ion: 105 Resp: 183013
 Ion Ratio Lower Upper
 105 100
 120 49.0 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN055286.D (-3394) (-)
 Ion 120.00 (119.70 to 120.70): VN055286.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 132.584 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN055445.D

Acq: 7 May 2019 18:25

Instrument :

MSVOA_N

ClientSampled :

EP1-PZ-W4-5DL

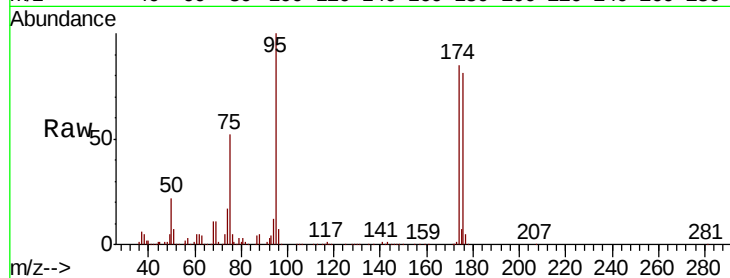
Tot Ion: 75 Resp: 139430

Ion Ratio Lower Upper

75 100

53 0.0 86.3 129.5#

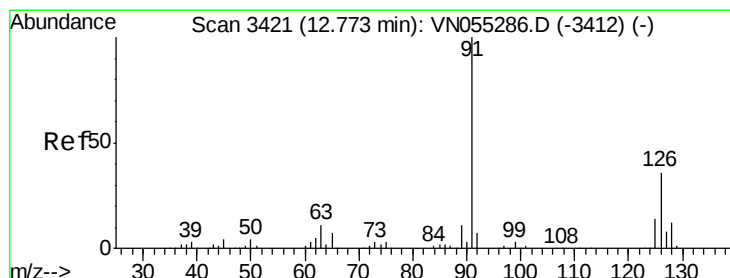
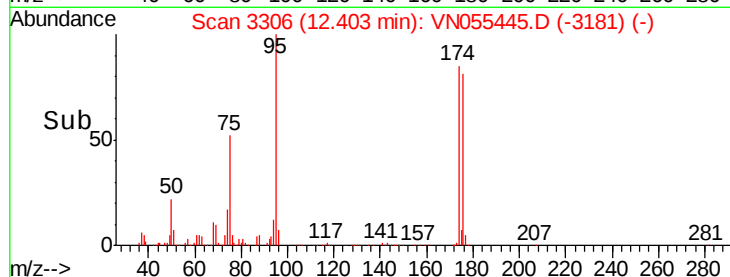
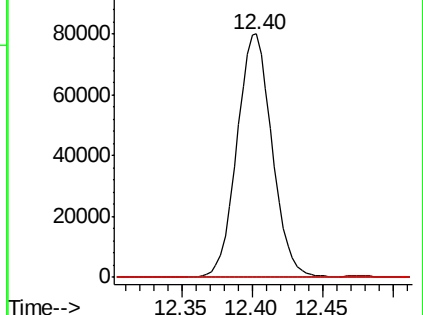
89 0.0 34.6 51.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 0.227 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.10 min

Lab File: VN055445.D

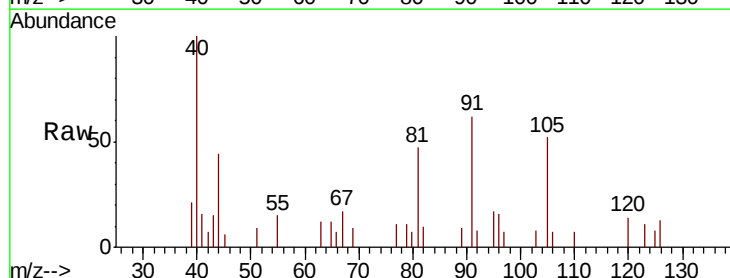
Acq: 7 May 2019 18:25

Tgt Ion: 91 Resp: 2696

Ion Ratio Lower Upper

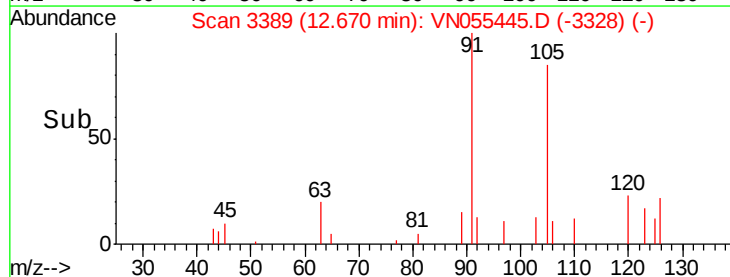
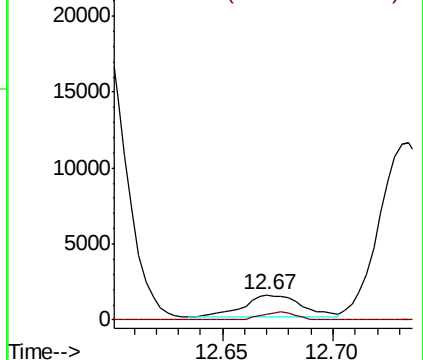
91 100

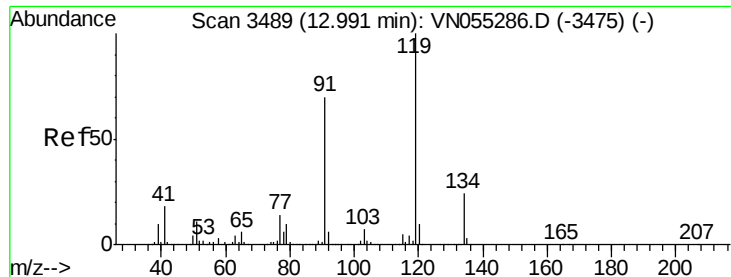
126 19.8 16.6 49.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

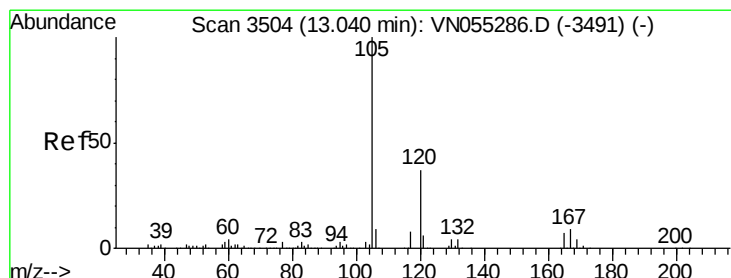
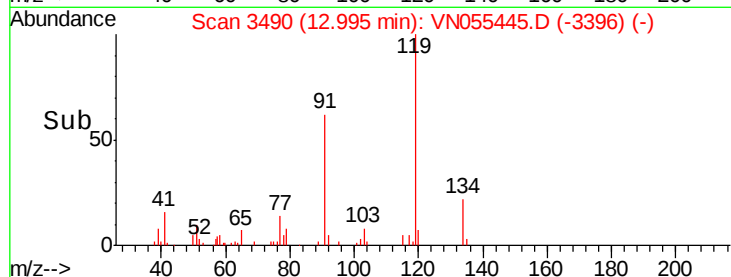
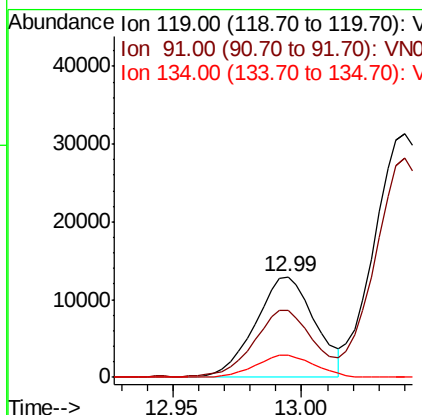
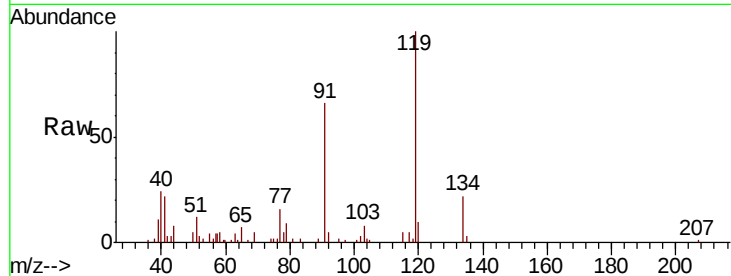




#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN055445.D
Acq: 7 May 2019 18:25

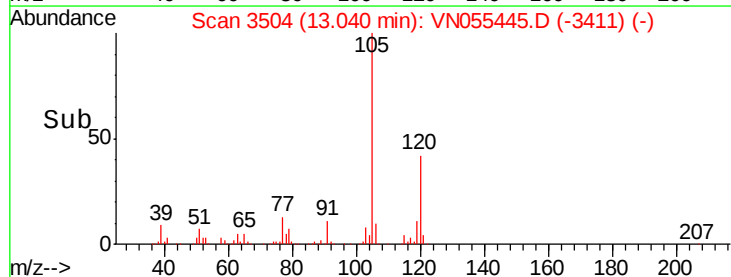
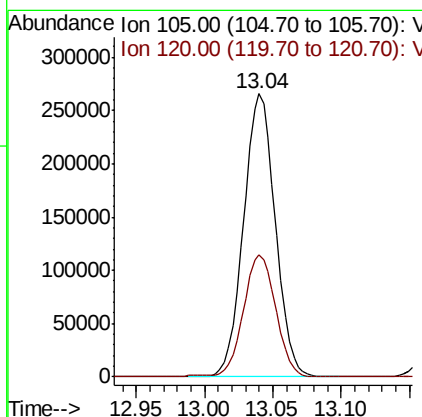
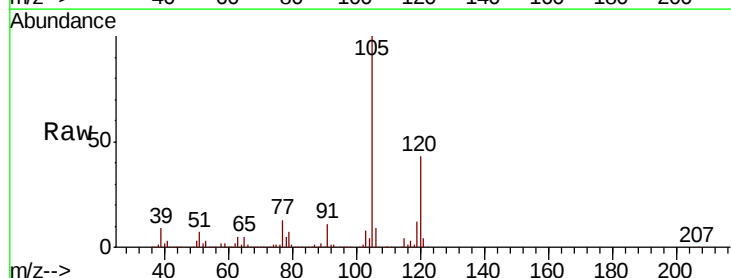
Instrument :
MSVOA_N
ClientSampled :
EP1-PZ-W4-5DL

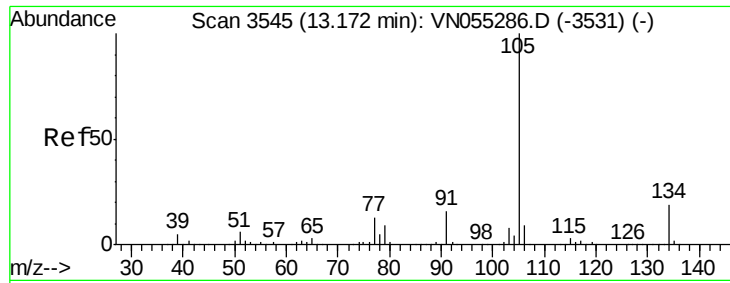
Tot Ion:119 Resp: 20916
Ion Ratio Lower Upper
119 100
91 66.6 34.3 102.9
134 21.9 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 30.574 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055445.D
Acq: 7 May 2019 18:25

Tgt Ion:105 Resp: 427214
Ion Ratio Lower Upper
105 100
120 44.0 22.1 66.5

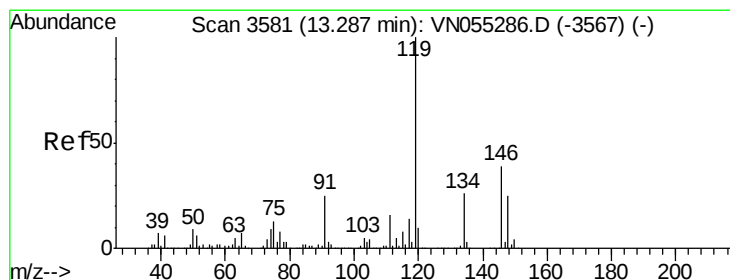
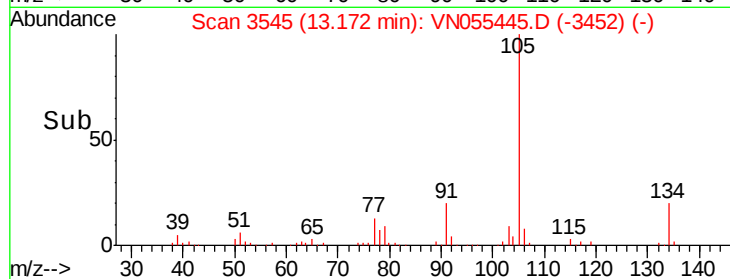
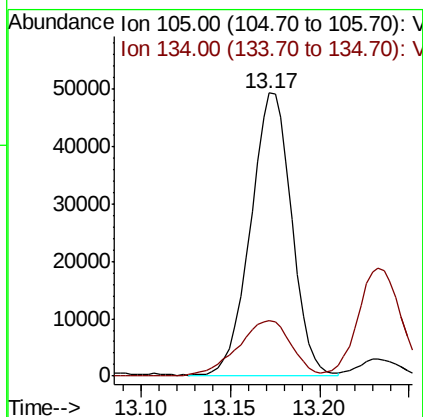
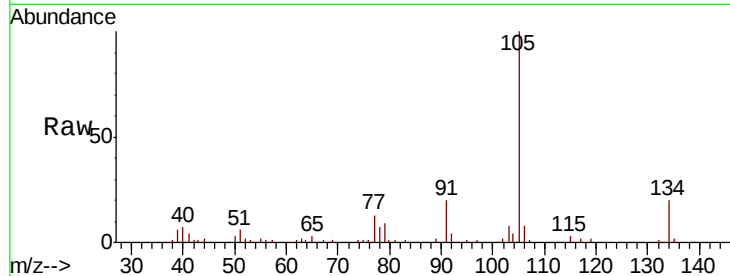




#85
 sec-Butylbenzene
 Concen: 4.634 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055445.D
 Acq: 7 May 2019 18:25

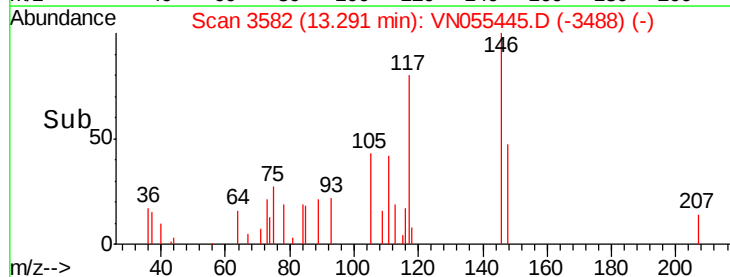
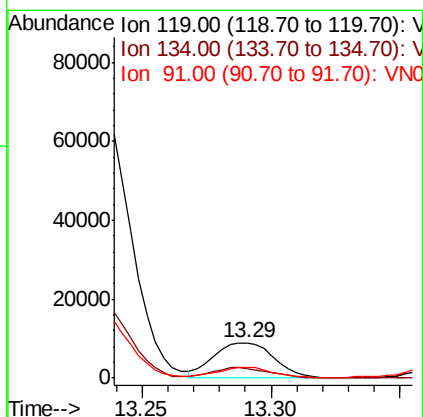
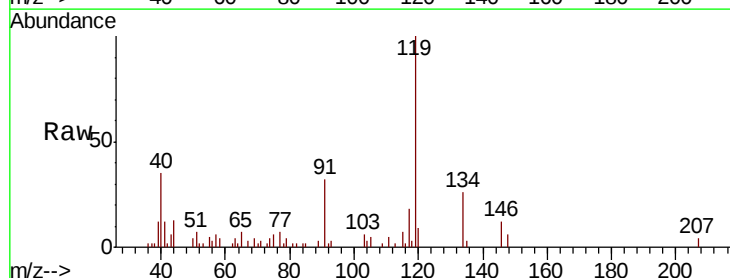
Instrument :
 MSVOA_N
 ClientSampled :
 EP1-PZ-W4-5DL

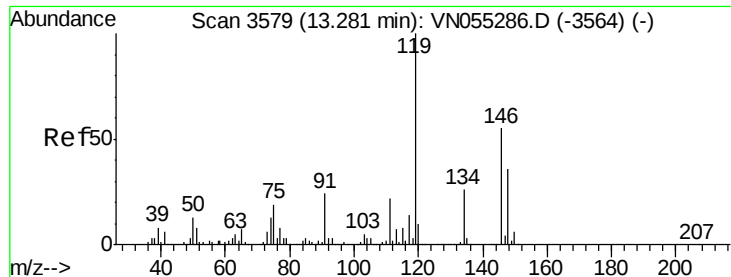
Tot Ion:105 Resp: 78698
 Ion Ratio Lower Upper
 105 100
 134 25.8 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 1.051 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN055445.D
 Acq: 7 May 2019 18:25

Tgt Ion:119 Resp: 14672
 Ion Ratio Lower Upper
 119 100
 134 27.9 13.0 38.9
 91 24.3 12.2 36.6

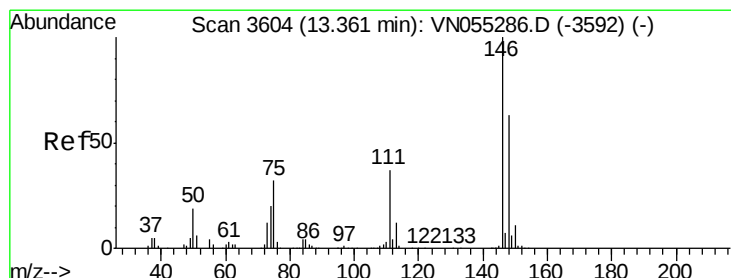
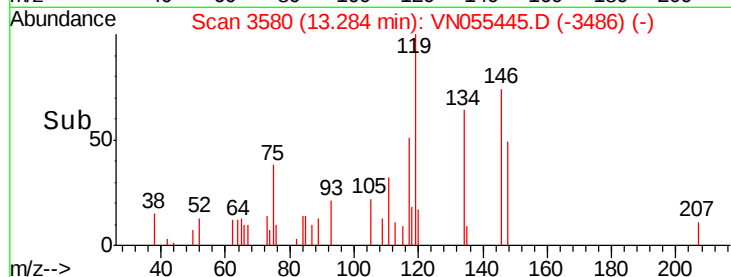
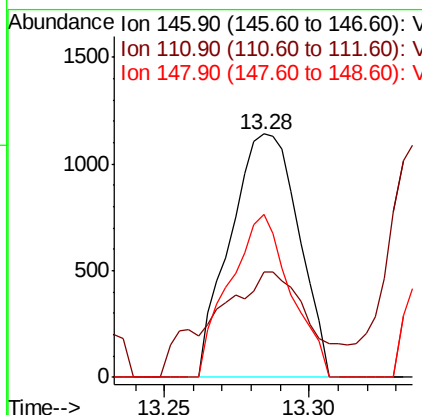
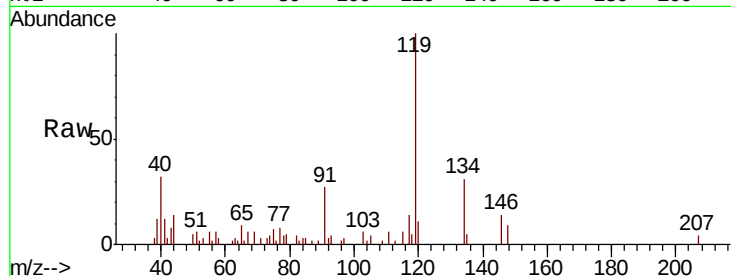




#87
 1,3-Dichlorobenzene
 Concen: 0.280 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN055445.D
 Acq: 7 May 2019 18:25

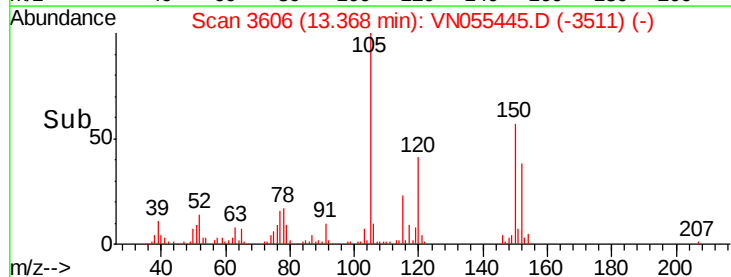
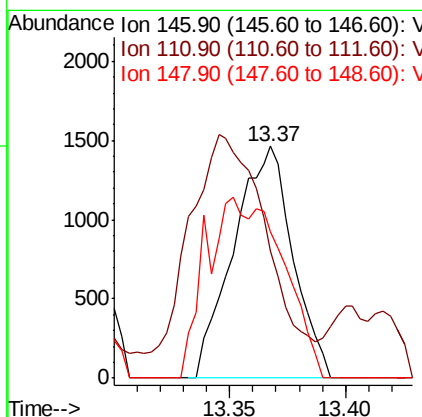
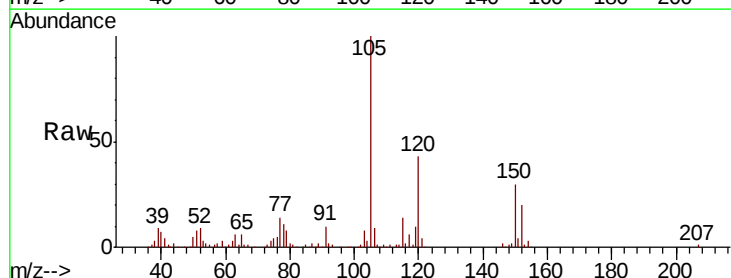
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-PZ-W4-5DL

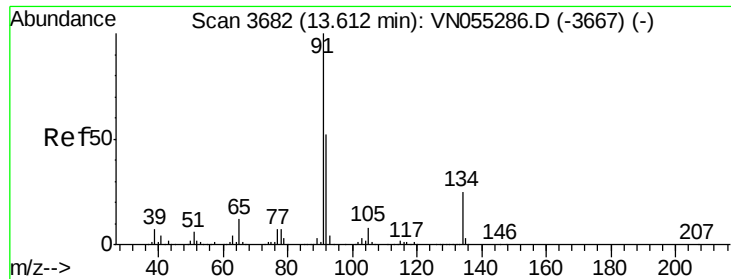
Tot Ion:146 Resp: 1867
 Ion Ratio Lower Upper
 146 100
 111 61.9 20.3 60.8#
 148 60.1 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 0.413 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. 0.01 min
 Lab File: VN055445.D
 Acq: 7 May 2019 18:25

Tgt Ion:146 Resp: 2591
 Ion Ratio Lower Upper
 146 100
 111 0.0 19.5 58.5#
 148 0.0 32.5 97.4#

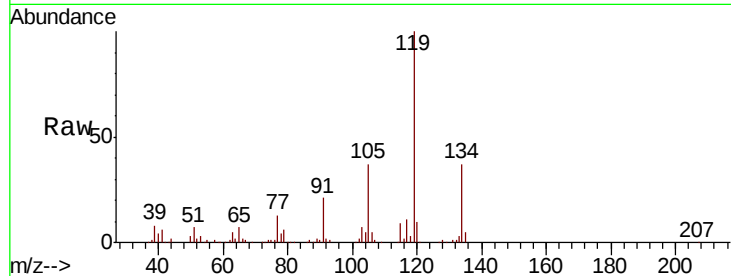




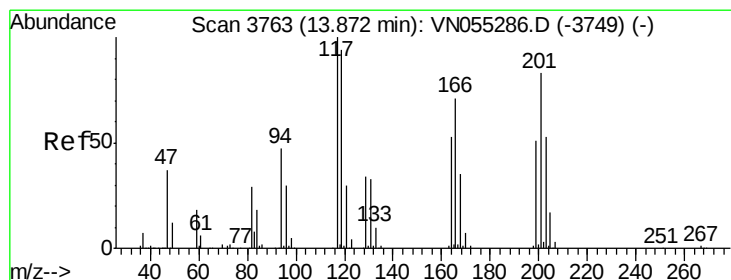
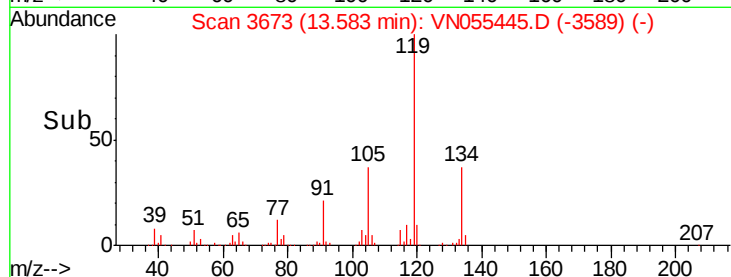
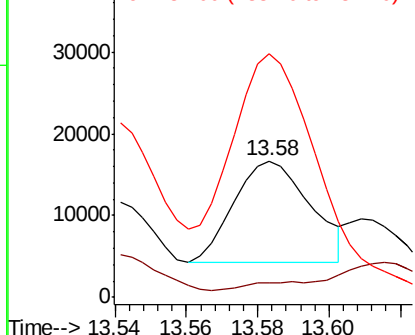
#89
n-Butylbenzene
Concen: 1.857 ug/l
RT: 13.58 min Scan# 3673
Delta R.T. -0.03 min
Lab File: VN055445.D
Acq: 7 May 2019 18:25

Instrument :
MSVOA_N
ClientSampled :
EP1-PZ-W4-5DL

Tot Ion: 91 Resp: 18416
Ion Ratio Lower Upper
91 100
92 0.0 26.1 78.3#
134 294.7 12.4 37.4#

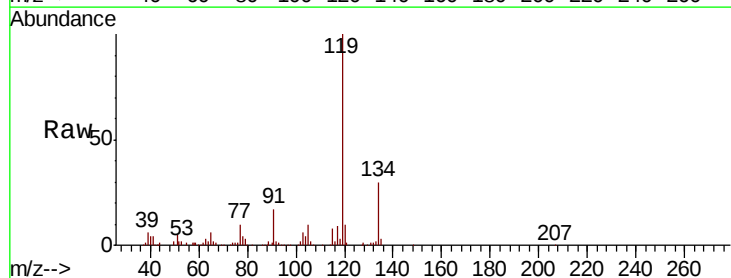


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): VN0

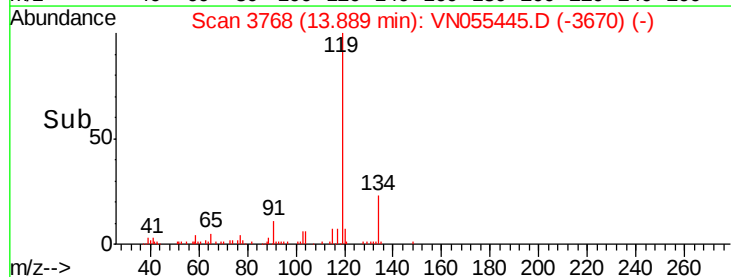
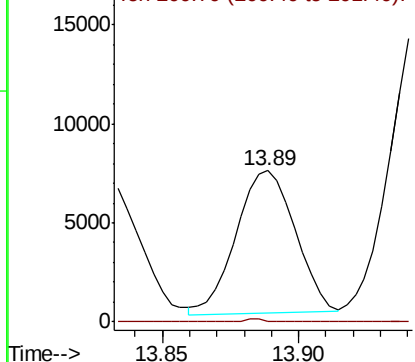


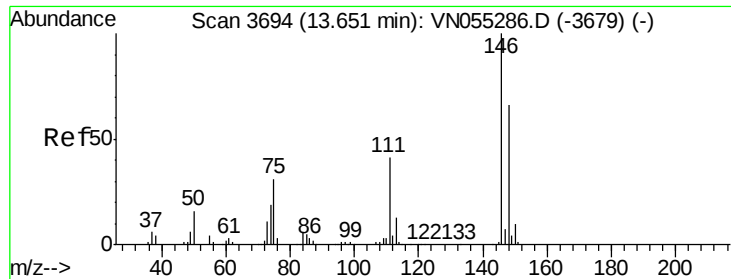
#90
Hexachloroethane
Concen: 3.465 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.02 min
Lab File: VN055445.D
Acq: 7 May 2019 18:25

Tgt Ion: 117 Resp: 10899
Ion Ratio Lower Upper
117 100
201 0.6 41.9 125.8#



Abundance Ion 116.80 (116.50 to 117.50): VN0
Ion 200.70 (200.40 to 201.40): VN0





#91

1,2-Dichlorobenzene

Concen: 0.255 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN055445.D

Acq: 7 May 2019 18:25

Instrument :

MSVOA_N

ClientSampleId :

EP1-PZ-W4-5DL

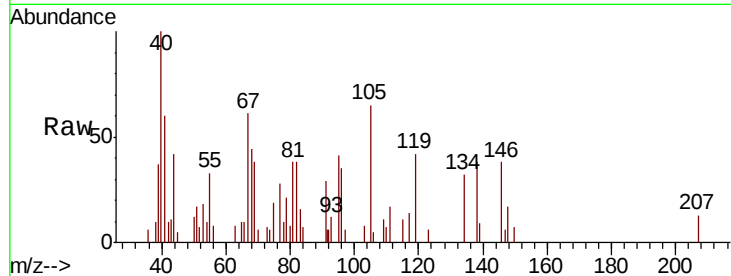
Tot Ion:146 Resp: 1686

Ion Ratio Lower Upper

146 100

111 52.2 20.3 61.0

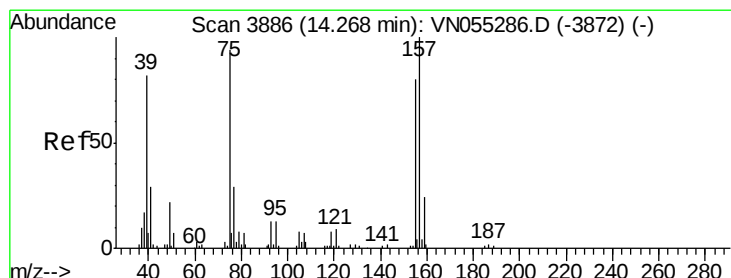
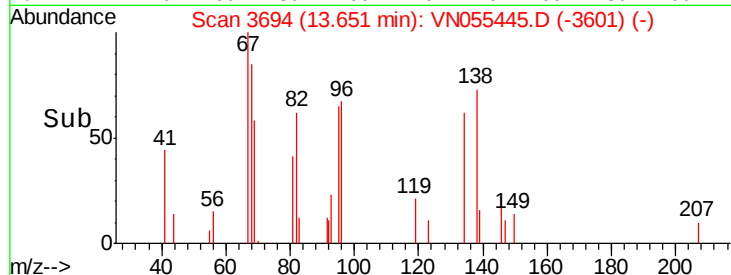
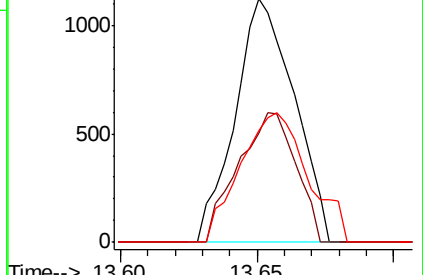
148 60.9 32.4 97.2



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: 2.088 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. -0.02 min

Lab File: VN055445.D

Acq: 7 May 2019 18:25

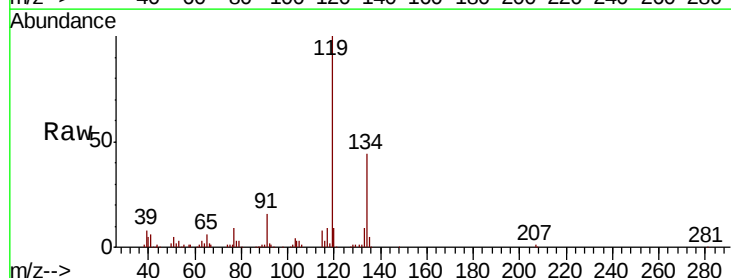
Tgt Ion: 75 Resp: 1095

Ion Ratio Lower Upper

75 100

155 0.0 41.5 124.6#

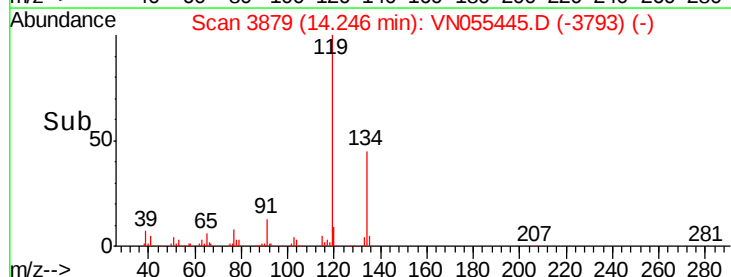
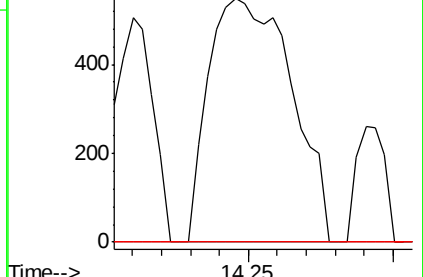
157 0.0 54.0 162.2#

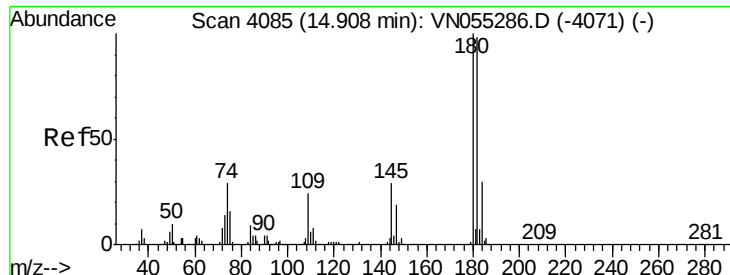


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

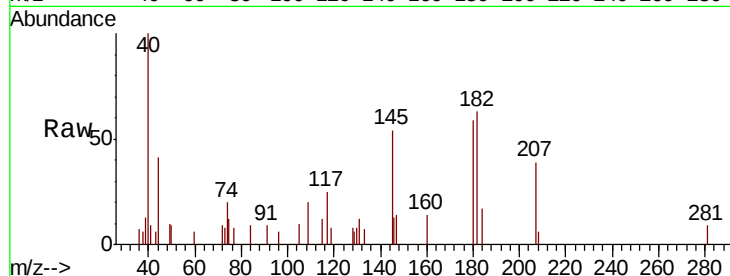




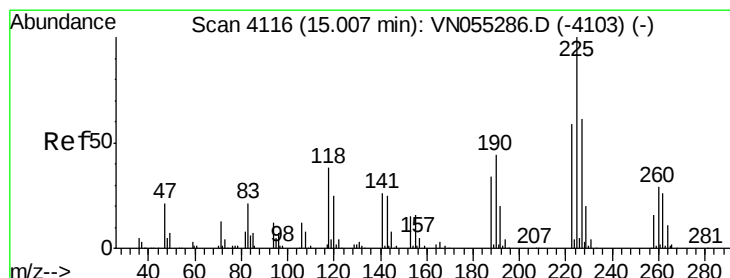
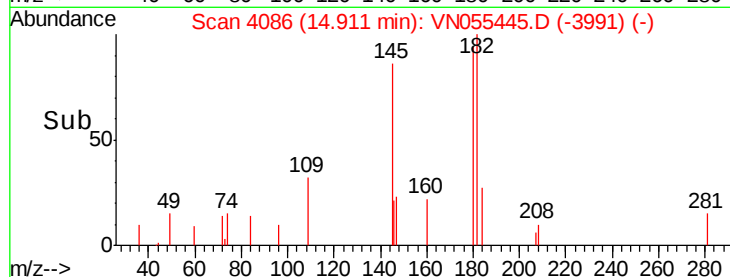
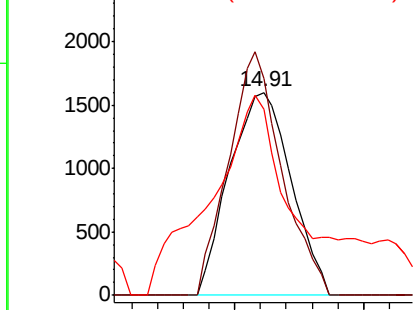
#93
 1,2,4-Trichlorobenzene
 Concen: 4.262 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN055445.D
 Acq: 7 May 2019 18:25

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-PZ-W4-5DL

Tot Ion:180 Resp: 2656
 Ion Ratio Lower Upper
 180 100
 182 103.5 48.3 144.9
 145 139.2 14.2 42.6#

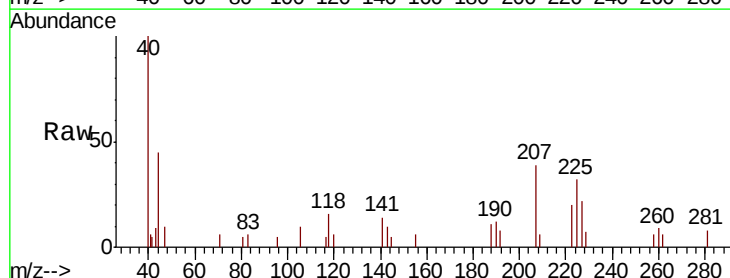


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

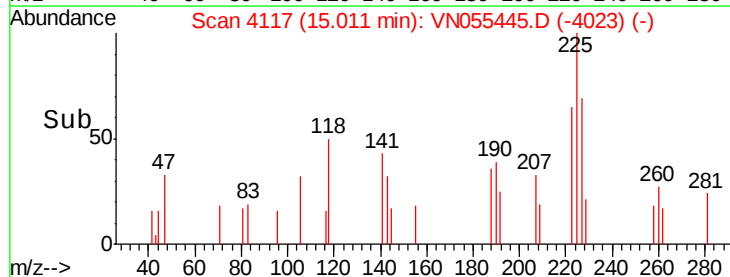
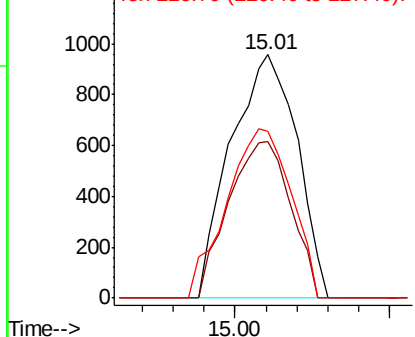


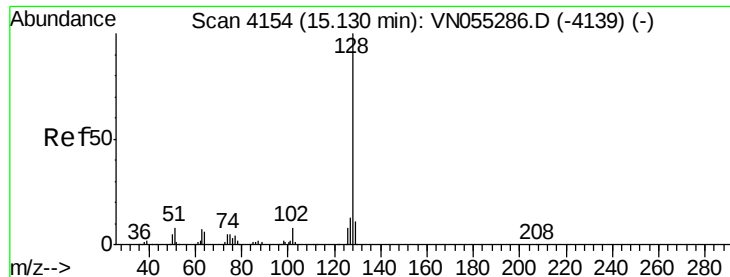
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN055445.D
 Acq: 7 May 2019 18:25

Tgt Ion:225 Resp: 1423
 Ion Ratio Lower Upper
 225 100
 223 60.6 30.3 90.8
 227 67.7 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: 4.628 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055445.D

Acq: 7 May 2019 18:25

Instrument :

MSVOA_N

ClientSampleId :

EP1-PZ-W4-5DL

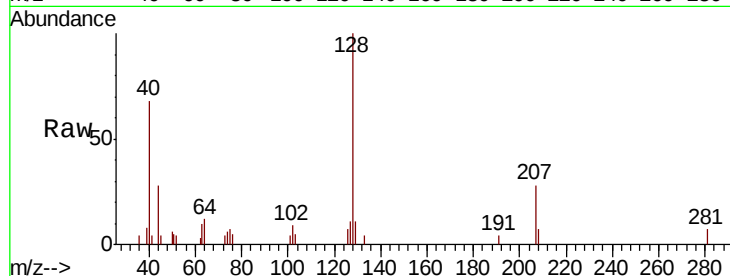
Tot Ion:128 Resp: 7714

Ion Ratio Lower Upper

128 100

127 12.4 10.7 16.1

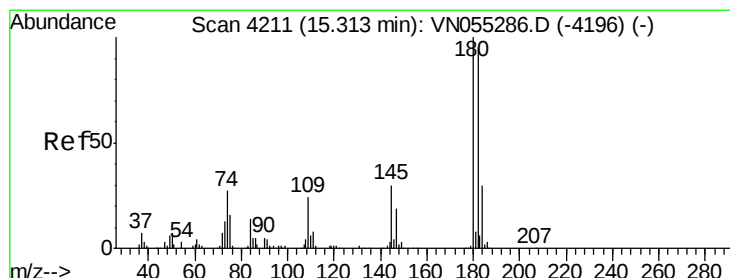
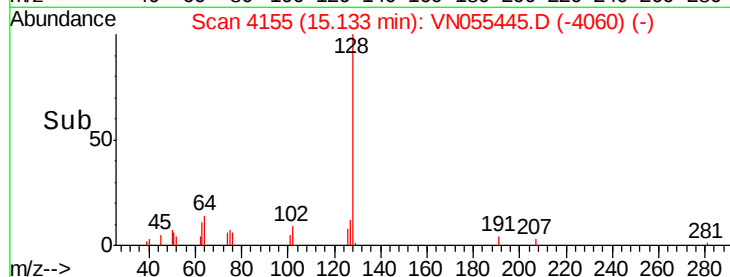
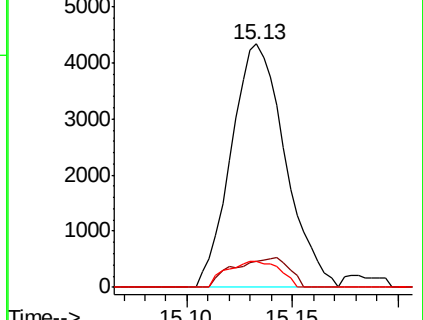
129 10.4 8.6 13.0



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: 3.687 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055445.D

Acq: 7 May 2019 18:25

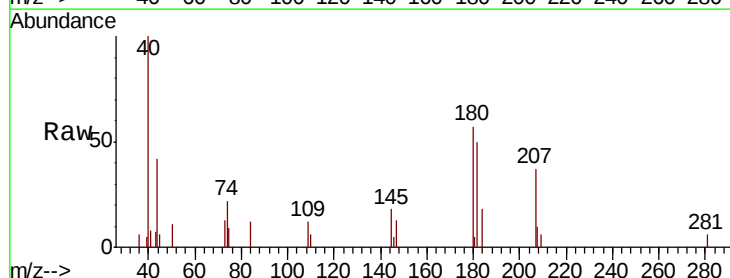
Tgt Ion:180 Resp: 2910

Ion Ratio Lower Upper

180 100

182 98.2 48.3 144.9

145 44.1 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

