

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022619\
 Data File : VN053952.D
 Acq On : 26 Feb 2019 13:57
 Operator : JC/SP
 Sample : K1597-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-25

Quant Time: Feb 27 02:26:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 05:37:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	628103	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1120576	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1090092	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	429263	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	399491	54.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.52%	
35) Dibromofluoromethane	7.59	113	366520	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
50) Toluene-d8	10.09	98	1432261	53.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.20%	
62) 4-Bromofluorobenzene	12.40	95	482642	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	

Target Compounds

						Qvalue
14) Allyl chloride	4.55	41	18716	1.721	ug/l #	27
16) Acetone	3.82	43	26937	1.747	ug/l	93
18) Methyl Acetate	4.33	43	3994	0.776	ug/l #	74
20) Methylene Chloride	4.55	84	455616	62.523	ug/l	89
25) 2-Butanone	6.84	43	2688	0.930	ug/l #	88
30) Chloroform	7.37	83	3037	0.243	ug/l	100
31) Cyclohexane	7.66	56	10920	0.522	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	42066	4.037	ug/l #	46
38) Carbon Tetrachloride	7.67	117	55478	5.119	ug/l #	16
43) Isopropyl Acetate	8.17	43	32072	2.553	ug/l #	93
45) 1,2-Dichloropropane	9.27	63	1981	0.229	ug/l #	44
48) Methyl methacrylate	9.18	41	11324	1.960	ug/l #	12
49) 1,4-Dioxane	9.27	88	233	2.977	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	10245	1.587	ug/l #	34
52) Toluene	10.16	92	5590	0.297	ug/l	100
54) cis-1,3-Dichloropropene	9.90	75	75555	6.233	ug/l #	71
56) Ethyl methacrylate	10.54	69	1678	2.130	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	14128	1.188	ug/l #	43
59) 2-Hexanone	10.76	43	206757	49.241	ug/l #	48
67) Ethyl Benzene	11.51	91	201566	5.226	ug/l	98
68) m/p-Xylenes	11.62	106	390126	26.801	ug/l	98
69) o-Xylene	11.95	106	175804	12.292	ug/l	97
70) Styrene	11.95	104	11825	0.538	ug/l #	1
71) Bromoform	12.40	173	3383	0.586	ug/l #	1
73) Isopropylbenzene	12.25	105	11382	0.341	ug/l	98
76) 1,2,3-Trichloropropane	12.40	75	235642	34.220	ug/l #	100
78) n-propylbenzene	12.59	91	65823	1.732	ug/l	96
79) 2-Chlorotoluene	12.65	91	45631	1.999	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.73	105	264920	9.684	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	235642	108.156	ug/l #	15
82) 4-Chlorotoluene	12.73	91	29673	1.315	ug/l #	39
83) tert-Butylbenzene	13.04	119	169426	7.003	ug/l #	66
84) 1,2,4-Trimethylbenzene	13.04	105	1379369	50.507	ug/l	98
85) sec-Butylbenzene	13.04	105	1379369	41.741	ug/l #	56

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Quant Title : SW846 8260
QLast Update : Tue Feb 26 05:37:40 2019
Response via : Initial Calibration

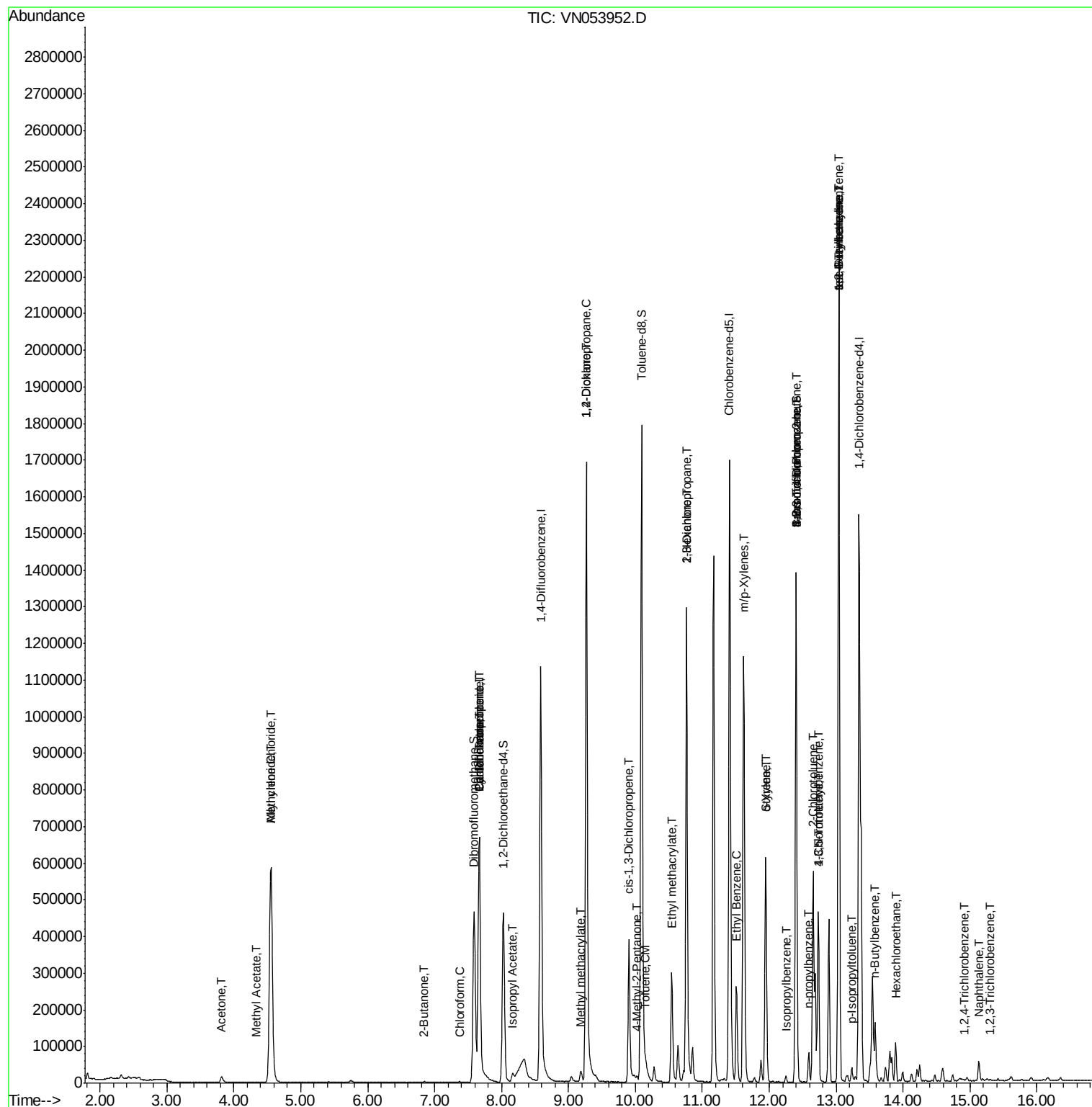
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.23	119	21003	0.752	ug/l	93
89) n-Butylbenzene	13.58	91	8011	0.340	ug/l #	1
90) Hexachloroethane	13.89	117	6685	1.235	ug/l #	2
93) 1,2,4-Trichlorobenzene	14.91	180	864	2.327	ug/l #	7
95) Naphthalene	15.13	128	46715	5.784	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	919	1.675	ug/l #	65

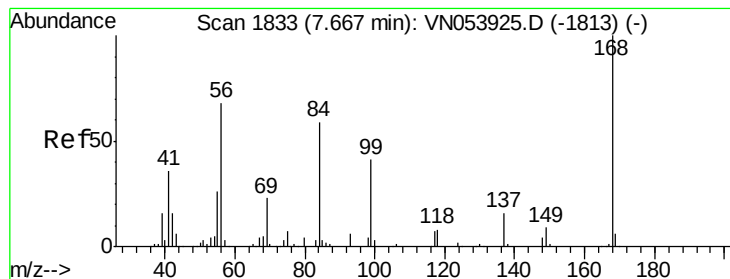
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053952.D

Acq: 26 Feb 2019 13:57

Instrument :

MSVOA_N

ClientSampled :

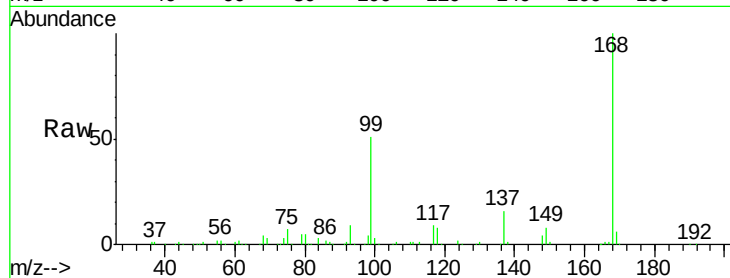
TP-25

Tot Ion:168 Resp: 628103

Ion Ratio Lower Upper

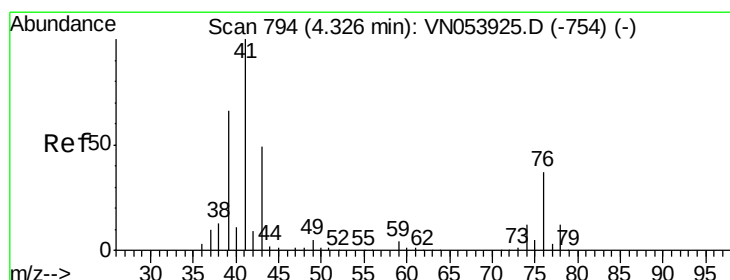
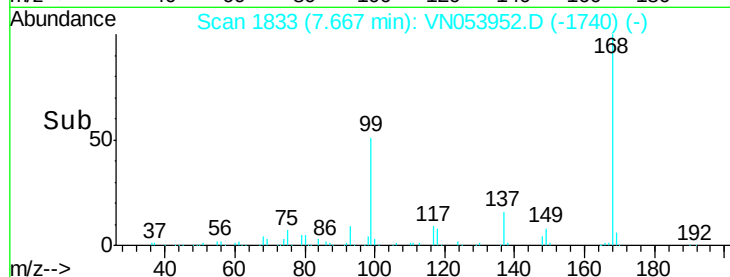
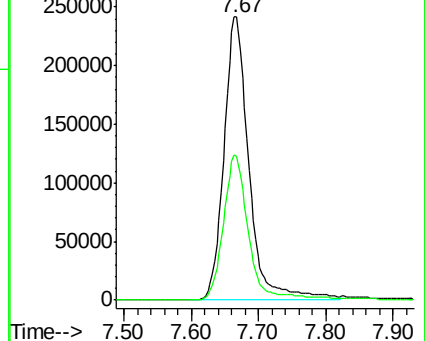
168 100

99 51.0 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#14

Allyl chloride

Concen: 1.721 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.23 min

Lab File: VN053952.D

Acq: 26 Feb 2019 13:57

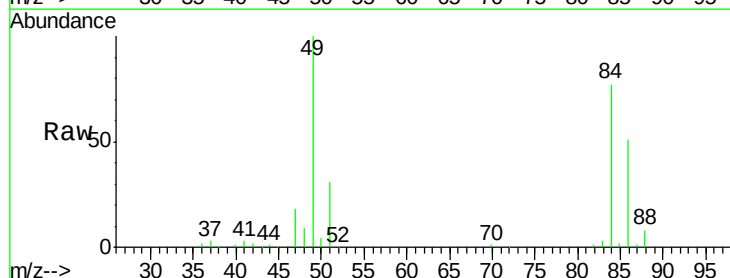
Tgt Ion: 41 Resp: 18716

Ion Ratio Lower Upper

41 100

39 0.3 48.8 73.2#

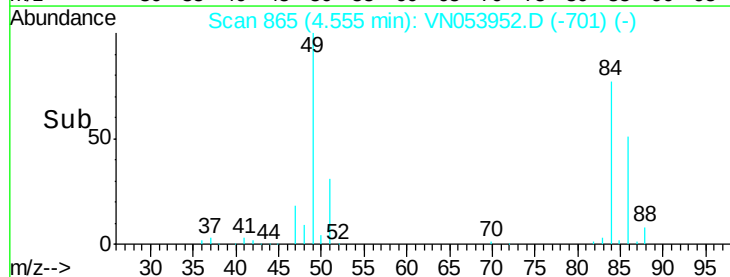
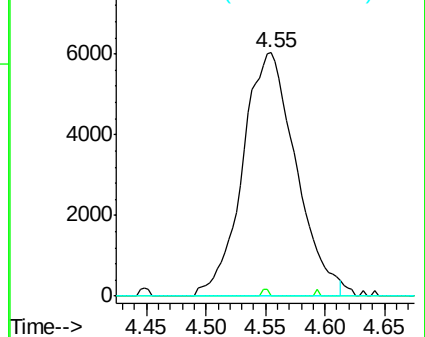
76 0.0 30.9 46.3#

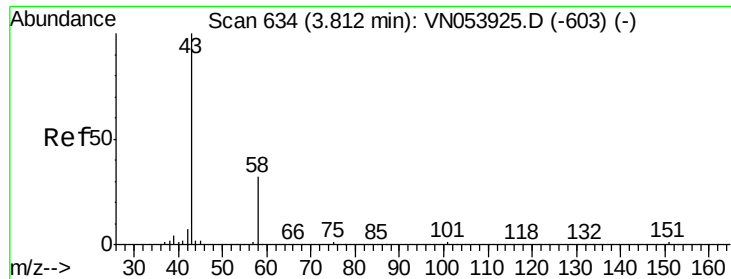


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO





#16

Acetone

Concen: 1.747 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053952.D

Acq: 26 Feb 2019 13:57

Instrument :

MSVOA_N

ClientSampled :

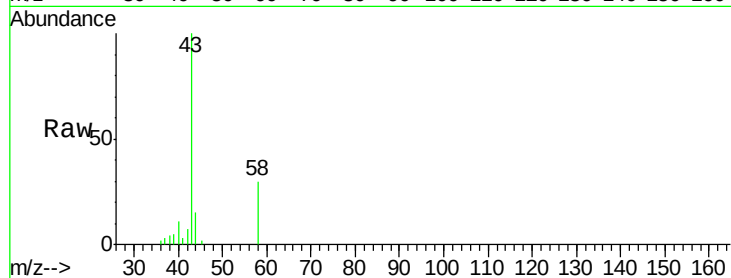
TP-25

Tot Ion: 43 Resp: 26937

Ion Ratio Lower Upper

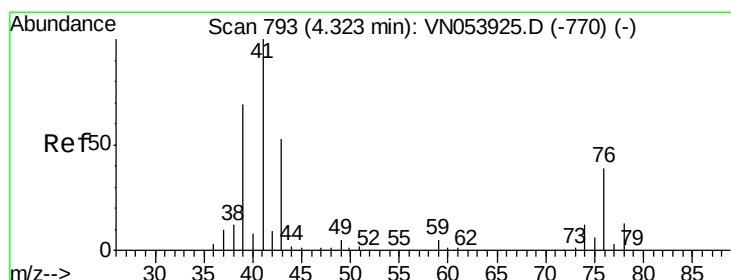
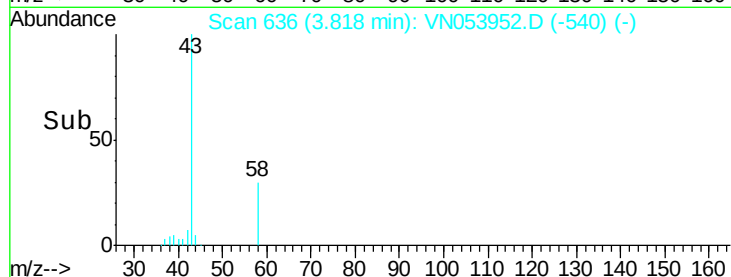
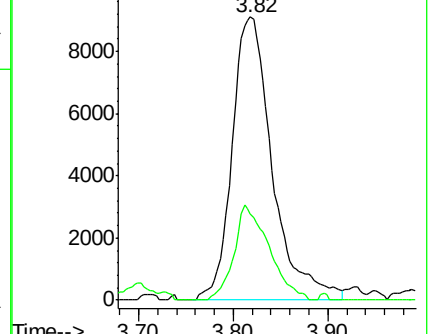
43 100

58 30.4 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 0.776 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN053952.D

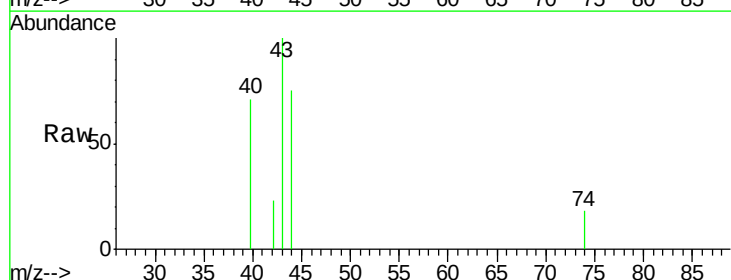
Acq: 26 Feb 2019 13:57

Tgt Ion: 43 Resp: 3994

Ion Ratio Lower Upper

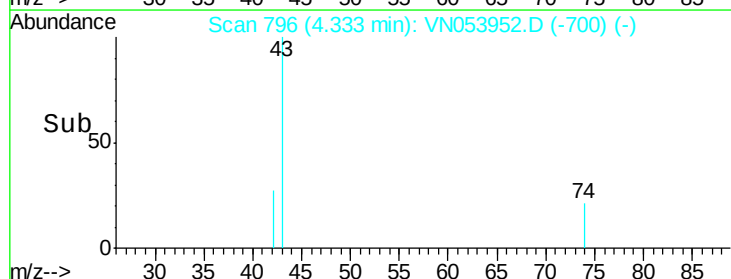
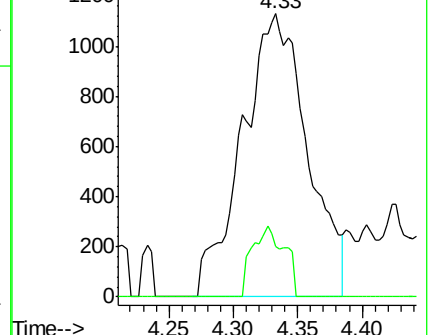
43 100

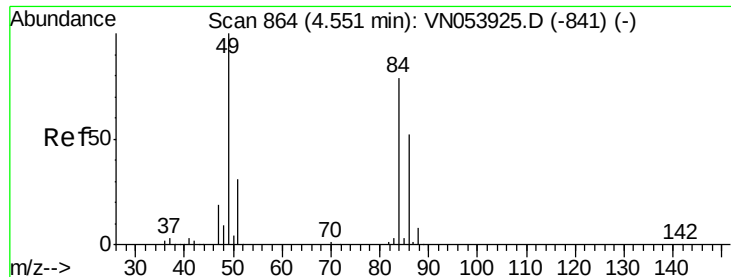
74 12.2 20.5 30.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

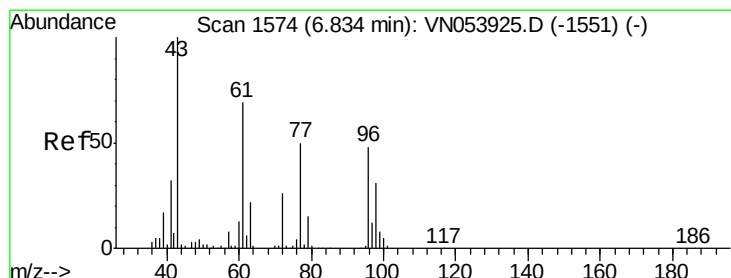
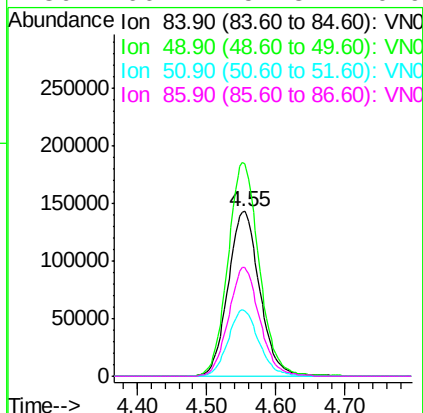
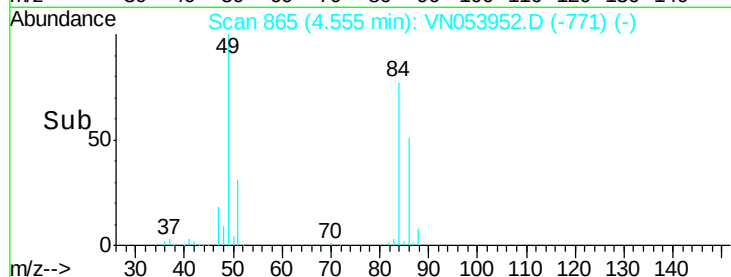
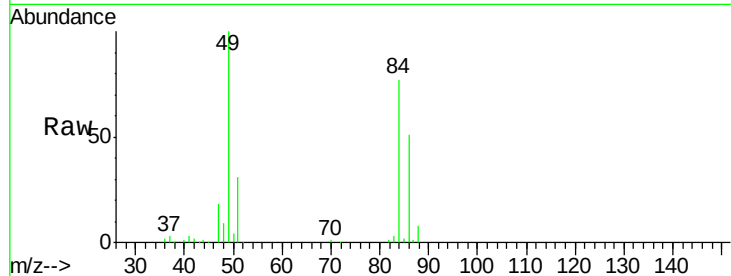




#20
Methylene Chloride
Concen: 62.523 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053952.D
Acq: 26 Feb 2019 13:57

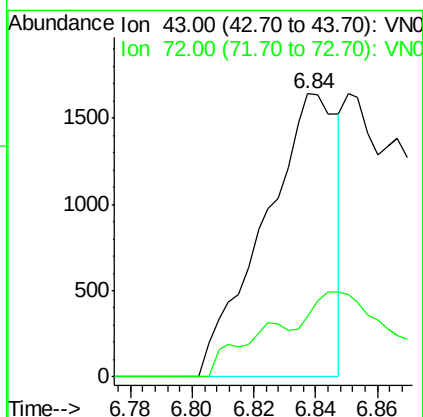
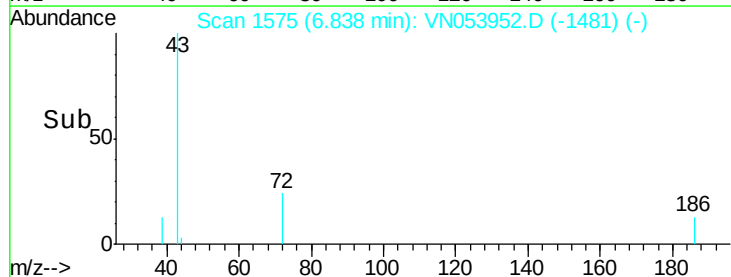
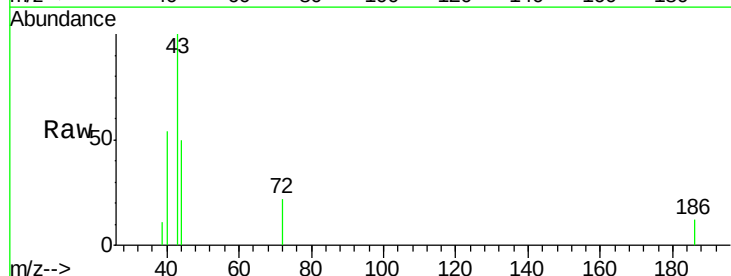
Instrument :
MSVOA_N
ClientSampled :
TP-25

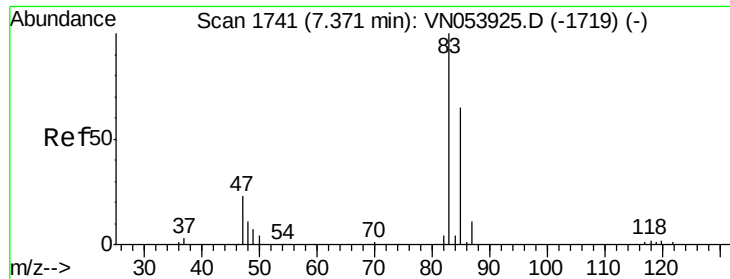
Tot Ion: 84 Resp: 455616
Ion Ratio Lower Upper
84 100
49 129.3 89.7 134.5
51 40.0 27.8 41.8
86 66.2 51.3 76.9



#25
2-Butanone
Concen: 0.930 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN053952.D
Acq: 26 Feb 2019 13:57

Tgt Ion: 43 Resp: 2688
Ion Ratio Lower Upper
43 100
72 21.5 22.1 33.1#

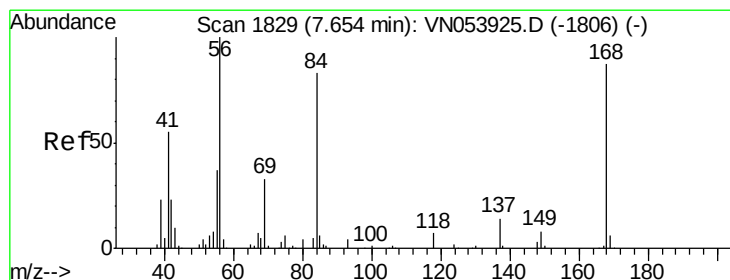
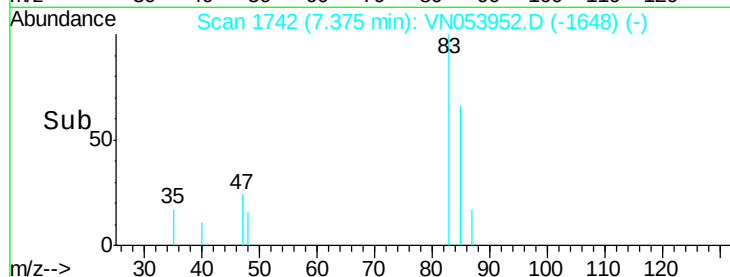
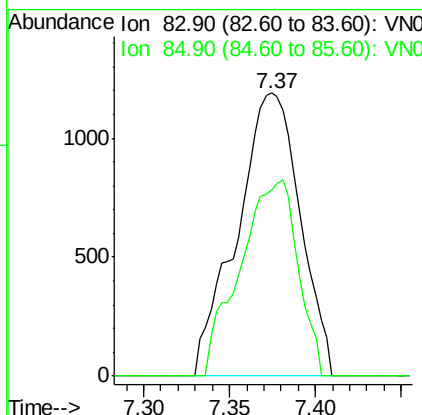
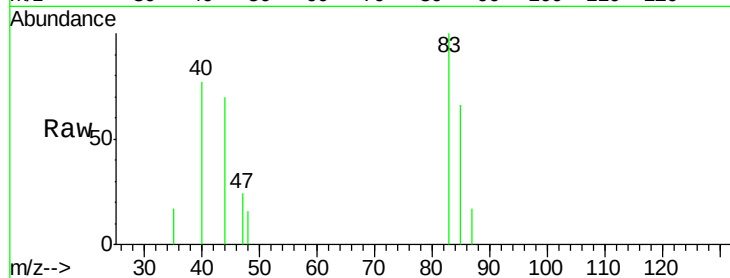




#30
Chloroform
Concen: 0.243 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN053952.D
Acq: 26 Feb 2019 13:57

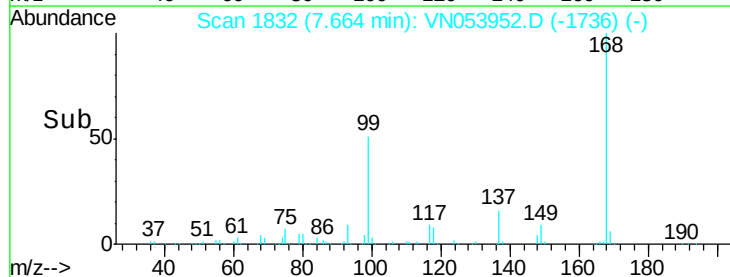
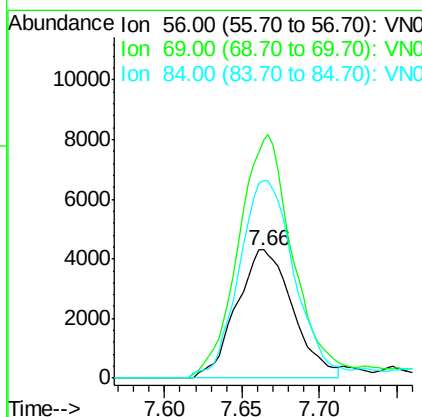
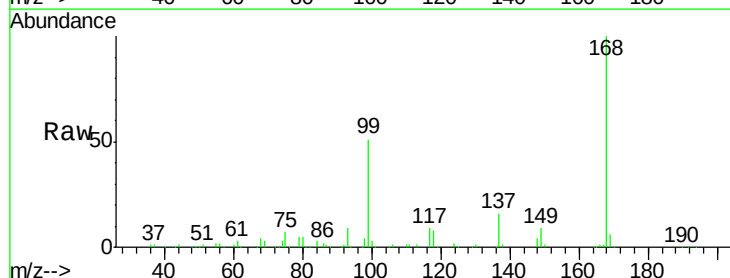
Instrument :
MSVOA_N
ClientSampled :
TP-25

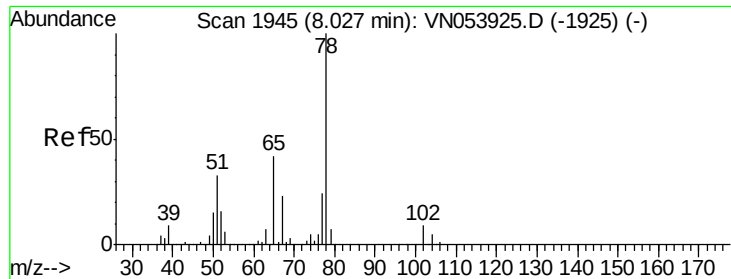
Tot Ion: 83 Resp: 3037
Ion Ratio Lower Upper
83 100
85 65.5 52.6 78.8



#31
Cyclohexane
Concen: 0.522 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN053952.D
Acq: 26 Feb 2019 13:57

Tgt Ion: 56 Resp: 10920
Ion Ratio Lower Upper
56 100
69 185.9 26.0 39.0#
84 154.4 69.1 103.7#

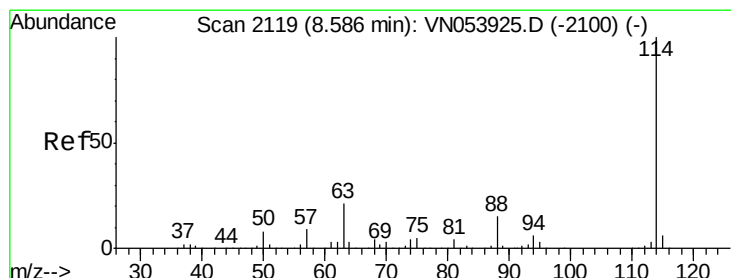
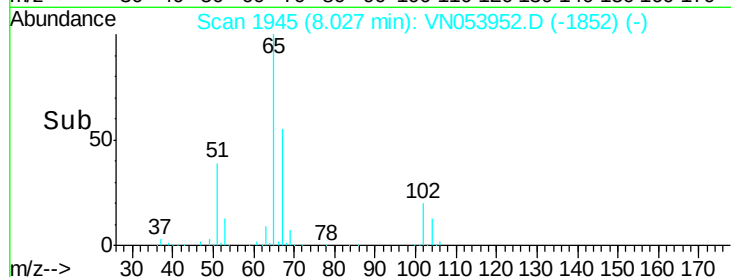
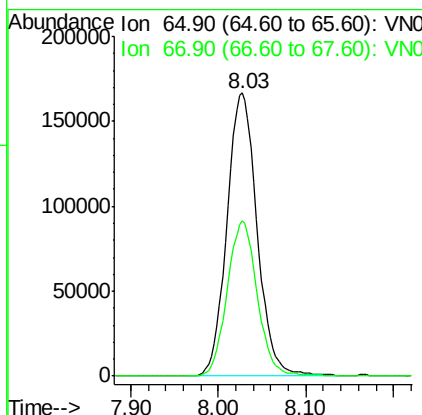
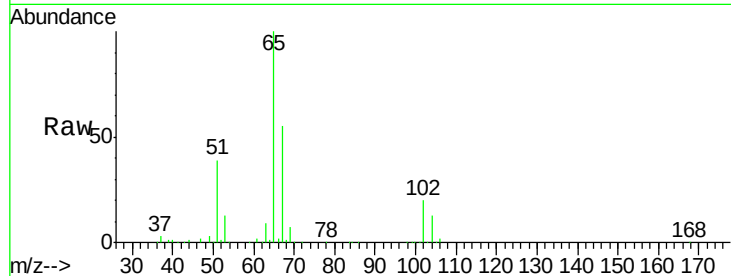




#33
 1,2-Dichloroethane-d4
 Concen: 54.258 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053952.D
 Acq: 26 Feb 2019 13:57

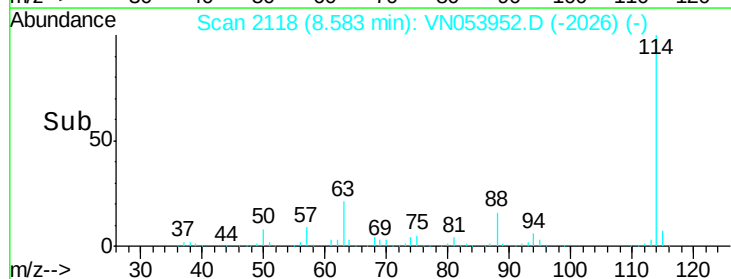
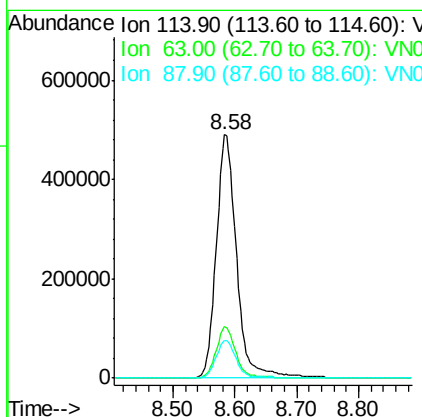
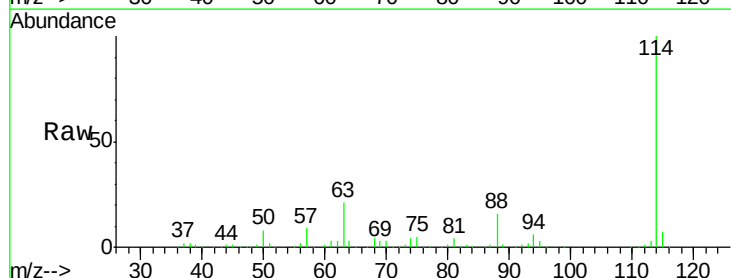
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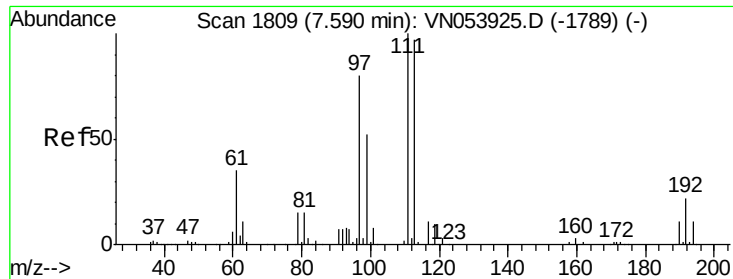
Tot Ion: 65 Resp: 399491
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 111.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN053952.D
 Acq: 26 Feb 2019 13:57

Tgt Ion: 114 Resp: 1120576
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 37.4
 88 15.5 0.0 30.4

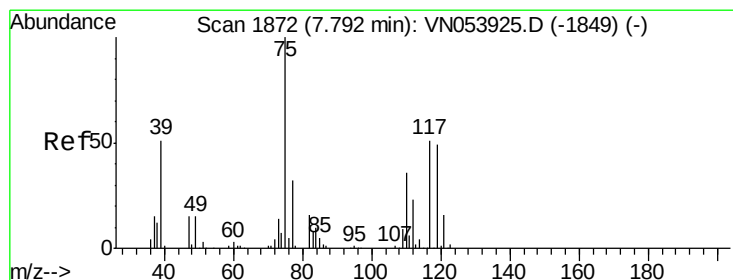
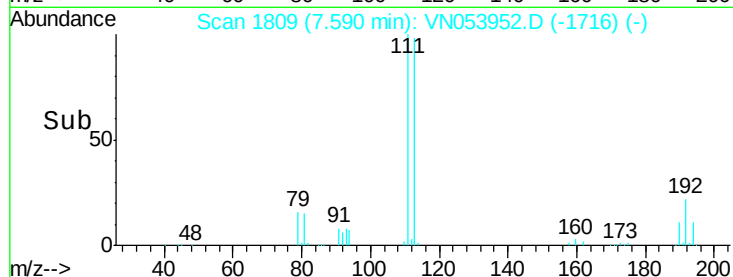
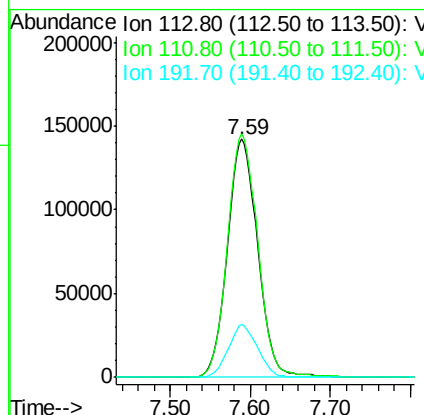
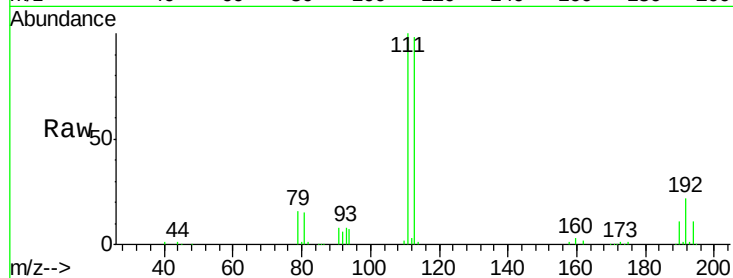




#35
 Dibromofluoromethane
 Concen: 50.580 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053952.D
 Acq: 26 Feb 2019 13:57

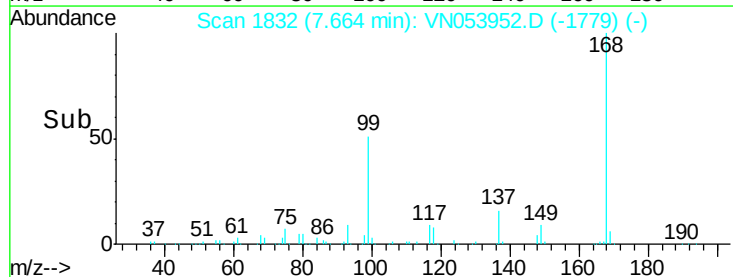
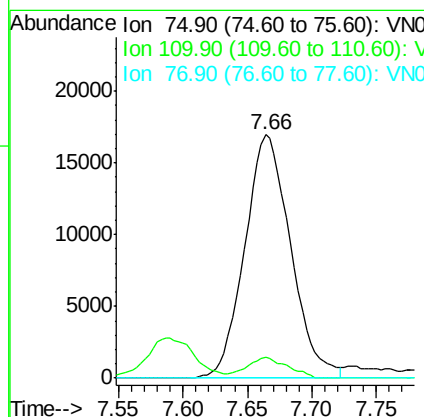
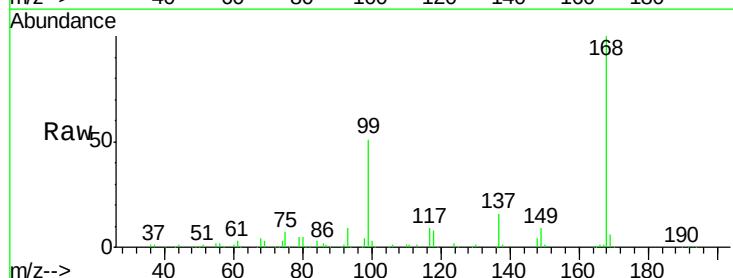
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-25

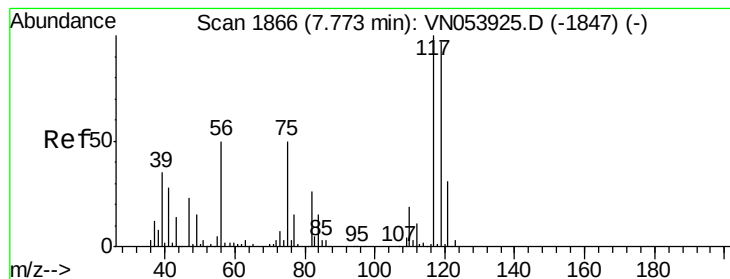
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.1	121.7
192	21.5	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 4.037 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN053952.D
 Acq: 26 Feb 2019 13:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.5	19.0	57.0#
77	0.0	25.4	38.0#





#38

Carbon Tetrachloride

Concen: 5.119 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053952.D

Acq: 26 Feb 2019 13:57

Instrument :

MSVOA_N

ClientSampled :

TP-25

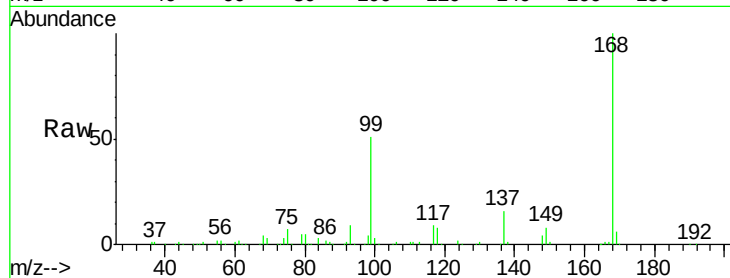
Tot Ion:117 Resp: 55478

Ion Ratio Lower Upper

117 100

119 4.6 76.2 114.2#

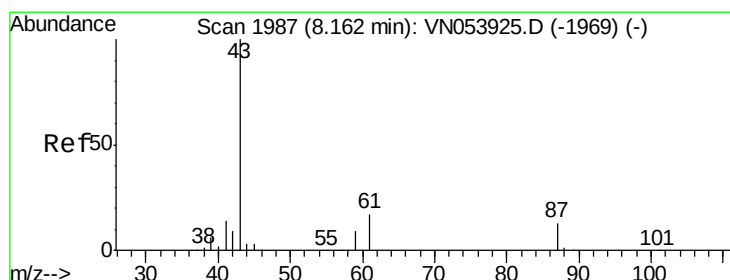
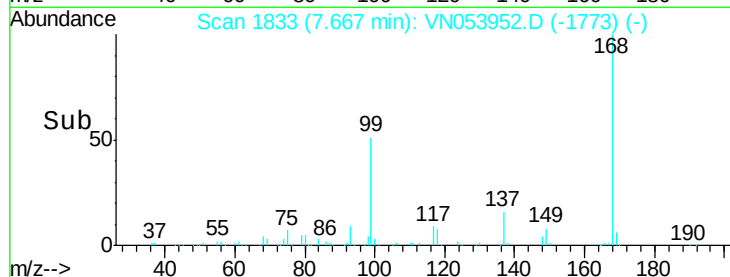
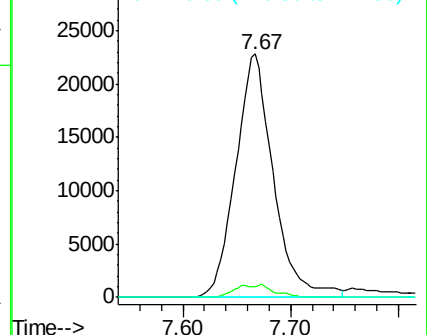
121 0.0 24.6 36.8#



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



#43

Isopropyl Acetate

Concen: 2.553 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053952.D

Acq: 26 Feb 2019 13:57

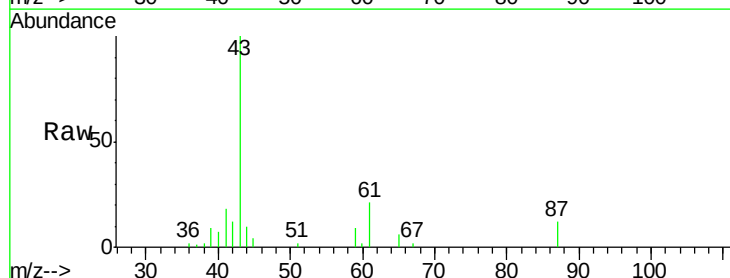
Tgt Ion: 43 Resp: 32072

Ion Ratio Lower Upper

43 100

61 19.5 17.4 26.0

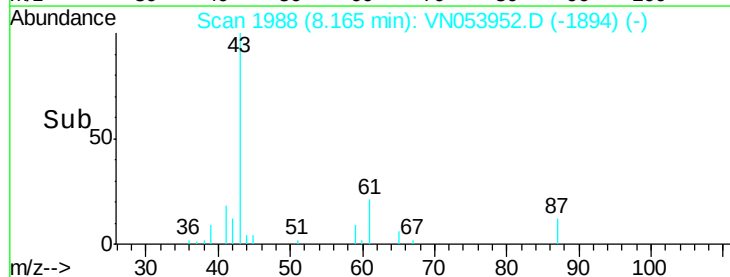
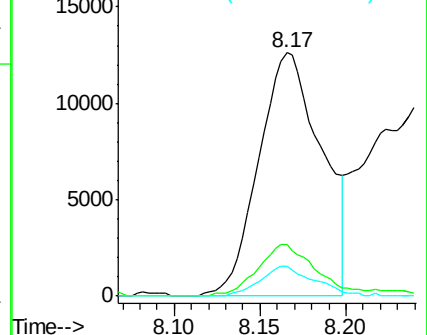
87 10.4 11.5 17.3#

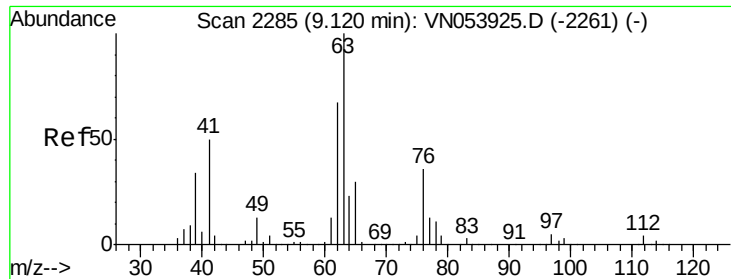


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

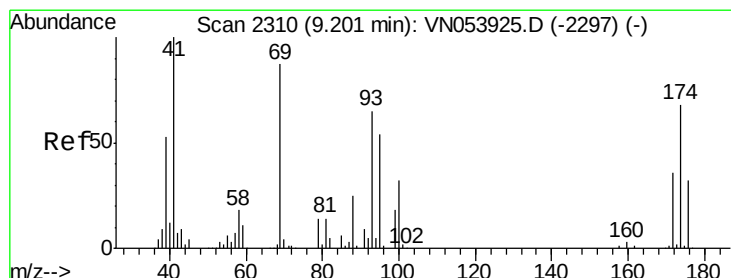
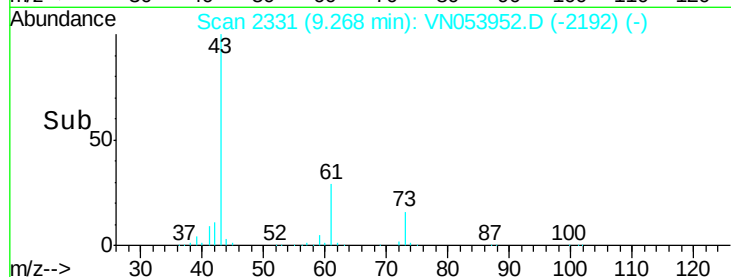
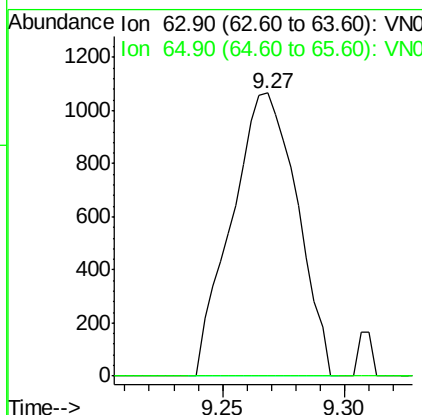
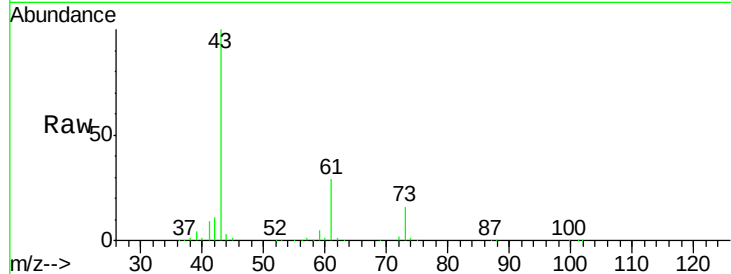




#45
 1,2-Dichloropropane
 Concen: 0.229 ug/l
 RT: 9.27 min Scan# 2331
 Delta R.T. 0.15 min
 Lab File: VN053952.D
 Acq: 26 Feb 2019 13:57

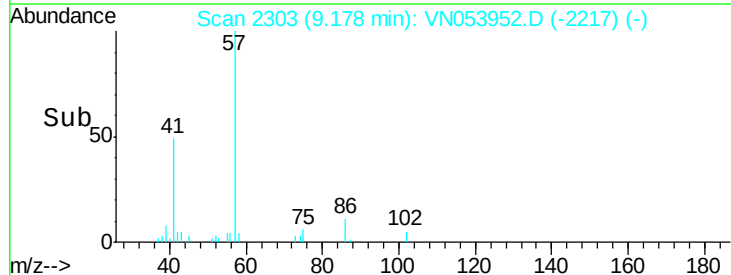
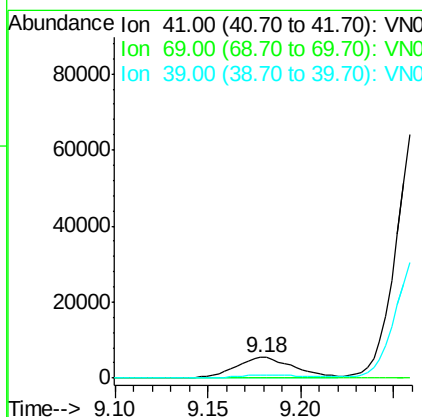
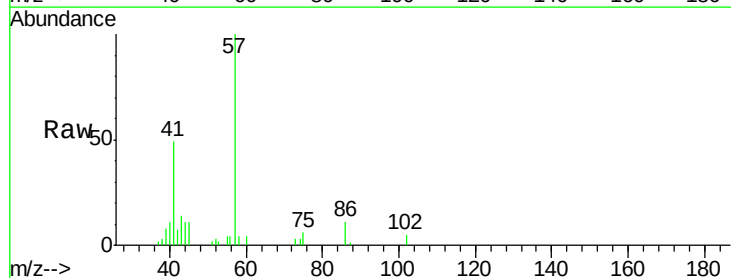
Instrument :
 MSVOA_N
 ClientSampled :
 TP-25

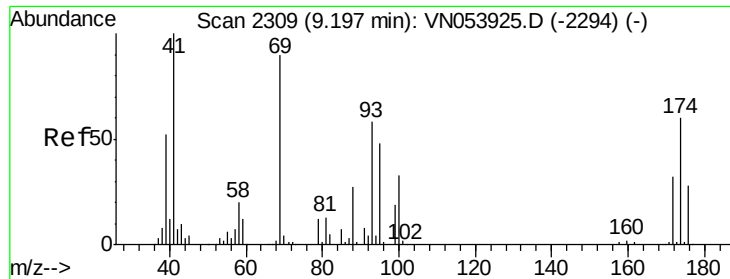
Tot Ion: 63 Resp: 1981
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.3 36.5#



#48
 Methyl methacrylate
 Concen: 1.960 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.02 min
 Lab File: VN053952.D
 Acq: 26 Feb 2019 13:57

Tgt Ion: 41 Resp: 11324
 Ion Ratio Lower Upper
 41 100
 69 0.0 74.8 112.2#
 39 0.0 39.0 58.6#





#49

1,4-Dioxane

Concen: 2.977 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.07 min

Lab File: VN053952.D

Acq: 26 Feb 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

TP-25

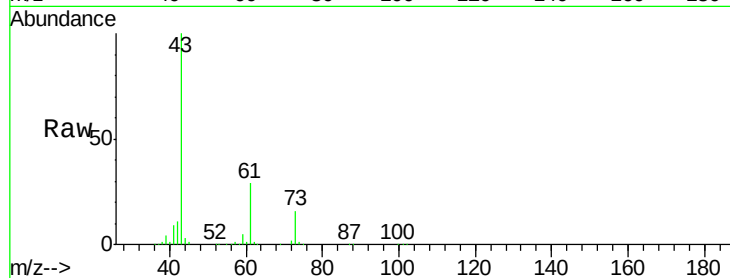
Tot Ion: 88 Resp: 233

Ion Ratio Lower Upper

88 100

43 787329.6 21.2 31.8#

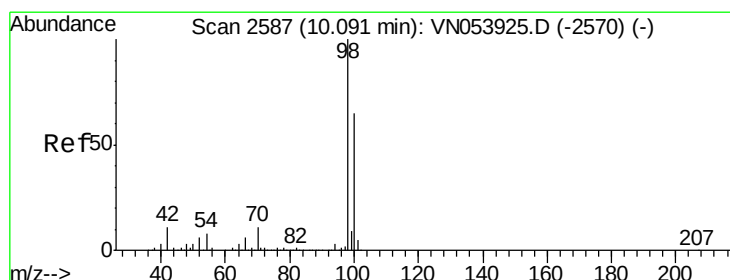
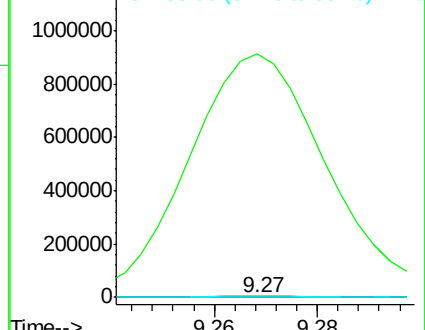
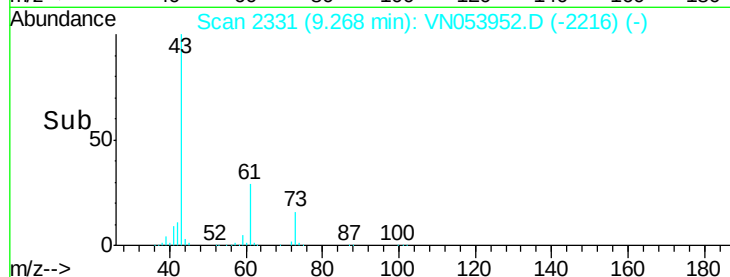
58 3930.0 54.2 81.2#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 53.096 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053952.D

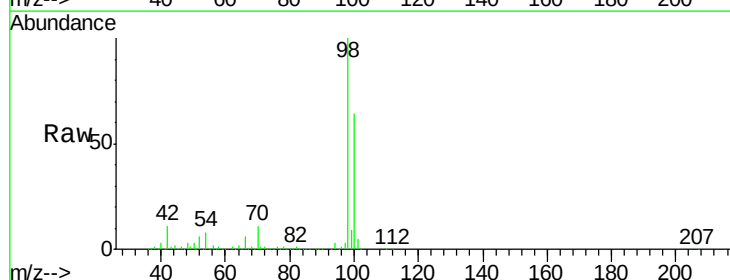
Acq: 26 Feb 2019 13:57

Tgt Ion: 98 Resp: 1432261

Ion Ratio Lower Upper

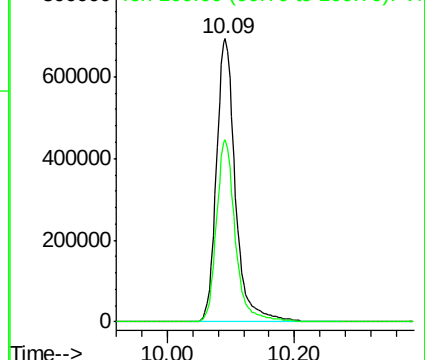
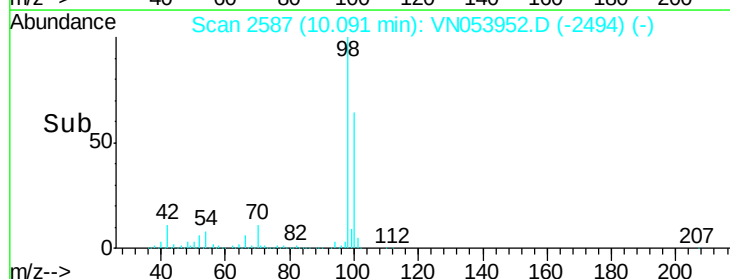
98 100

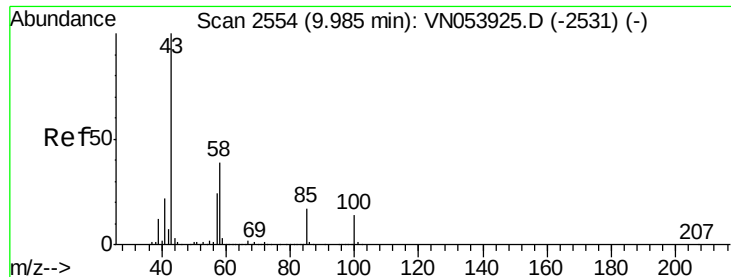
100 64.0 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

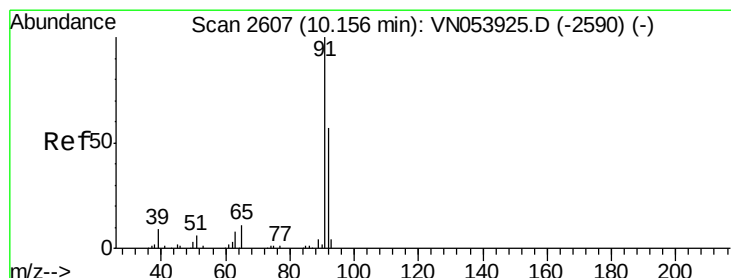
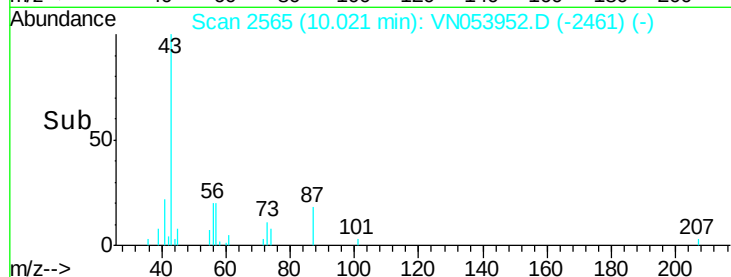
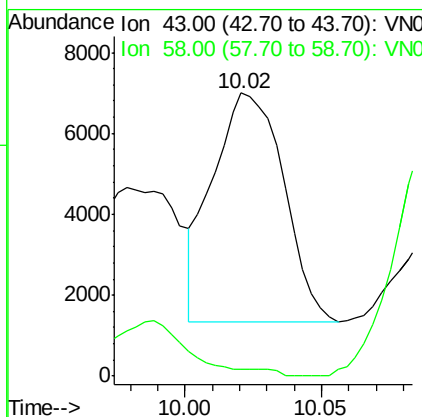
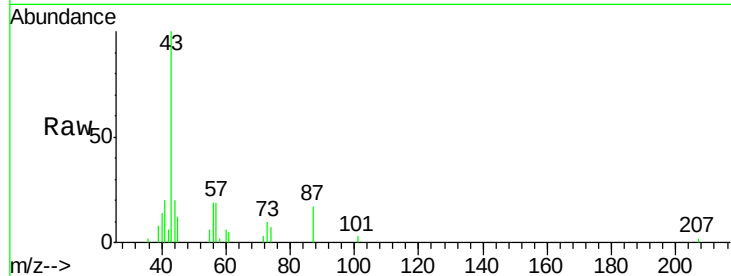




#51
 4-Methyl-2-Pentanone
 Concen: 1.587 ug/l
 RT: 10.02 min Scan# 2565
 Delta R.T. 0.04 min
 Lab File: VN053952.D
 Acq: 26 Feb 2019 13:57

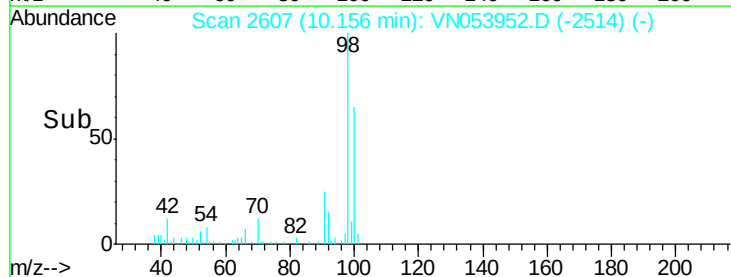
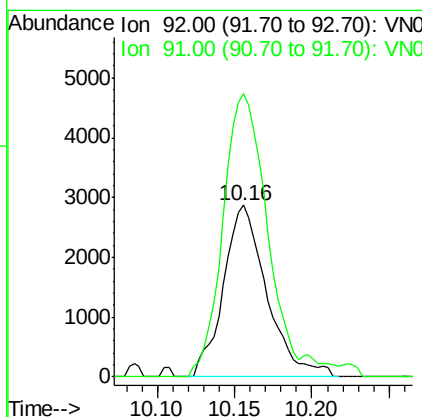
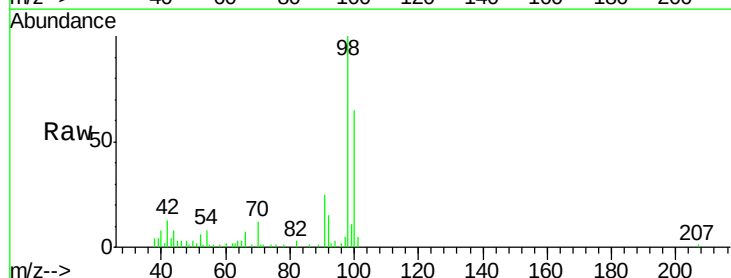
Instrument :
 MSVOA_N
 ClientSampled :
 TP-25

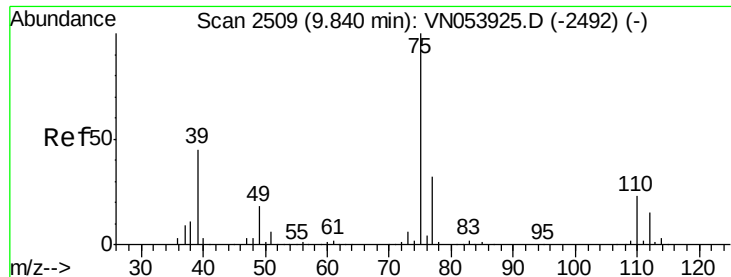
Tot Ion: 43 Resp: 10245
 Ion Ratio Lower Upper
 43 100
 58 0.0 32.7 49.1#



#52
 Toluene
 Concen: 0.297 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN053952.D
 Acq: 26 Feb 2019 13:57

Tgt Ion: 92 Resp: 5590
 Ion Ratio Lower Upper
 92 100
 91 172.3 138.4 207.6





#54

cis-1,3-Dichloropropene

Concen: 6.233 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN053952.D

Acq: 26 Feb 2019 13:57

Instrument :

MSVOA_N

ClientSampled :

TP-25

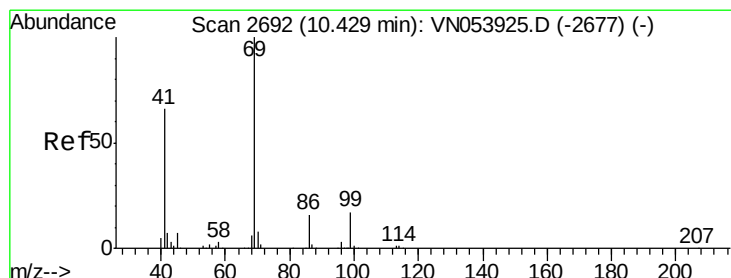
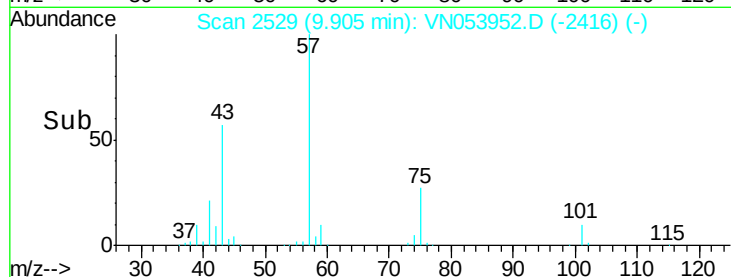
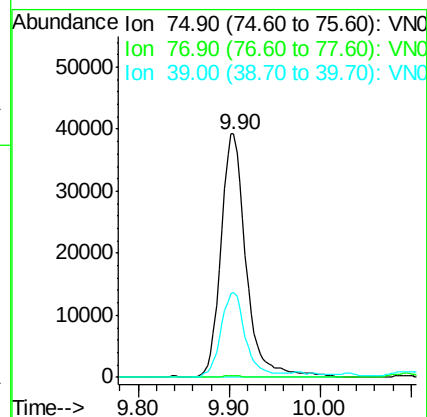
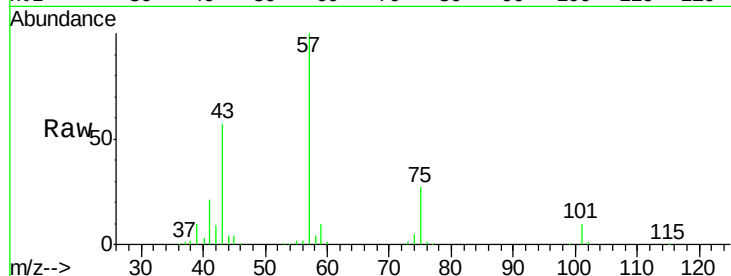
Tot Ion: 75 Resp: 75555

Ion Ratio Lower Upper

75 100

77 0.5 25.8 38.6#

39 34.8 31.4 47.0



#56

Ethyl methacrylate

Concen: 2.130 ug/l

RT: 10.54 min Scan# 2727

Delta R.T. 0.11 min

Lab File: VN053952.D

Acq: 26 Feb 2019 13:57

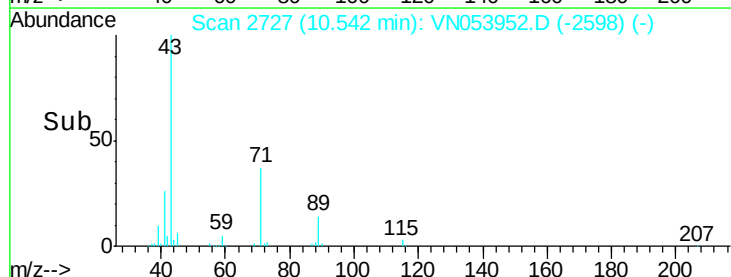
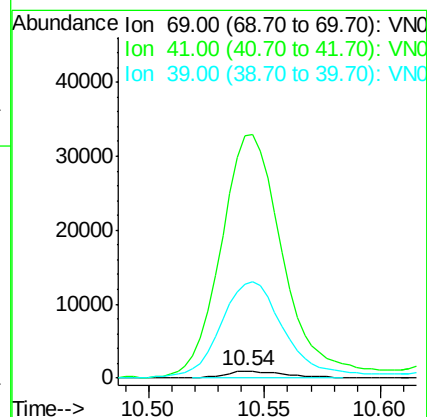
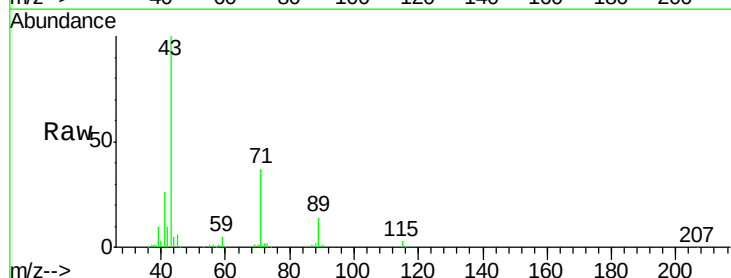
Tgt Ion: 69 Resp: 1678

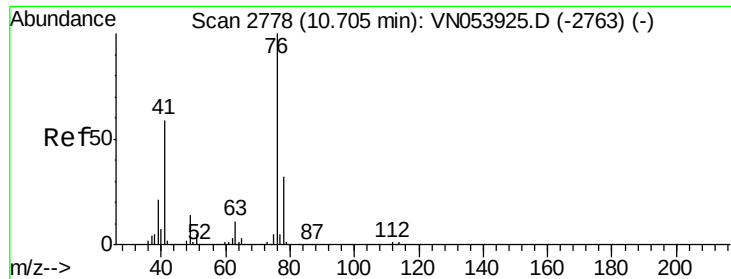
Ion Ratio Lower Upper

69 100

41 3698.0 47.5 71.3#

39 1523.1 23.4 35.0#





#57

1,3-Dichloropropane

Concen: 1.188 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.05 min

Lab File: VN053952.D

Acq: 26 Feb 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

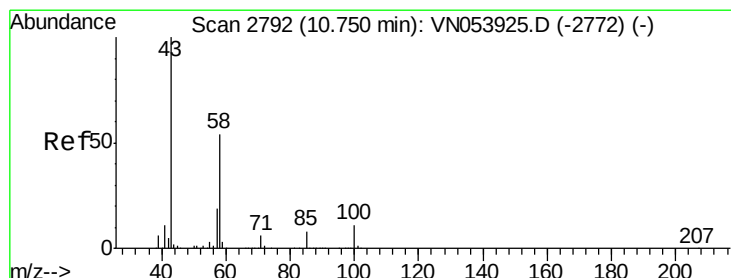
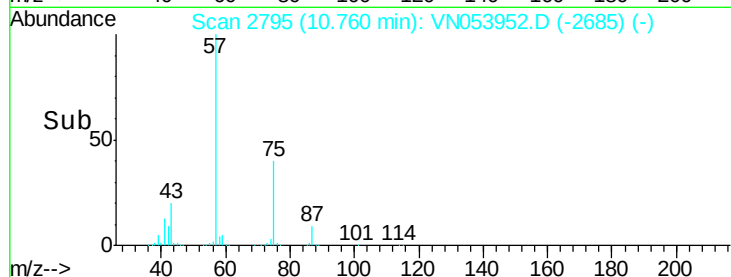
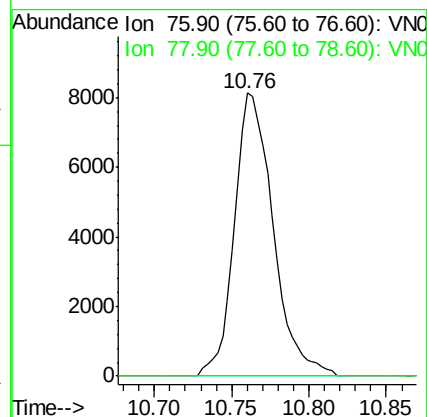
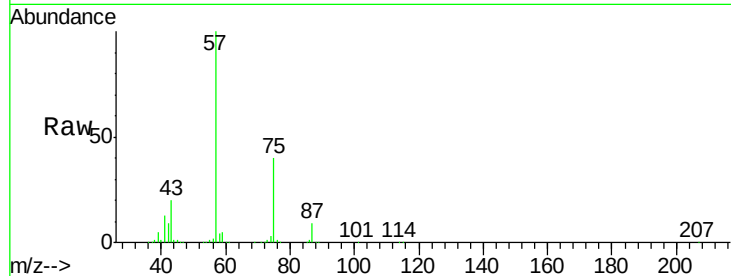
TP-25

Tot Ion: 76 Resp: 14128

Ion Ratio Lower Upper

76 100

78 0.0 25.2 37.8#



#59

2-Hexanone

Concen: 49.241 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN053952.D

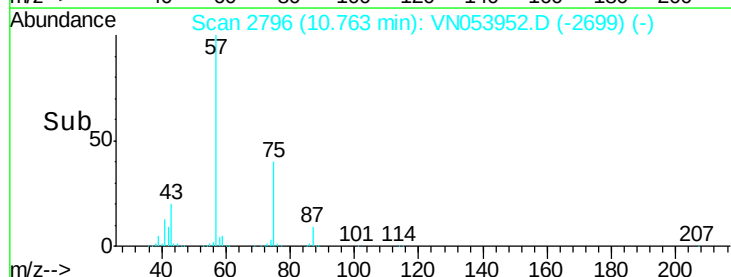
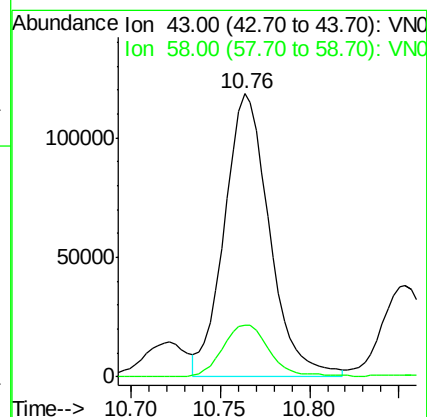
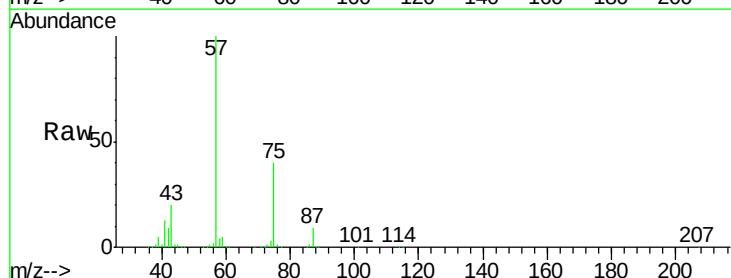
Acq: 26 Feb 2019 13:57

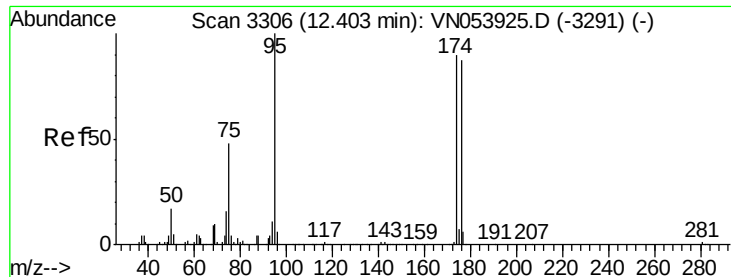
Tgt Ion: 43 Resp: 206757

Ion Ratio Lower Upper

43 100

58 19.5 29.1 87.4#





#62

4-Bromofluorobenzene

Concen: 53.703 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053952.D

Acq: 26 Feb 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

TP-25

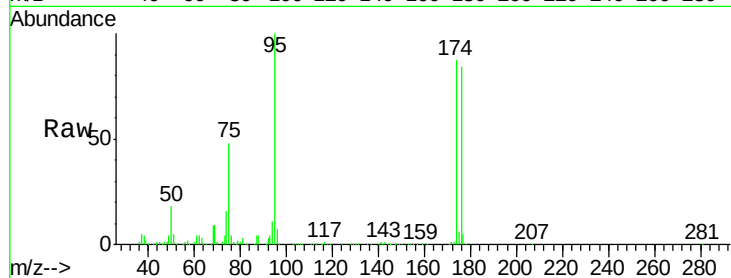
Tot Ion: 95 Resp: 482642

Ion Ratio Lower Upper

95 100

174 86.8 0.0 188.8

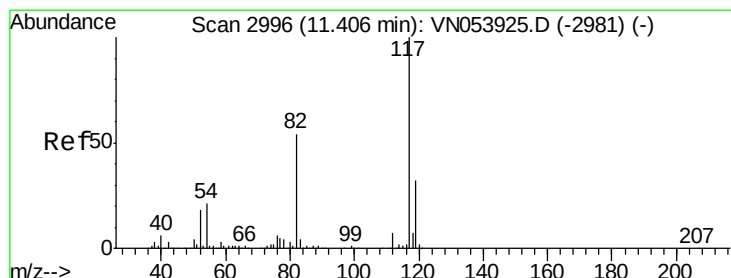
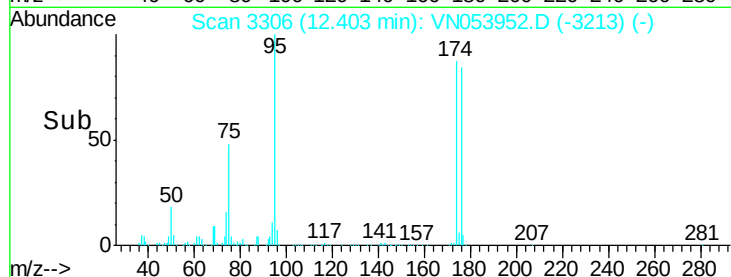
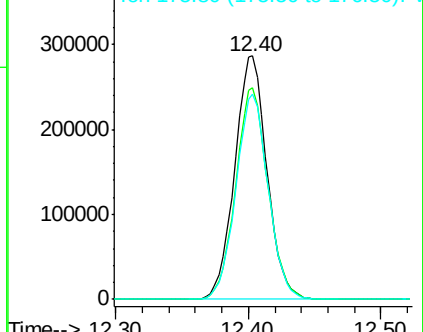
176 84.4 0.0 182.6



Abundance Ion 94.90 (94.60 to 95.60): VN053925.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053925.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053925.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053952.D

Acq: 26 Feb 2019 13:57

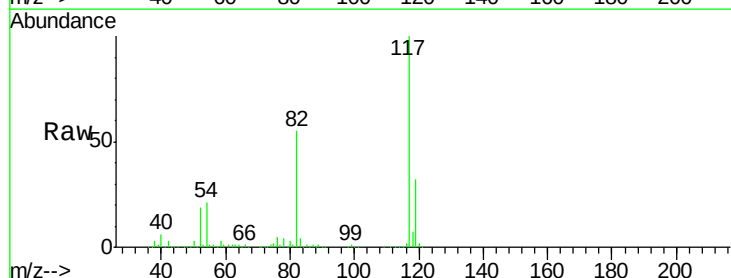
Tgt Ion: 117 Resp: 1090092

Ion Ratio Lower Upper

117 100

82 55.1 41.4 62.2

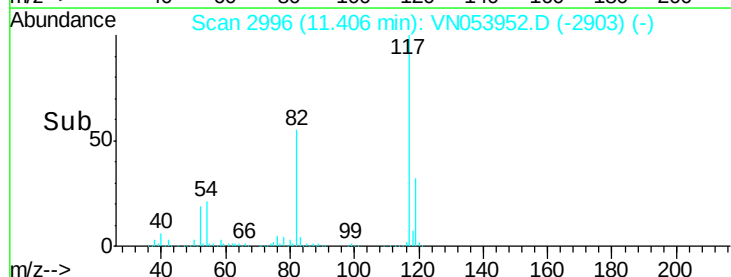
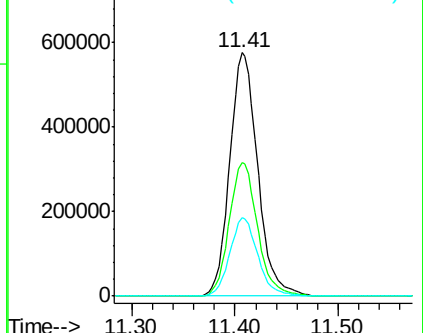
119 32.1 25.3 37.9

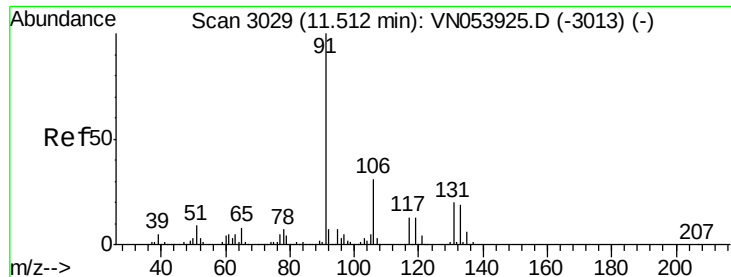


Abundance Ion 116.90 (116.60 to 117.60): VN053925.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN053925.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN053925.D (-2981) (-)

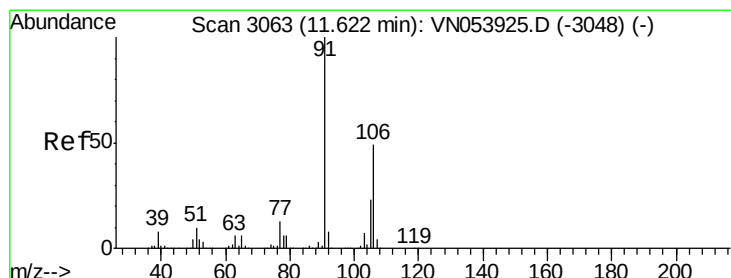
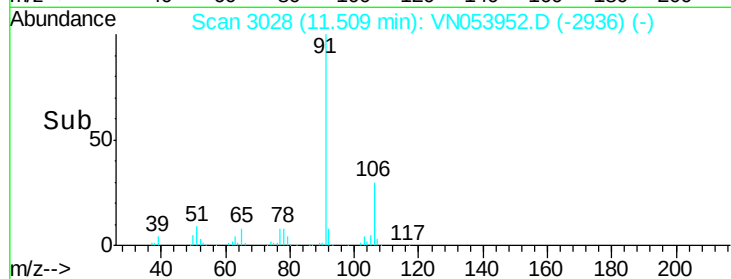
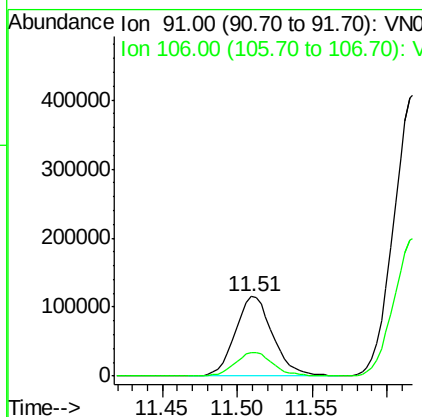
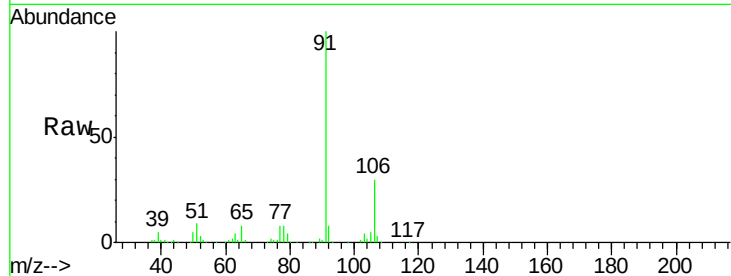




#67
Ethyl Benzene
Concen: 5.226 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN053952.D
Acq: 26 Feb 2019 13:57

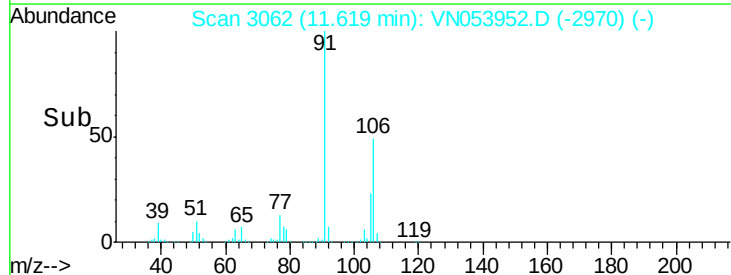
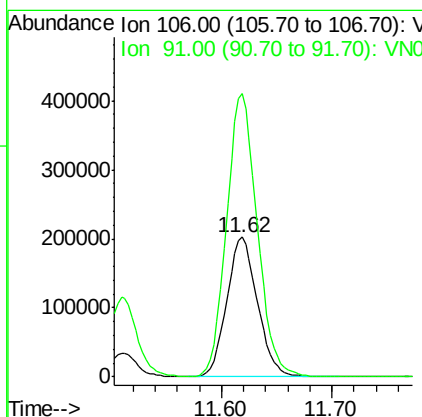
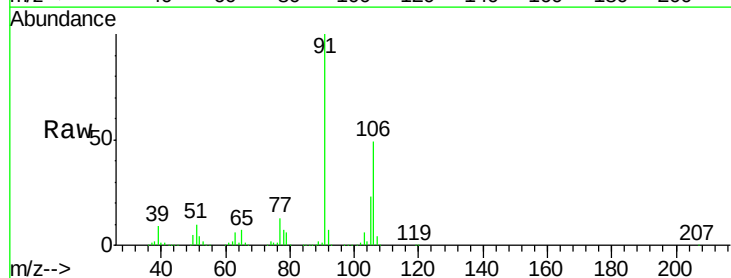
Instrument :
MSVOA_N
ClientSampled :
TP-25

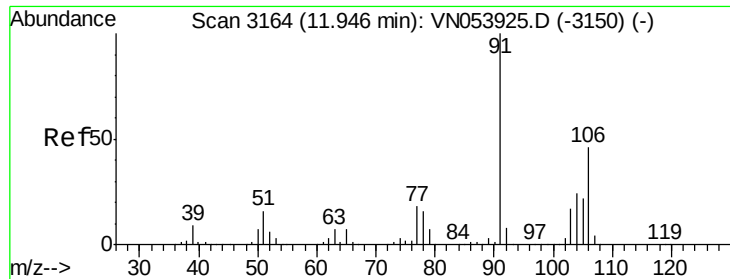
Tot Ion: 91 Resp: 201566
Ion Ratio Lower Upper
91 100
106 30.3 25.2 37.8



#68
m/p-Xylenes
Concen: 26.801 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053952.D
Acq: 26 Feb 2019 13:57

Tgt Ion: 106 Resp: 390126
Ion Ratio Lower Upper
106 100
91 202.3 158.9 238.3

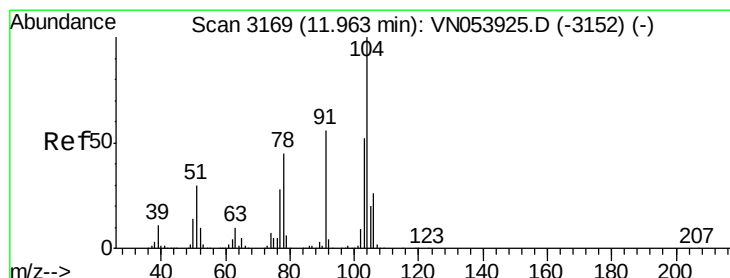
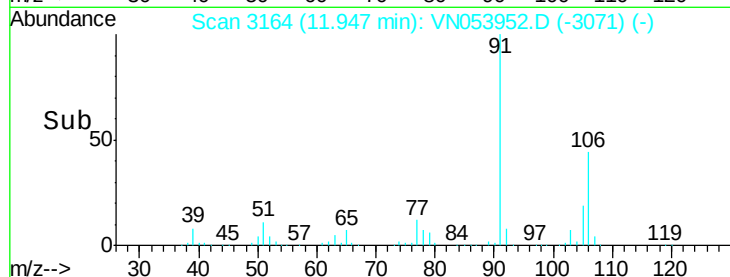
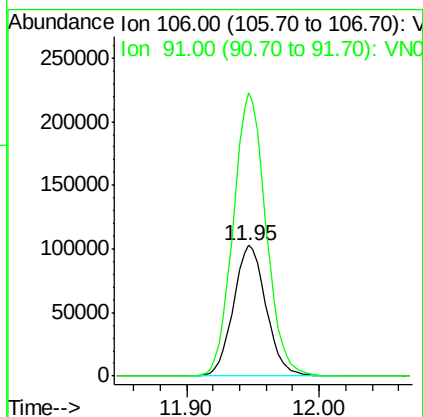
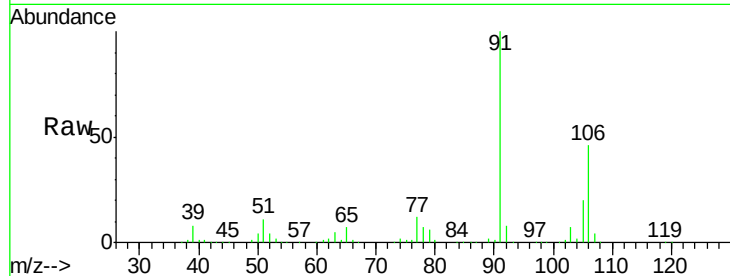




#69
o-Xylene
Concen: 12.292 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053952.D
Acq: 26 Feb 2019 13:57

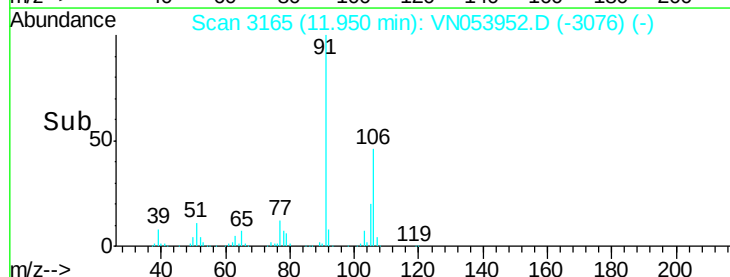
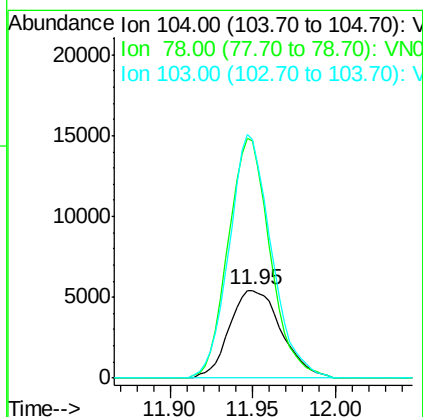
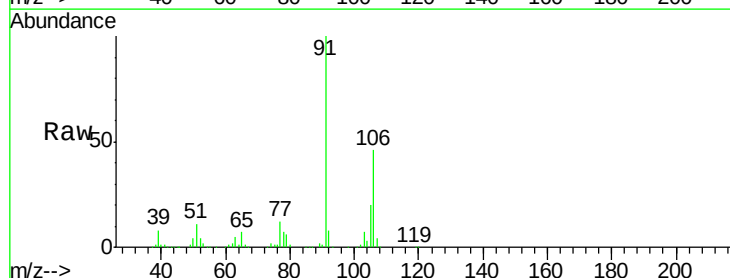
Instrument :
MSVOA_N
ClientSampled :
TP-25

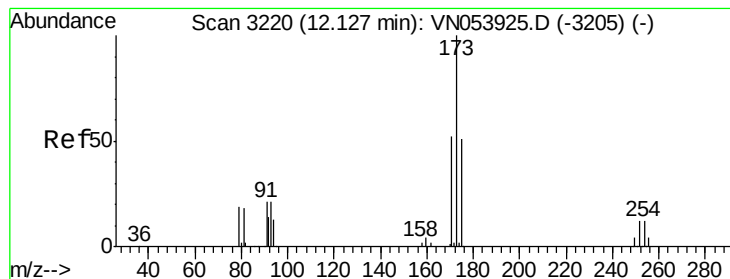
Tot Ion:106 Resp: 175804
Ion Ratio Lower Upper
106 100
91 217.0 106.0 318.0



#70
Styrene
Concen: 0.538 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.01 min
Lab File: VN053952.D
Acq: 26 Feb 2019 13:57

Tgt Ion:104 Resp: 11825
Ion Ratio Lower Upper
104 100
78 220.9 38.1 57.1#
103 225.4 44.6 67.0#





#71

Bromoform

Concen: 0.586 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN053952.D

Acq: 26 Feb 2019 13:57

Instrument :

MSVOA_N

ClientSampled :

TP-25

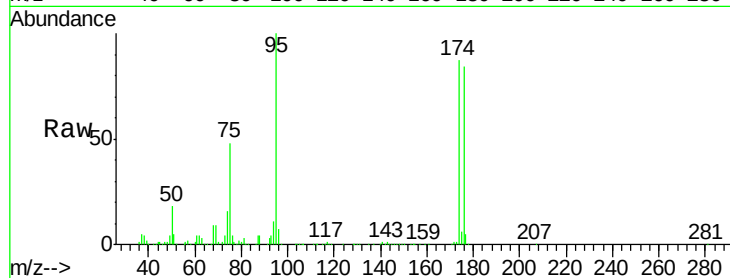
Tot Ion:173 Resp: 3383

Ion Ratio Lower Upper

173 100

175 787.0 24.3 72.8#

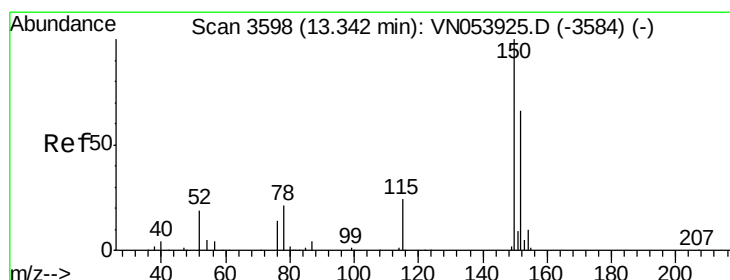
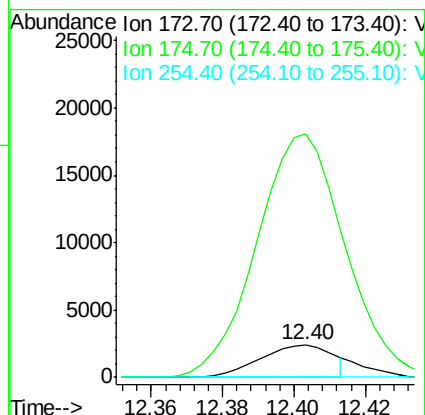
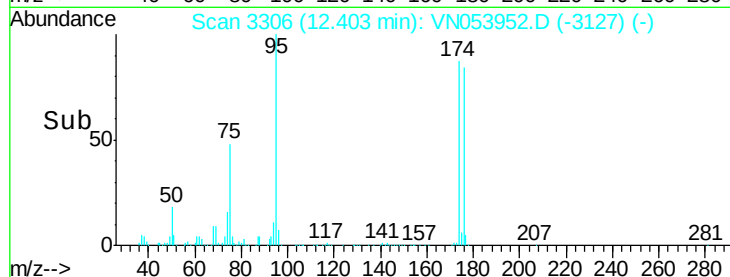
254 0.0 0.2 0.2#



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: VN053952.D

Acq: 26 Feb 2019 13:57

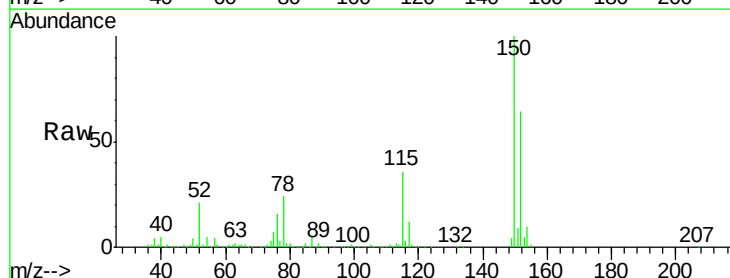
Tgt Ion:152 Resp: 429263

Ion Ratio Lower Upper

152 100

115 58.7 27.2 81.6

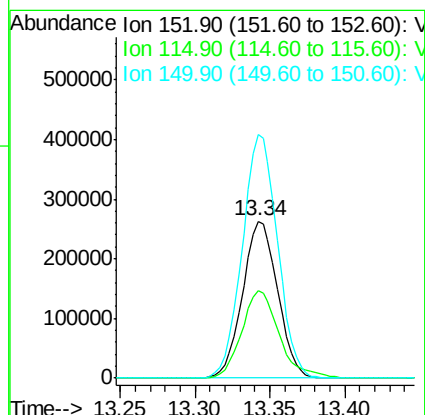
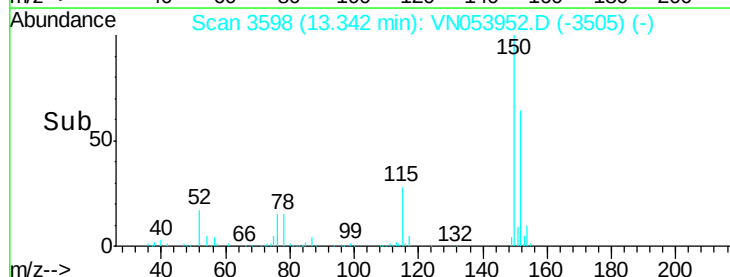
150 155.5 0.0 348.2

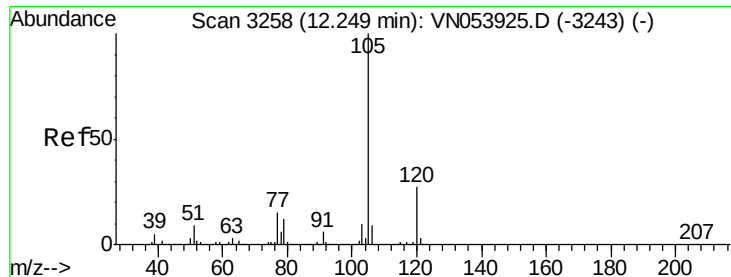


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.341 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053952.D

Acq: 26 Feb 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

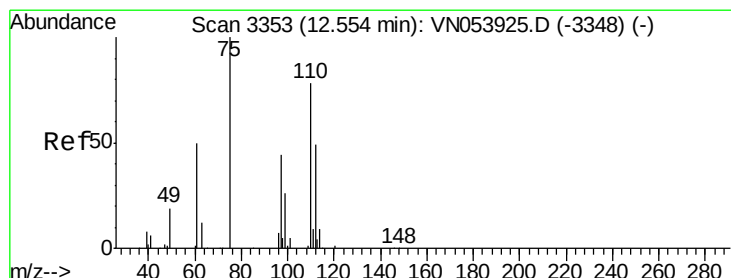
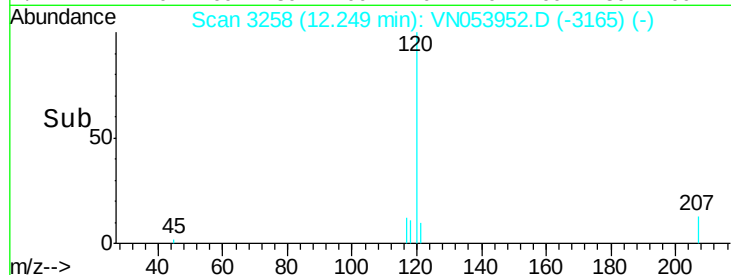
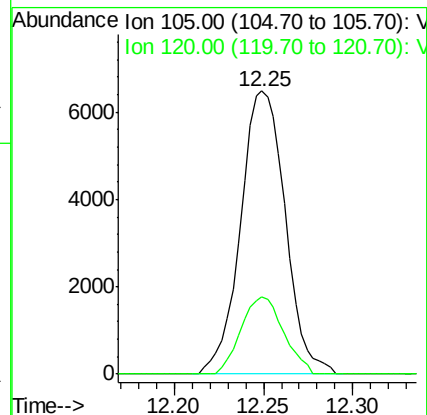
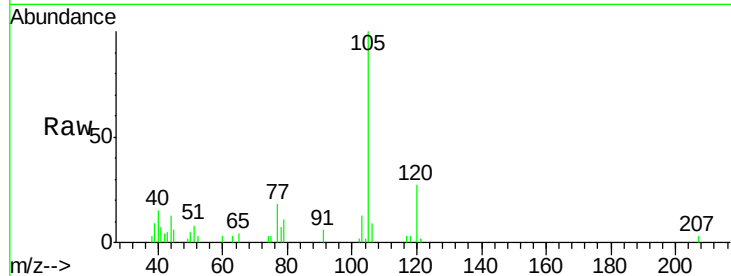
TP-25

Tot Ion:105 Resp: 11382

Ion Ratio Lower Upper

105 100

120 25.9 13.5 40.5



#76

1,2,3-Trichloropropane

Concen: 34.220 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053952.D

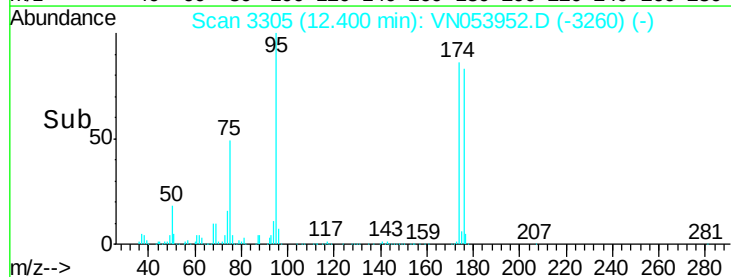
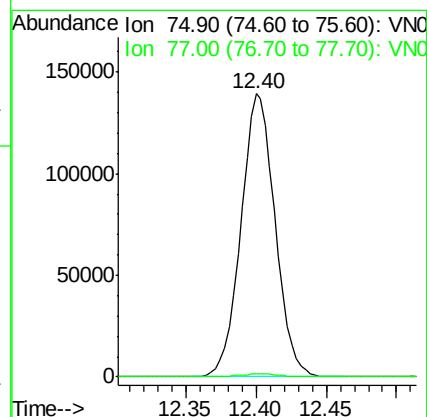
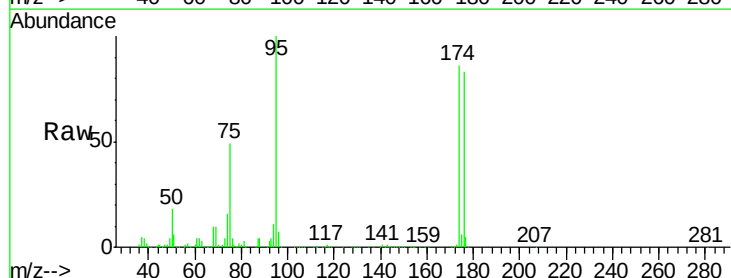
Acq: 26 Feb 2019 13:57

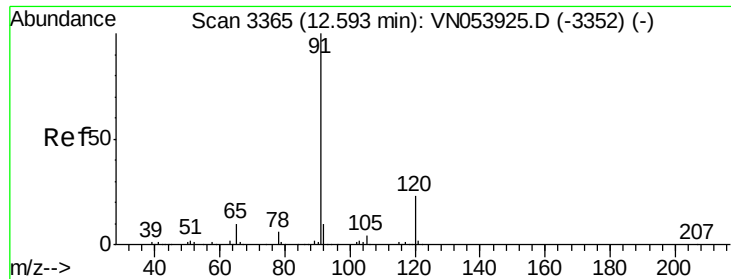
Tgt Ion: 75 Resp: 235642

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#





#78

n-propylbenzene

Concen: 1.732 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053952.D

Acq: 26 Feb 2019 13:57

Instrument :

MSVOA_N

ClientSampled :

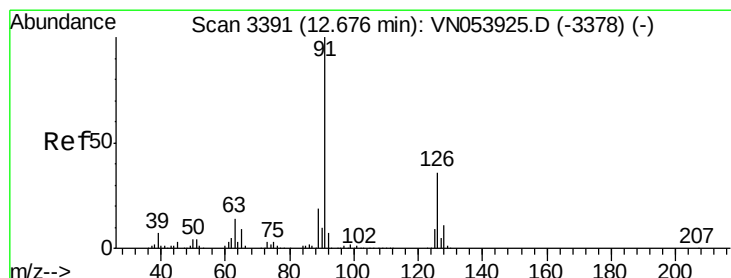
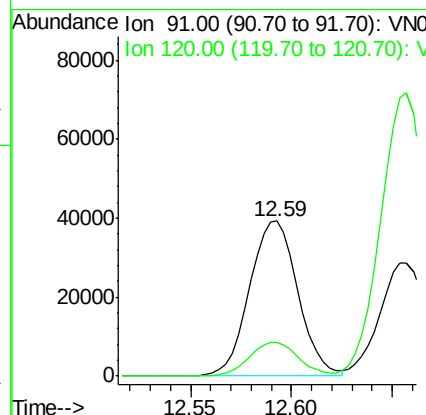
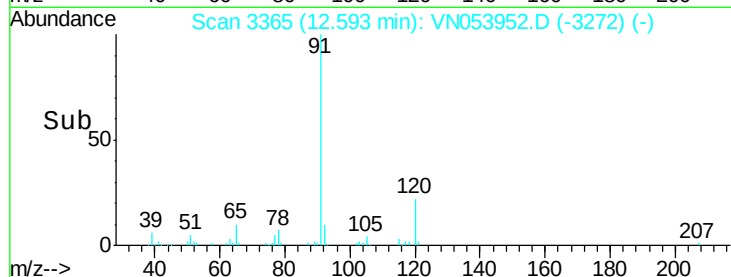
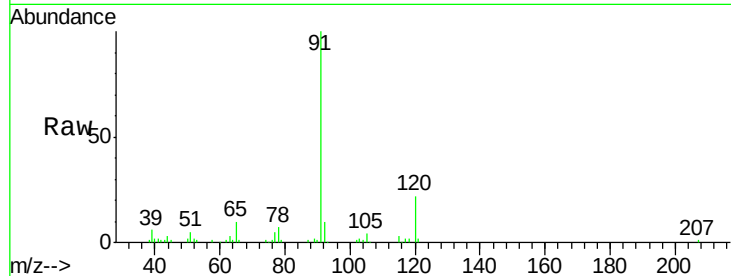
TP-25

Tot Ion: 91 Resp: 65823

Ion Ratio Lower Upper

91 100

120 22.0 11.9 35.9



#79

2-Chlorotoluene

Concen: 1.999 ug/l

RT: 12.65 min Scan# 3384

Delta R.T. -0.02 min

Lab File: VN053952.D

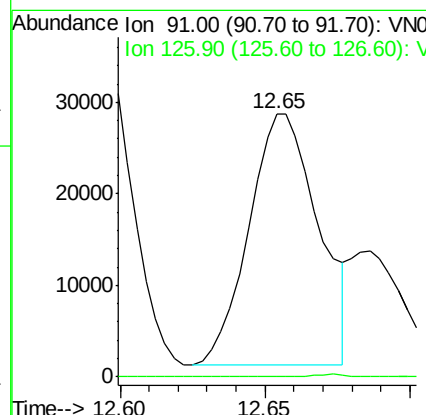
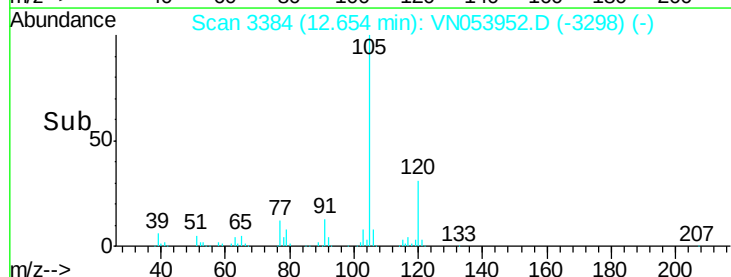
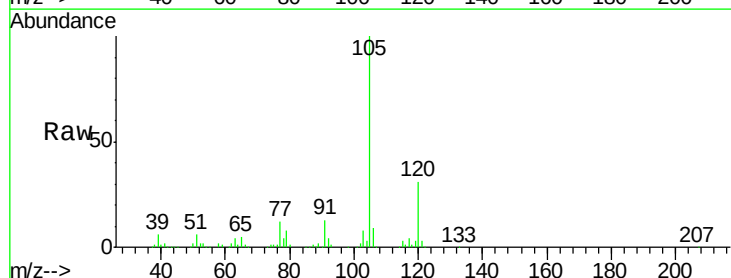
Acq: 26 Feb 2019 13:57

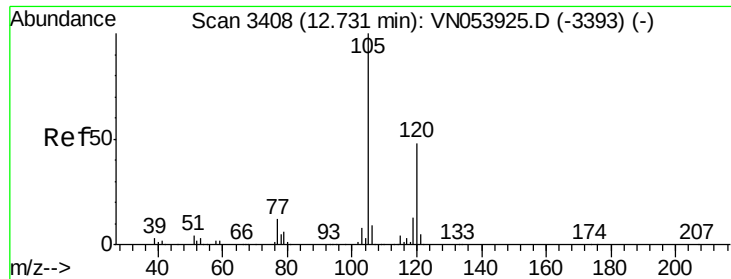
Tgt Ion: 91 Resp: 45631

Ion Ratio Lower Upper

91 100

126 0.4 18.1 54.4#





#80

1,3,5-Trimethylbenzene

Concen: 9.684 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053952.D

Acq: 26 Feb 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

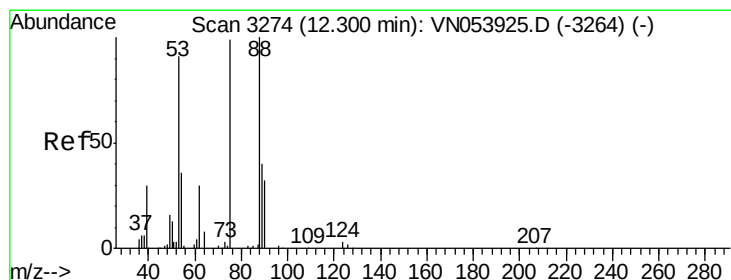
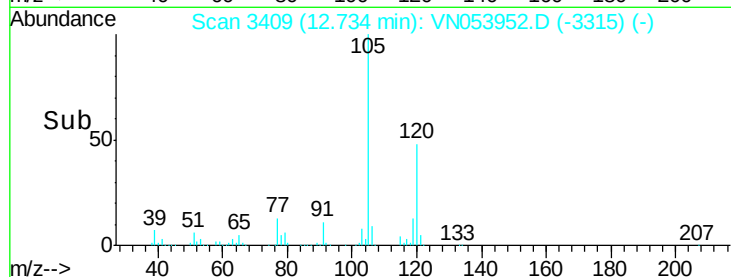
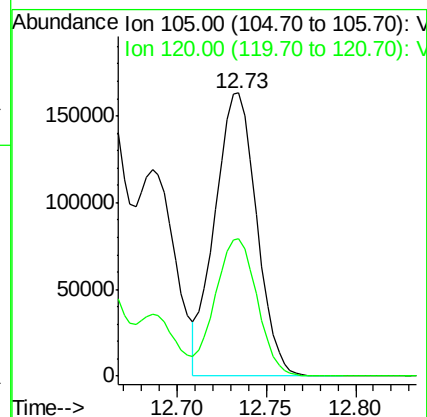
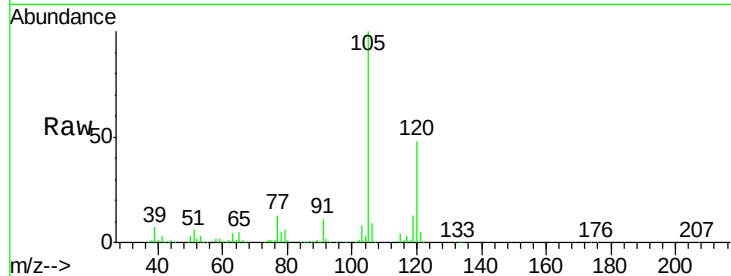
TP-25

Tot Ion:105 Resp: 264920

Ion Ratio Lower Upper

105 100

120 48.7 25.1 75.2



#81

trans-1,4-Dichloro-2-butene

Concen: 108.156 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053952.D

Acq: 26 Feb 2019 13:57

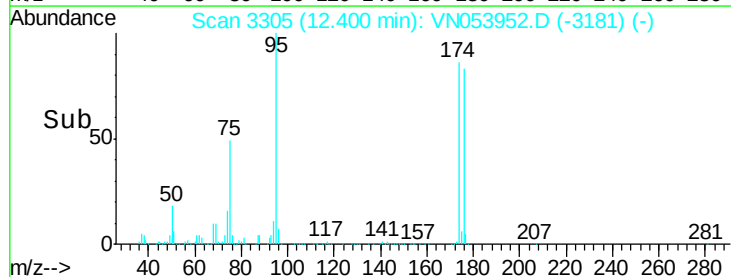
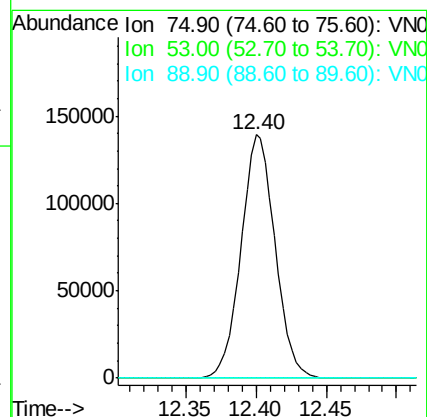
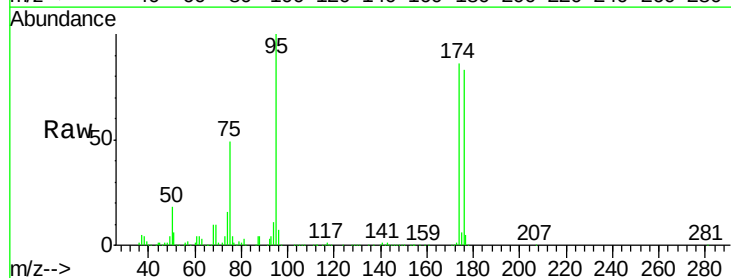
Tgt Ion: 75 Resp: 235642

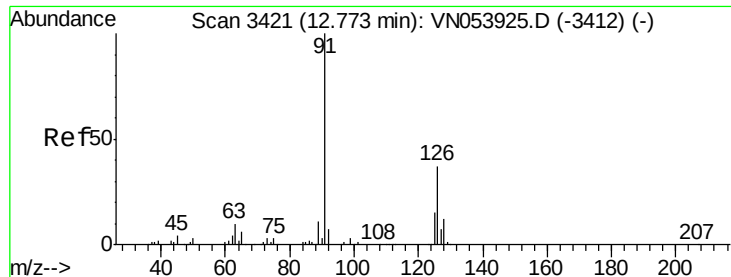
Ion Ratio Lower Upper

75 100

53 0.0 68.6 102.8#

89 0.0 35.3 52.9#





#82

4-Chlorotoluene

Concen: 1.315 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.04 min

Lab File: VN053952.D

Acq: 26 Feb 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

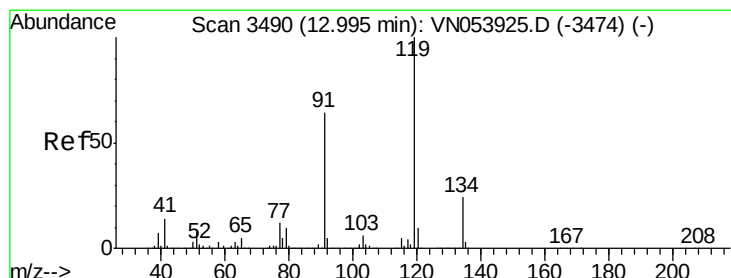
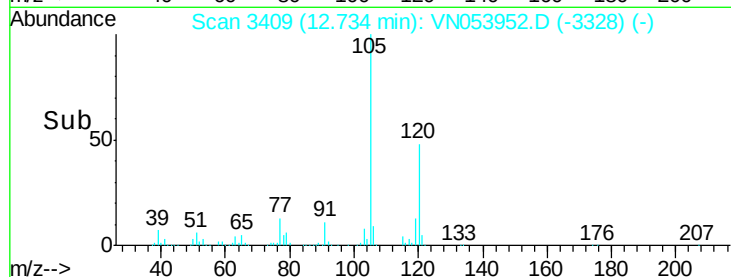
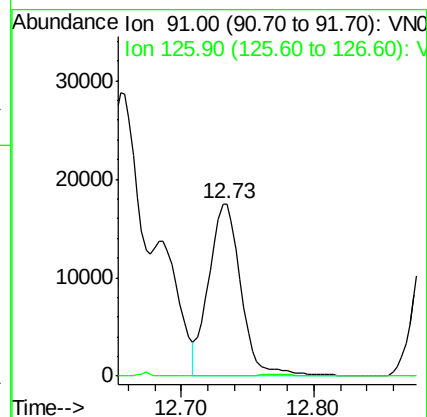
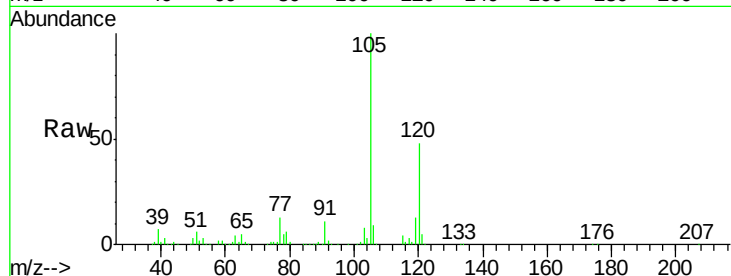
TP-25

Tot Ion: 91 Resp: 29673

Ion Ratio Lower Upper

91 100

126 0.0 18.0 54.0#



#83

tert-Butylbenzene

Concen: 7.003 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.05 min

Lab File: VN053952.D

Acq: 26 Feb 2019 13:57

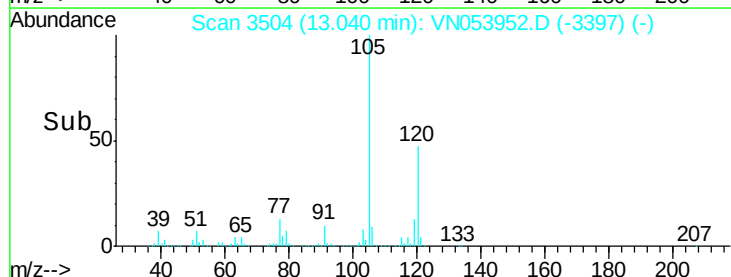
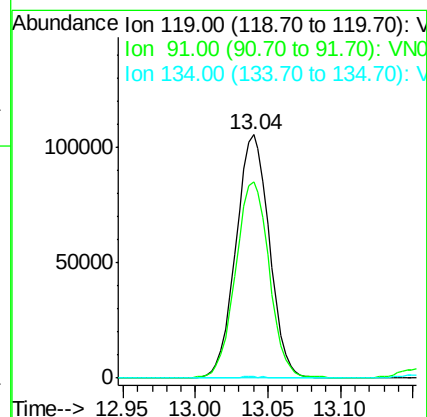
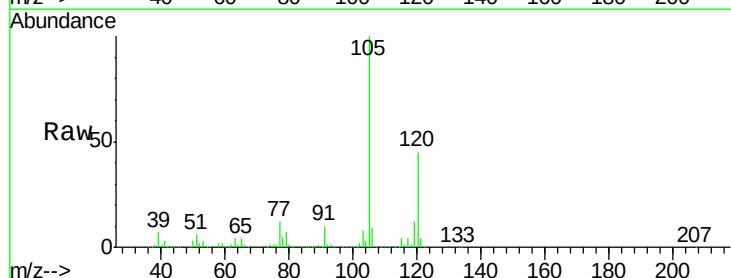
Tgt Ion: 119 Resp: 169426

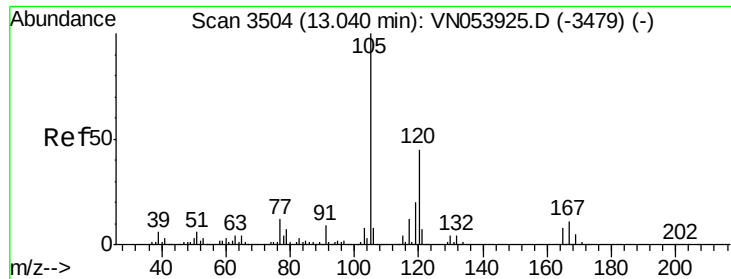
Ion Ratio Lower Upper

119 100

91 81.7 30.6 91.8

134 0.6 13.0 39.0#





#84

1,2,4-Trimethylbenzene

Concen: 50.507 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053952.D

Acq: 26 Feb 2019 13:57

Instrument :

MSVOA_N

ClientSampled :

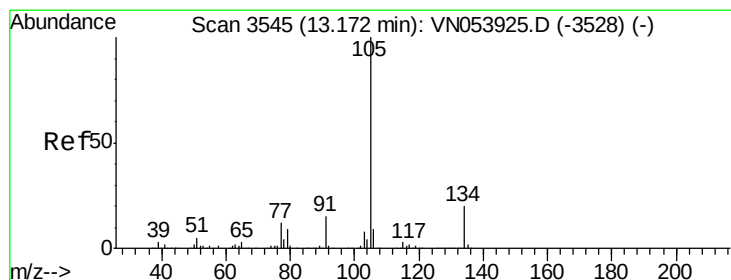
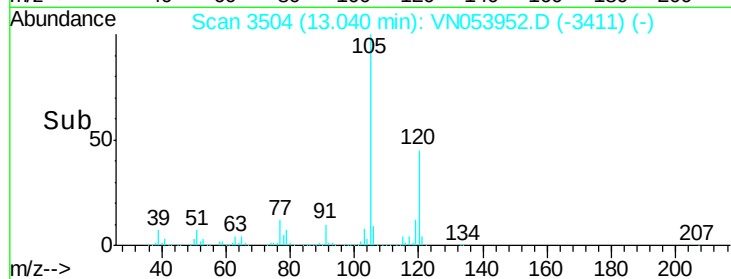
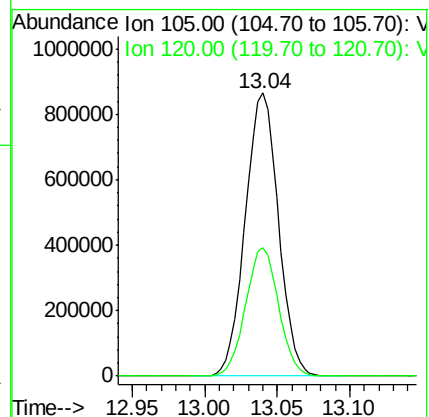
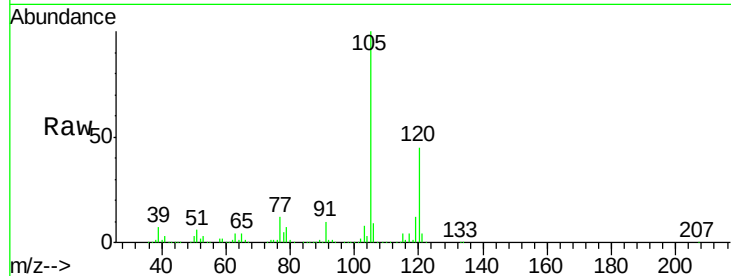
TP-25

Tot Ion:105 Resp: 1379369

Ion Ratio Lower Upper

105 100

120 45.0 23.2 69.5



#85

sec-Butylbenzene

Concen: 41.741 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.13 min

Lab File: VN053952.D

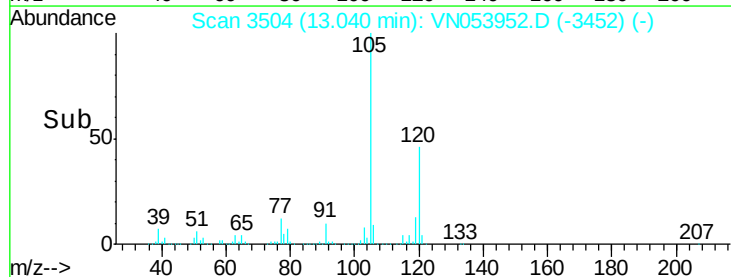
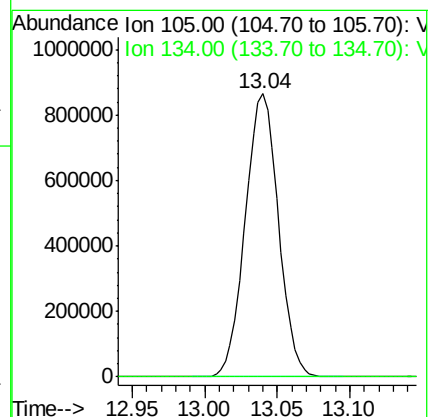
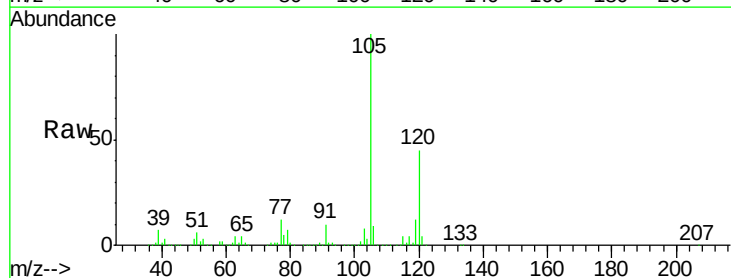
Acq: 26 Feb 2019 13:57

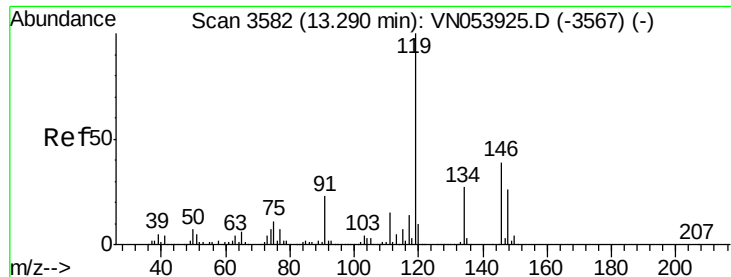
Tgt Ion:105 Resp: 1379369

Ion Ratio Lower Upper

105 100

134 0.1 10.4 31.1#

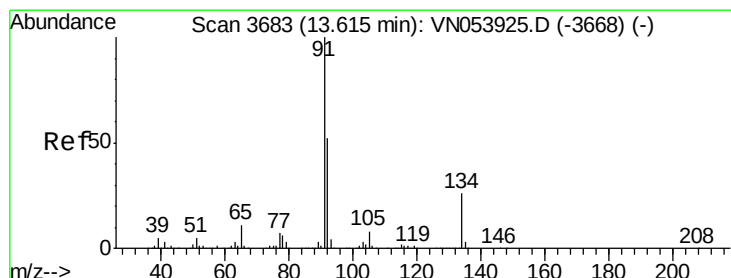
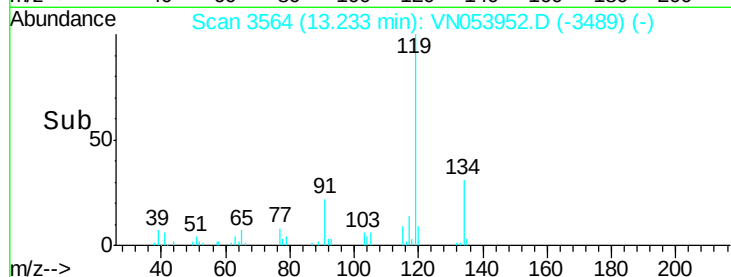
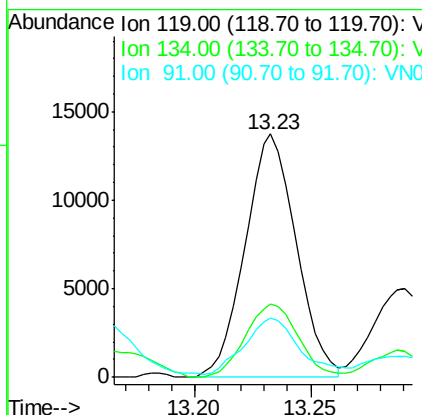
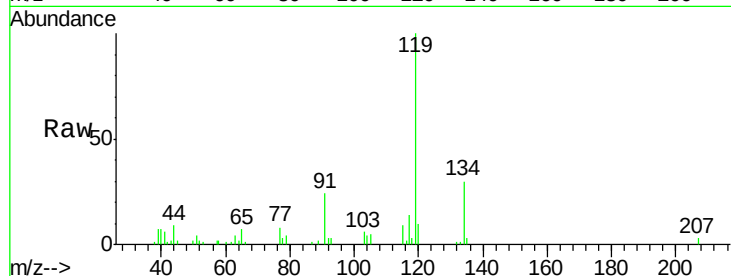




#86
p-Isopropyltoluene
Concen: 0.752 ug/l
RT: 13.23 min Scan# 3564
Delta R.T. -0.06 min
Lab File: VN053952.D
Acq: 26 Feb 2019 13:57

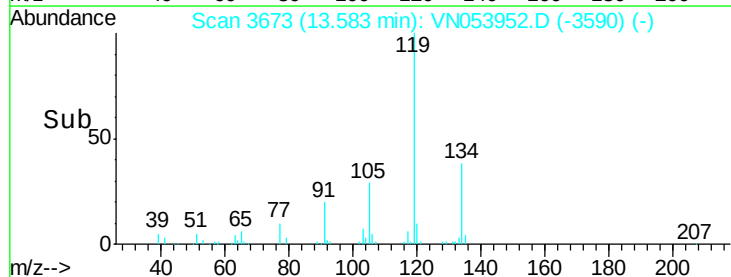
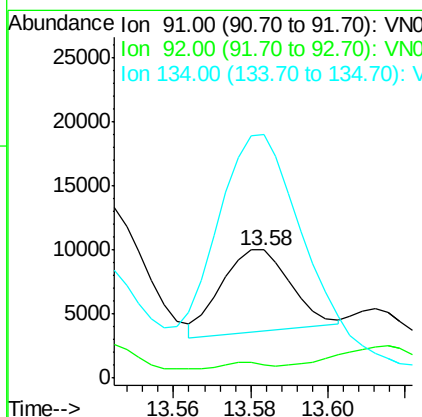
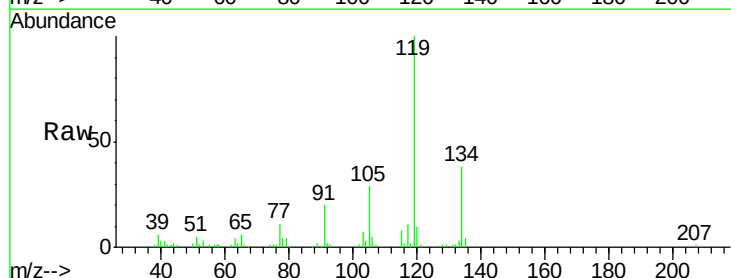
Instrument :
MSVOA_N
ClientSampleId :
TP-25

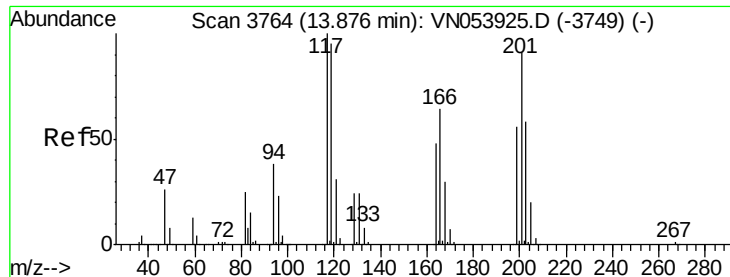
Tot Ion: 119 Resp: 21003
Ion Ratio Lower Upper
119 100
134 31.2 13.5 40.4
91 24.1 10.9 32.6



#89
n-Butylbenzene
Concen: 0.340 ug/l
RT: 13.58 min Scan# 3673
Delta R.T. -0.03 min
Lab File: VN053952.D
Acq: 26 Feb 2019 13:57

Tgt Ion: 91 Resp: 8011
Ion Ratio Lower Upper
91 100
92 16.9 26.1 78.2#
134 420.8 13.6 40.8#





#90

Hexachloroethane

Concen: 1.235 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN053952.D

Acq: 26 Feb 2019 13:57

Instrument :

MSVOA_N

ClientSampled :

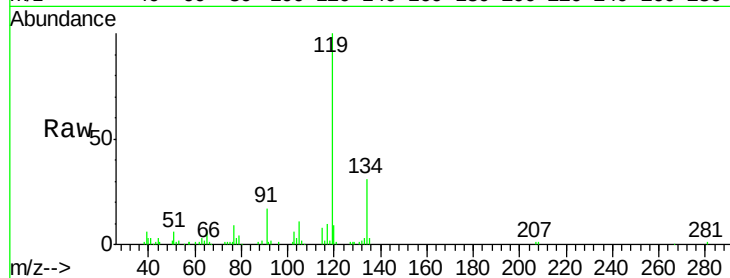
TP-25

Tot Ion:117 Resp: 6685

Ion Ratio Lower Upper

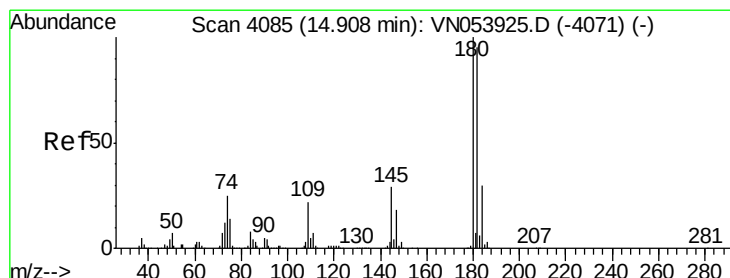
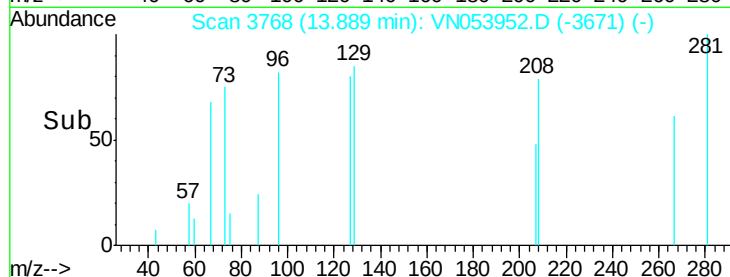
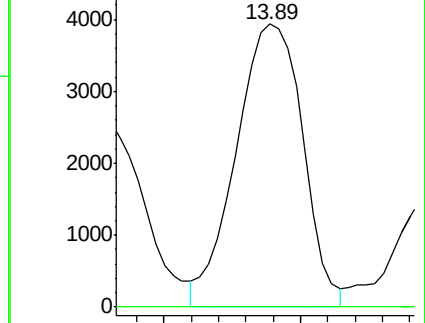
117 100

201 0.0 48.0 144.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#93

1,2,4-Trichlorobenzene

Concen: 2.327 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN053952.D

Acq: 26 Feb 2019 13:57

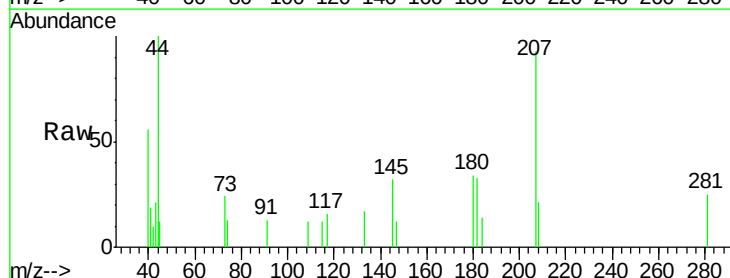
Tgt Ion:180 Resp: 864

Ion Ratio Lower Upper

180 100

182 0.0 48.6 145.9#

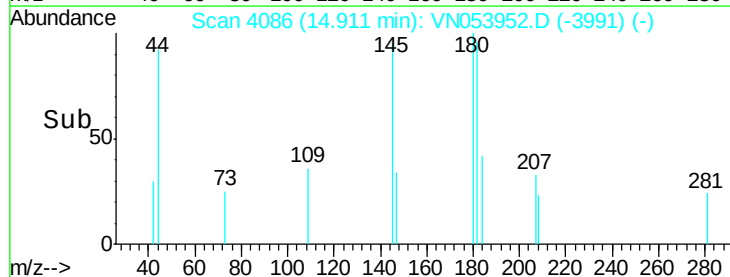
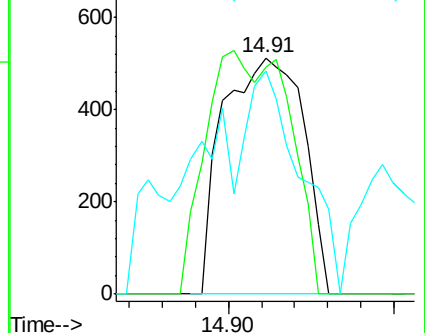
145 65.5 13.8 41.3#

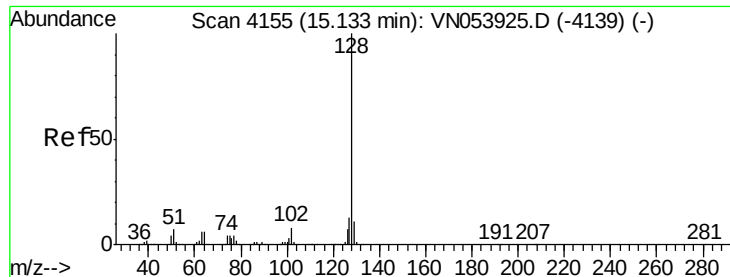


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 5.784 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053952.D

Acq: 26 Feb 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

TP-25

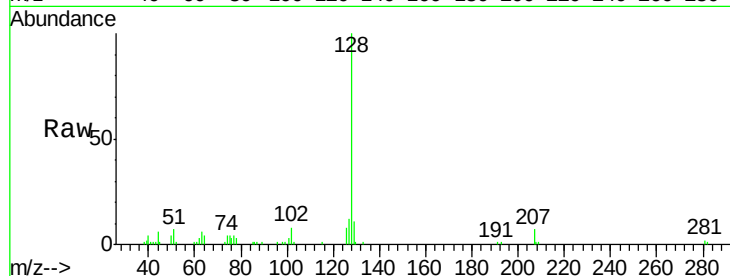
Tot Ion:128 Resp: 46715

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

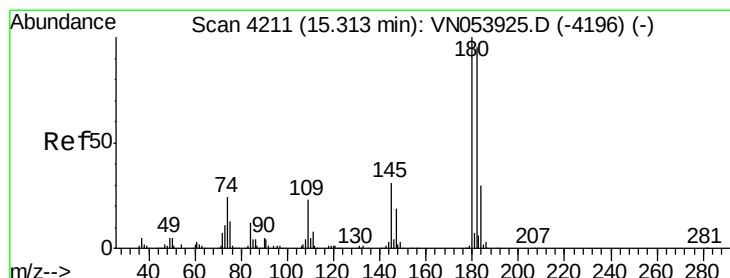
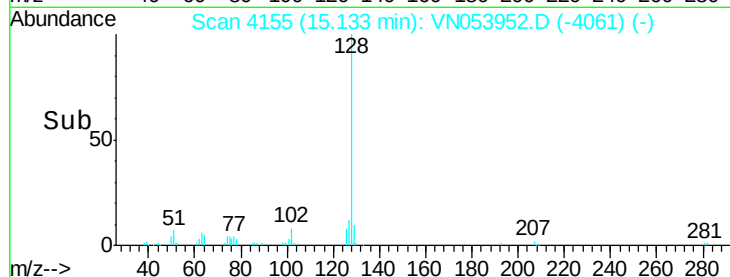
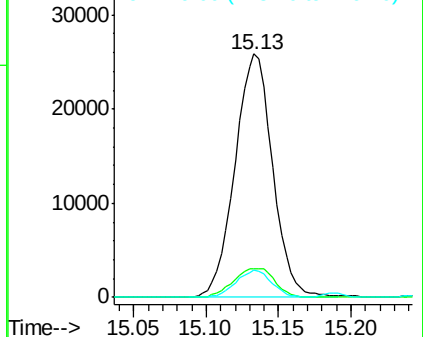
129 10.5 8.6 12.8



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: 1.675 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN053952.D

Acq: 26 Feb 2019 13:57

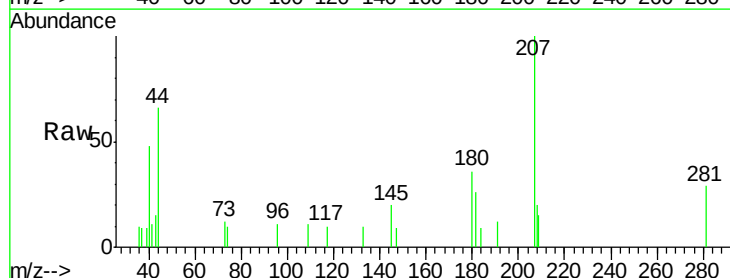
Tgt Ion:180 Resp: 919

Ion Ratio Lower Upper

180 100

182 70.9 47.3 141.8

145 66.8 14.4 43.0#



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

