

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112118\
 Data File : VN052441.D
 Acq On : 21 Nov 2018 16:31
 Operator : MD\SY
 Sample : J6014-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 21 23:58:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	315593	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	528402	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	450859	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	158363	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	241386	54.16	ug/l	0.00
Spiked Amount			Recovery	=	108.32%	
35) Dibromofluoromethane	7.59	113	173367	50.87	ug/l	0.00
Spiked Amount			Recovery	=	101.74%	
50) Toluene-d8	10.09	98	672355	50.15	ug/l	0.00
Spiked Amount			Recovery	=	100.30%	
62) 4-Bromofluorobenzene	12.40	95	198564	45.02	ug/l	0.00
Spiked Amount			Recovery	=	90.04%	

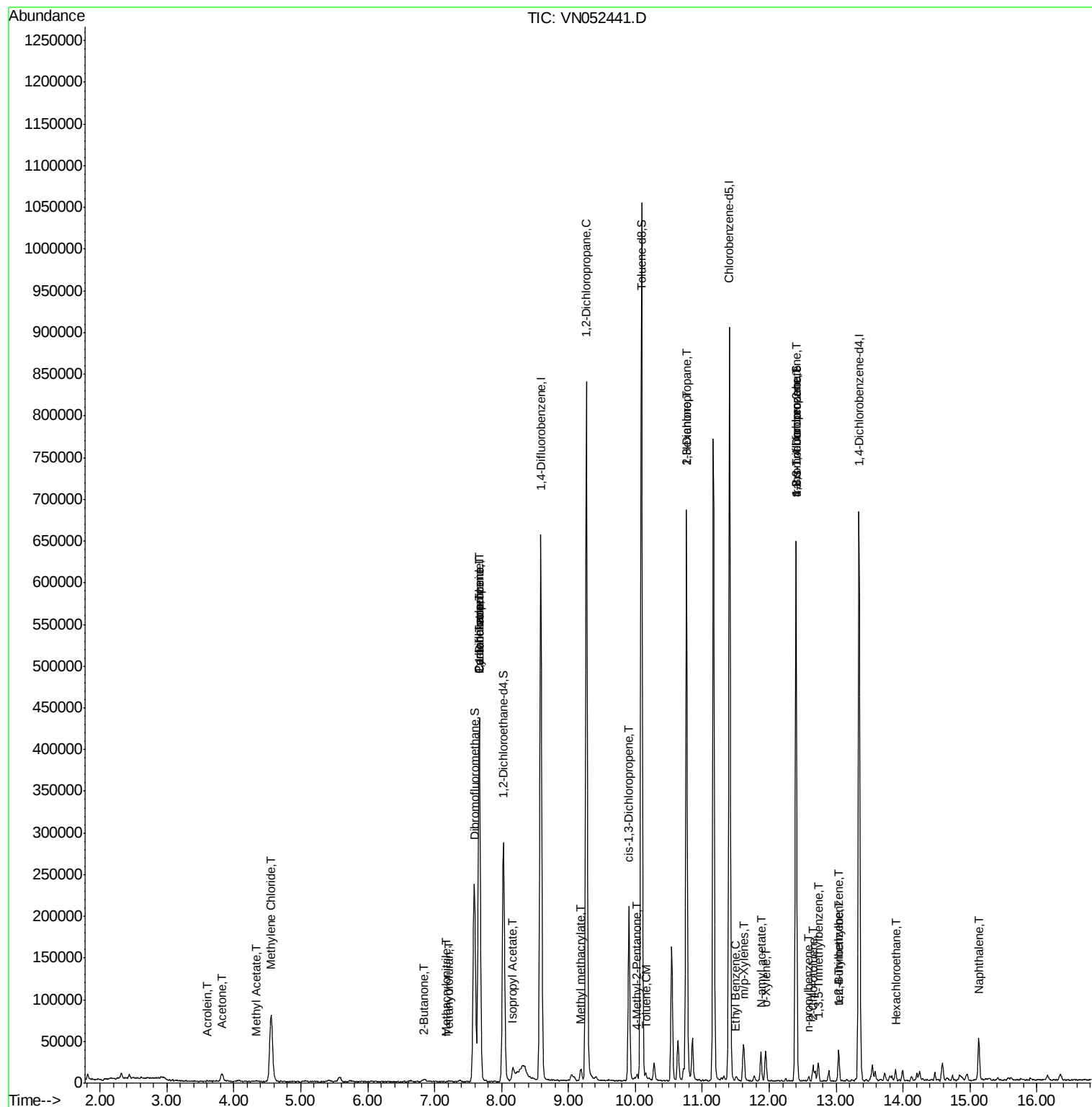
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.61	56	31	21.850	ug/l #	1
16) Acetone	3.82	43	15299	12.466	ug/l	95
18) Methyl Acetate	4.33	43	937	0.702	ug/l #	78
20) Methylene Chloride	4.55	84	50452	12.994	ug/l	95
25) 2-Butanone	6.84	43	2837	1.642	ug/l	94
29) Tetrahydrofuran	7.20	42	246	0.217	ug/l #	66
31) Cyclohexane	7.66	56	10263	0.464	ug/l #	25
36) 1,1-Dichloropropene	7.66	75	28618	5.404	ug/l #	52
38) Carbon Tetrachloride	7.67	117	33365	6.857	ug/l #	15
41) Methacrylonitrile	7.18	41	156	3.763	ug/l #	100
43) Isopropyl Acetate	8.17	43	19697	2.656	ug/l #	94
45) 1,2-Dichloropropane	9.28	63	894	0.208	ug/l #	44
48) Methyl methacrylate	9.18	41	6071	1.613	ug/l #	16
51) 4-Methyl-2-Pentanone	10.03	43	5316	1.424	ug/l #	41
52) Toluene	10.16	92	2358	0.261	ug/l	99
54) cis-1,3-Dichloropropene	9.90	75	30234	5.155	ug/l #	77
57) 1,3-Dichloropropane	10.76	76	6708	1.154	ug/l #	43
59) 2-Hexanone	10.76	43	113696	44.274	ug/l #	55
67) Ethyl Benzene	11.51	91	3678	0.222	ug/l	95
68) m/p-Xylenes	11.62	106	12461	2.062	ug/l	89
69) o-Xylene	11.95	106	8738	1.508	ug/l	100
74) N-amyl acetate	11.88	43	11437	2.522	ug/l #	59
76) 1,2,3-Trichloropropane	12.40	75	118411	44.066	ug/l #	100
78) n-propylbenzene	12.59	91	3888	0.261	ug/l	89
79) 2-Chlorotoluene	12.65	91	3209	0.369	ug/l #	46
80) 1,3,5-Trimethylbenzene	12.73	105	9558	0.944	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	118411	142.923	ug/l #	5
83) tert-Butylbenzene	13.04	119	2247	0.251	ug/l #	62
84) 1,2,4-Trimethylbenzene	13.04	105	19353	1.904	ug/l	97
90) Hexachloroethane	13.88	117	736	0.403	ug/l #	14
95) Naphthalene	15.13	128	40098	9.385	ug/l	97

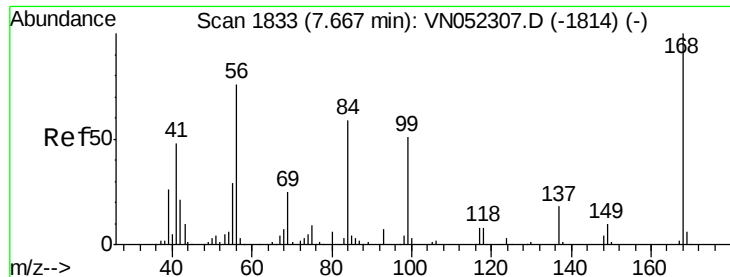
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052441.D

Acq: 21 Nov 2018 16:31

Instrument :

MSVOA_N

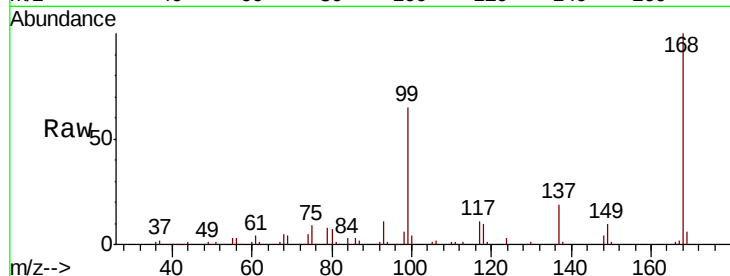
ClientSampled :

Tot Ion:168 Resp: 31593

Ion Ratio Lower Upper

168 100

99 65.4 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VN052307.D (-1814) (-)

Ion 98.90 (98.60 to 99.60): VN052307.D (-1814) (-)

7.67

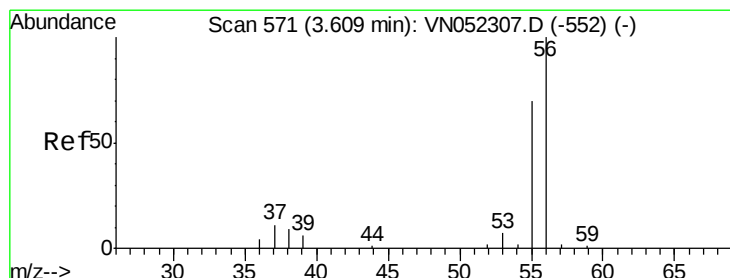
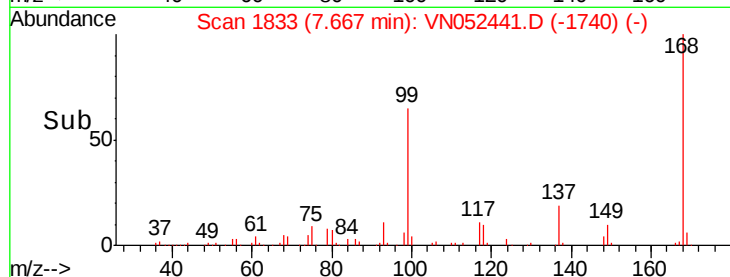
150000

100000

50000

0

Time-->



#13

Acrolein

Concen: 21.850 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN052441.D

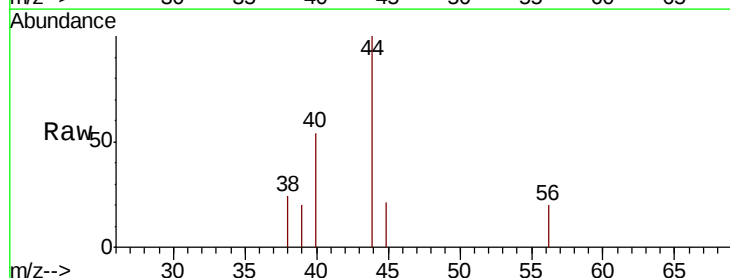
Acq: 21 Nov 2018 16:31

Tgt Ion: 56 Resp: 31

Ion Ratio Lower Upper

56 100

55 335.5 57.6 86.4#



Abundance Ion 56.00 (55.70 to 56.70): VN052307.D (-552) (-)

Ion 55.00 (54.70 to 55.70): VN052307.D (-552) (-)

3.61

200

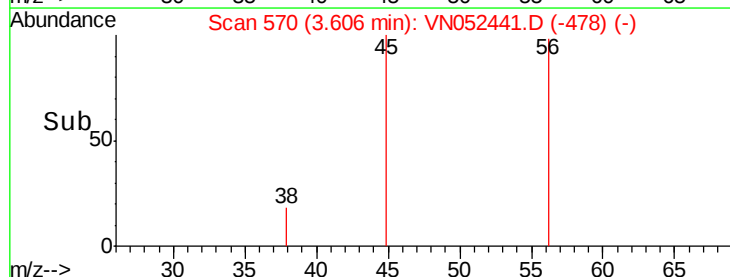
150

100

50

0

Time-->





#16

Acetone

Concen: 12.466 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN052441.D

Acq: 21 Nov 2018 16:31

Instrument :

MSVOA_N

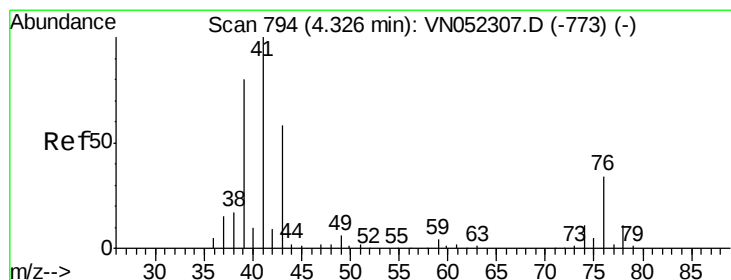
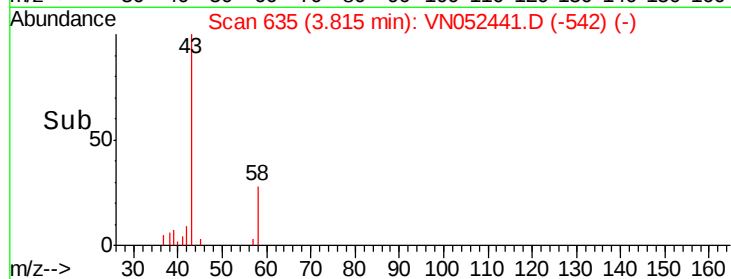
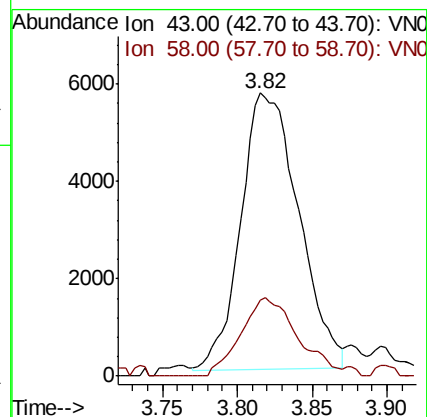
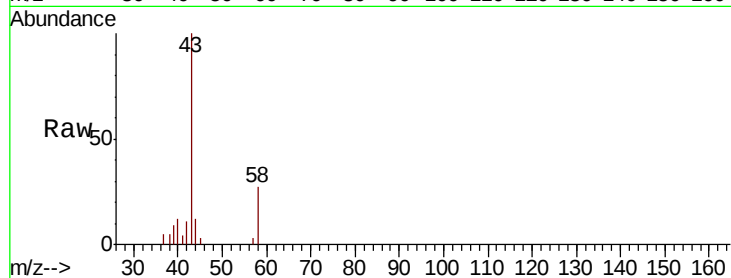
ClientSampled :

Tot Ion: 43 Resp: 15299

Ion Ratio Lower Upper

43 100

58 27.8 24.2 36.4



#18

Methyl Acetate

Concen: 0.702 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN052441.D

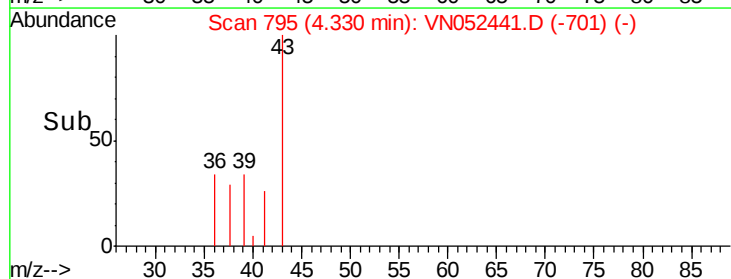
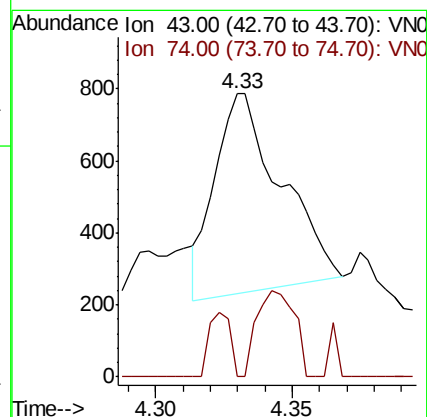
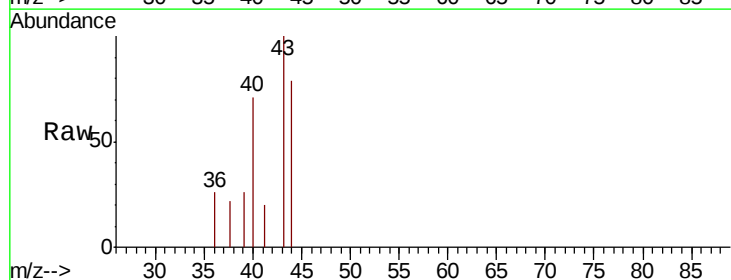
Acq: 21 Nov 2018 16:31

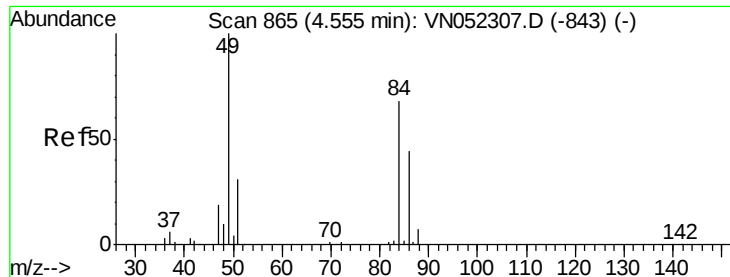
Tgt Ion: 43 Resp: 937

Ion Ratio Lower Upper

43 100

74 10.0 15.9 23.9#

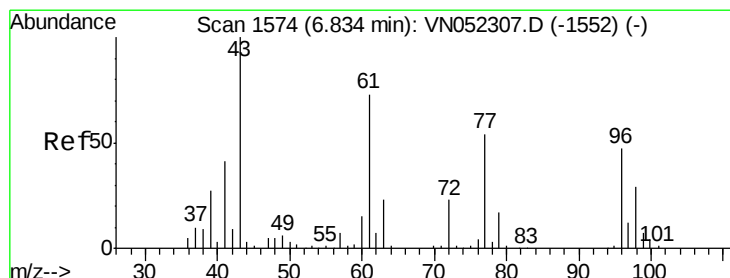
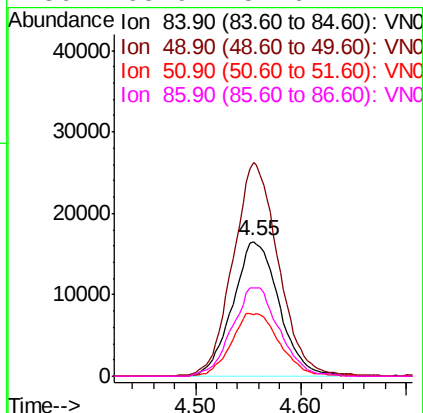
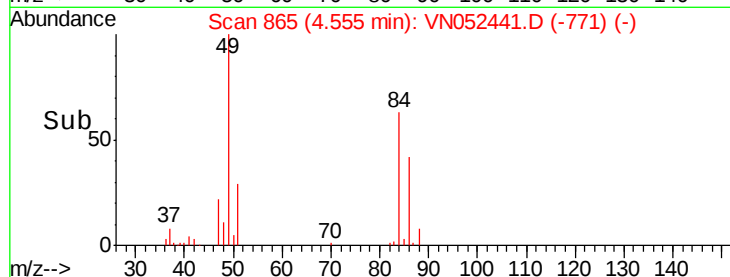
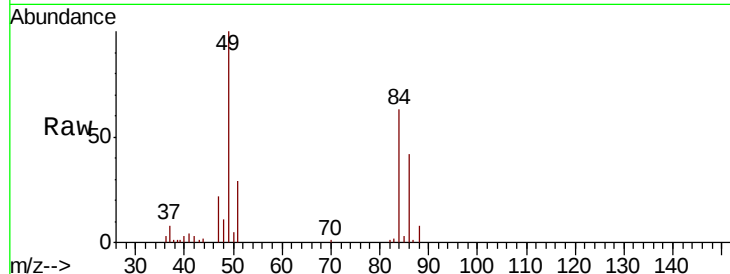




#20
Methvlene Chloride
Concen: 12.994 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052441.D
Acq: 21 Nov 2018 16:31

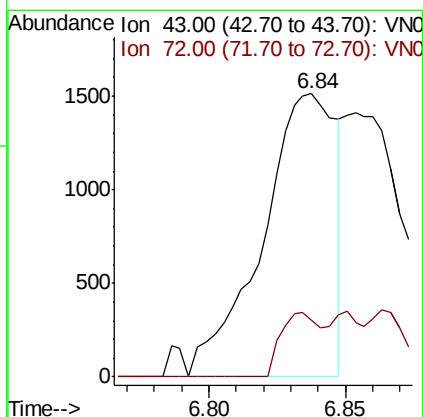
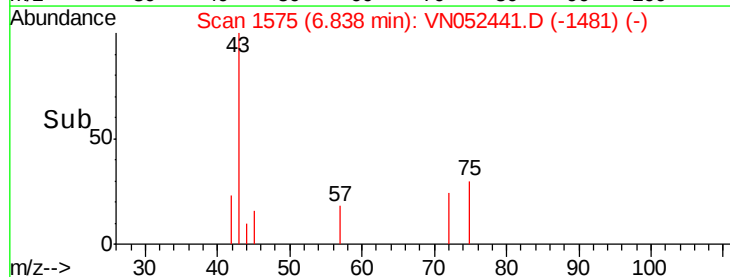
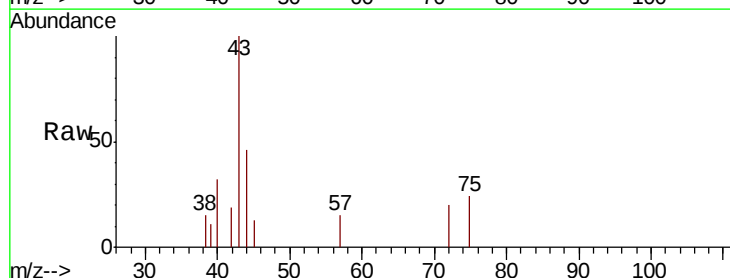
Instrument :
MSVOA_N
ClientSampleId :

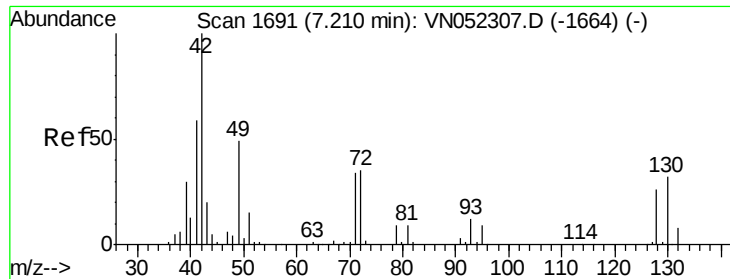
Tot Ion: 84 Resp: 50452
Ion Ratio Lower Upper
84 100
49 157.3 118.2 177.2
51 45.7 36.1 54.1
86 65.9 51.6 77.4



#25
2-Butanone
Concen: 1.642 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN052441.D
Acq: 21 Nov 2018 16:31

Tgt Ion: 43 Resp: 2837
Ion Ratio Lower Upper
43 100
72 20.2 18.6 27.8





#29

Tetrahydrofuran

Concen: 0.217 ug/l

RT: 7.20 min Scan# 1689

Delta R.T. -0.01 min

Lab File: VN052441.D

Acq: 21 Nov 2018 16:31

Instrument :

MSVOA_N

ClientSampled :

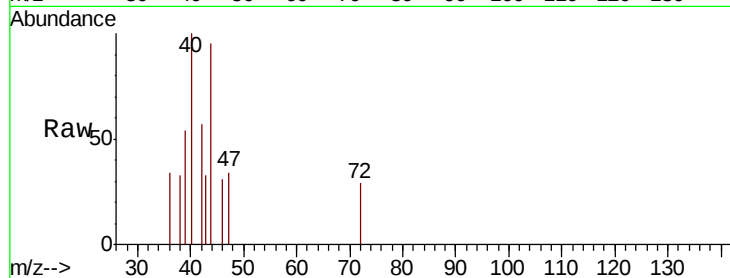
Tot Ion: 42 Resp: 246

Ion Ratio Lower Upper

42 100

72 42.3 28.6 42.8

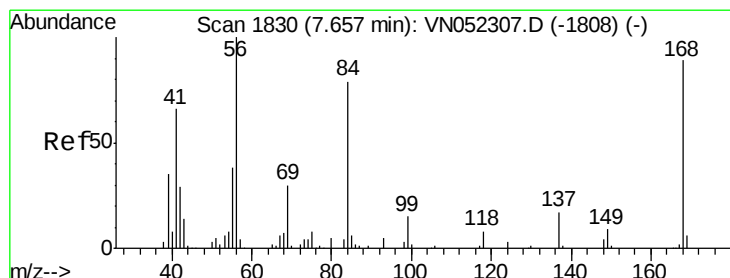
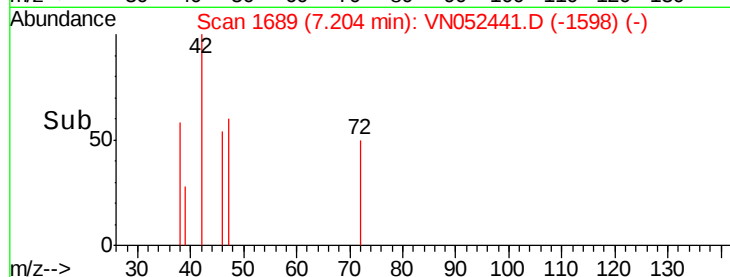
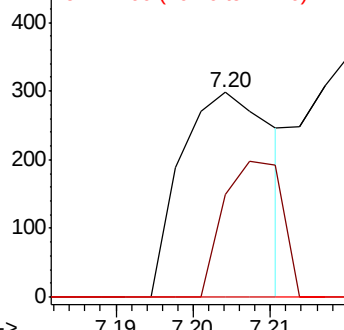
71 0.0 26.7 40.1#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: 0.464 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN052441.D

Acq: 21 Nov 2018 16:31

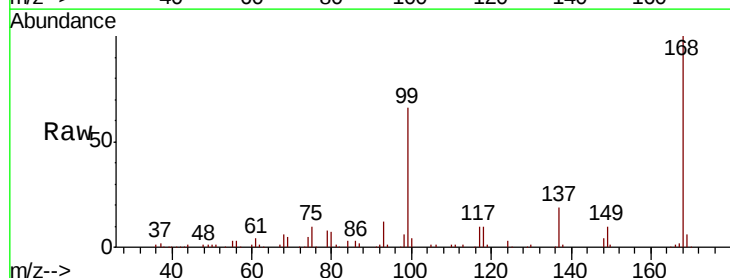
Tgt Ion: 56 Resp: 10263

Ion Ratio Lower Upper

56 100

69 141.4 23.8 35.8#

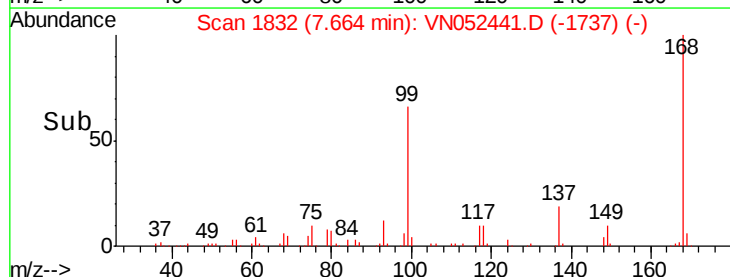
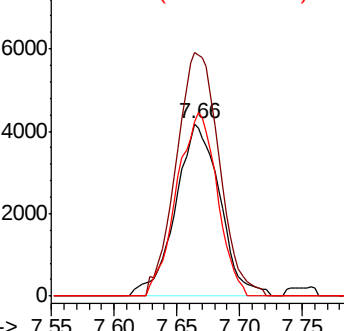
84 101.0 63.0 94.6#

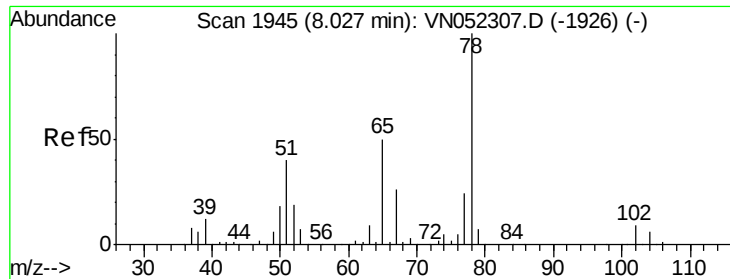


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

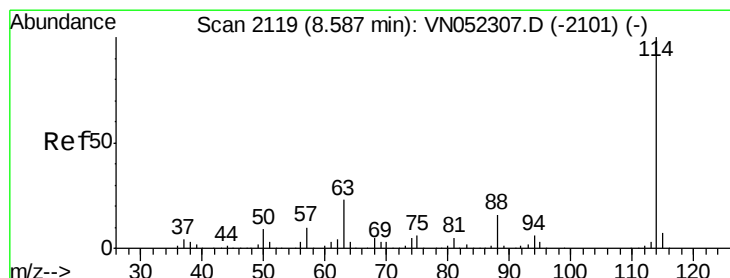
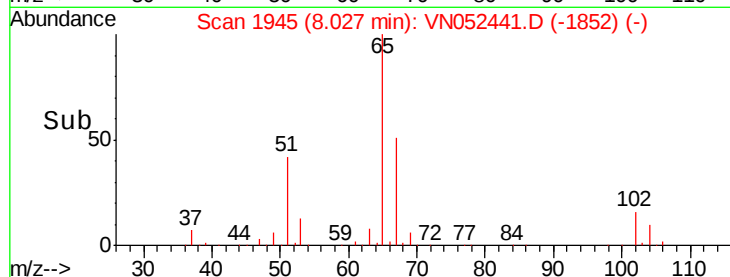
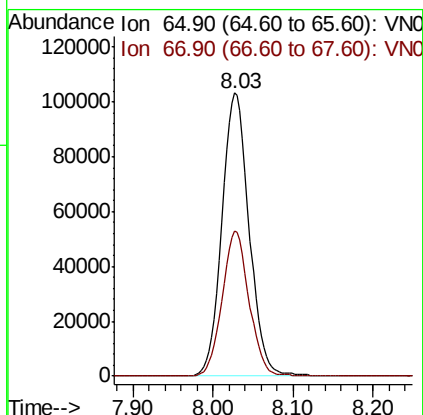
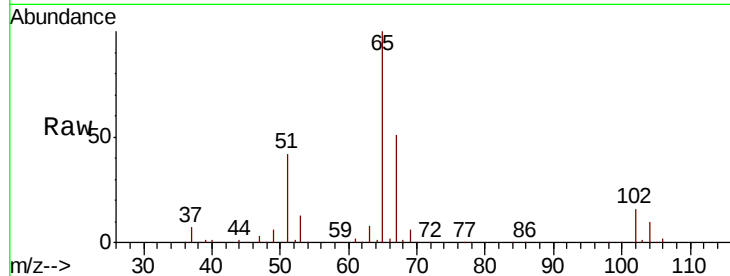




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052441.D
 Acq: 21 Nov 2018 16:31

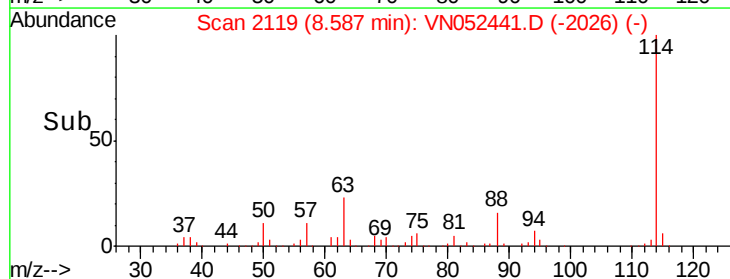
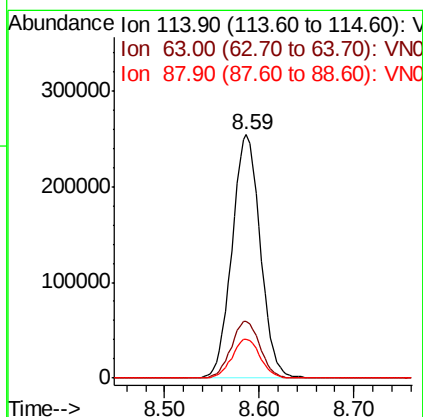
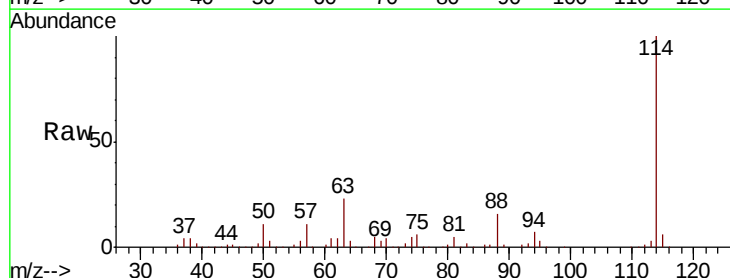
Instrument :
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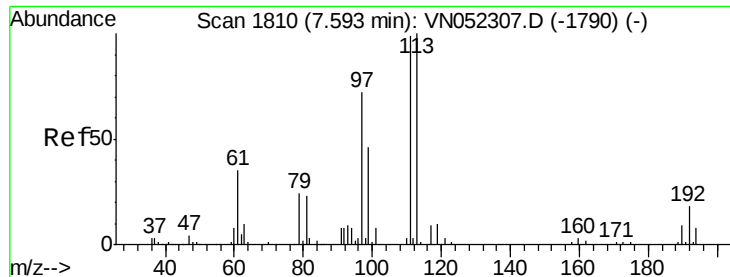
Tot Ion: 65 Resp: 241386
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052441.D
 Acq: 21 Nov 2018 16:31

Tgt Ion: 114 Resp: 528402
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 45.4
 88 16.2 0.0 31.2

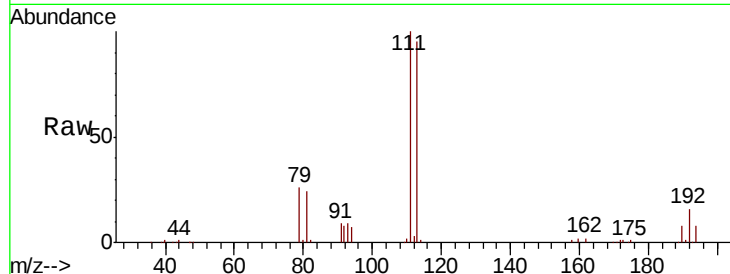




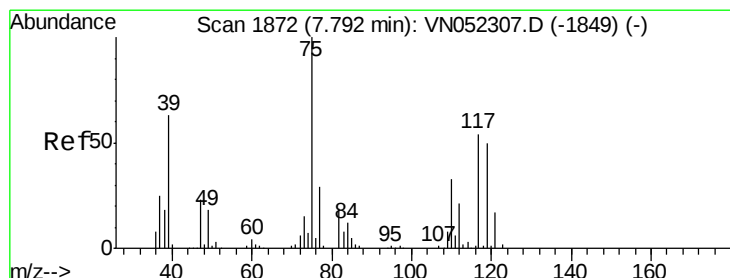
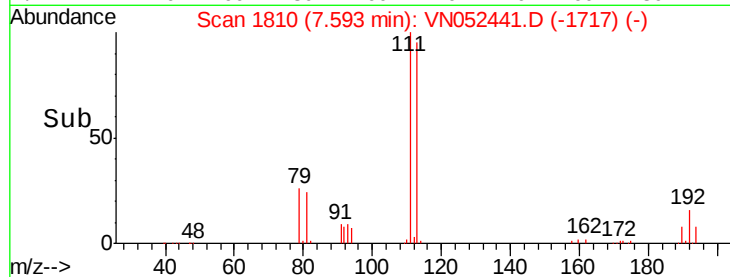
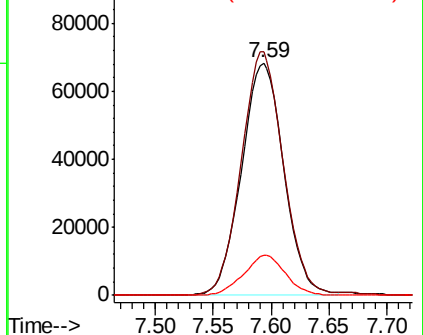
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052441.D
 Acq: 21 Nov 2018 16:31

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 173367
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.0 121.6
 192 17.0 13.8 20.6

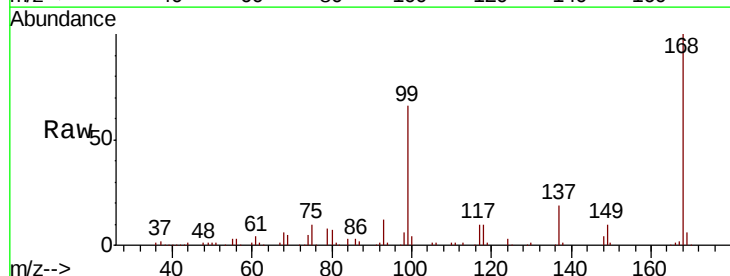


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

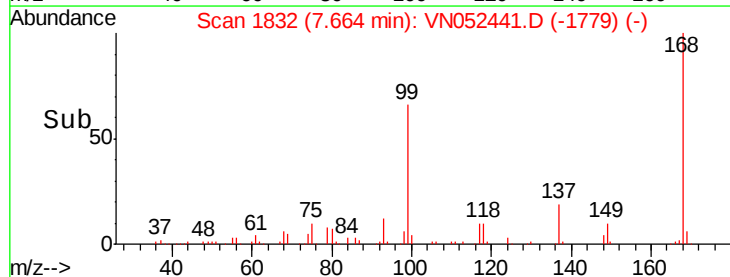
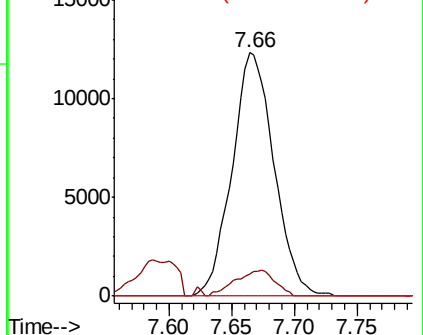


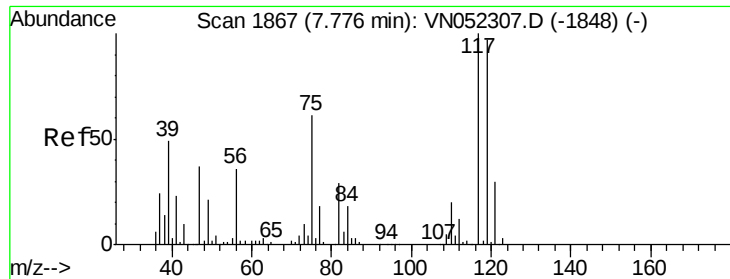
#36
 1,1-Dichloropropene
 Concen: 5.404 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN052441.D
 Acq: 21 Nov 2018 16:31

Tgt Ion: 75 Resp: 28618
 Ion Ratio Lower Upper
 75 100
 110 10.1 16.5 49.5#
 77 0.0 24.2 36.2#



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





#38

Carbon Tetrachloride

Concen: 6.857 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. -0.11 min

Lab File: VN052441.D

Acq: 21 Nov 2018 16:31

Instrument :

MSVOA_N

ClientSampleId :

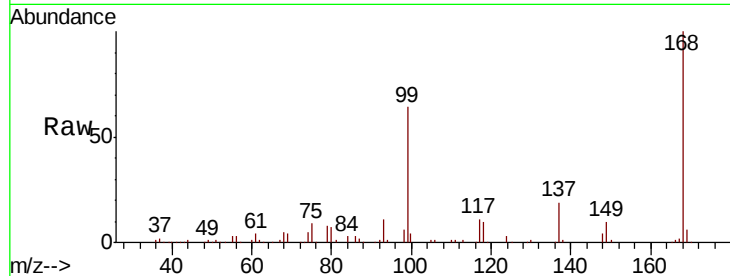
Tot Ion:117 Resp: 33365

Ion Ratio Lower Upper

117 100

119 4.2 77.4 116.0#

121 0.0 24.0 36.0#

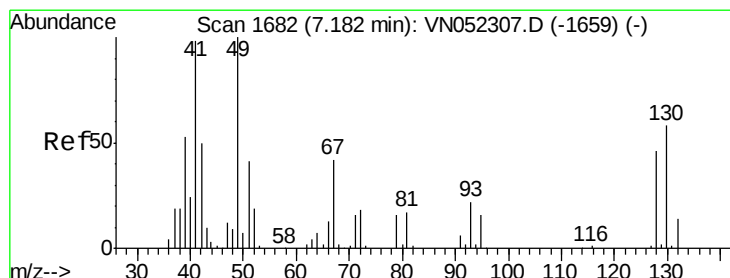
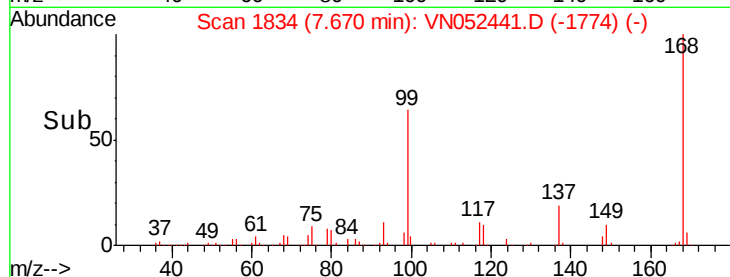
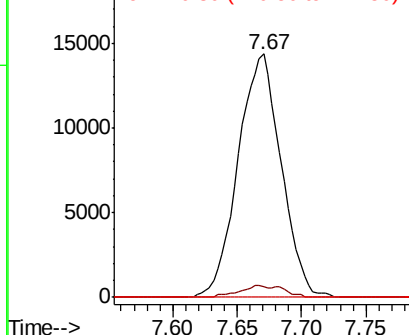


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#41

Methacrylonitrile

Concen: 3.763 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VN052441.D

Acq: 21 Nov 2018 16:31

Tgt Ion: 41 Resp: 156

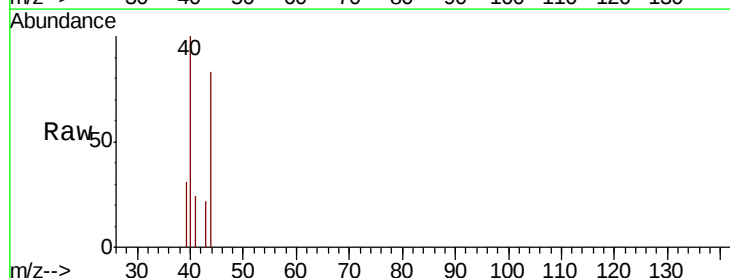
Ion Ratio Lower Upper

41 100

39 119.9 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0



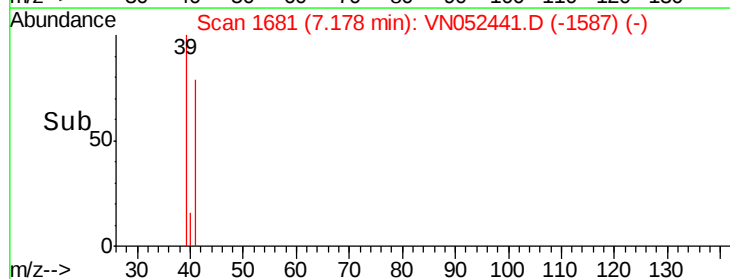
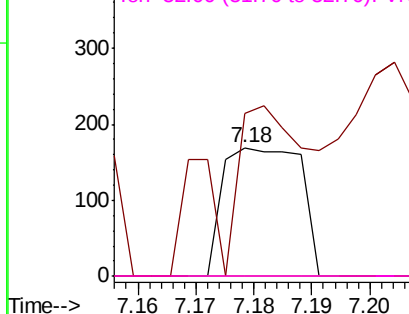
Abundance

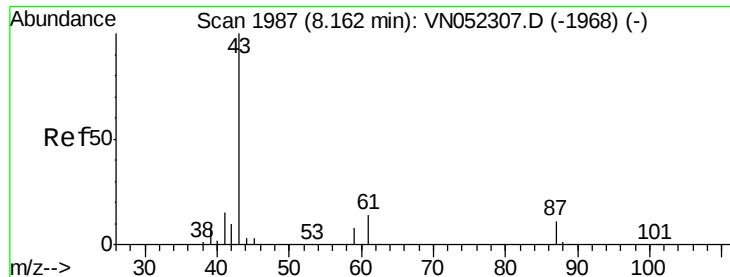
Ion 41.00 (40.70 to 41.70): V

Ion 39.00 (38.70 to 39.70): V

Ion 67.00 (66.70 to 67.70): V

Ion 52.00 (51.70 to 52.70): V





#43

Isopropyl Acetate

Concen: 2.656 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052441.D

Acq: 21 Nov 2018 16:31

Instrument :

MSVOA_N

ClientSampled :

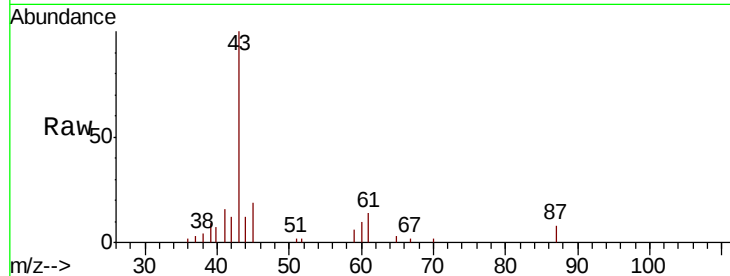
Tot Ion: 43 Resp: 19697

Ion Ratio Lower Upper

43 100

61 12.5 12.0 18.0

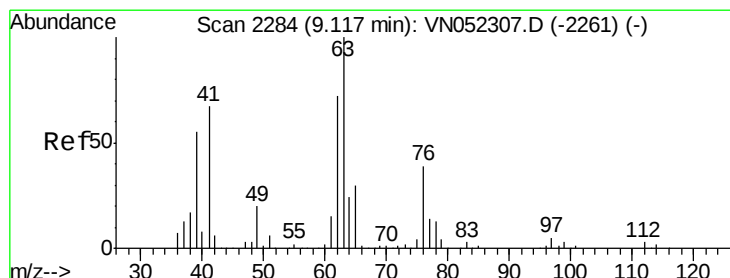
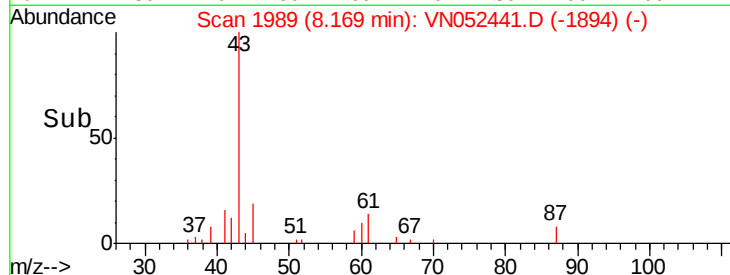
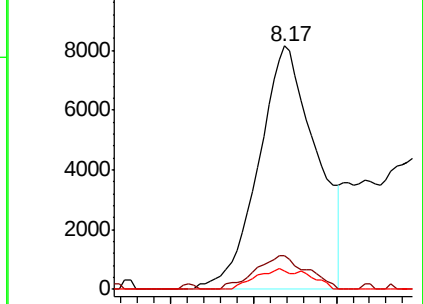
87 7.8 8.3 12.5#



Abundance Ion 43.00 (42.70 to 43.70): VN052307.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN052307.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN052307.D (-1968) (-)



#45

1,2-Dichloropropane

Concen: 0.208 ug/l

RT: 9.28 min Scan# 2334

Delta R.T. 0.16 min

Lab File: VN052441.D

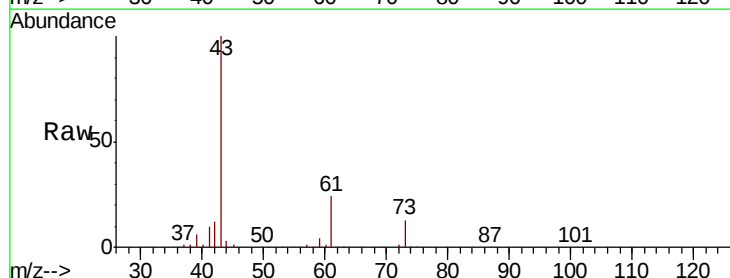
Acq: 21 Nov 2018 16:31

Tgt Ion: 63 Resp: 894

Ion Ratio Lower Upper

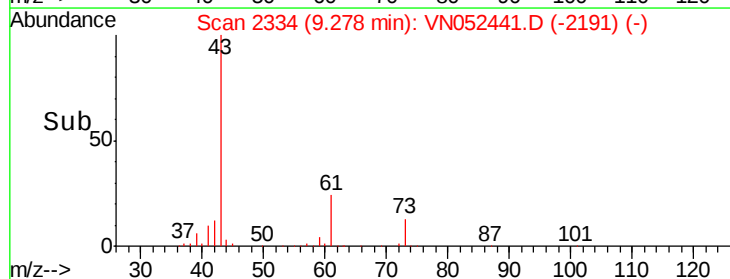
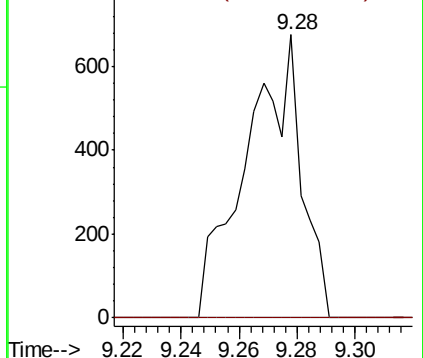
63 100

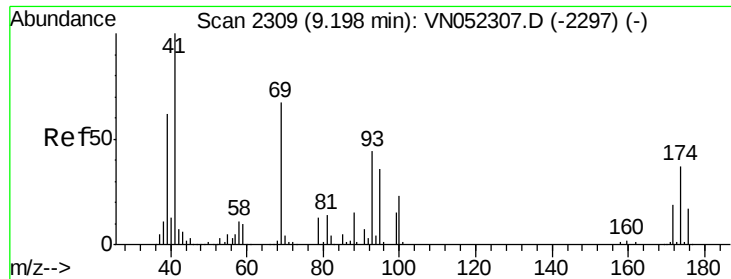
65 0.0 24.2 36.4#



Abundance Ion 62.90 (62.60 to 63.60): VN052307.D (-2261) (-)

Ion 64.90 (64.60 to 65.60): VN052307.D (-2261) (-)

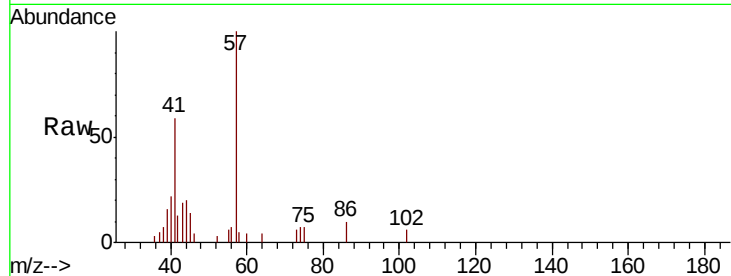




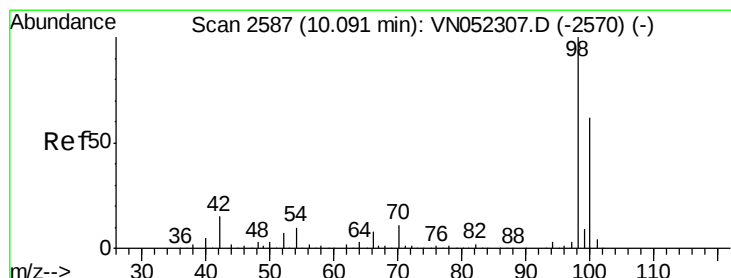
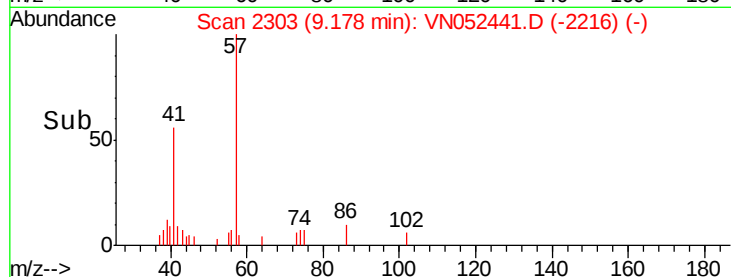
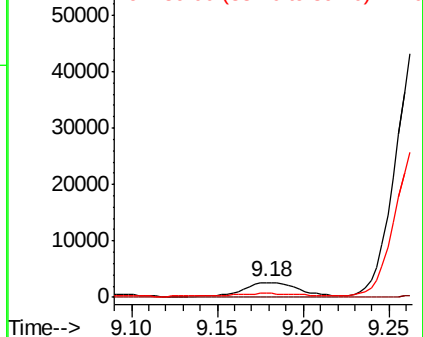
#48
Methvl methacrylate
Concen: 1.613 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN052441.D
Acq: 21 Nov 2018 16:31

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 41 Resp: 6071
Ion Ratio Lower Upper
41 100
69 0.0 57.1 85.7#
39 0.0 52.5 78.7#

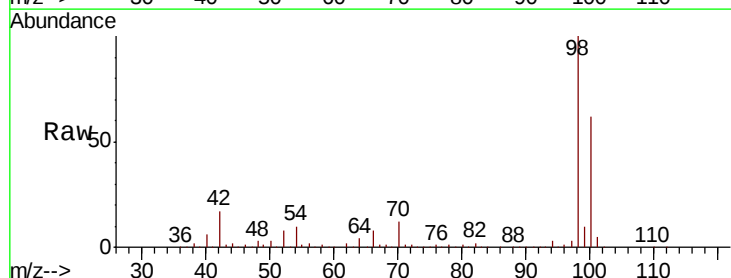


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO

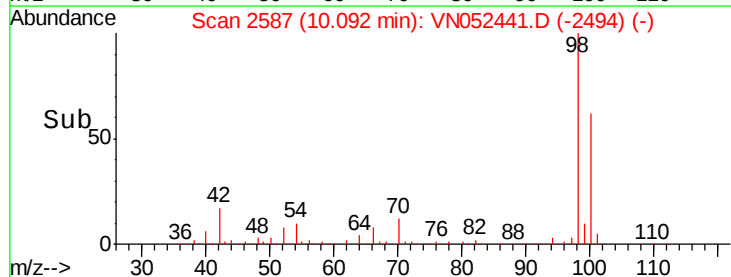
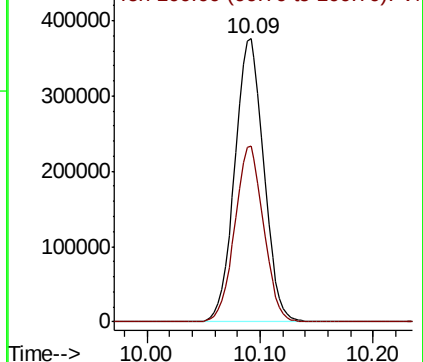


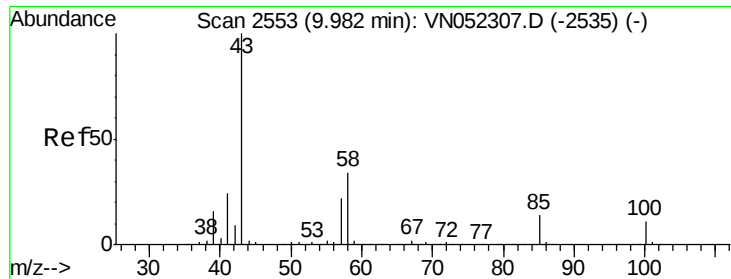
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052441.D
Acq: 21 Nov 2018 16:31

Tgt Ion: 98 Resp: 672355
Ion Ratio Lower Upper
98 100
100 61.7 49.5 74.3



Abundance Ion 98.00 (97.70 to 98.70): VNO
Ion 100.00 (99.70 to 100.70): VNO





#51

4-Methyl-2-Pentanone

Concen: 1.424 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.05 min

Lab File: VN052441.D

Acq: 21 Nov 2018 16:31

Instrument :

MSVOA_N

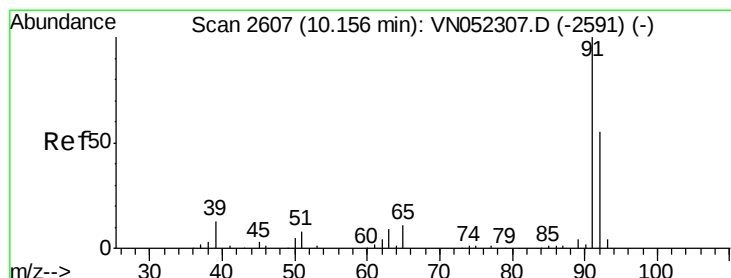
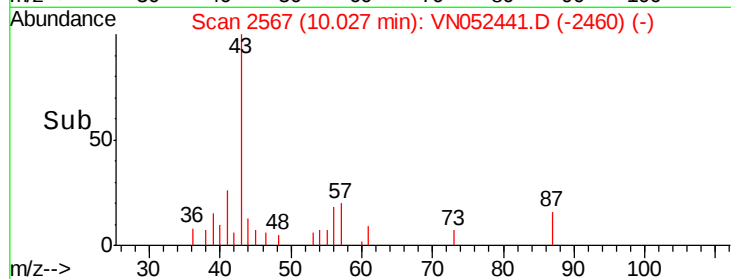
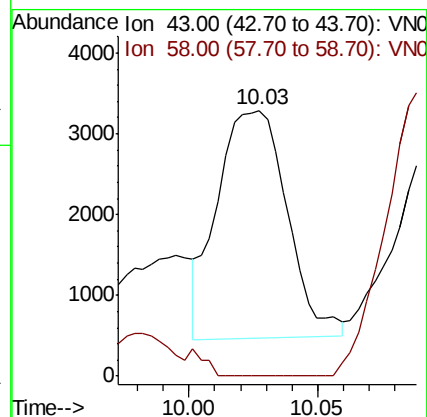
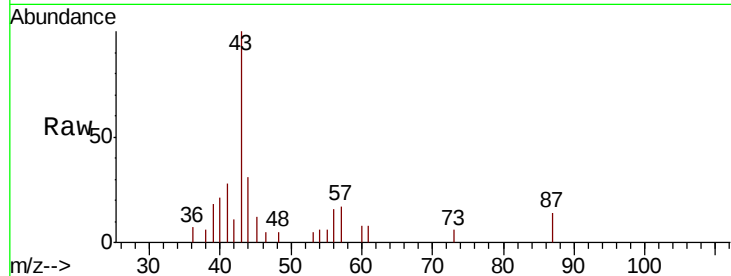
ClientSampled :

Tot Ion: 43 Resp: 5316

Ion Ratio Lower Upper

43 100

58 0.0 27.0 40.6#



#52

Toluene

Concen: 0.261 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN052441.D

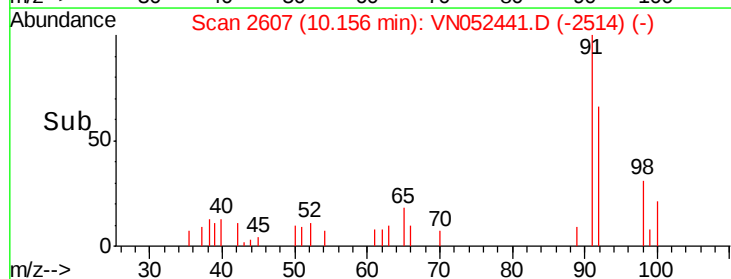
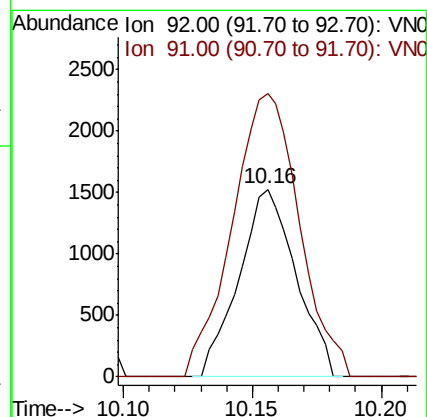
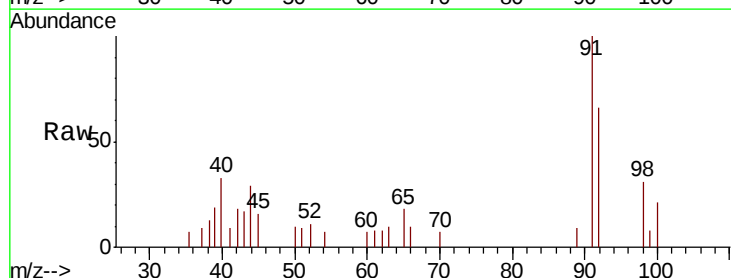
Acq: 21 Nov 2018 16:31

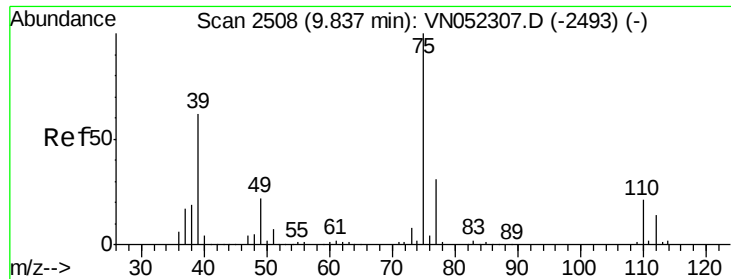
Tgt Ion: 92 Resp: 2358

Ion Ratio Lower Upper

92 100

91 177.4 143.6 215.4



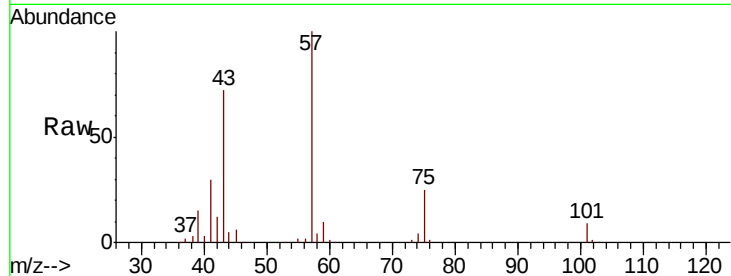


#54

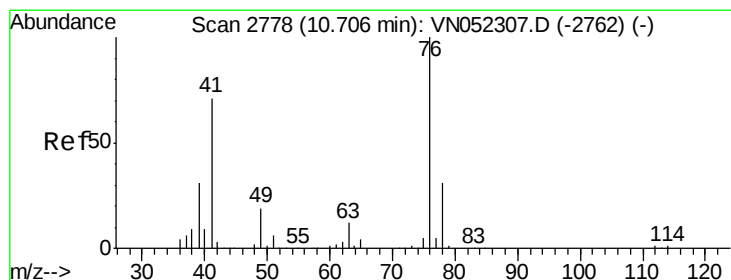
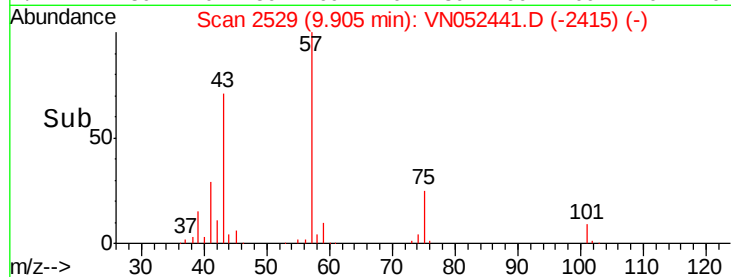
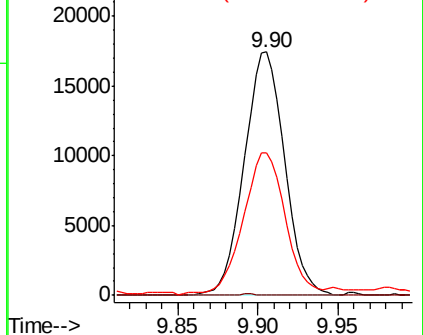
cis-1,3-Dichloropropene
 Concen: 5.155 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.07 min
 Lab File: VN052441.D
 Acq: 21 Nov 2018 16:31

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.6	36.8#
39	57.2	49.9	74.9



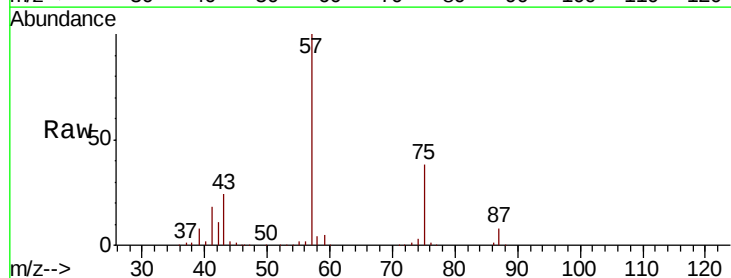
Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 76.90 (76.60 to 77.60): VN0
 Ion 39.00 (38.70 to 39.70): VN0



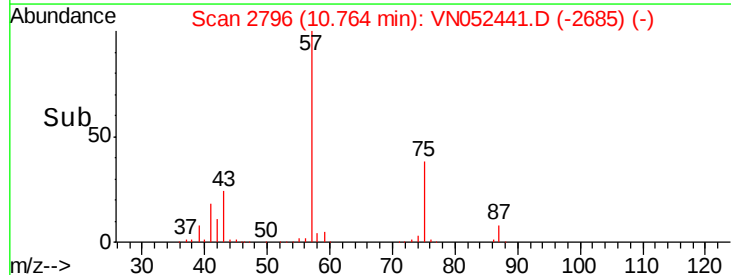
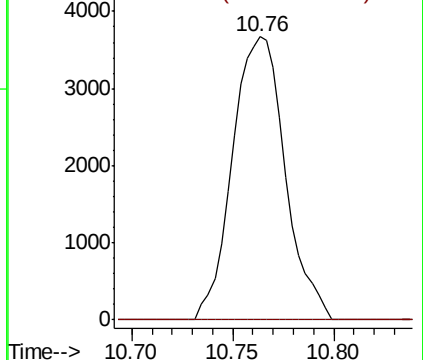
#57

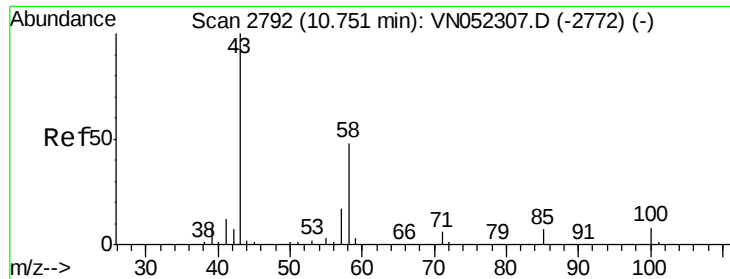
1,3-Dichloropropane
 Concen: 1.154 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN052441.D
 Acq: 21 Nov 2018 16:31

Tgt Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.7	38.5#



Abundance Ion 75.90 (75.60 to 76.60): VN0
 Ion 77.90 (77.60 to 78.60): VN0

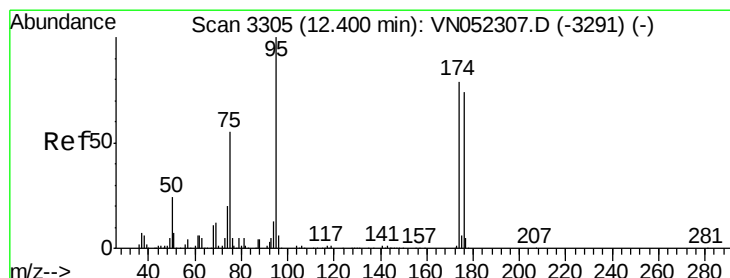
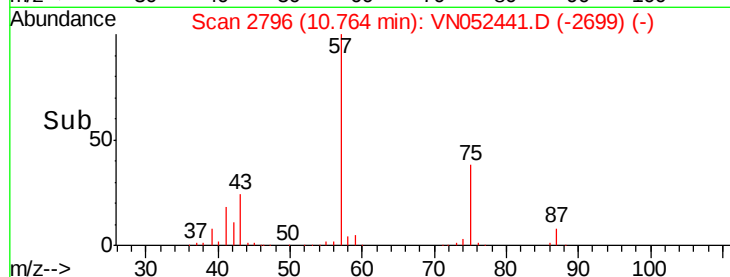
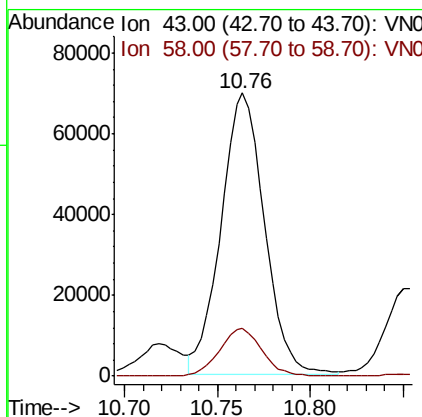
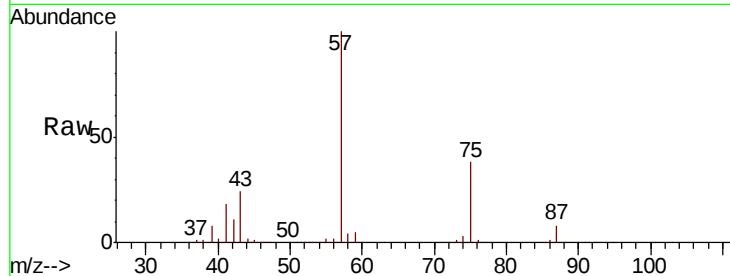




#59
2-Hexanone
Concen: 44.274 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN052441.D
Acq: 21 Nov 2018 16:31

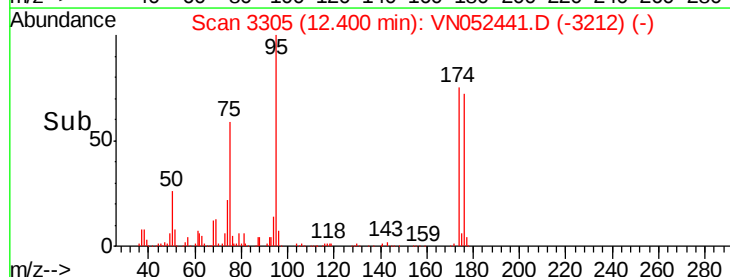
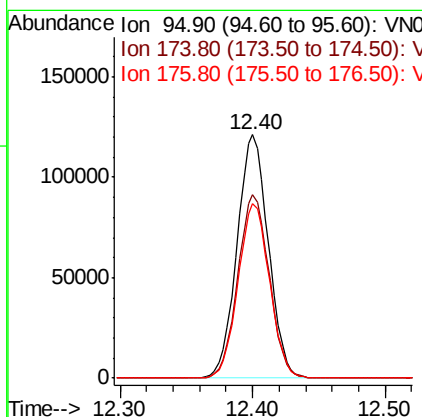
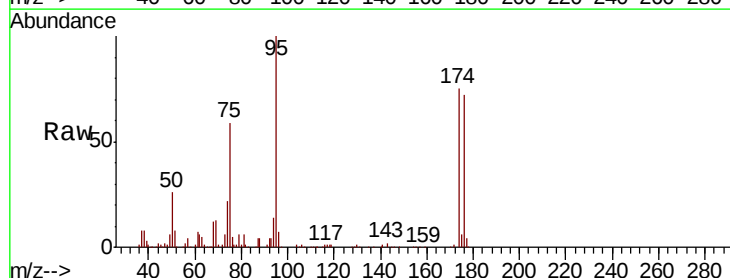
Instrument :
MSVOA_N
ClientSampled :

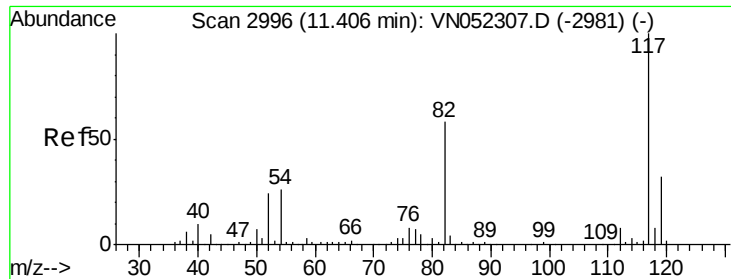
Tot Ion: 43 Resp: 113696
Ion Ratio Lower Upper
43 100
58 16.8 23.5 70.6#



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN052441.D
Acq: 21 Nov 2018 16:31

Tgt Ion: 95 Resp: 198564
Ion Ratio Lower Upper
95 100
174 75.5 0.0 156.0
176 72.3 0.0 148.4

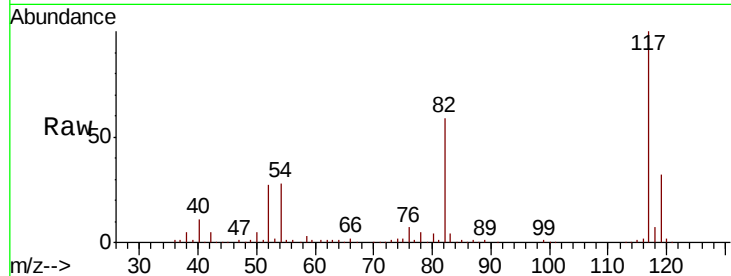




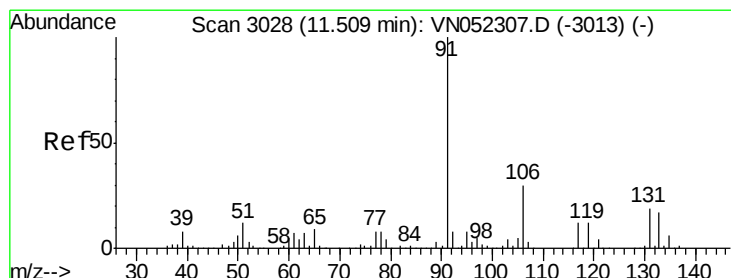
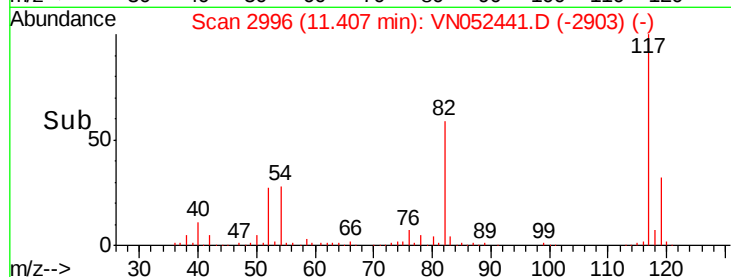
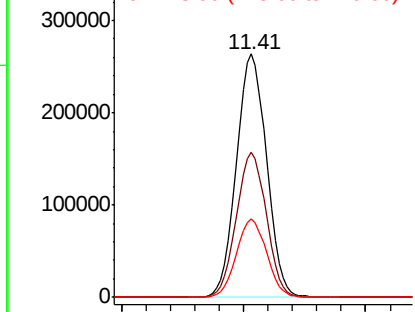
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052441.D
Acq: 21 Nov 2018 16:31

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 450859
Ion Ratio Lower Upper
117 100
82 59.4 46.5 69.7
119 32.0 25.7 38.5

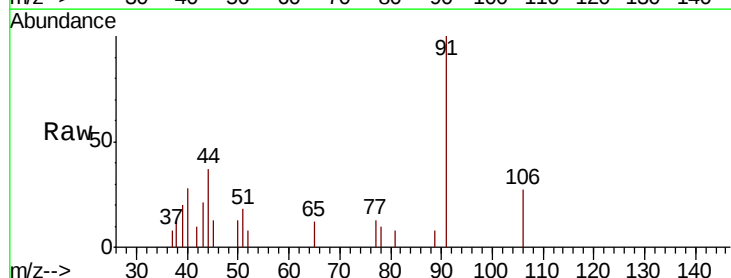


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

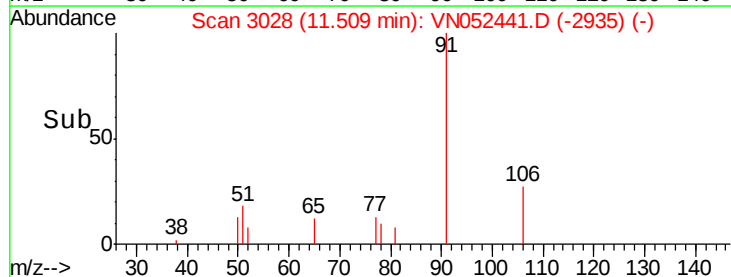
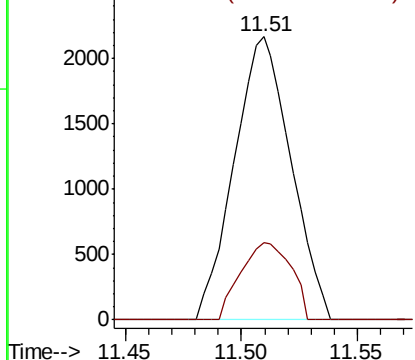


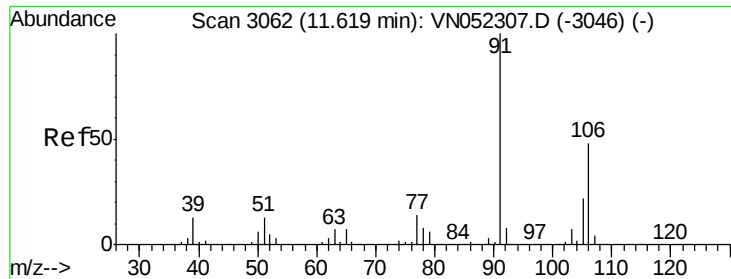
#67
Ethyl Benzene
Concen: 0.222 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN052441.D
Acq: 21 Nov 2018 16:31

Tgt Ion: 91 Resp: 3678
Ion Ratio Lower Upper
91 100
106 27.3 24.2 36.2



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

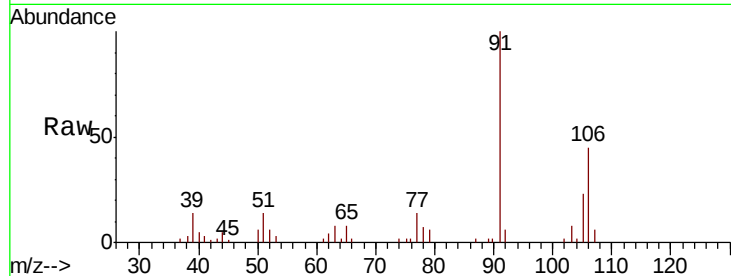




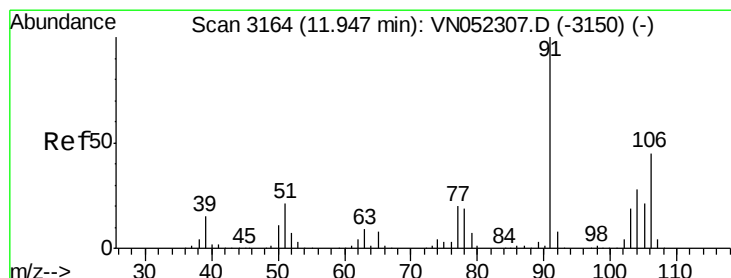
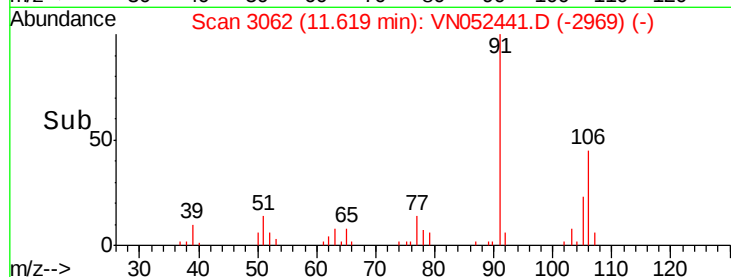
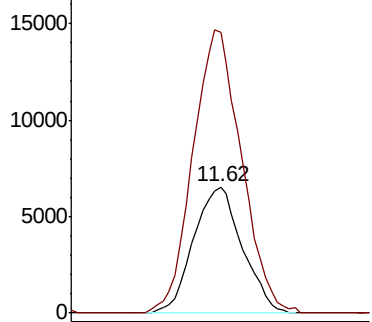
#68
m/p-Xylenes
Concen: 2.062 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN052441.D
Acq: 21 Nov 2018 16:31

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:106 Resp: 12461
Ion Ratio Lower Upper
106 100
91 223.6 165.5 248.3

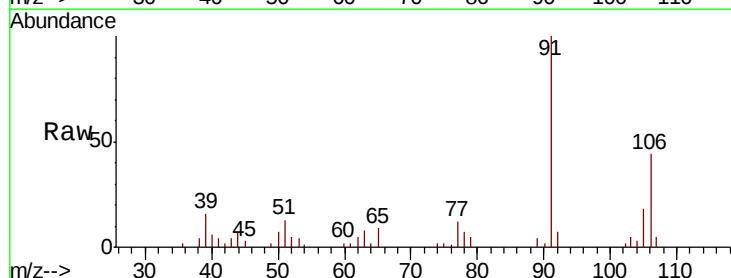


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

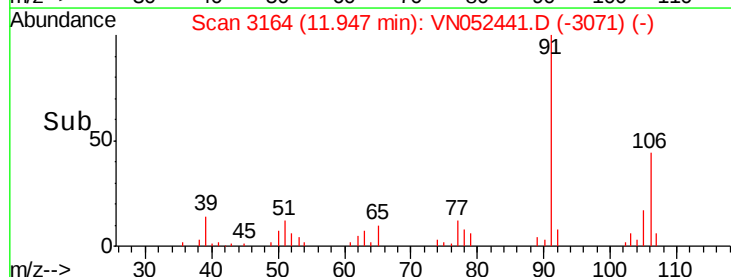
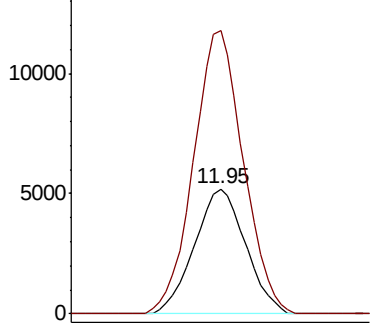


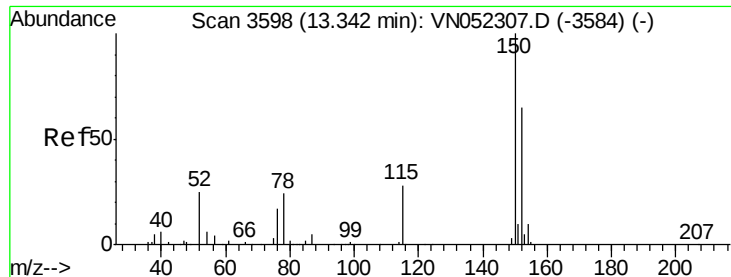
#69
o-Xylene
Concen: 1.508 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN052441.D
Acq: 21 Nov 2018 16:31

Tgt Ion:106 Resp: 8738
Ion Ratio Lower Upper
106 100
91 220.4 110.0 330.0



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN052441.D

Acq: 21 Nov 2018 16:31

Instrument :

MSVOA_N

ClientSampleId :

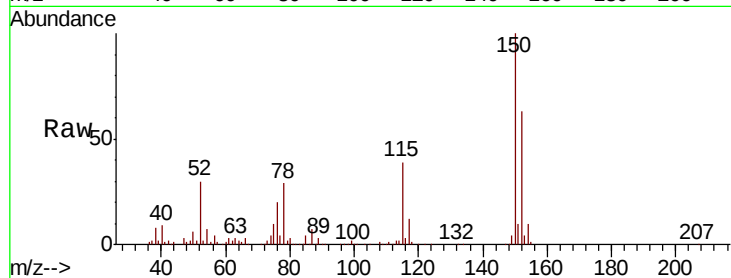
Tot Ion:152 Resp: 158363

Ion Ratio Lower Upper

152 100

115 62.5 30.3 91.0

150 160.1 0.0 348.2

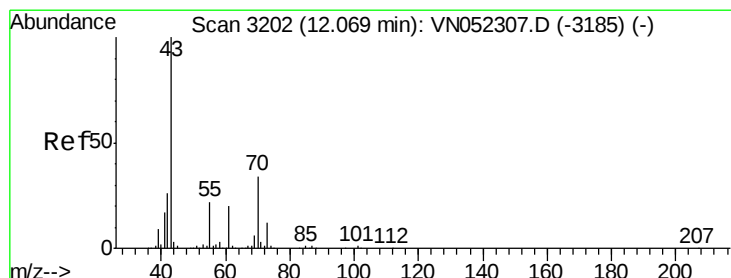
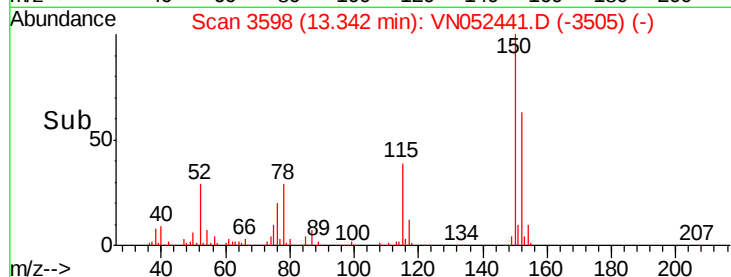
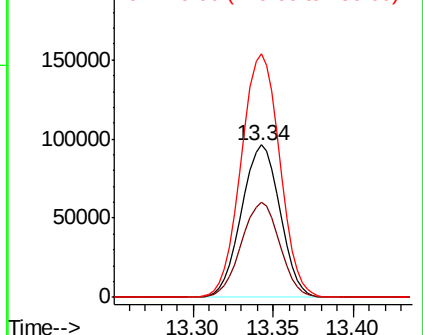


Abundance

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



#74

N-ethyl acetate

Concen: 2.522 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN052441.D

Acq: 21 Nov 2018 16:31

Tgt Ion: 43 Resp: 11437

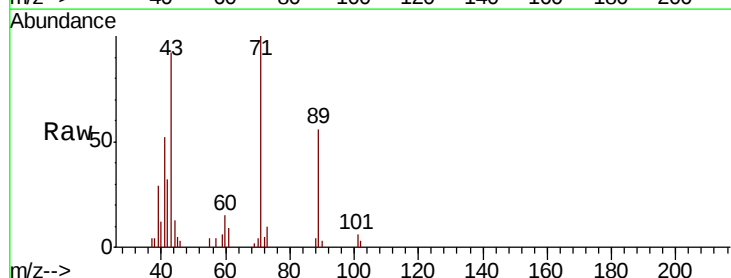
Ion Ratio Lower Upper

43 100

70 3.5 27.1 40.7#

55 3.2 17.4 26.0#

61 9.9 16.1 24.1#



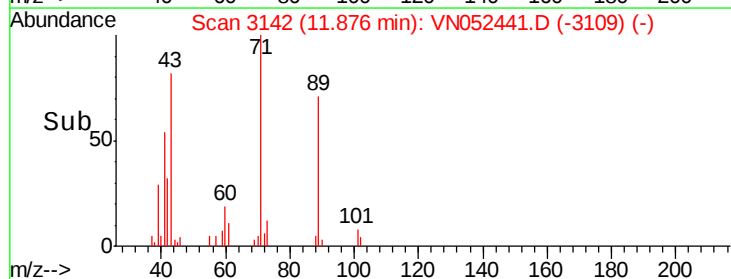
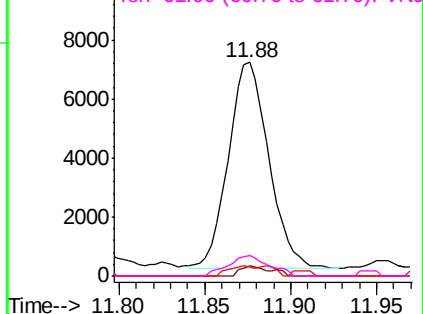
Abundance

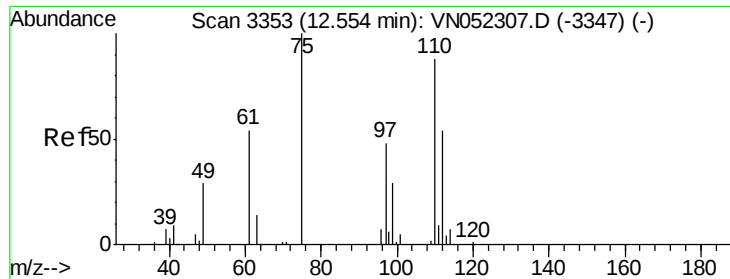
Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 44.066 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN052441.D

Acq: 21 Nov 2018 16:31

Instrument :

MSVOA_N

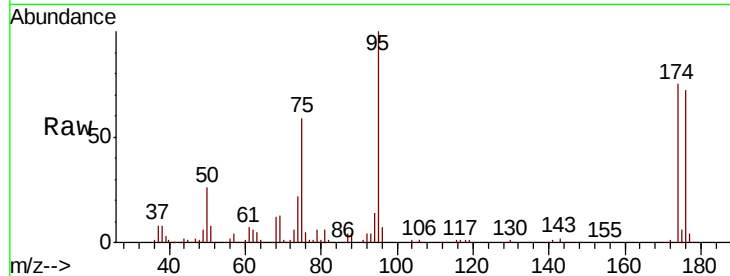
ClientSampleId :

Tot Ion: 75 Resp: 118411

Ion Ratio Lower Upper

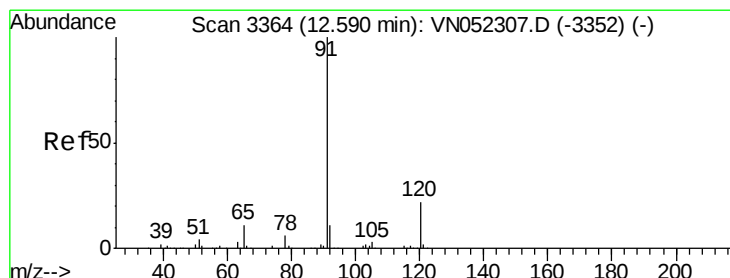
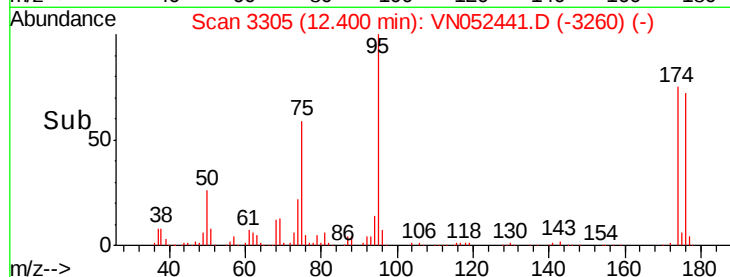
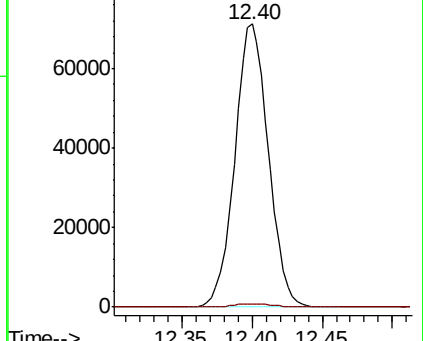
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: 0.261 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN052441.D

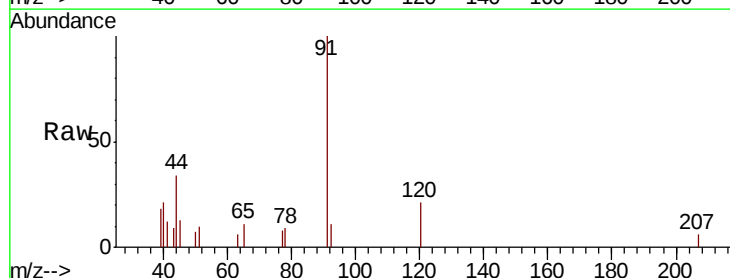
Acq: 21 Nov 2018 16:31

Tgt Ion: 91 Resp: 3888

Ion Ratio Lower Upper

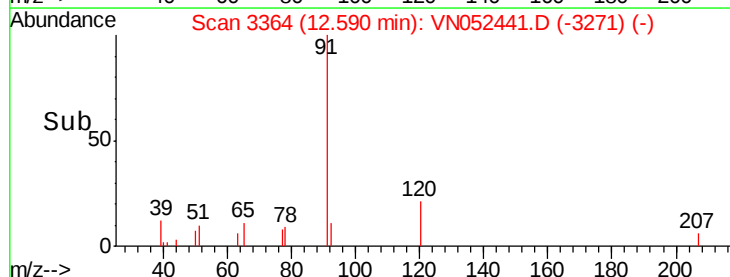
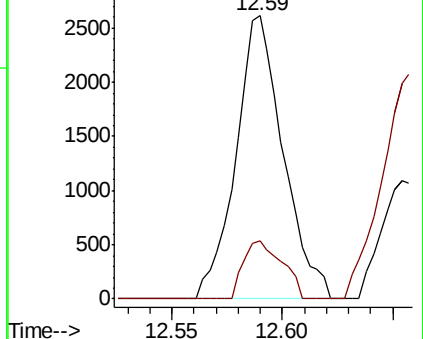
91 100

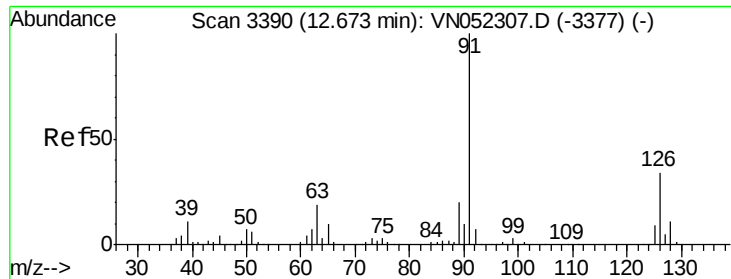
120 16.9 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

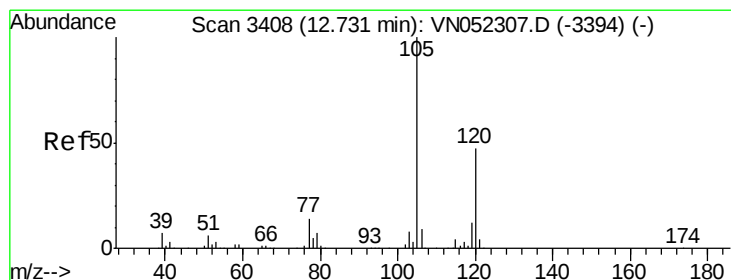
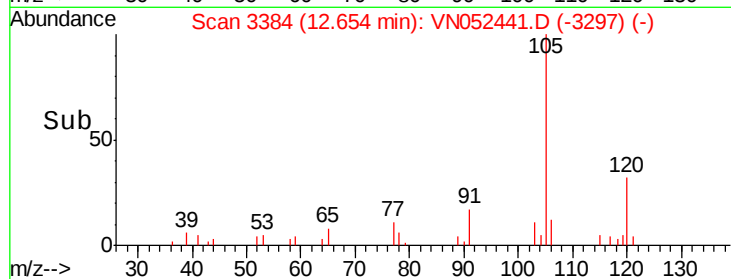
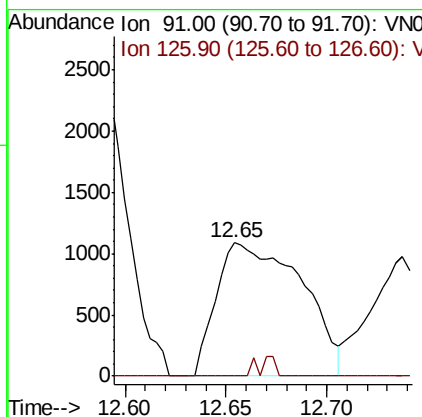
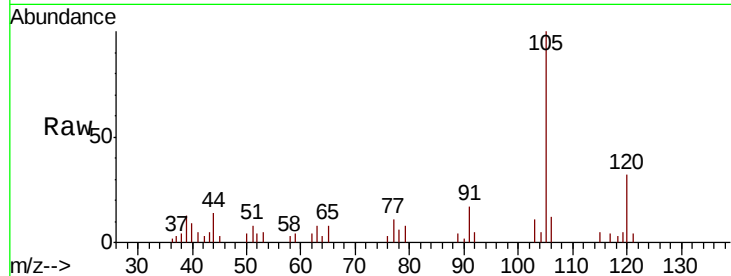




#79
 2-Chlorotoluene
 Concen: 0.369 ug/l
 RT: 12.65 min Scan# 3384
 Delta R.T. -0.02 min
 Lab File: VN052441.D
 Acq: 21 Nov 2018 16:31

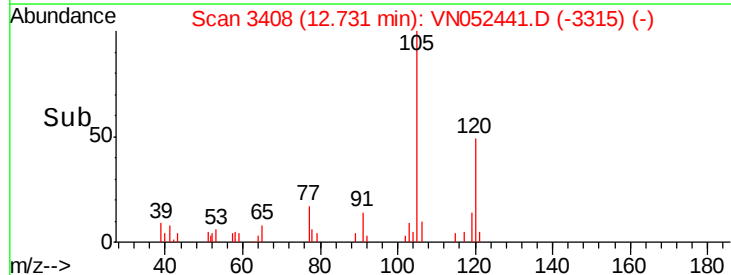
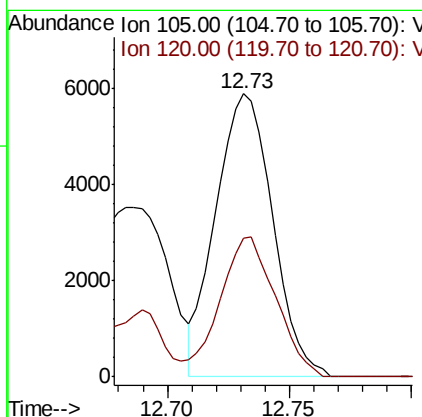
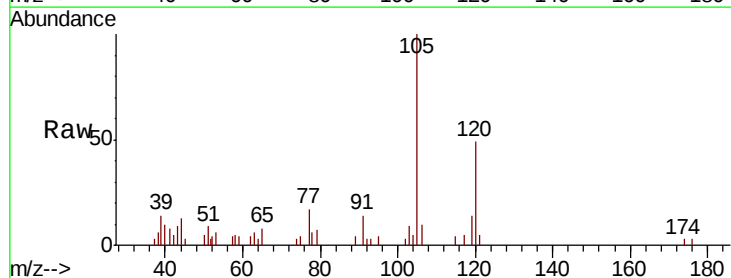
Instrument :
 MSVOA_N
 ClientSampled :

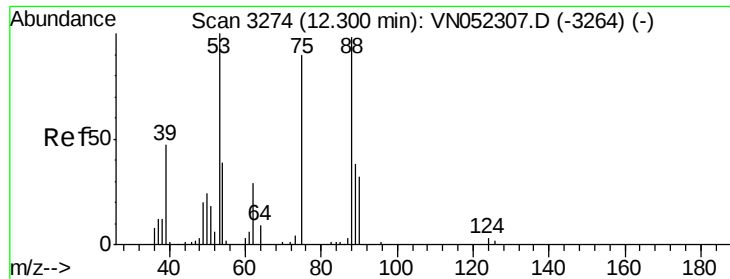
Tot Ion: 91 Resp: 3209
 Ion Ratio Lower Upper
 91 100
 126 2.8 17.0 51.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.944 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN052441.D
 Acq: 21 Nov 2018 16:31

Tgt Ion: 105 Resp: 9558
 Ion Ratio Lower Upper
 105 100
 120 48.6 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 142.923 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN052441.D

Acq: 21 Nov 2018 16:31

Instrument :

MSVOA_N

ClientSampled :

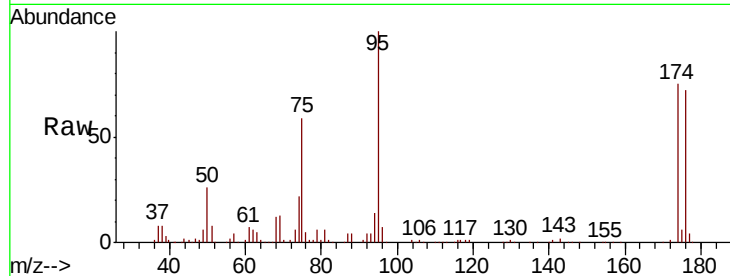
Tot Ion: 75 Resp: 118411

Ion Ratio Lower Upper

75 100

53 0.0 90.2 135.2#

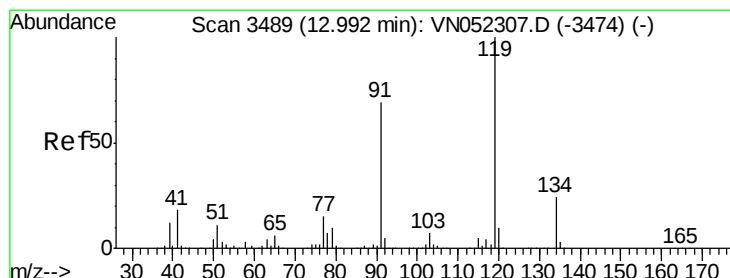
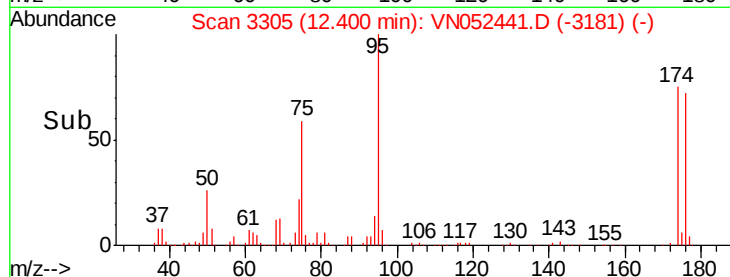
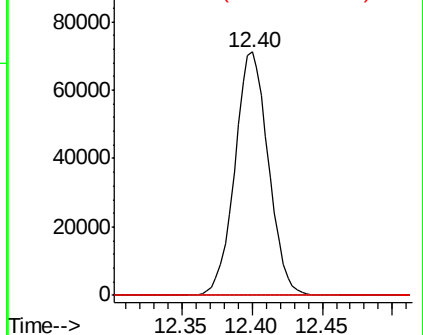
89 0.1 35.4 53.0#



Abundance Ion 74.90 (74.60 to 75.60): VN052307.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN052307.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN052307.D (-3264) (-)



#83

tert-Butylbenzene

Concen: 0.251 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.05 min

Lab File: VN052441.D

Acq: 21 Nov 2018 16:31

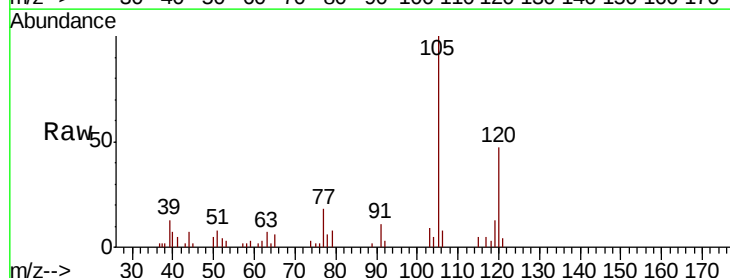
Tgt Ion: 119 Resp: 2247

Ion Ratio Lower Upper

119 100

91 94.9 33.8 101.3

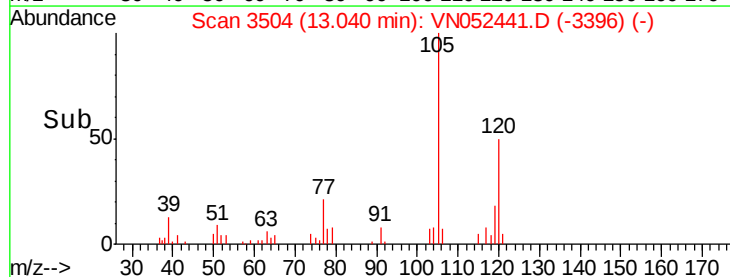
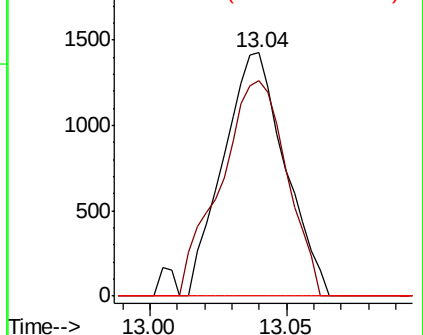
134 0.0 11.9 35.9#

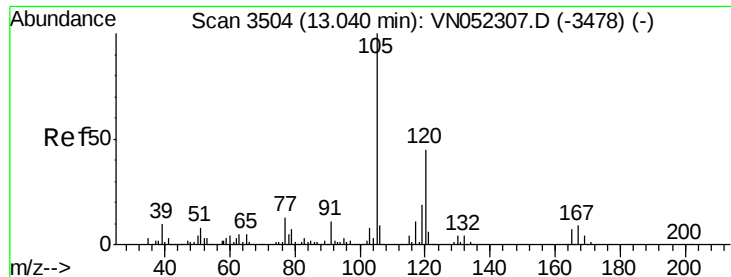


Abundance Ion 119.00 (118.70 to 119.70): VN052307.D (-3474) (-)

Ion 91.00 (90.70 to 91.70): VN052307.D (-3474) (-)

Ion 134.00 (133.70 to 134.70): VN052307.D (-3474) (-)





#84

1,2,4-Trimethylbenzene

Concen: 1.904 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. -0.00 min

Lab File: VN052441.D

Acq: 21 Nov 2018 16:31

Instrument :

MSVOA_N

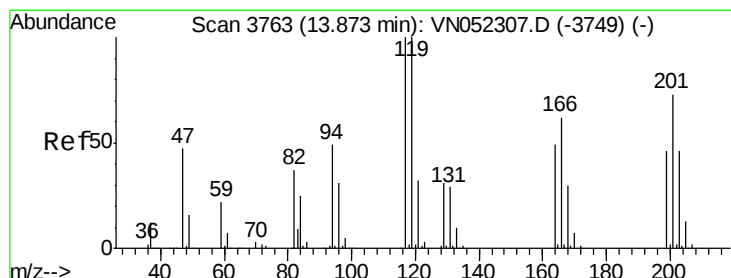
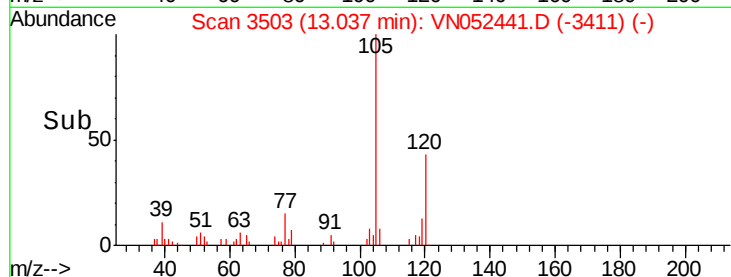
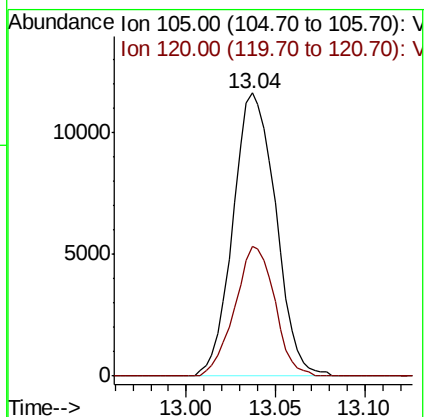
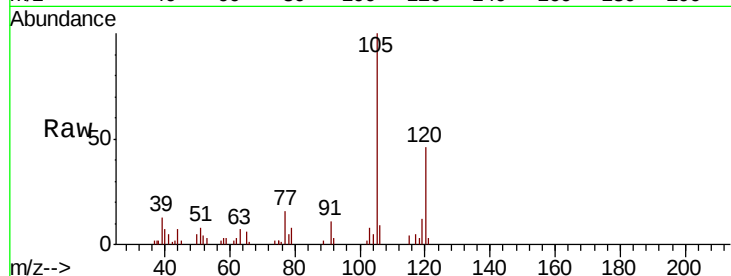
ClientSampleId :

Tot Ion:105 Resp: 19353

Ion Ratio Lower Upper

105 100

120 42.8 22.5 67.5



#90

Hexachloroethane

Concen: 0.403 ug/l

RT: 13.88 min Scan# 3766

Delta R.T. 0.01 min

Lab File: VN052441.D

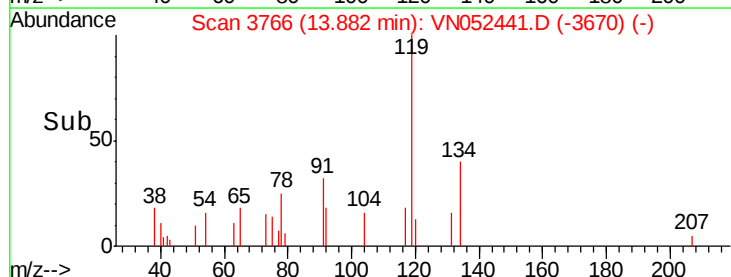
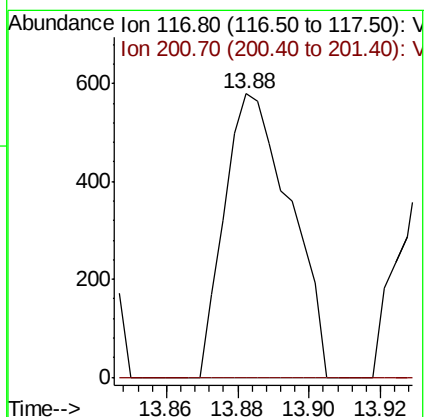
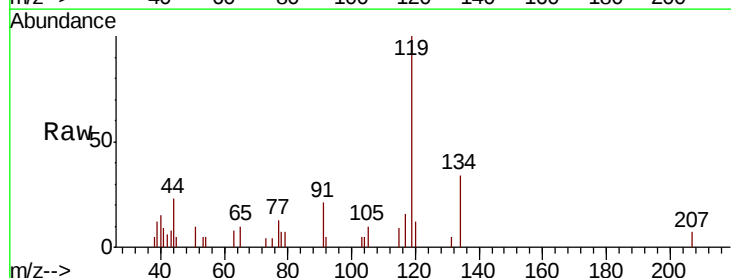
Acq: 21 Nov 2018 16:31

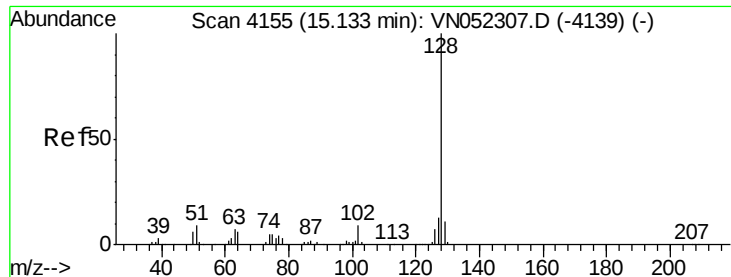
Tgt Ion:117 Resp: 736

Ion Ratio Lower Upper

117 100

201 0.0 35.3 105.9#

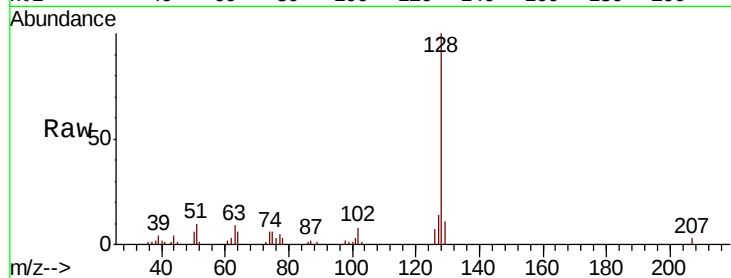




#95
Naphthalene
Concen: 9.385 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN052441.D
Acq: 21 Nov 2018 16:31

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.4	15.6
129	10.2	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

