

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121318\
 Data File : VN052857.D
 Acq On : 13 Dec 2018 12:01
 Operator : MD\SY
 Sample : J6319-01
 Misc : 4.98g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 055_BT-1-1

Quant Time: Dec 14 01:36:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1108495	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1669224	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1450638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	769640	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	540479	45.86	ug/l	0.00
Spiked Amount			Recovery	=	91.72%	
35) Dibromofluoromethane	7.59	113	438933	47.11	ug/l	0.00
Spiked Amount			Recovery	=	94.22%	
50) Toluene-d8	10.09	98	2667683	66.03	ug/l	0.00
Spiked Amount			Recovery	=	132.06%	
62) 4-Bromofluorobenzene	12.40	95	1045981	76.41	ug/l	0.00
Spiked Amount			Recovery	=	152.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.52	94	2361	0.279	ug/l	82
13) Acrolein	3.61	56	307	0.495	ug/l #	50
14) Allyl chloride	4.59	41	126954	7.627	ug/l #	42
15) Acrylonitrile	5.04	53	8451	2.287	ug/l #	40
16) Acetone	3.81	43	4364	1.649	ug/l #	87
18) Methyl Acetate	4.58	43	313394	32.258	ug/l #	51
20) Methylene Chloride	4.54	84	2985	0.251	ug/l #	37
25) 2-Butanone	6.81	43	7536	1.835	ug/l #	49
29) Tetrahydrofuran	7.21	42	3299	1.176	ug/l #	53
30) Chloroform	7.32	83	81311	4.072	ug/l #	18
31) Cyclohexane	7.63	56	359367	17.617	ug/l #	55
36) 1,1-Dichloropropene	7.66	75	73704	4.795	ug/l #	49
38) Carbon Tetrachloride	7.66	117	95662	6.761	ug/l #	15
39) Methylcyclohexane	9.08	83	2585914	137.088	ug/l	95
40) Benzene	8.04	78	12873	0.279	ug/l #	87
41) Methacrylonitrile	7.21	41	18087	3.535	ug/l #	41
43) Isopropyl Acetate	8.15	43	197369	10.425	ug/l #	53
45) 1,2-Dichloropropane	9.15	63	2731	0.226	ug/l #	1
47) Bromodichloromethane	9.38	83	516753	35.559	ug/l #	25
48) Methyl methacrylate	9.14	41	279896	33.711	ug/l #	37
51) 4-Methyl-2-Pentanone	10.02	43	257142	29.620	ug/l #	50
52) Toluene	10.15	92	10317	0.369	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	2069063	207.435	ug/l #	18
56) Ethyl methacrylate	10.43	69	662056	51.720	ug/l #	2
58) 2-Chloroethyl Vinyl ether	9.67	63	3993	0.559	ug/l #	49
59) 2-Hexanone	10.72	43	3839854	645.409	ug/l #	28
60) Dibromochloromethane	10.82	129	7815	0.725	ug/l #	11
61) 1,2-Dibromoethane	10.98	107	7976	0.809	ug/l #	1
65) Chlorobenzene	11.54	112	68778	2.285	ug/l #	43
67) Ethyl Benzene	11.52	91	39572	0.766	ug/l #	78
68) m/p-Xylenes	11.62	106	25561	1.317	ug/l #	47
69) o-Xylene	11.95	106	7508	0.396	ug/l #	31
71) Bromoform	12.40	173	4019	0.565	ug/l #	1
73) Isopropylbenzene	12.25	105	1861239	32.390	ug/l	100

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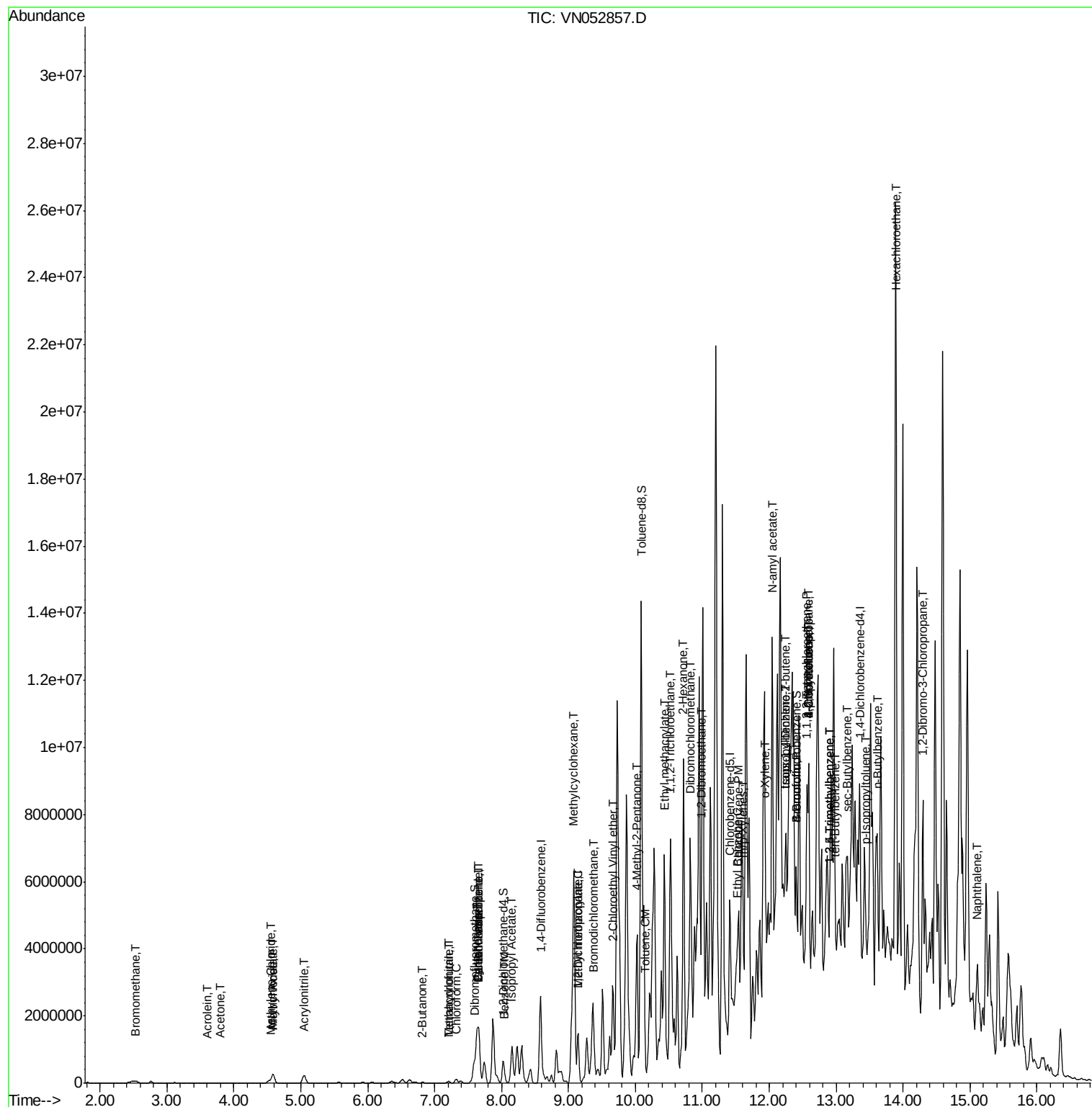
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
74) N-amyl acetate	12.05	43	2340631	148.365	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	12.56	83	517552	40.187	ug/l #	39
76) 1,2,3-Trichloropropane	12.59	75	27736	2.443	ug/l #	100
78) n-propylbenzene	12.59	91	4976898	75.940	ug/l	100
79) 2-Chlorotoluene	12.59	91	4976898	128.454	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.89	105	338355	7.294	ug/l	73
81) trans-1,4-Dichloro-2-buten	12.25	75	19640	5.556	ug/l #	2
82) 4-Chlorotoluene	12.59	91	4976898	125.636	ug/l #	40
83) tert-Butylbenzene	12.99	119	121124	2.960	ug/l	75
84) 1,2,4-Trimethylbenzene	12.89	105	340588	7.252	ug/l	76
85) sec-Butylbenzene	13.17	105	1358250	24.510	ug/l #	57
86) p-Isopropyltoluene	13.45	119	551833	11.494	ug/l	93
89) n-Butylbenzene	13.62	91	2479919	61.356	ug/l #	79
90) Hexachloroethane	13.89	117	1166996	145.156	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.29	75	17655	9.094	ug/l #	1
95) Naphthalene	15.11	128	121651	4.325	ug/l #	31

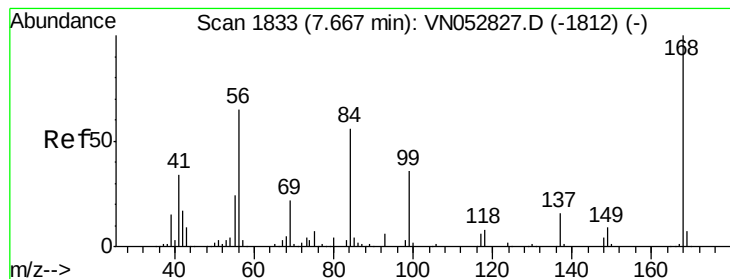
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN052857.D

Acq: 13 Dec 2018 12:01

Instrument :

MSVOA_N

ClientSampled :

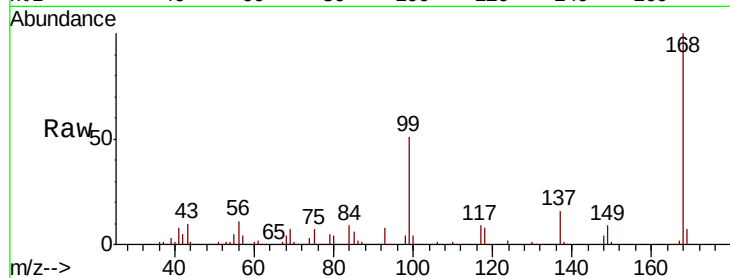
055_BT-1-1

Tot Ion:168 Resp: 1108495

Ion Ratio Lower Upper

168 100

99 50.9 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN052827.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN052827.D (-1812) (-)

7.66

400000

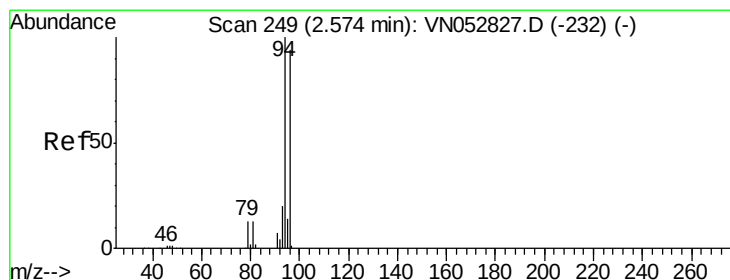
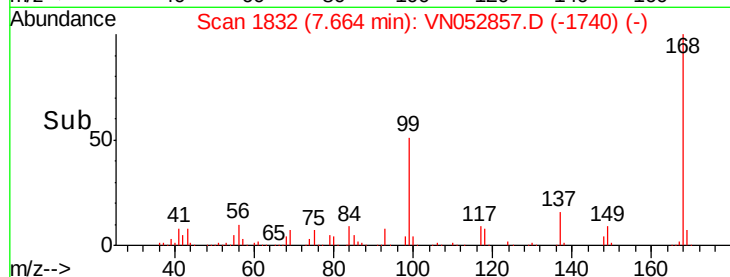
300000

200000

100000

0

Time-->



#5

Bromomethane

Concen: 0.279 ug/l

RT: 2.52 min Scan# 231

Delta R.T. -0.06 min

Lab File: VN052857.D

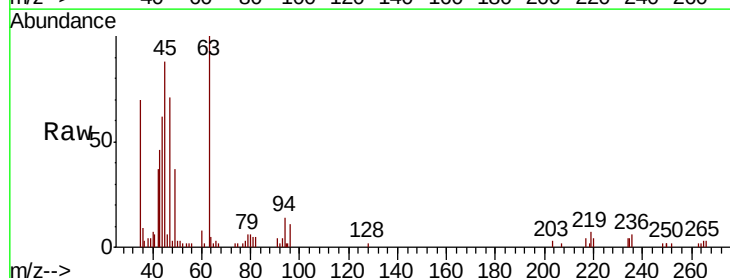
Acq: 13 Dec 2018 12:01

Tgt Ion: 94 Resp: 2361

Ion Ratio Lower Upper

94 100

96 76.4 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VN052827.D (-232) (-)

Ion 95.90 (95.60 to 96.60): VN052827.D (-232) (-)

2.52

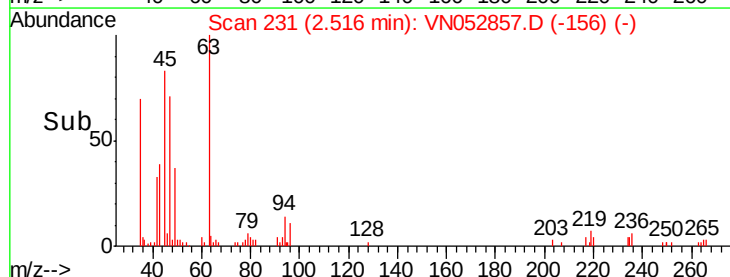
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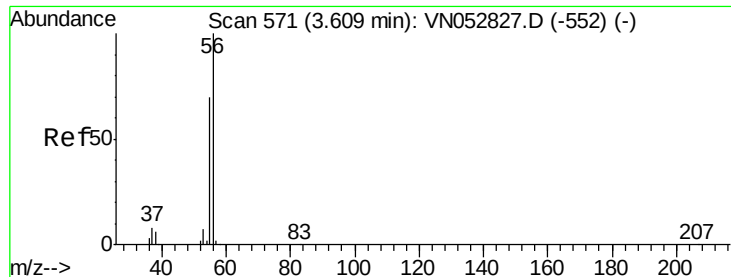
1000

500

0

Time-->





#13

Acrolein

Concen: 0.495 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN052857.D

Acq: 13 Dec 2018 12:01

Instrument :

MSVOA_N

ClientSampled :

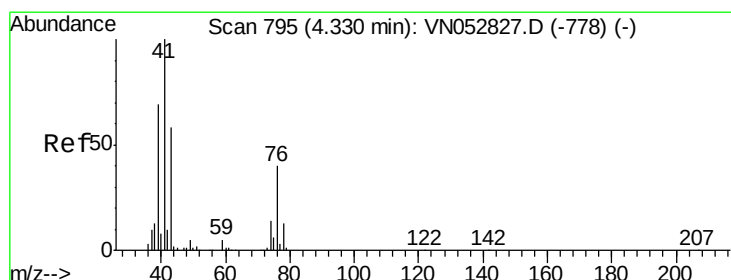
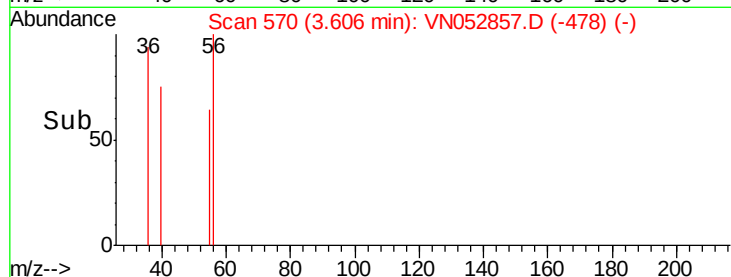
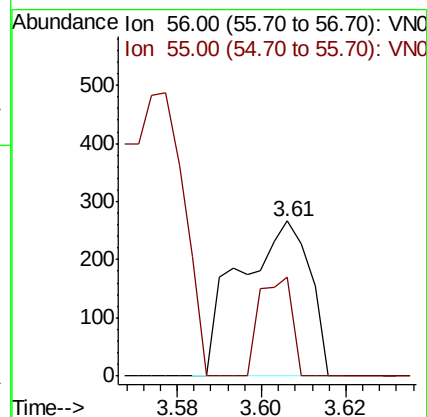
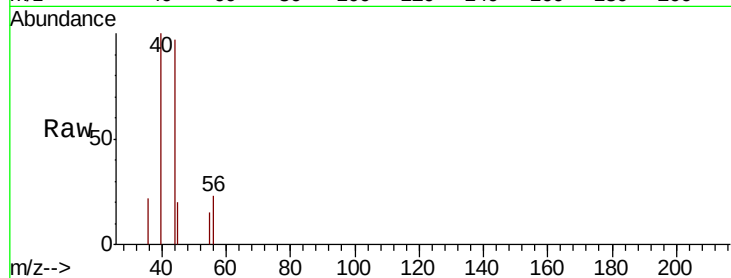
055_BT-1-1

Tot Ion: 56 Resp: 307

Ion Ratio Lower Upper

56 100

55 29.6 56.6 85.0#



#14

Allyl chloride

Concen: 7.627 ug/l

RT: 4.59 min Scan# 875

Delta R.T. 0.26 min

Lab File: VN052857.D

Acq: 13 Dec 2018 12:01

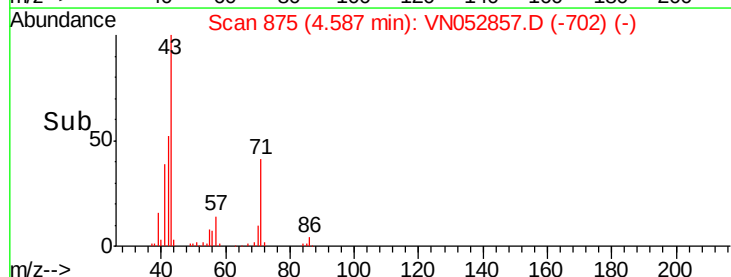
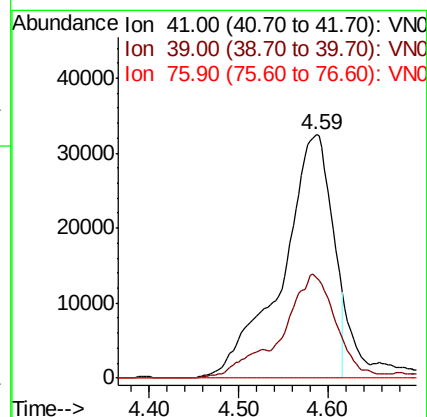
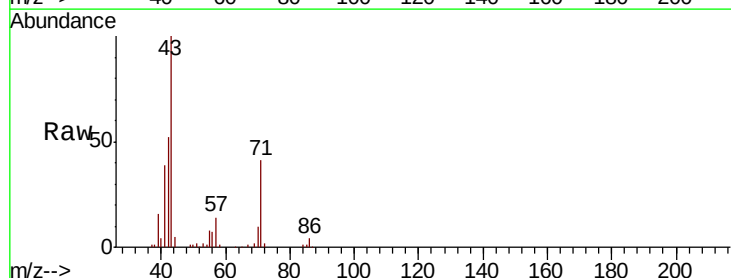
Tgt Ion: 41 Resp: 126954

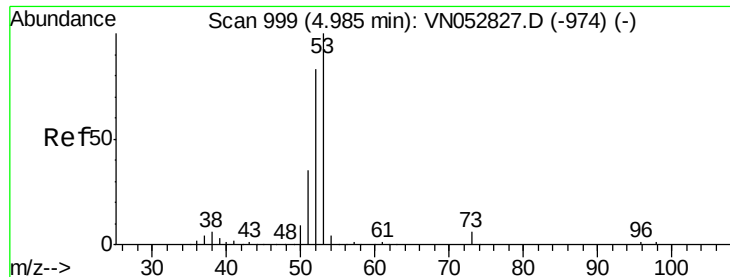
Ion Ratio Lower Upper

41 100

39 23.3 54.1 81.1#

76 0.0 30.3 45.5#





#15

Acrylonitrile

Concen: 2.287 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. 0.06 min

Lab File: VN052857.D

Acq: 13 Dec 2018 12:01

Instrument :

MSVOA_N

ClientSampled :

055_BT-1-1

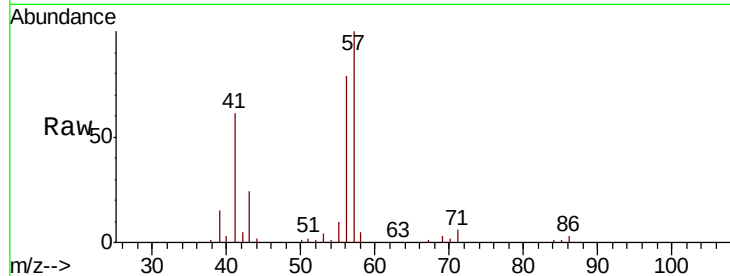
Tot Ion: 53 Resp: 8451

Ion Ratio Lower Upper

53 100

52 21.7 65.1 97.7#

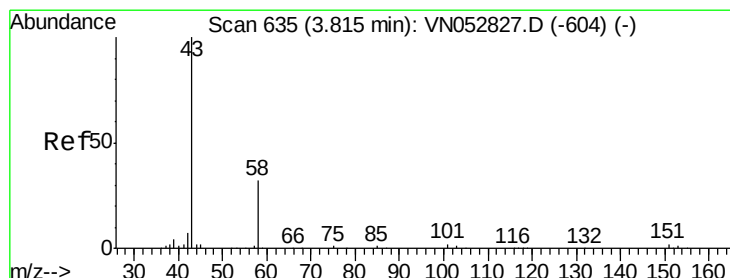
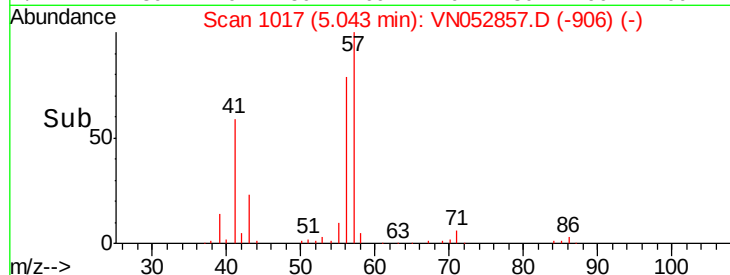
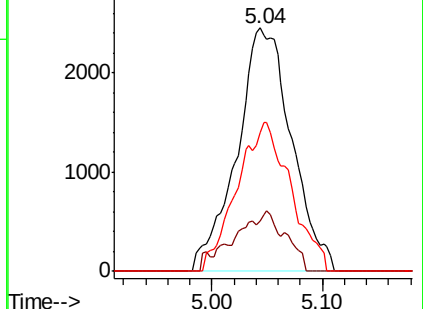
51 59.9 28.1 42.1#



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 1.649 ug/l

RT: 3.81 min Scan# 632

Delta R.T. -0.01 min

Lab File: VN052857.D

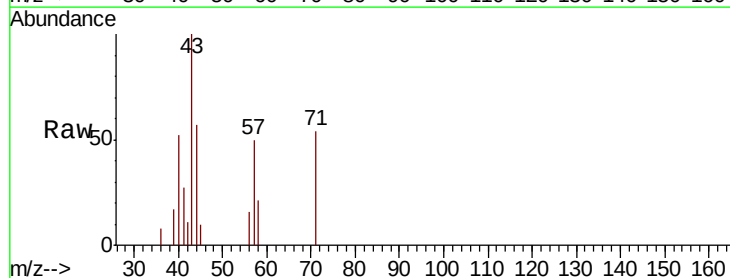
Acq: 13 Dec 2018 12:01

Tgt Ion: 43 Resp: 4364

Ion Ratio Lower Upper

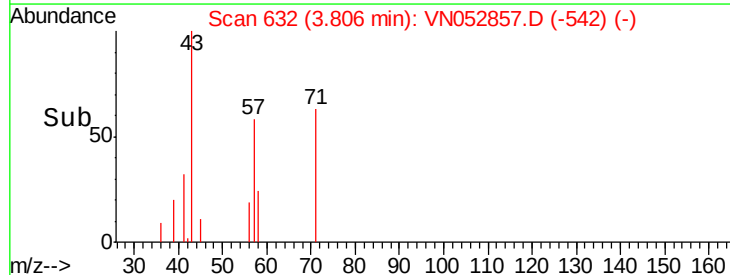
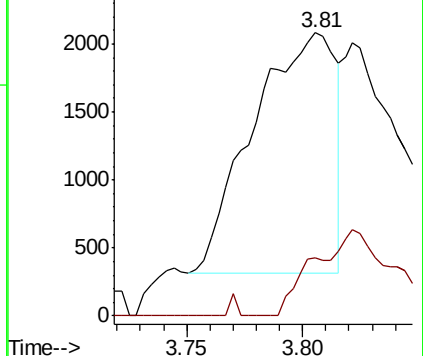
43 100

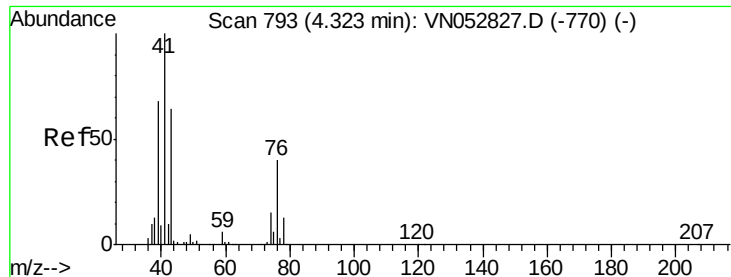
58 24.4 25.4 38.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

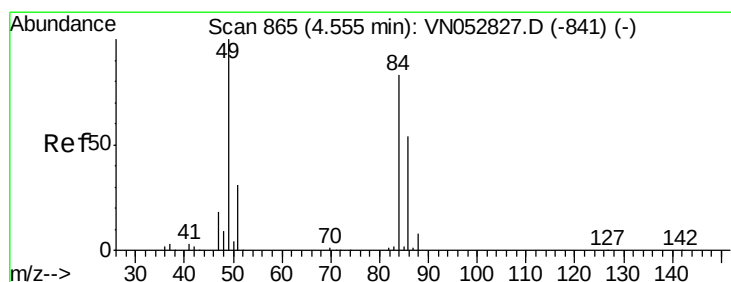
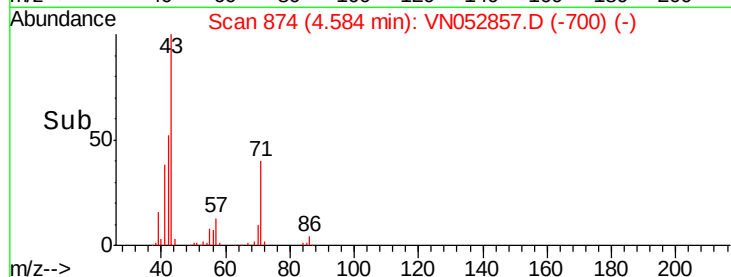
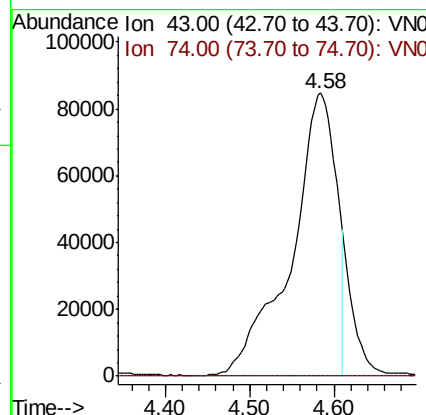
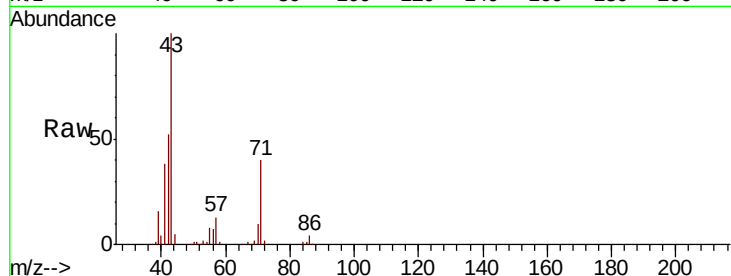




#18
Methvl Acetate
Concen: 32.258 ug/l
RT: 4.58 min Scan# 874
Delta R.T. 0.26 min
Lab File: VN052857.D
Acq: 13 Dec 2018 12:01

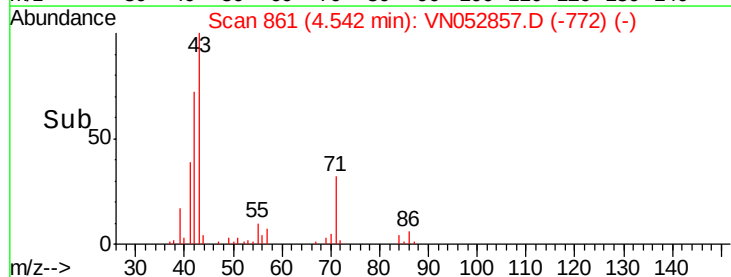
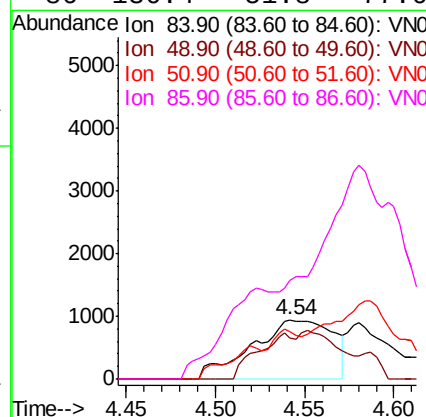
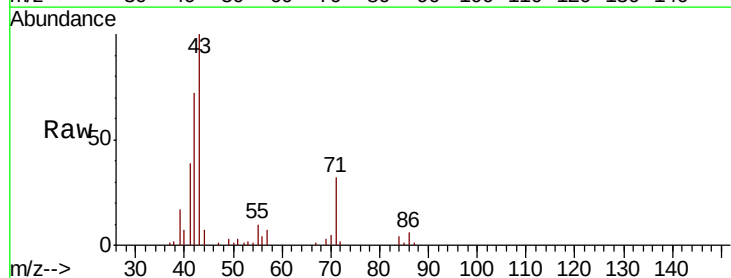
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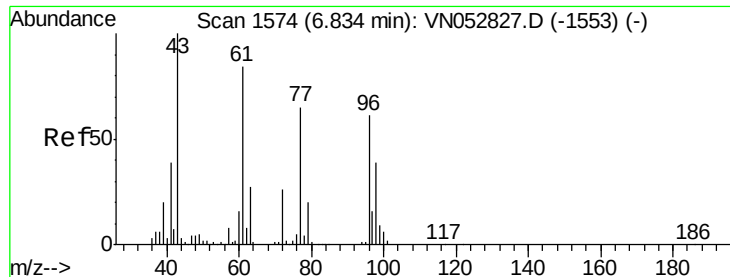
Tot Ion: 43 Resp: 313394
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



#20
Methylene Chloride
Concen: 0.251 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.01 min
Lab File: VN052857.D
Acq: 13 Dec 2018 12:01

Tgt Ion: 84 Resp: 2985
Ion Ratio Lower Upper
84 100
49 70.1 96.8 145.2#
51 80.6 29.9 44.9#
86 136.4 51.8 77.6#

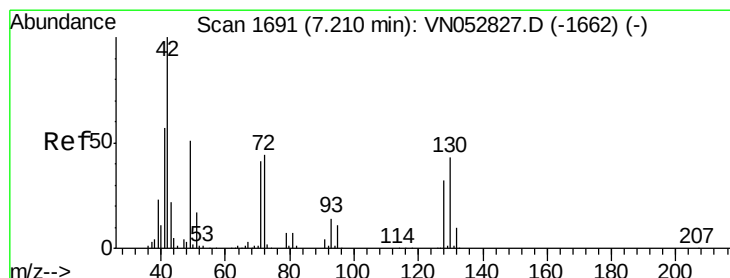
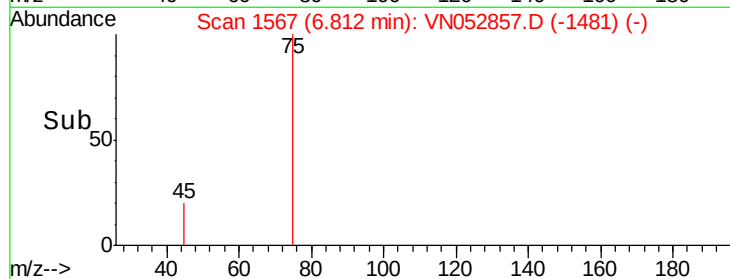
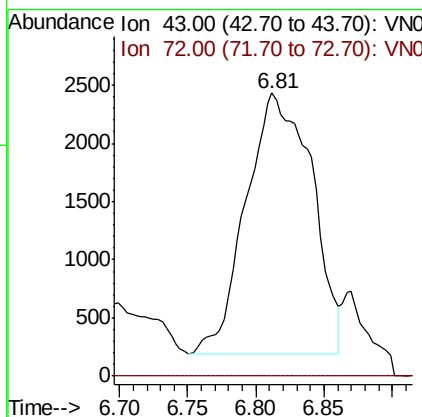
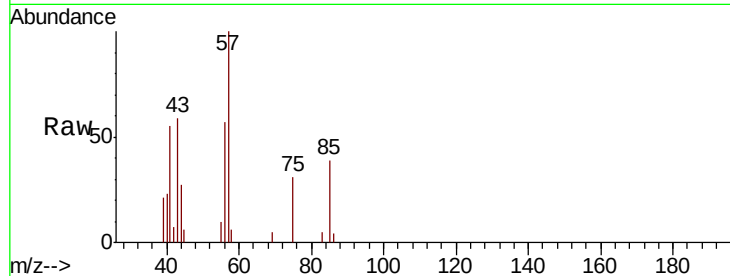




#25
 2-Butanone
 Concen: 1.835 ug/l
 RT: 6.81 min Scan# 1567
 Delta R.T. -0.02 min
 Lab File: VN052857.D
 Acq: 13 Dec 2018 12:01

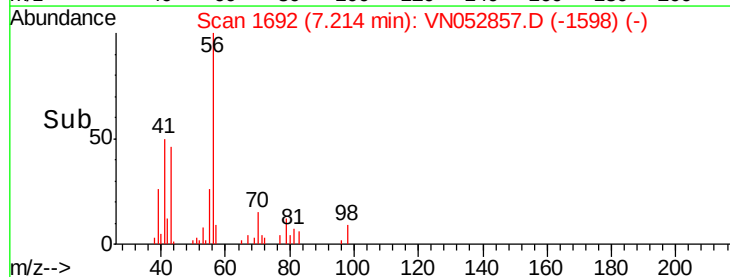
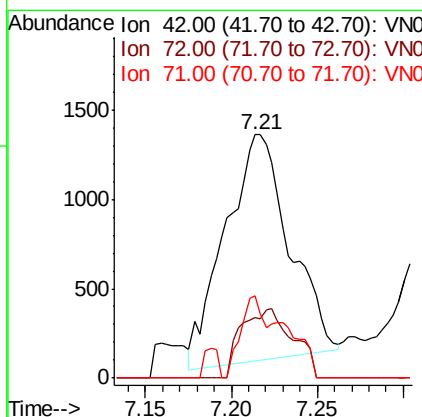
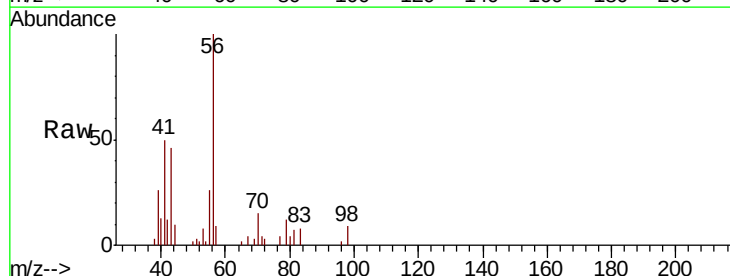
Instrument :
 MSVOA_N
 ClientSampled :
 055_BT-1-1

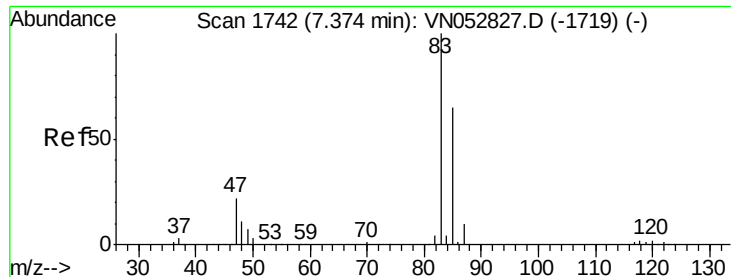
Tot Ion: 43 Resp: 7536
 Ion Ratio Lower Upper
 43 100
 72 0.0 21.0 31.6#



#29
 Tetrahydrofuran
 Concen: 1.176 ug/l
 RT: 7.21 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VN052857.D
 Acq: 13 Dec 2018 12:01

Tgt Ion: 42 Resp: 3299
 Ion Ratio Lower Upper
 42 100
 72 24.4 34.7 52.1#
 71 0.0 32.3 48.5#

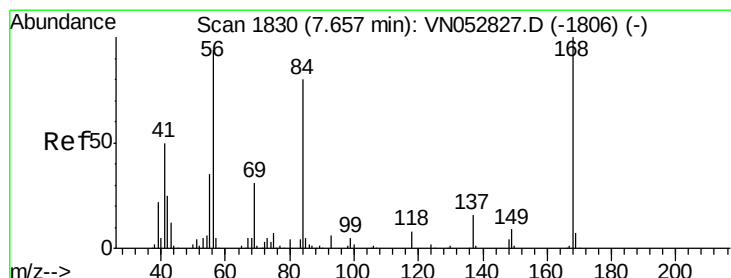
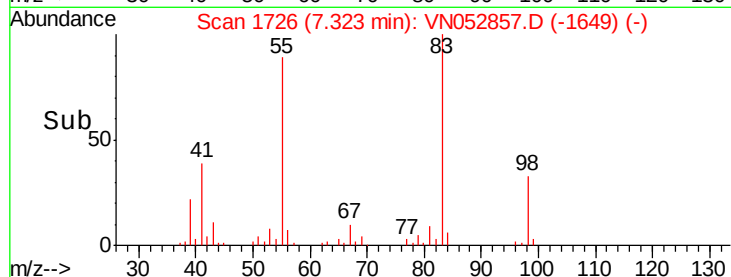
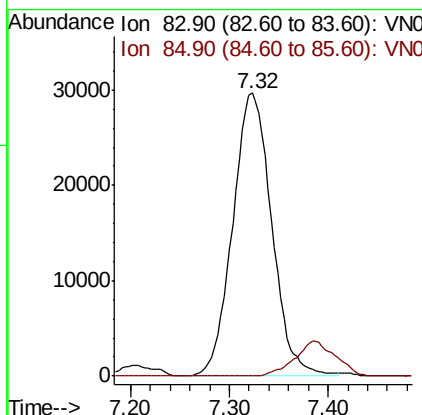
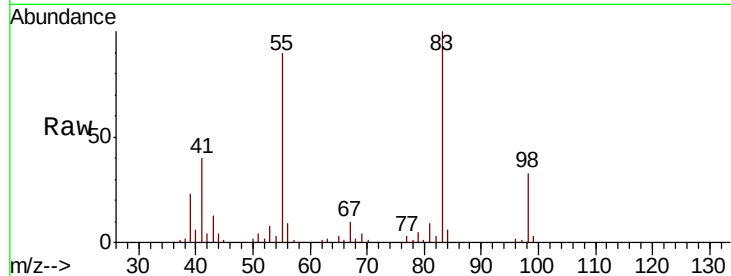




#30
Chloroform
Concen: 4.072 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.05 min
Lab File: VN052857.D
Acq: 13 Dec 2018 12:01

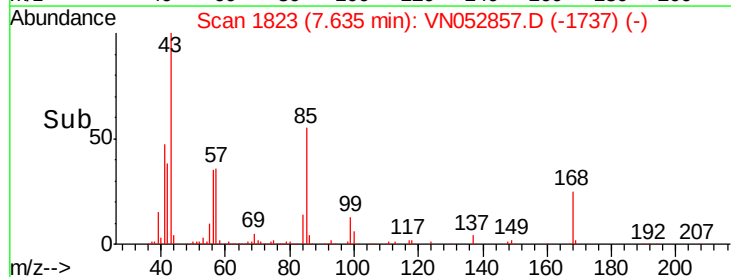
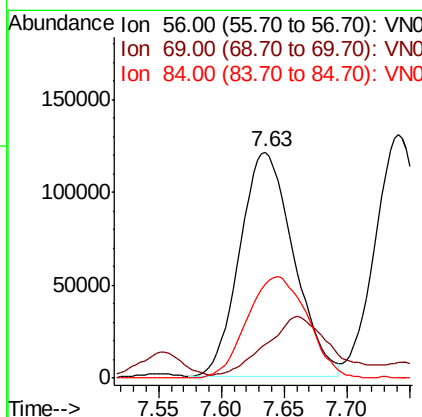
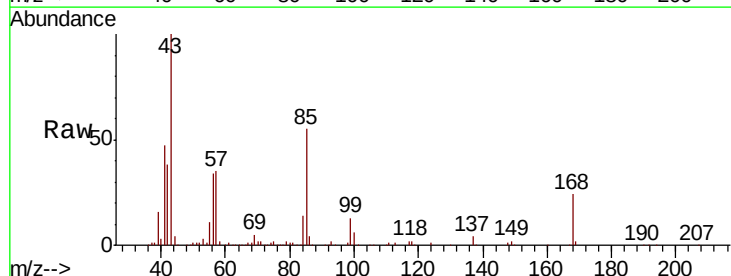
Instrument :
MSVOA_N
ClientSampled :
055_BT-1-1

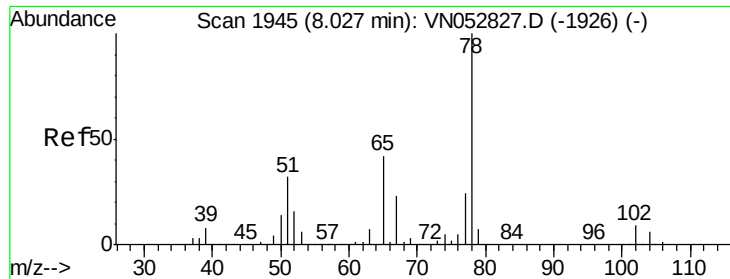
Tot Ion: 83 Resp: 81311
Ion Ratio Lower Upper
83 100
85 0.0 52.1 78.1#



#31
Cyclohexane
Concen: 17.617 ug/l
RT: 7.63 min Scan# 1823
Delta R.T. -0.02 min
Lab File: VN052857.D
Acq: 13 Dec 2018 12:01

Tgt Ion: 56 Resp: 359367
Ion Ratio Lower Upper
56 100
69 10.1 26.6 39.8#
84 42.2 68.4 102.6#

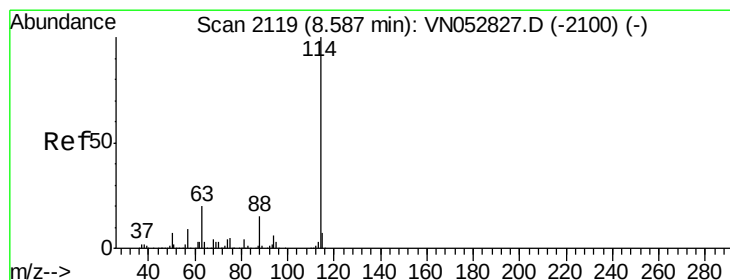
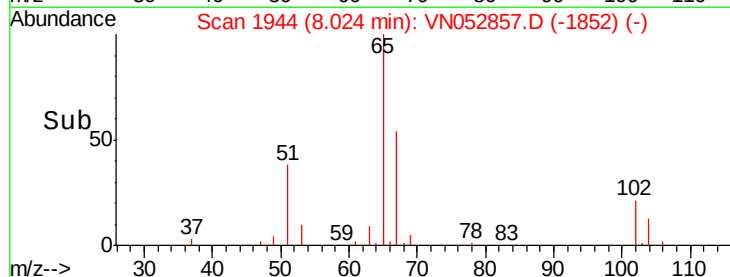
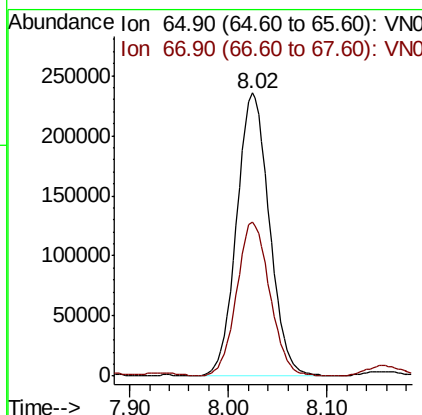
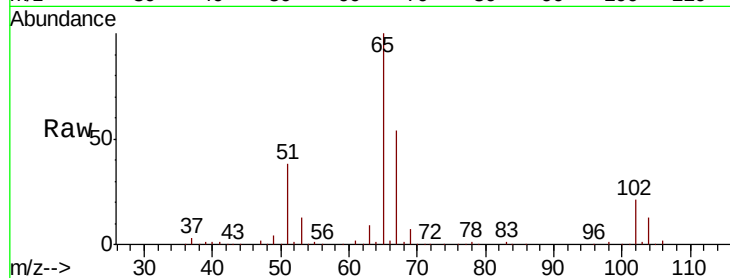




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN052857.D
 Acq: 13 Dec 2018 12:01

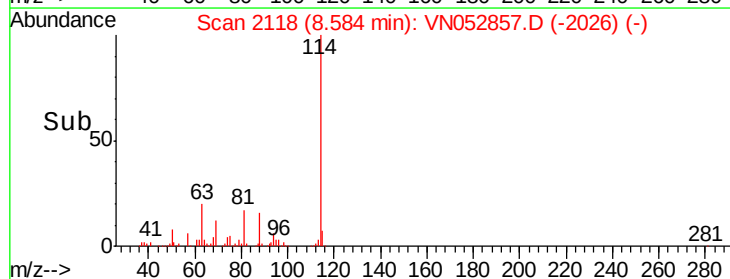
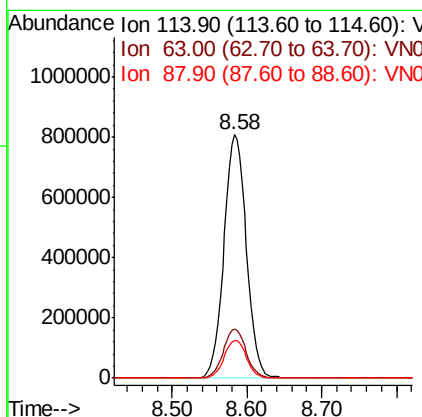
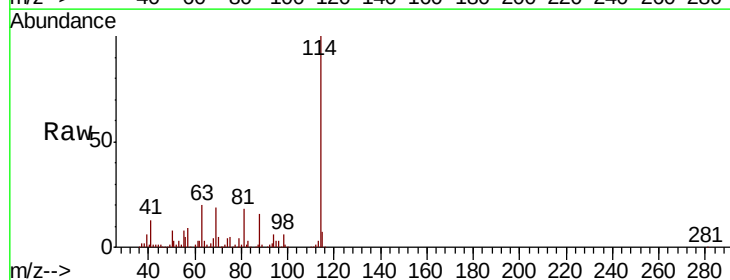
Instrument :
 MSVOA_N
 ClientSampled :
 055_BT-1-1

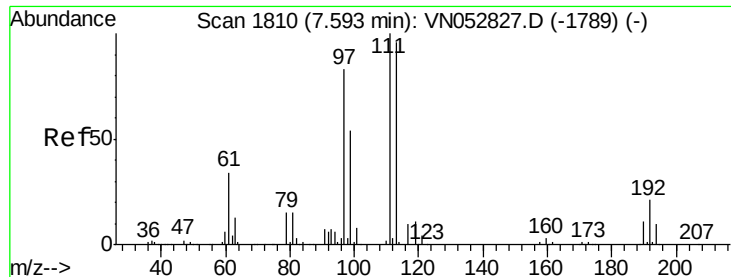
Tot Ion: 65 Resp: 540479
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN052857.D
 Acq: 13 Dec 2018 12:01

Tgt Ion: 114 Resp: 1669224
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.8
 88 15.6 0.0 31.0

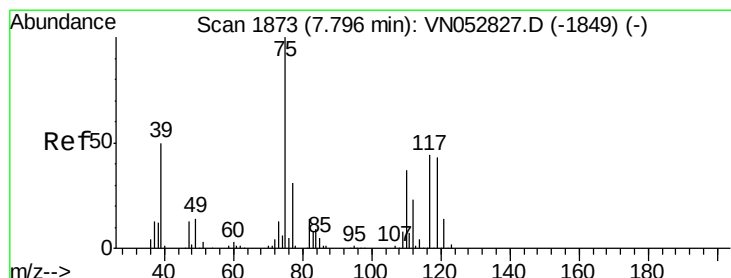
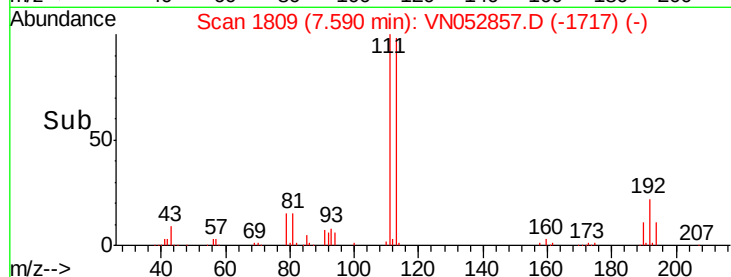
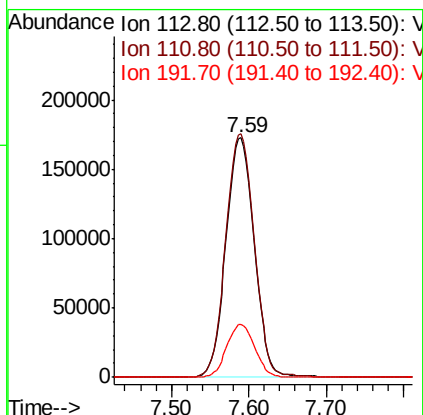
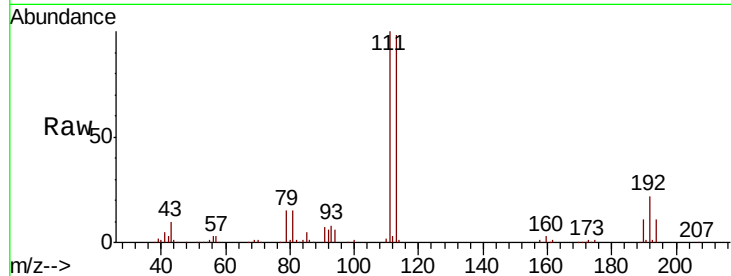




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052857.D
 Acq: 13 Dec 2018 12:01

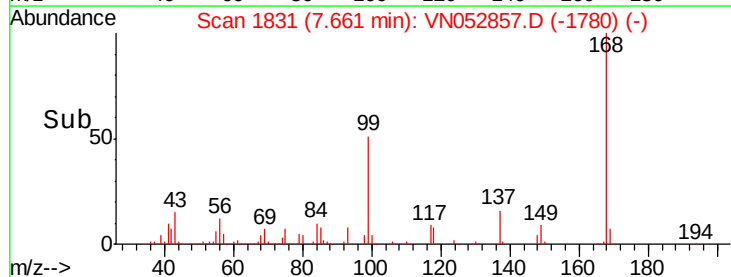
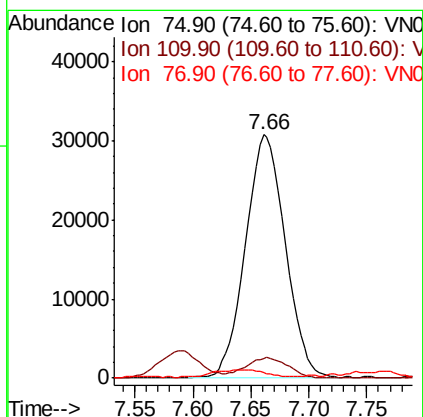
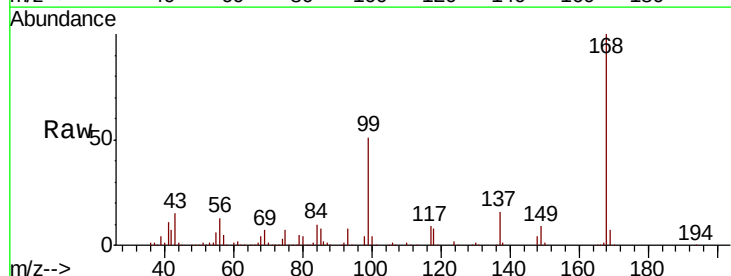
Instrument :
 MSVOA_N
 ClientSampleId :
 055_BT-1-1

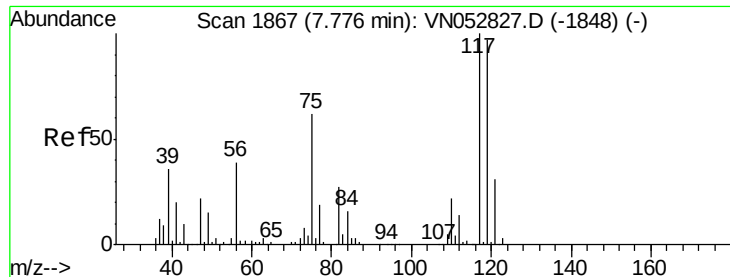
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.0	124.4
192	21.9	17.5	26.3



#36
 1,1-Dichloropropene
 Concen: 4.795 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN052857.D
 Acq: 13 Dec 2018 12:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.2	54.6#
77	0.0	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 6.761 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN052857.D

Acq: 13 Dec 2018 12:01

Instrument :

MSVOA_N

ClientSampled :

055_BT-1-1

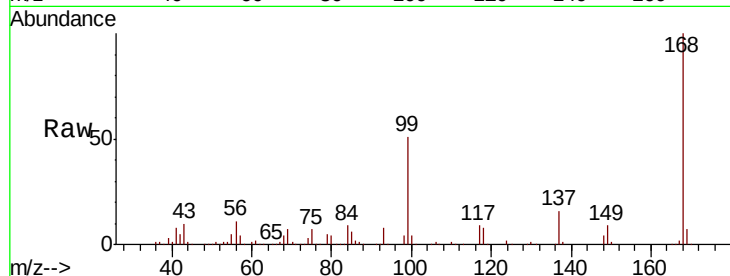
Tot Ion:117 Resp: 95662

Ion Ratio Lower Upper

117 100

119 4.3 77.1 115.7#

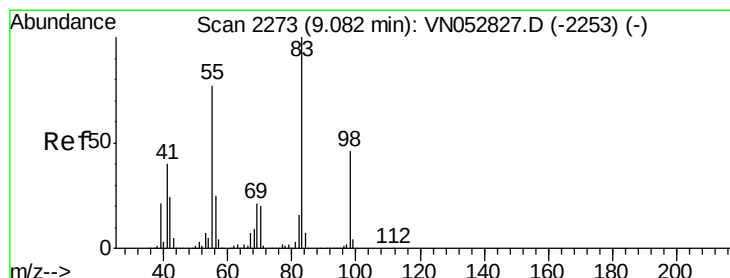
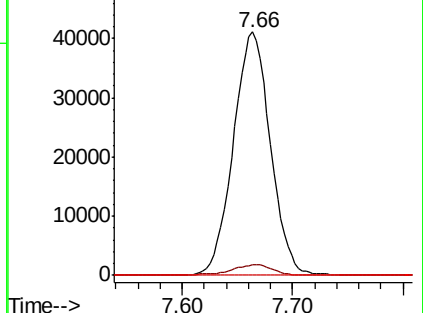
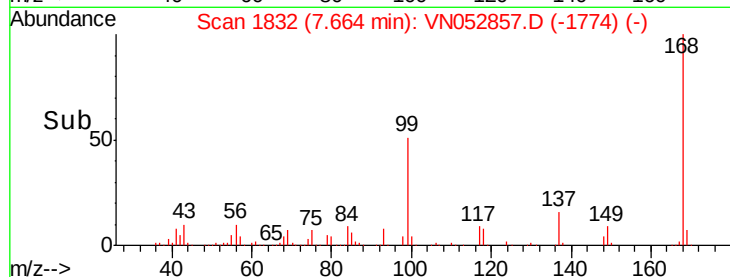
121 0.0 24.9 37.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 137.088 ug/l

RT: 9.08 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VN052857.D

Acq: 13 Dec 2018 12:01

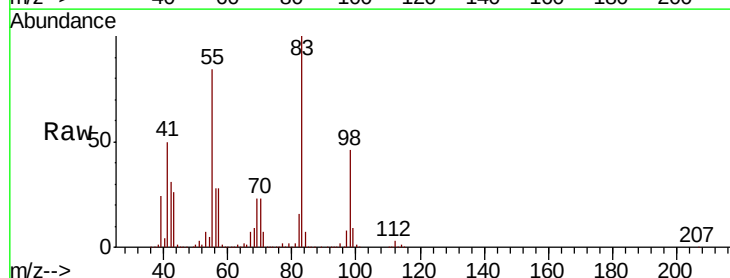
Tgt Ion: 83 Resp: 2585914

Ion Ratio Lower Upper

83 100

55 83.5 61.3 91.9

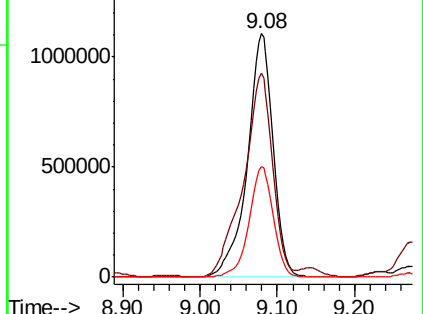
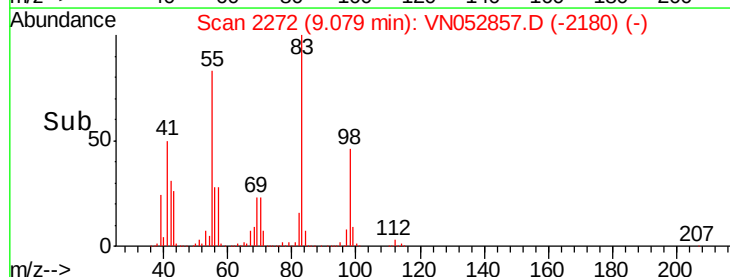
98 45.6 37.0 55.4

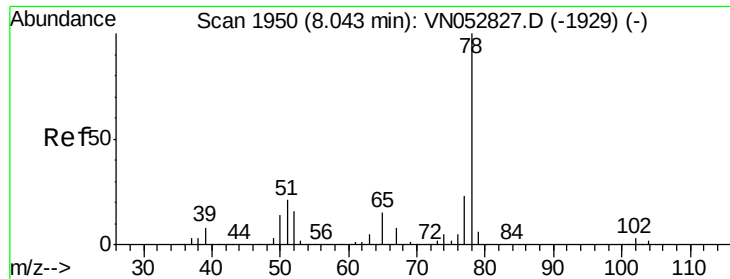


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V





#40

Benzene

Concen: 0.279 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN052857.D

Acq: 13 Dec 2018 12:01

Instrument :

MSVOA_N

ClientSampleId :

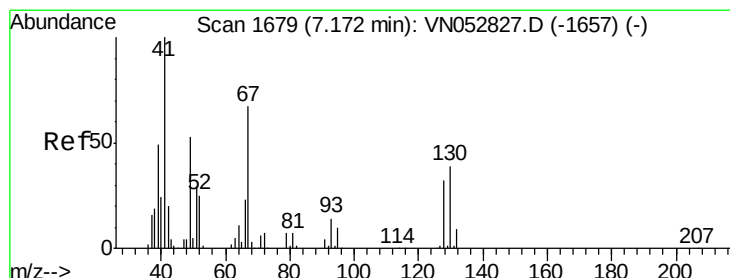
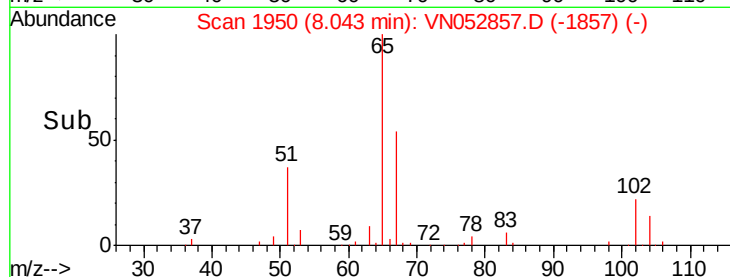
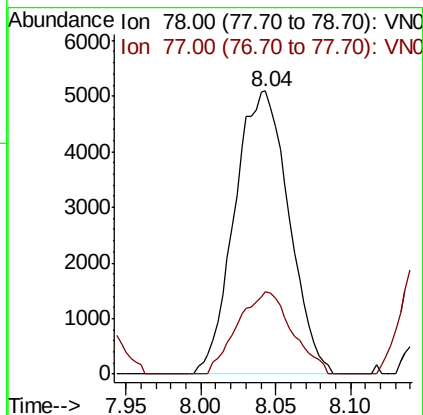
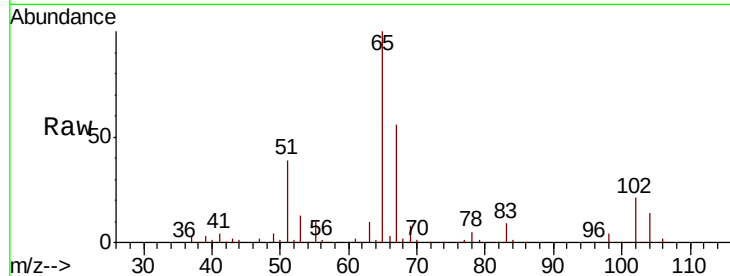
055_BT-1-1

Tot Ion: 78 Resp: 12873

Ion Ratio Lower Upper

78 100

77 29.2 18.5 27.7#



#41

Methacrylonitrile

Concen: 3.535 ug/l

RT: 7.21 min Scan# 1690

Delta R.T. 0.04 min

Lab File: VN052857.D

Acq: 13 Dec 2018 12:01

Tgt Ion: 41 Resp: 18087

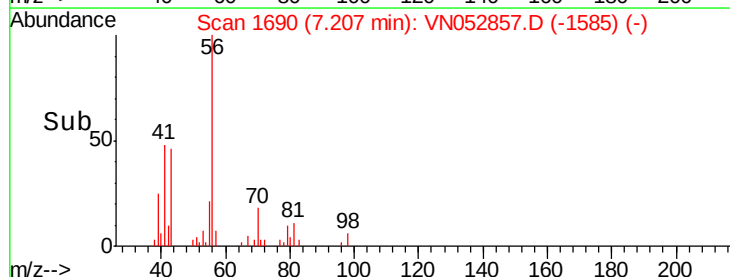
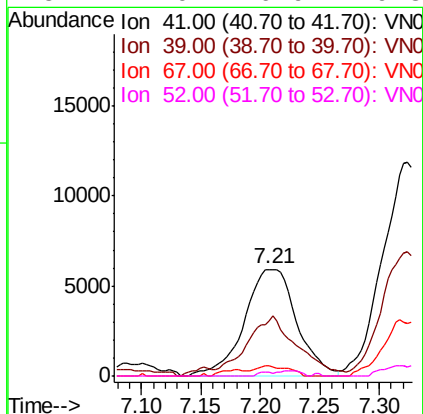
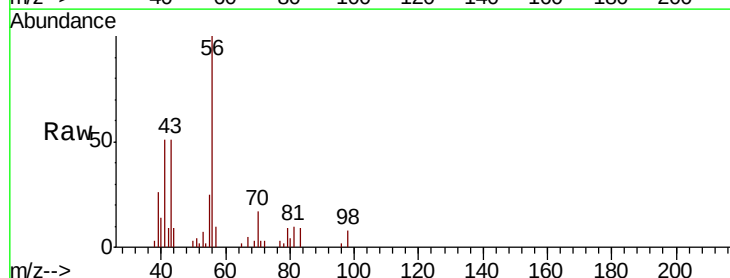
Ion Ratio Lower Upper

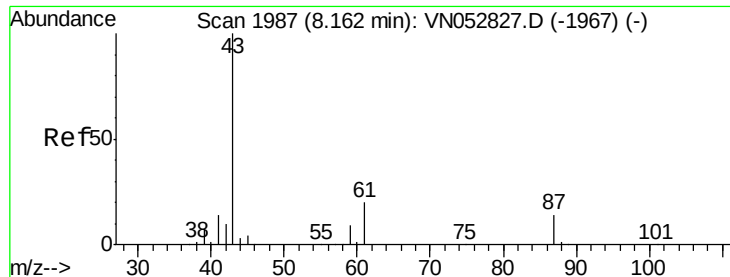
41 100

39 45.9 48.0 72.0#

67 6.0 70.3 105.5#

52 1.0 26.9 40.3#





#43

Isopropyl Acetate

Concen: 10.425 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. -0.01 min

Lab File: VN052857.D

Acq: 13 Dec 2018 12:01

Instrument :

MSVOA_N

ClientSampled :

055_BT-1-1

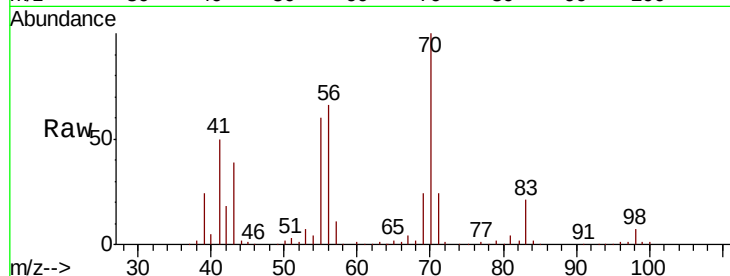
Tot Ion: 43 Resp: 197369

Ion Ratio Lower Upper

43 100

61 0.2 22.9 34.3#

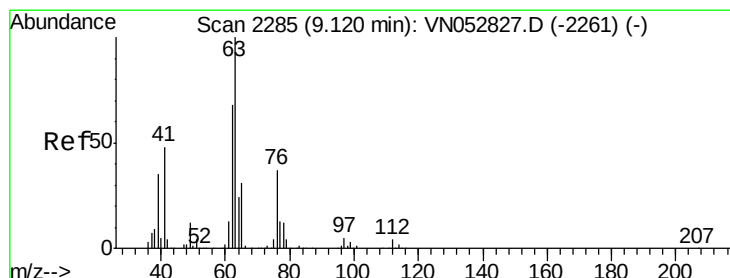
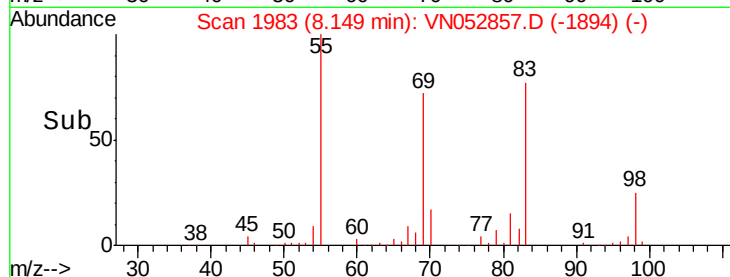
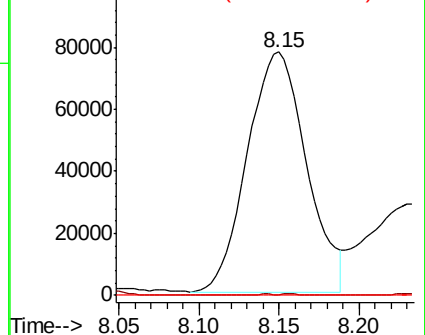
87 0.0 10.6 15.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.226 ug/l

RT: 9.15 min Scan# 2294

Delta R.T. 0.03 min

Lab File: VN052857.D

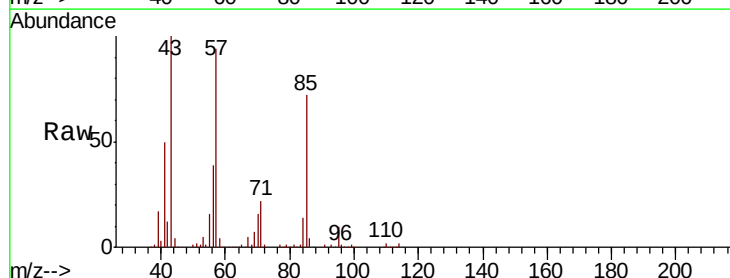
Acq: 13 Dec 2018 12:01

Tgt Ion: 63 Resp: 2731

Ion Ratio Lower Upper

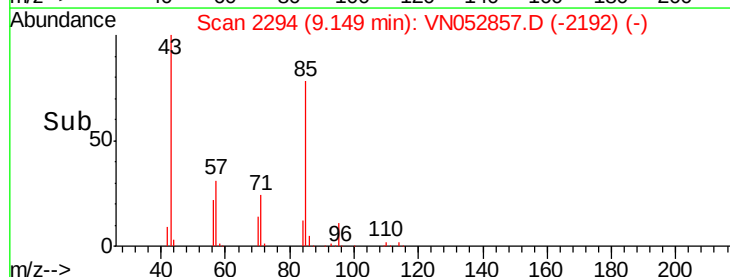
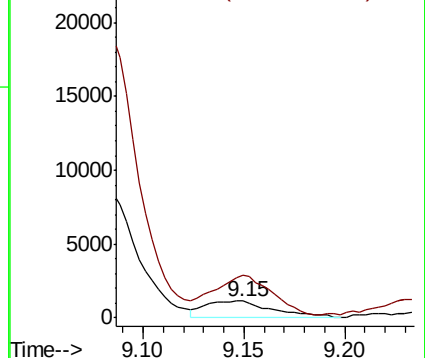
63 100

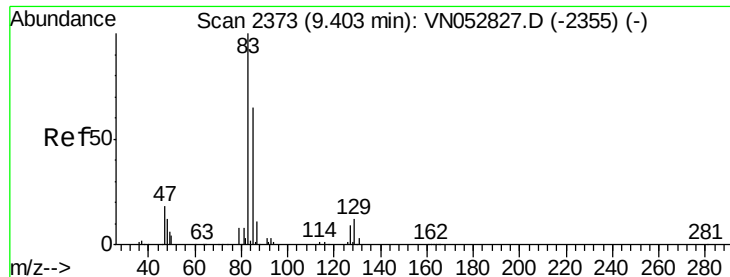
65 238.4 24.6 37.0#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0





#47

Bromodichloromethane

Concen: 35.559 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.02 min

Lab File: VN052857.D

Acq: 13 Dec 2018 12:01

Instrument :

MSVOA_N

ClientSampleId :

055_BT-1-1

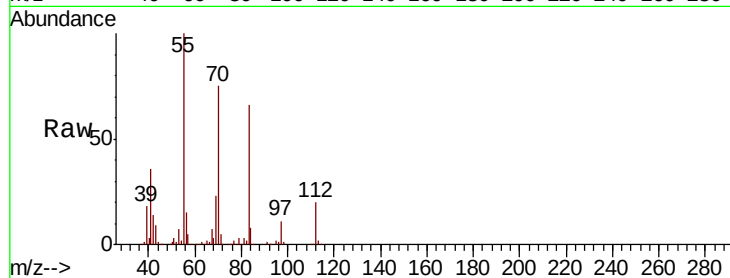
Tot Ion: 83 Resp: 516753

Ion Ratio Lower Upper

83 100

85 0.3 51.6 77.4#

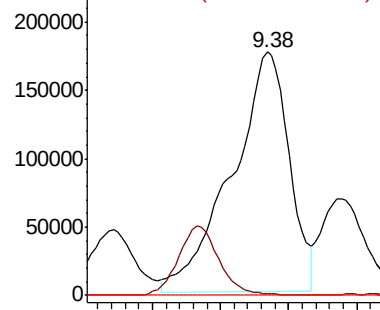
127 0.0 7.1 10.7#



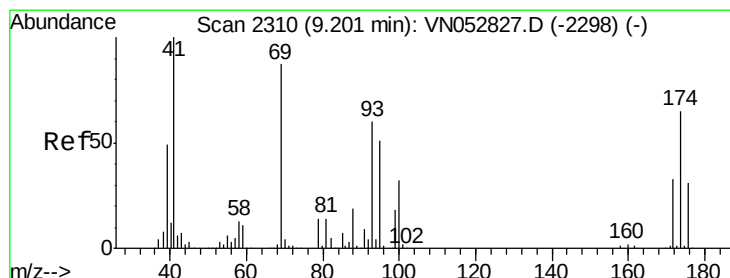
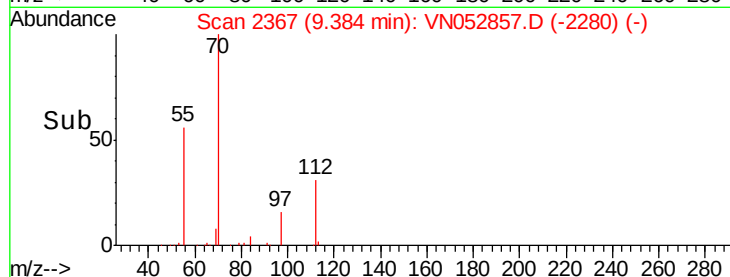
Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



Time-->



#48

Methyl methacrylate

Concen: 33.711 ug/l

RT: 9.14 min Scan# 2291

Delta R.T. -0.06 min

Lab File: VN052857.D

Acq: 13 Dec 2018 12:01

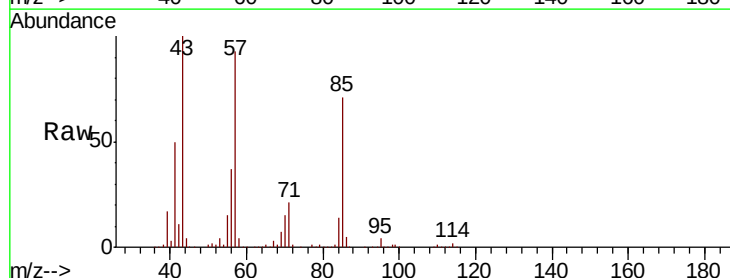
Tgt Ion: 41 Resp: 279896

Ion Ratio Lower Upper

41 100

69 11.4 72.2 108.2#

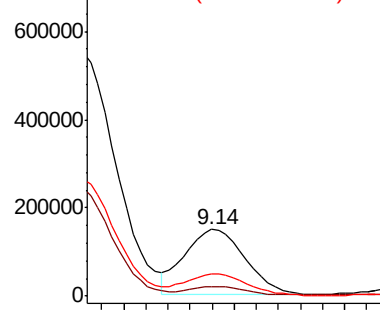
39 33.1 41.9 62.9#



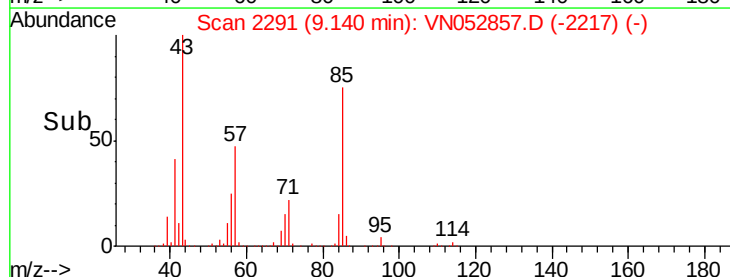
Abundance Ion 41.00 (40.70 to 41.70): VN0

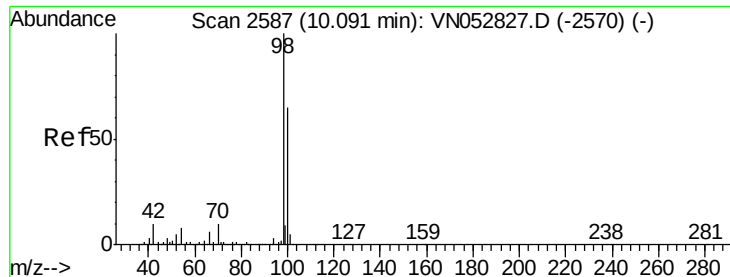
Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



Time-->





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052857.D

Acq: 13 Dec 2018 12:01

Instrument :

MSVOA_N

ClientSampled :

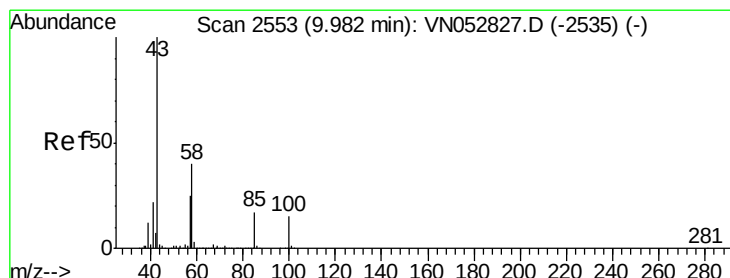
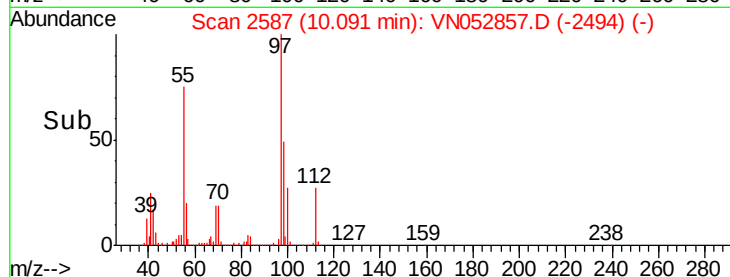
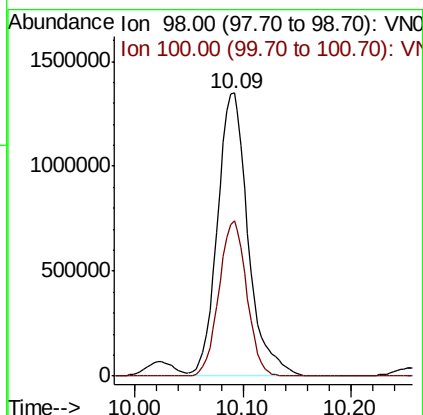
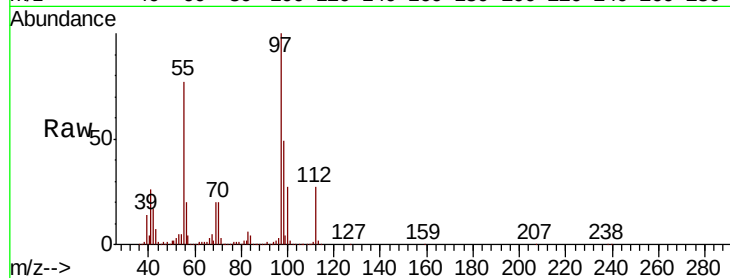
055_BT-1-1

Tot Ion: 98 Resp: 2667683

Ion Ratio Lower Upper

98 100

100 49.7 51.6 77.4#



#51

4-Methyl-2-Pentanone

Concen: 29.620 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN052857.D

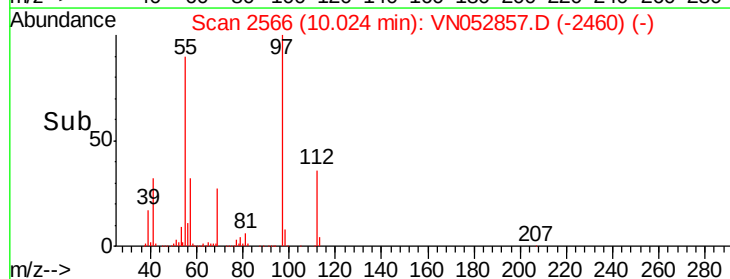
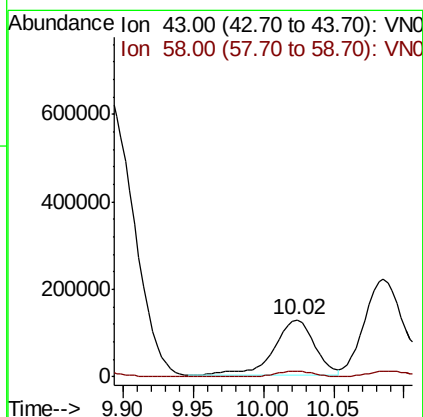
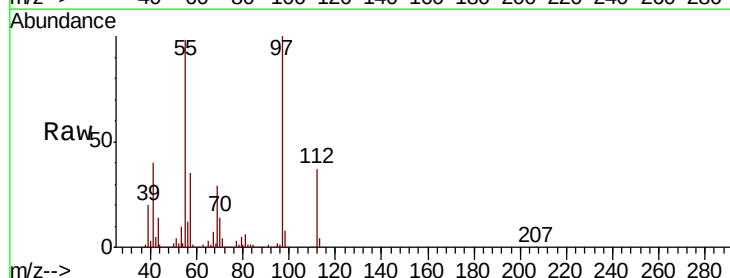
Acq: 13 Dec 2018 12:01

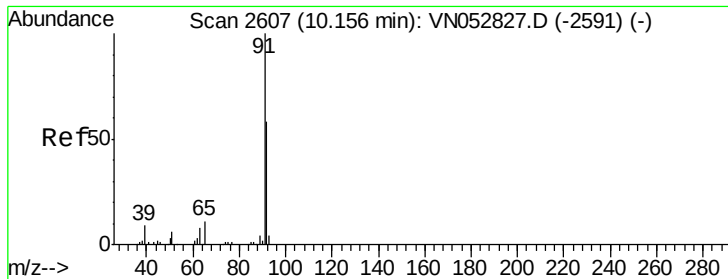
Tgt Ion: 43 Resp: 257142

Ion Ratio Lower Upper

43 100

58 9.3 32.2 48.4#





#52

Toluene

Concen: 0.369 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN052857.D

Acq: 13 Dec 2018 12:01

Instrument :

MSVOA_N

ClientSampled :

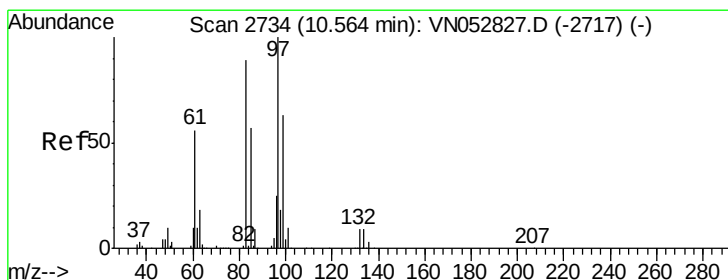
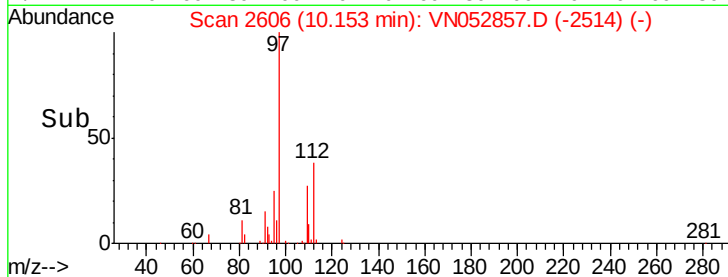
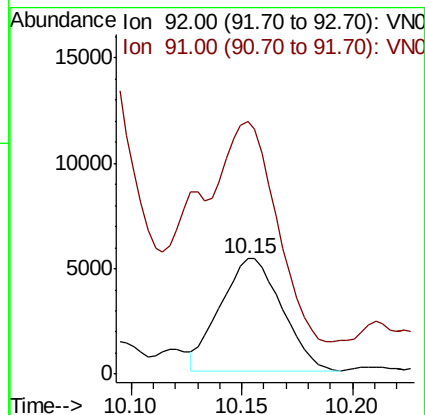
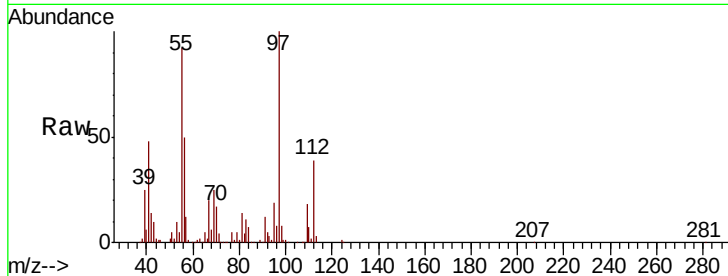
055_BT-1-1

Tot Ion: 92 Resp: 10317

Ion Ratio Lower Upper

92 100

91 169.4 139.8 209.6



#55

1,1,2-Trichloroethane

Concen: 207.435 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.03 min

Lab File: VN052857.D

Acq: 13 Dec 2018 12:01

Tgt Ion: 97 Resp: 2069063

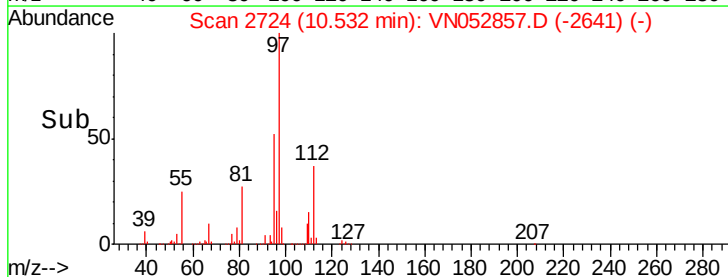
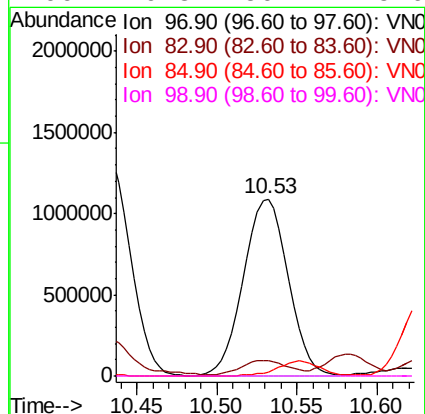
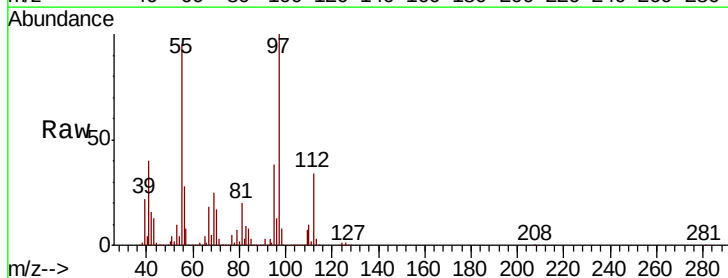
Ion Ratio Lower Upper

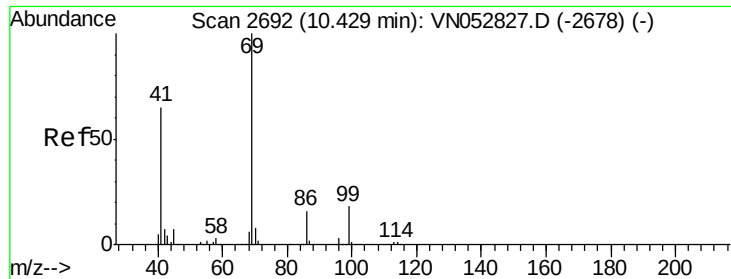
97 100

83 7.2 70.9 106.3#

85 2.5 45.4 68.2#

99 0.3 50.4 75.6#





#56

Ethyl methacrylate

Concen: 51.720 ug/l

RT: 10.43 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN052857.D

Acq: 13 Dec 2018 12:01

Instrument :

MSVOA_N

ClientSampled :

055_BT-1-1

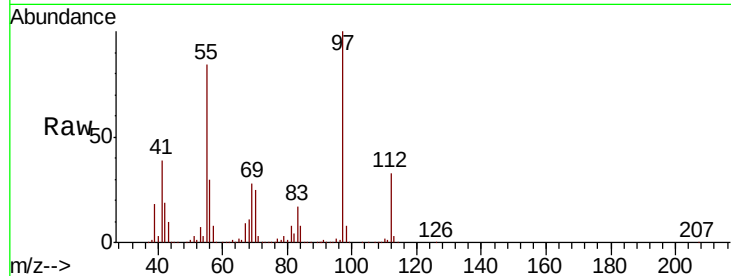
Tot Ion: 69 Resp: 662056

Ion Ratio Lower Upper

69 100

41 153.2 51.7 77.5#

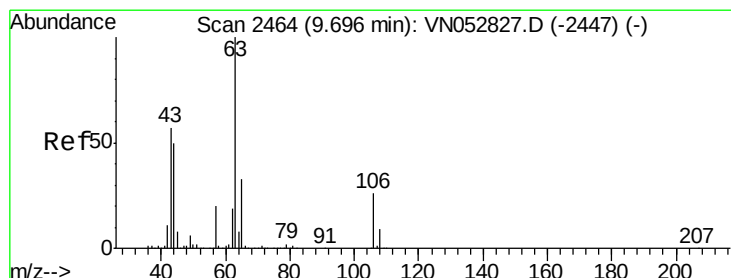
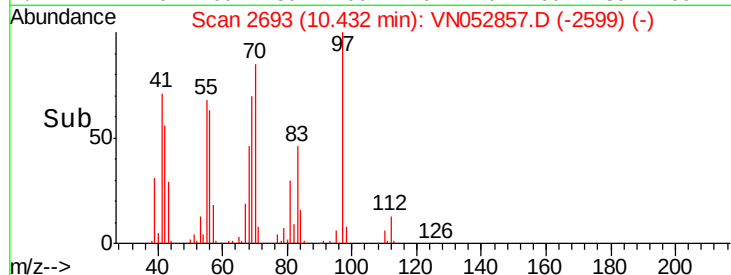
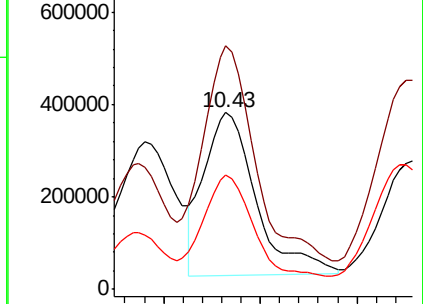
39 68.3 24.6 37.0#



Abundance Ion 69.00 (68.70 to 69.70): VN052827.D (-2678) (-)

Ion 41.00 (40.70 to 41.70): VN052827.D (-2678) (-)

Ion 39.00 (38.70 to 39.70): VN052827.D (-2678) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 0.559 ug/l

RT: 9.67 min Scan# 2455

Delta R.T. -0.03 min

Lab File: VN052857.D

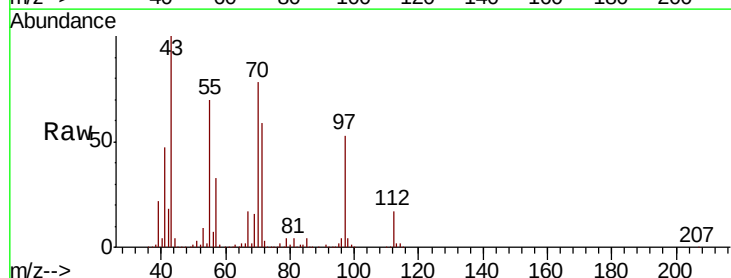
Acq: 13 Dec 2018 12:01

Tgt Ion: 63 Resp: 3993

Ion Ratio Lower Upper

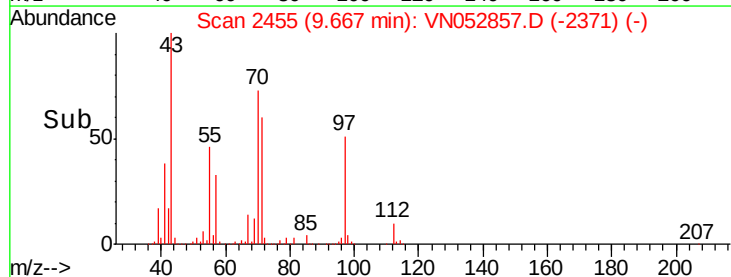
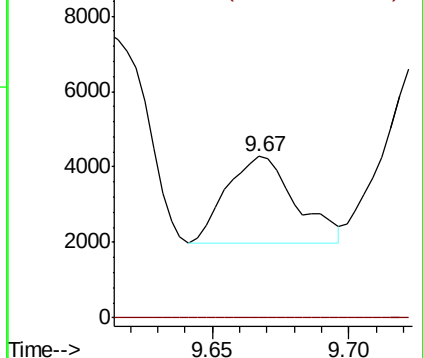
63 100

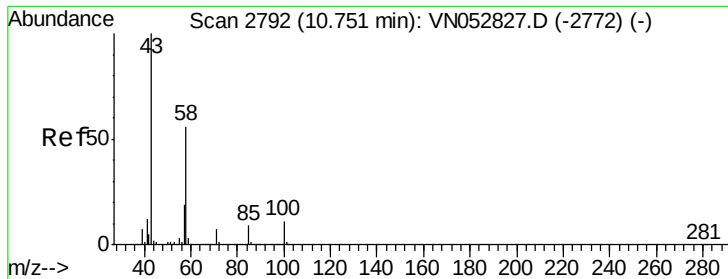
106 0.0 21.0 31.6#



Abundance Ion 62.90 (62.60 to 63.60): VN052827.D (-2447) (-)

Ion 105.90 (105.60 to 106.60): VN052827.D (-2447) (-)

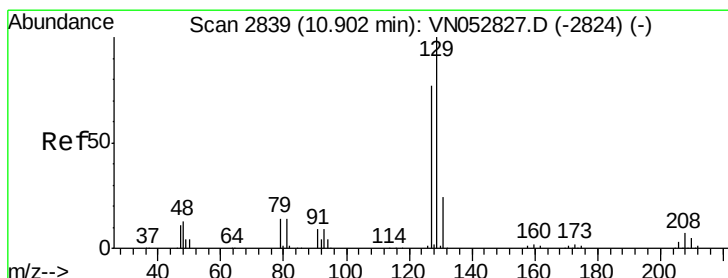
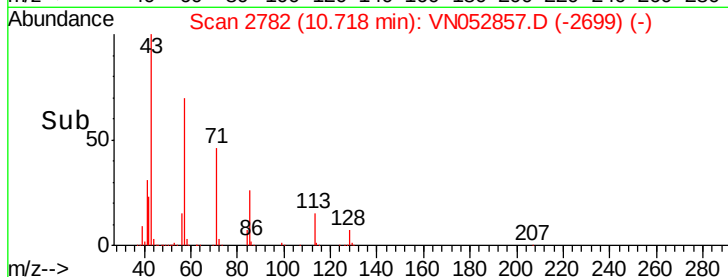
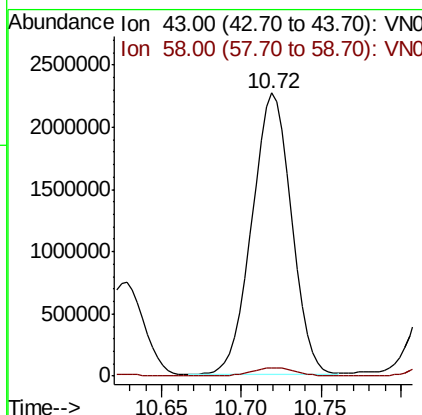
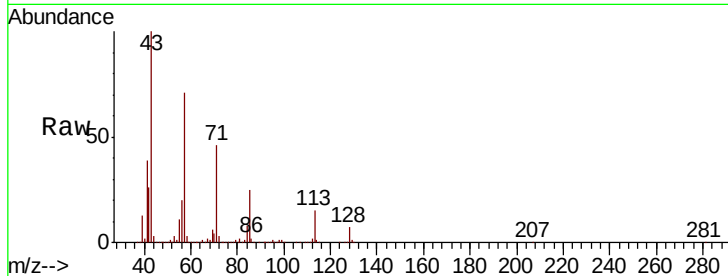




#59
2-Hexanone
Concen: 645.409 ug/l
RT: 10.72 min Scan# 2782
Delta R.T. -0.03 min
Lab File: VN052857.D
Acq: 13 Dec 2018 12:01

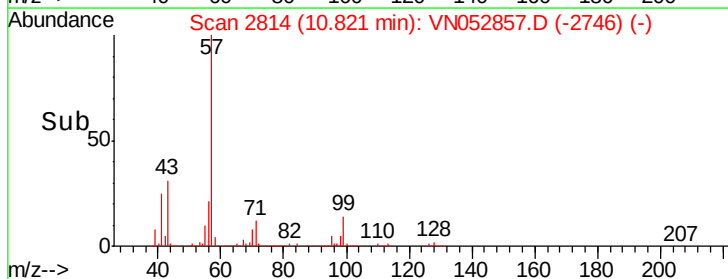
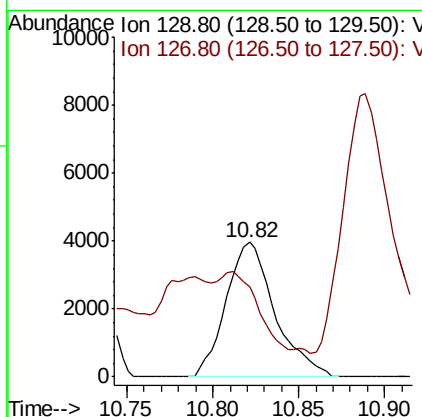
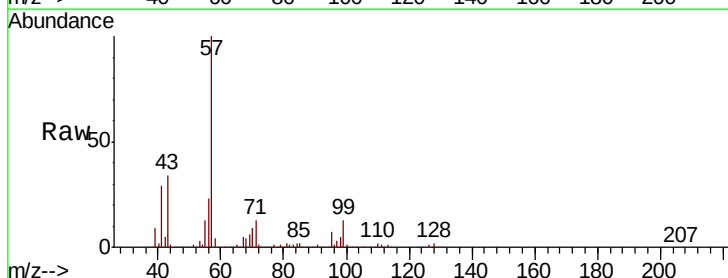
Instrument :
MSVOA_N
ClientSampled :
055_BT-1-1

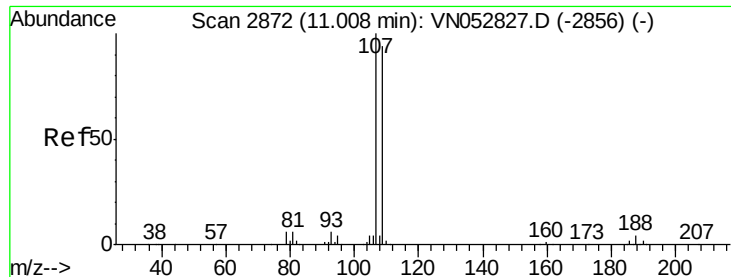
Tot Ion: 43 Resp: 3839854
Ion Ratio Lower Upper
43 100
58 3.3 28.1 84.3#



#60
Dibromochloromethane
Concen: 0.725 ug/l
RT: 10.82 min Scan# 2814
Delta R.T. -0.08 min
Lab File: VN052857.D
Acq: 13 Dec 2018 12:01

Tgt Ion:129 Resp: 7815
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#

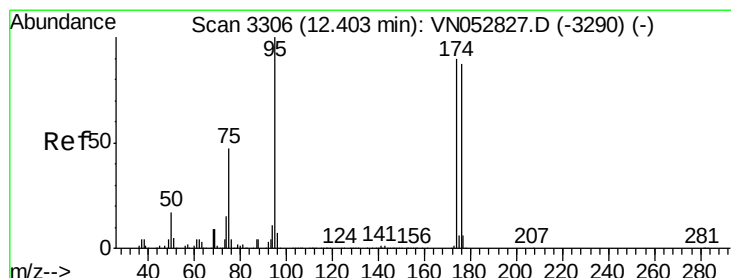
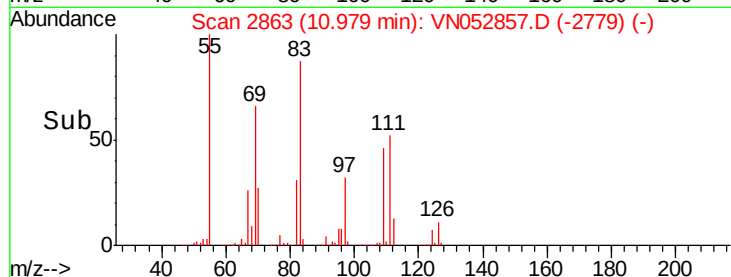
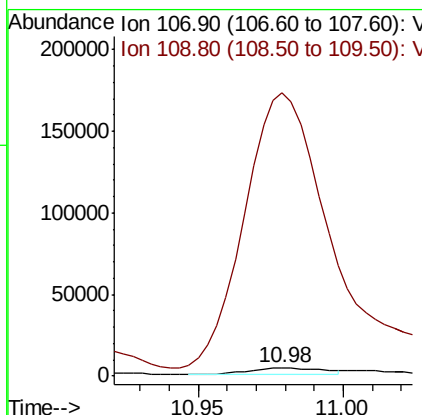
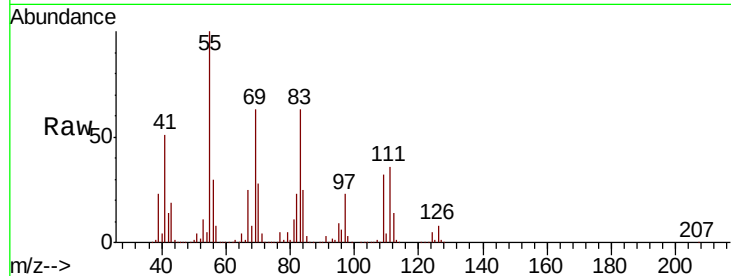




#61
 1,2-Dibromoethane
 Concen: 0.809 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.03 min
 Lab File: VN052857.D
 Acq: 13 Dec 2018 12:01

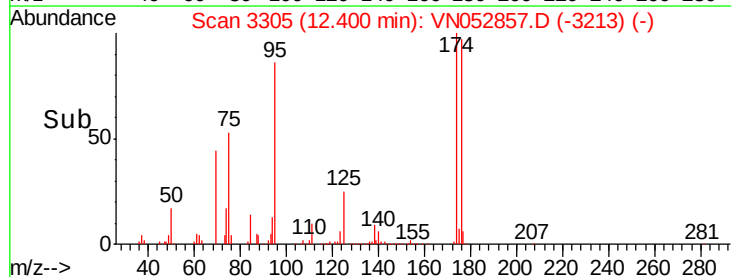
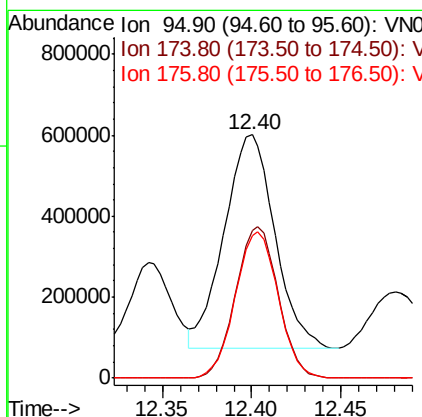
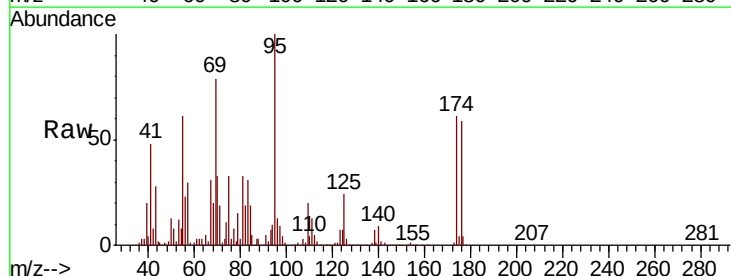
Instrument :
 MSVOA_N
 ClientSampleId :
 055_BT-1-1

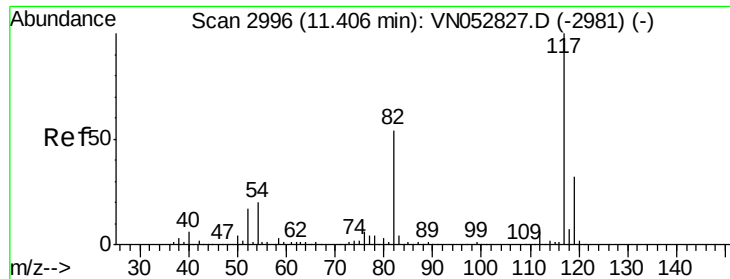
Tot Ion:107 Resp: 7976
 Ion Ratio Lower Upper
 107 100
 109 4501.7 75.4 113.0#



#62
 4-Bromofluorobenzene
 Concen: 0.809 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN052857.D
 Acq: 13 Dec 2018 12:01

Tgt Ion: 95 Resp: 1045981
 Ion Ratio Lower Upper
 95 100
 174 59.6 0.0 178.8
 176 57.9 0.0 173.8

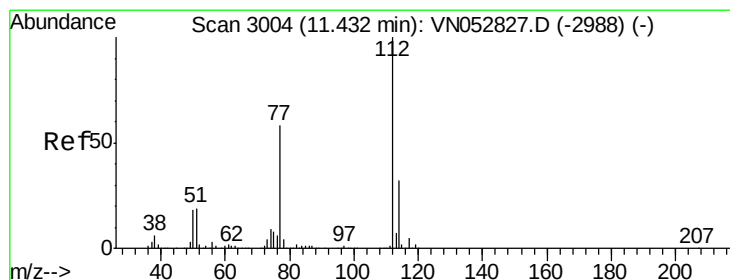
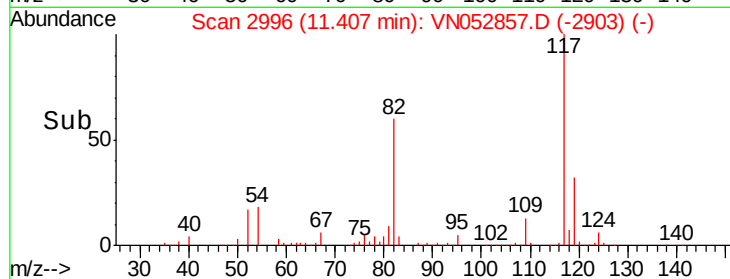
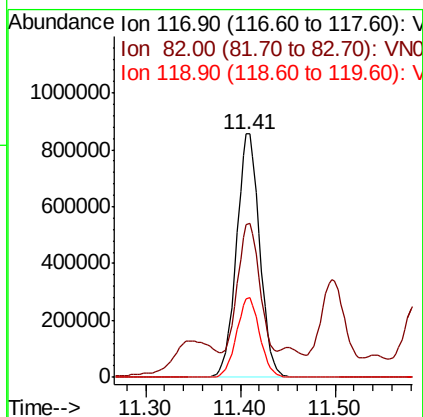
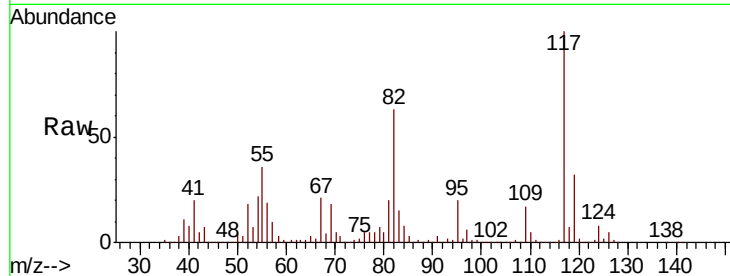




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052857.D
Acq: 13 Dec 2018 12:01

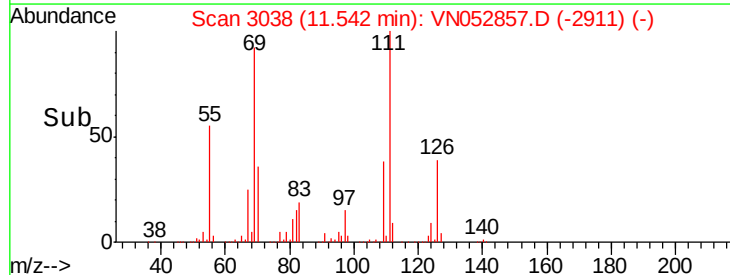
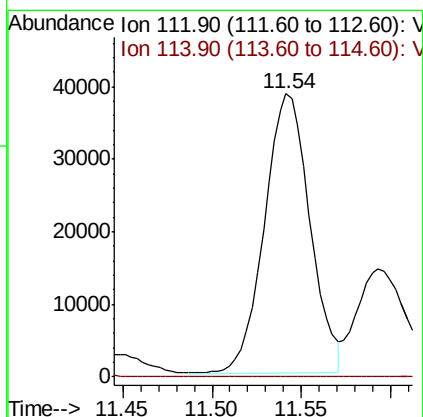
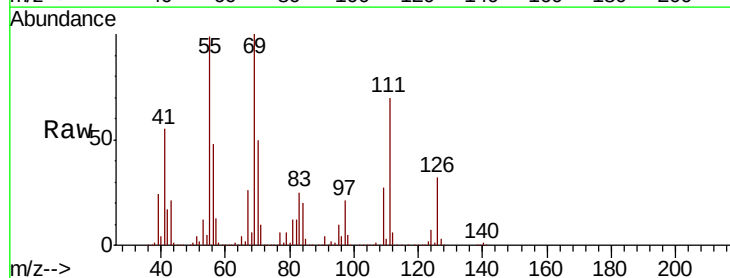
Instrument :
MSVOA_N
ClientSampled :
055_BT-1-1

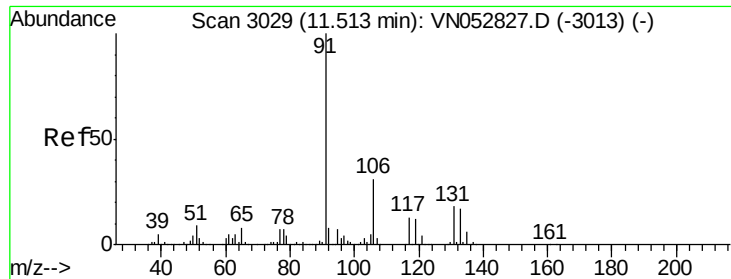
Tot Ion:117 Resp: 1450638
Ion Ratio Lower Upper
117 100
82 47.7 42.8 64.2
119 32.5 25.5 38.3



#65
Chlorobenzene
Concen: 2.285 ug/l
RT: 11.54 min Scan# 3038
Delta R.T. 0.11 min
Lab File: VN052857.D
Acq: 13 Dec 2018 12:01

Tgt Ion:112 Resp: 68778
Ion Ratio Lower Upper
112 100
114 0.0 25.5 38.3#

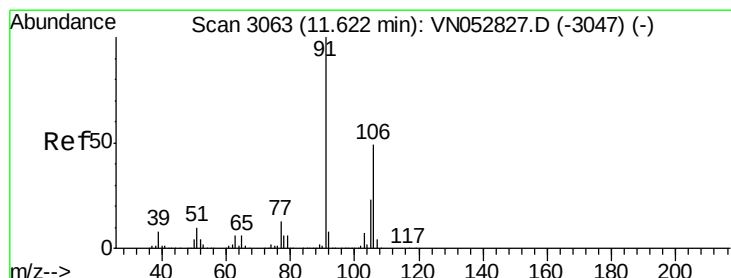
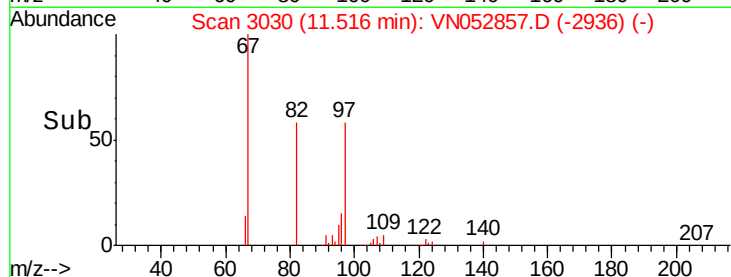
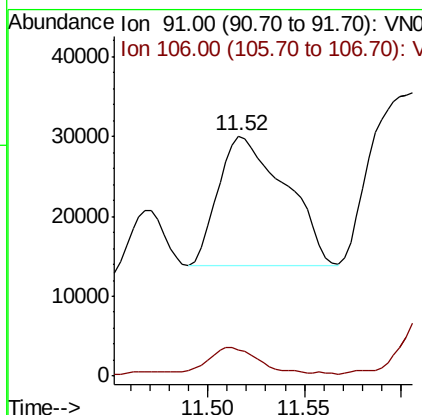
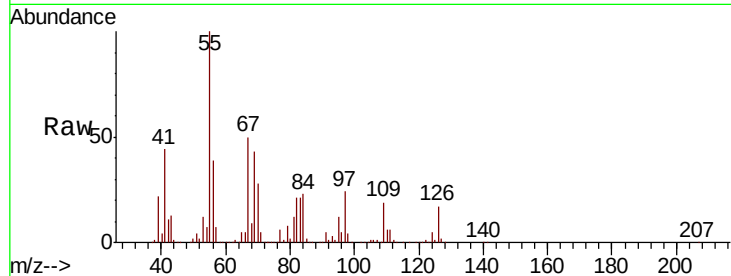




#67
Ethyl Benzene
Concen: 0.766 ug/l
RT: 11.52 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN052857.D
Acq: 13 Dec 2018 12:01

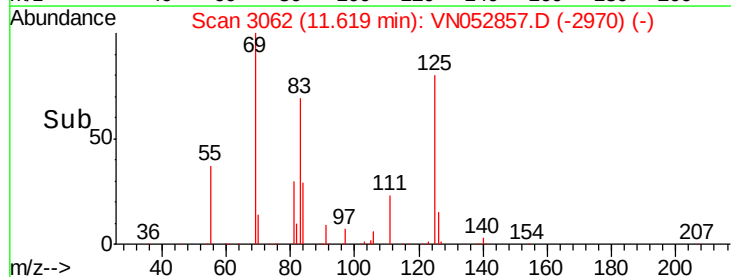
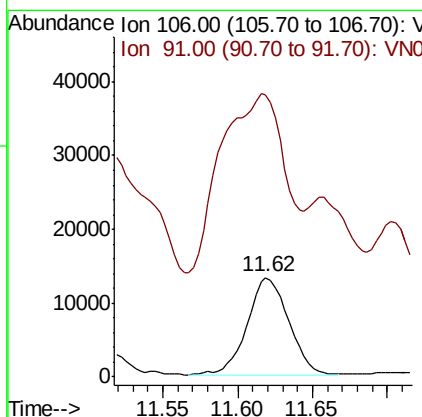
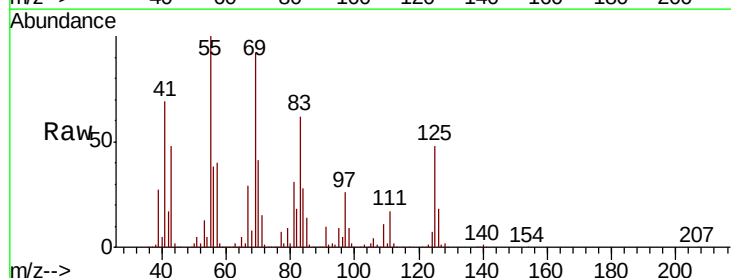
Instrument :
MSVOA_N
ClientSampled :
055_BT-1-1

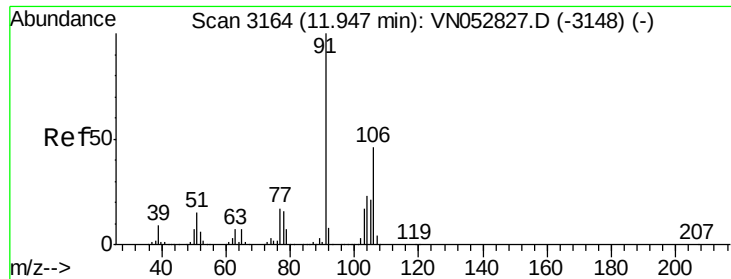
Tot Ion: 91 Resp: 39572
Ion Ratio Lower Upper
91 100
106 19.0 24.9 37.3#



#68
m/p-Xylenes
Concen: 1.317 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN052857.D
Acq: 13 Dec 2018 12:01

Tgt Ion: 106 Resp: 25561
Ion Ratio Lower Upper
106 100
91 284.4 162.2 243.4#

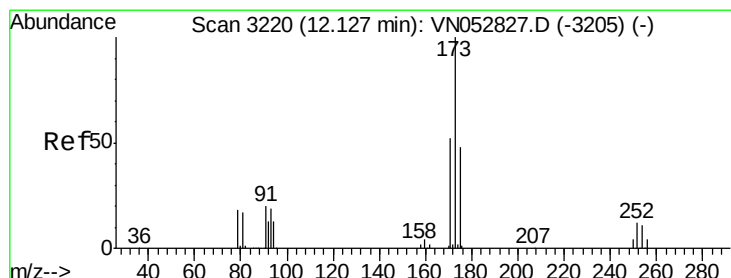
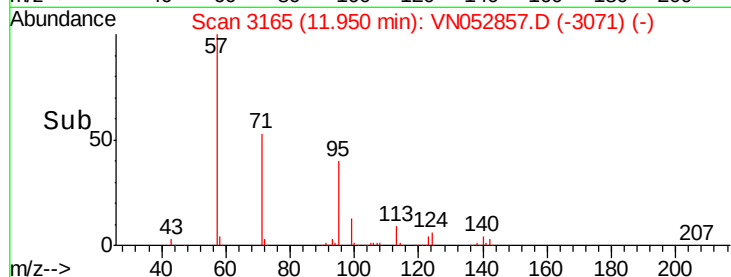
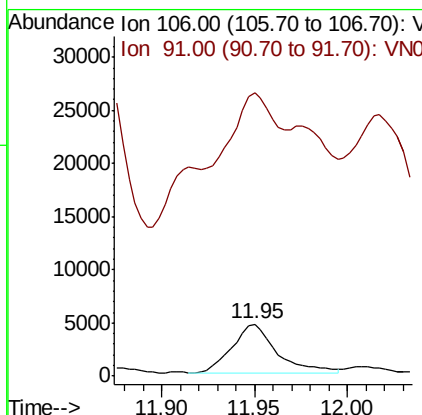
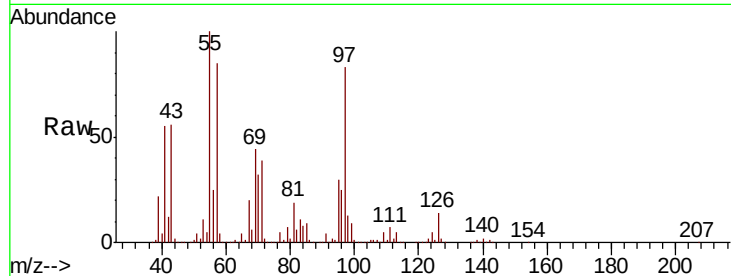




#69
o-Xylene
Concen: 0.396 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN052857.D
Acq: 13 Dec 2018 12:01

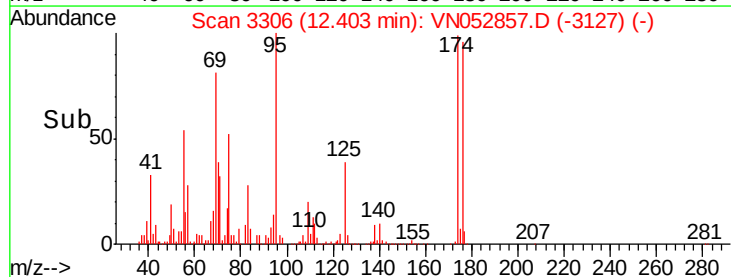
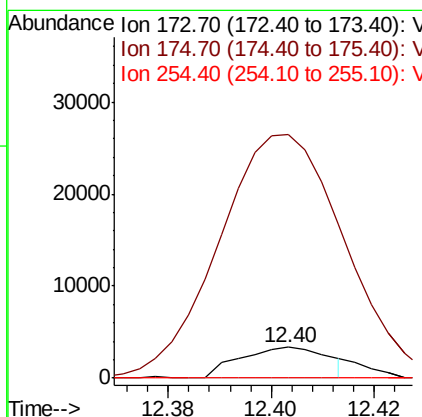
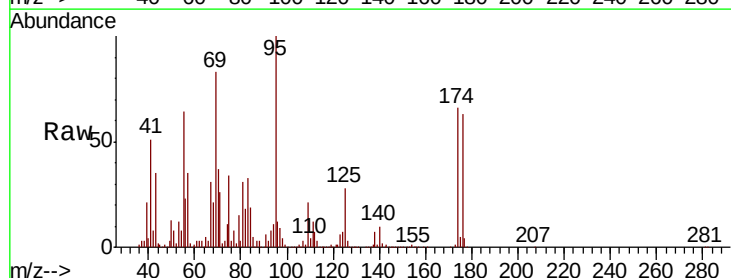
Instrument :
MSVOA_N
ClientSampled :
055_BT-1-1

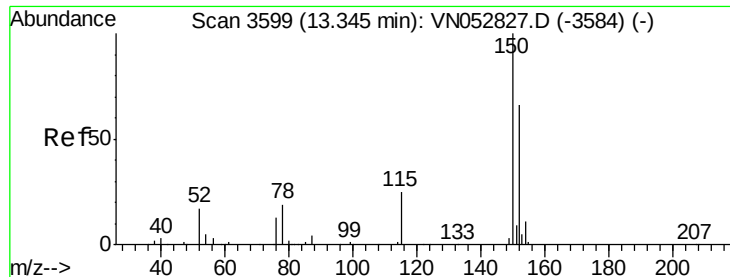
Tot Ion:106 Resp: 7508
Ion Ratio Lower Upper
106 100
91 104.7 106.6 319.8#



#71
Bromoform
Concen: 0.565 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN052857.D
Acq: 13 Dec 2018 12:01

Tgt Ion:173 Resp: 4019
Ion Ratio Lower Upper
173 100
175 968.0 24.3 72.9#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052857.D

Acq: 13 Dec 2018 12:01

Instrument :

MSVOA_N

ClientSampleId :

055_BT-1-1

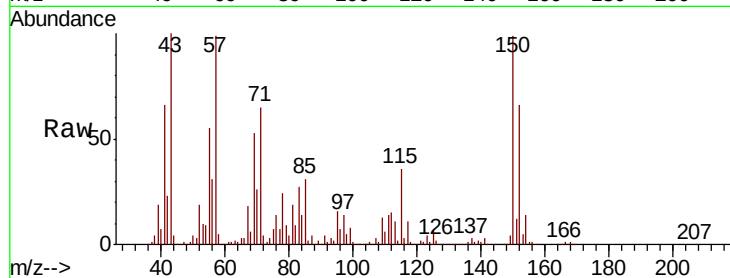
Tot Ion:152 Resp: 769640

Ion Ratio Lower Upper

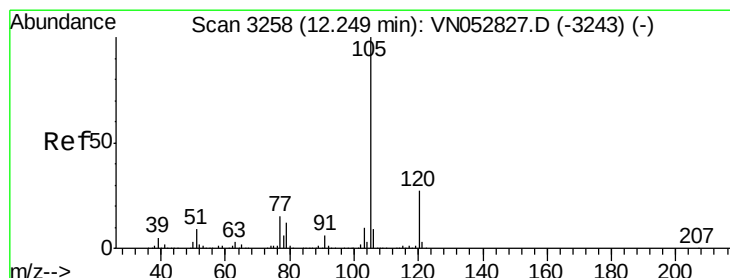
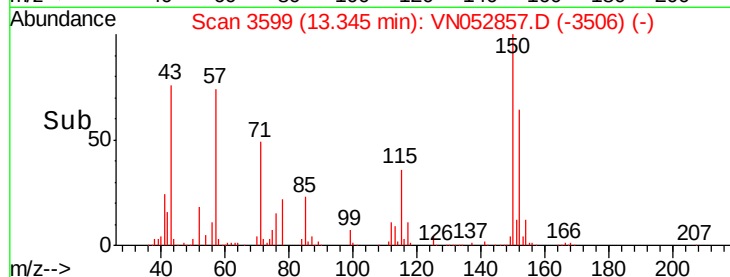
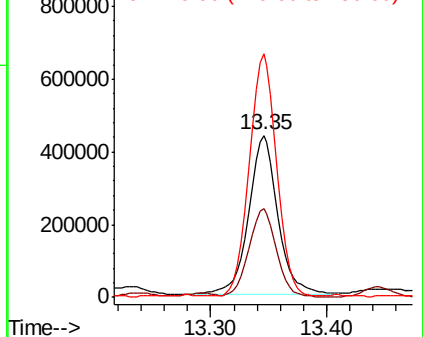
152 100

115 51.8 28.3 85.0

150 142.3 0.0 347.8



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: 32.390 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN052857.D

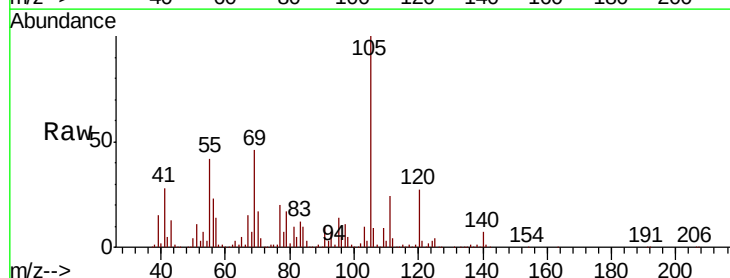
Acq: 13 Dec 2018 12:01

Tgt Ion:105 Resp: 1861239

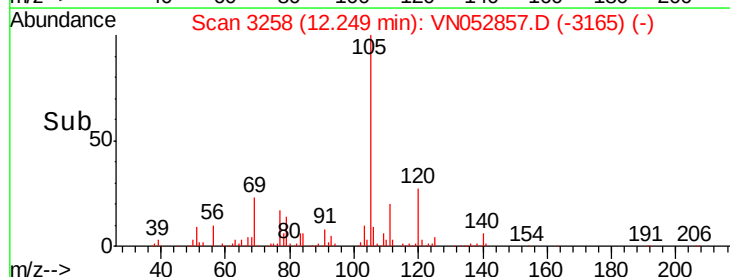
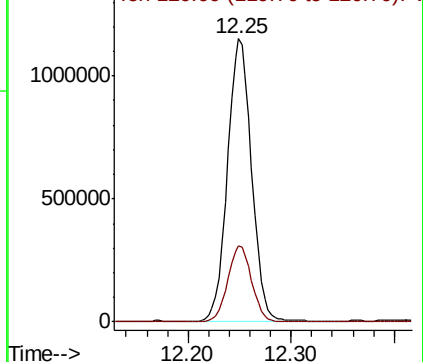
Ion Ratio Lower Upper

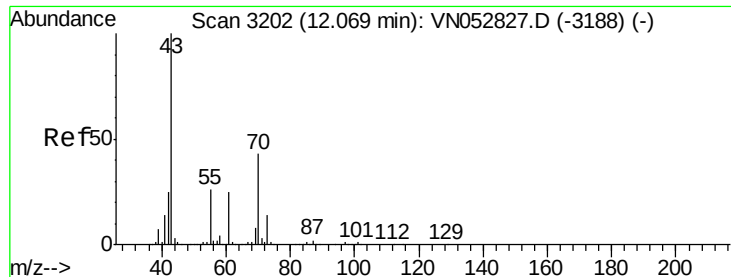
105 100

120 26.7 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amyl acetate

Concen: 148.365 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.02 min

Lab File: VN052857.D

Acq: 13 Dec 2018 12:01

Instrument :

MSVOA_N

ClientSampleId :

055_BT-1-1

Tot Ion: 43 Resp: 2340631

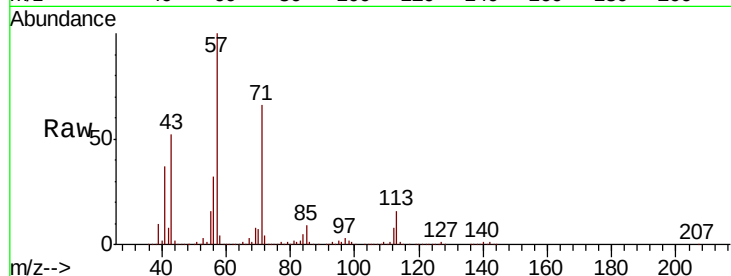
Ion Ratio Lower Upper

43 100

70 9.7 34.2 51.4#

55 7.7 20.3 30.5#

61 0.0 20.0 30.0#

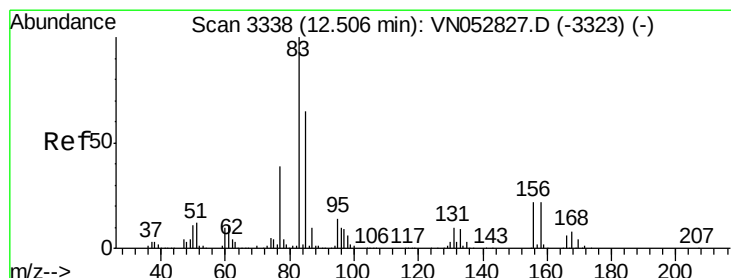
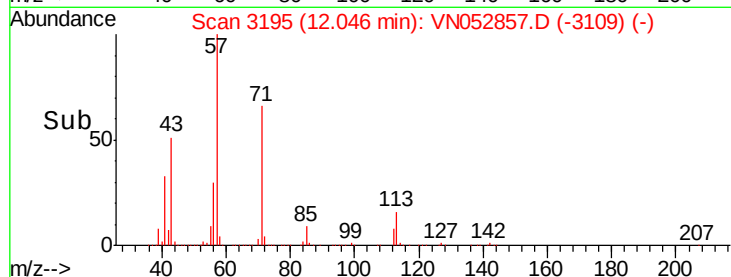
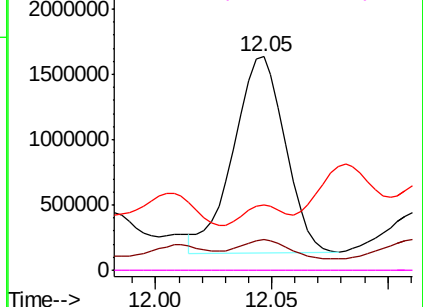


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: 40.187 ug/l

RT: 12.56 min Scan# 3355

Delta R.T. 0.05 min

Lab File: VN052857.D

Acq: 13 Dec 2018 12:01

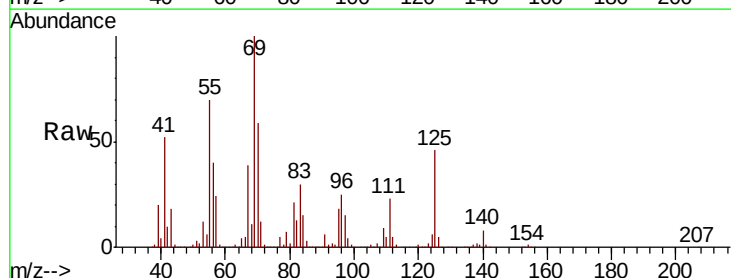
Tgt Ion: 83 Resp: 517552

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

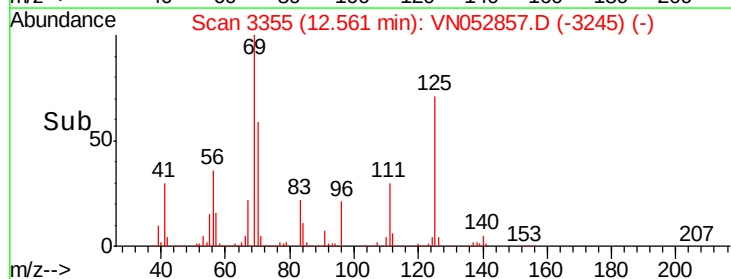
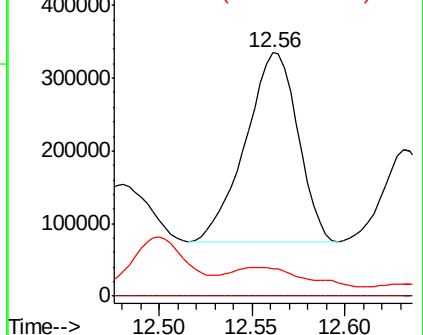
85 12.9 32.4 97.0#

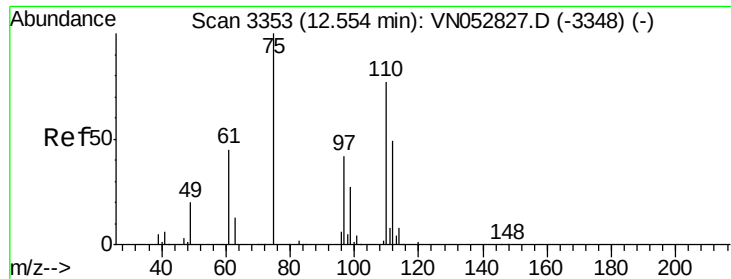


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0

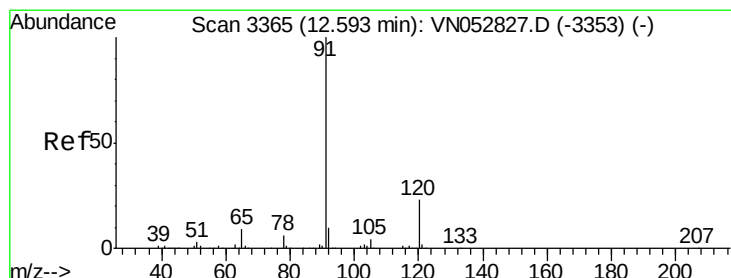
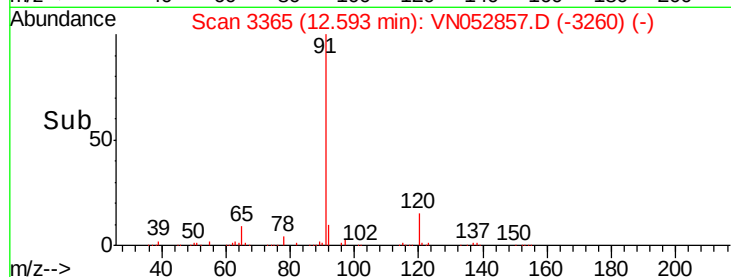
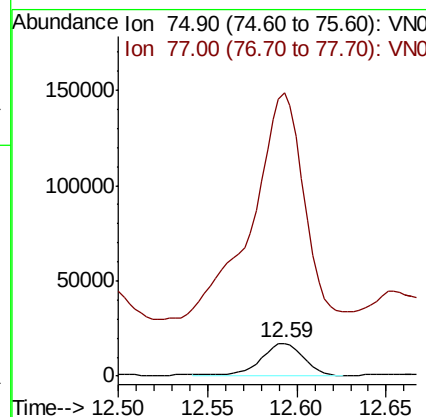
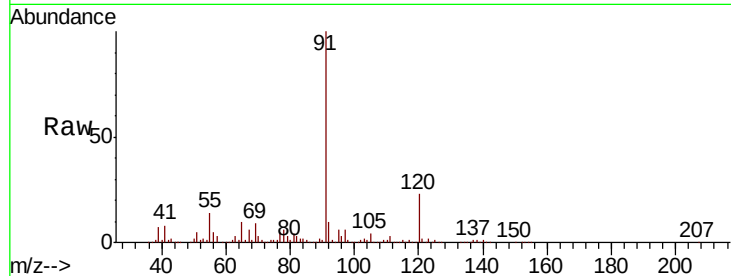




#76
 1,2,3-Trichloropropane
 Concen: 2.443 ug/l
 RT: 12.59 min Scan# 3365
 Delta R.T. 0.04 min
 Lab File: VN052857.D
 Acq: 13 Dec 2018 12:01

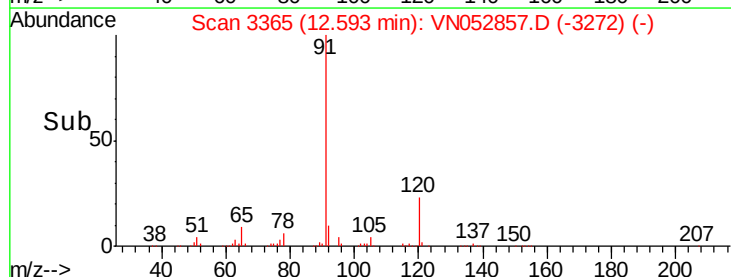
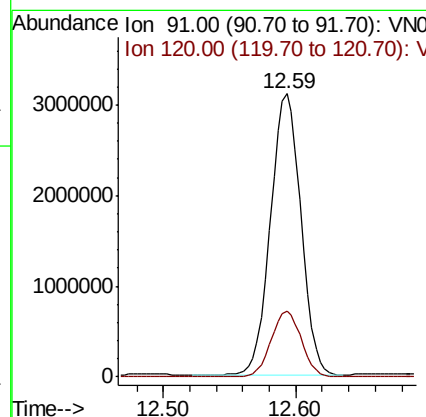
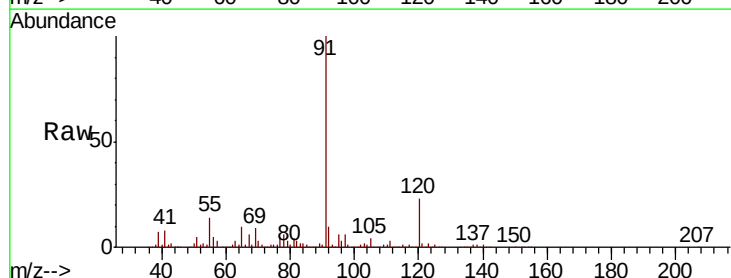
Instrument :
 MSVOA_N
 ClientSampleId :
 055_BT-1-1

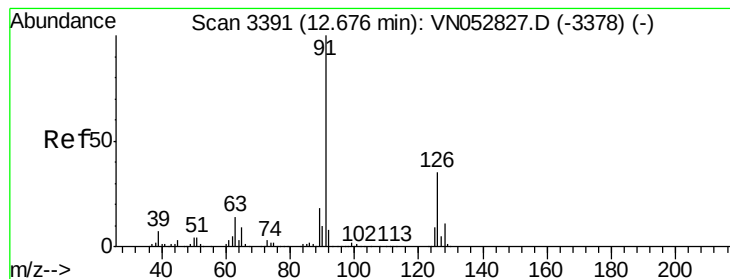
Tot Ion: 75 Resp: 27736
 Ion Ratio Lower Upper
 75 100
 77 874.2 0.0 0.0#



#78
 n-propylbenzene
 Concen: 75.940 ug/l
 RT: 12.59 min Scan# 3365
 Delta R.T. 0.00 min
 Lab File: VN052857.D
 Acq: 13 Dec 2018 12:01

Tgt Ion: 91 Resp: 4976898
 Ion Ratio Lower Upper
 91 100
 120 23.0 11.5 34.5





#79

2-Chlorotoluene

Concen: 128.454 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.08 min

Lab File: VN052857.D

Acq: 13 Dec 2018 12:01

Instrument :

MSVOA_N

ClientSampleId :

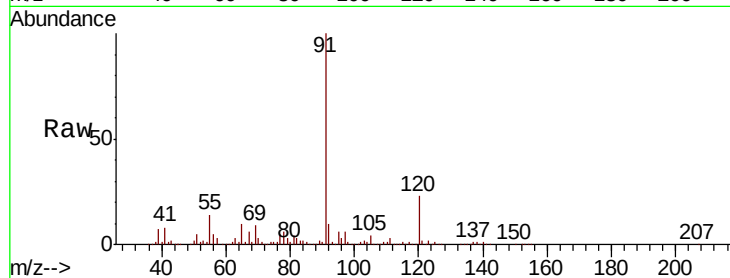
055_BT-1-1

Tot Ion: 91 Resp: 4976898

Ion Ratio Lower Upper

91 100

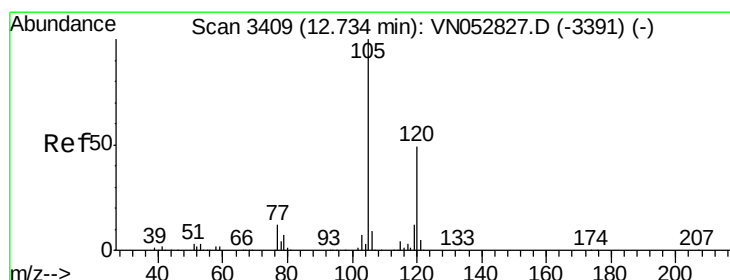
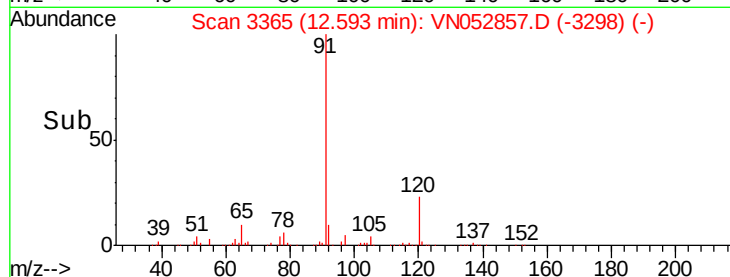
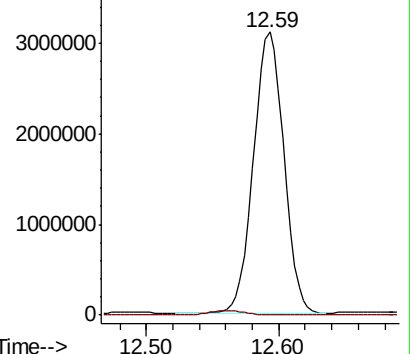
126 0.0 17.4 52.3#



Abundance Ion 91.00 (90.70 to 91.70): VN052827.D (-3391) (-)

Ion 125.90 (125.60 to 126.60): VN052827.D (-3391) (-)

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 7.294 ug/l

RT: 12.89 min Scan# 3458

Delta R.T. 0.16 min

Lab File: VN052857.D

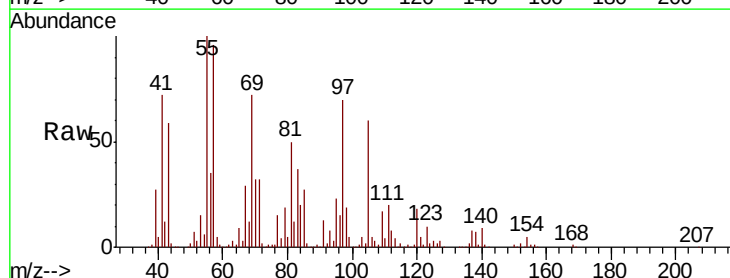
Acq: 13 Dec 2018 12:01

Tgt Ion: 105 Resp: 338355

Ion Ratio Lower Upper

105 100

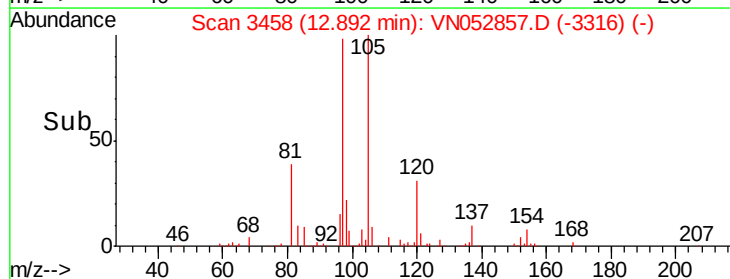
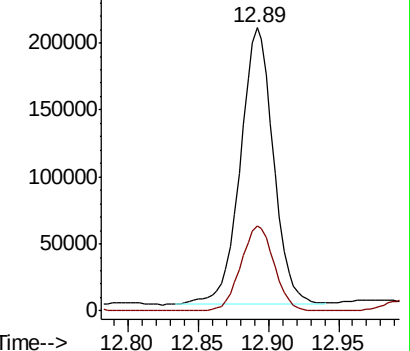
120 30.4 24.4 73.2

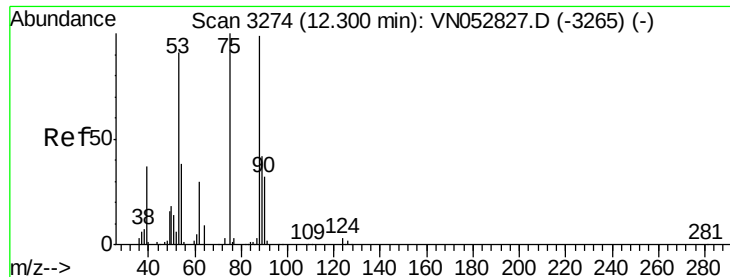


Abundance Ion 105.00 (104.70 to 105.70): VN052827.D (-3409) (-)

Ion 120.00 (119.70 to 120.70): VN052827.D (-3409) (-)

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 5.556 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.05 min

Lab File: VN052857.D

Acq: 13 Dec 2018 12:01

Instrument :

MSVOA_N

ClientSampleId :

055_BT-1-1

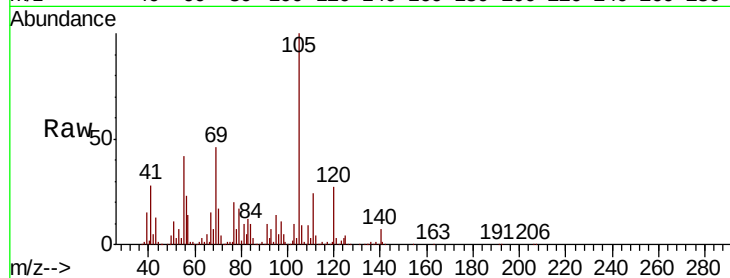
Tot Ion: 75 Resp: 19640

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

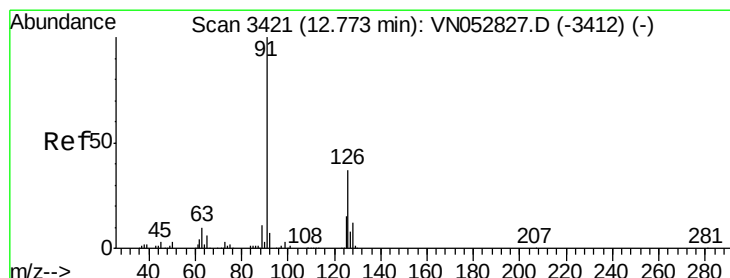
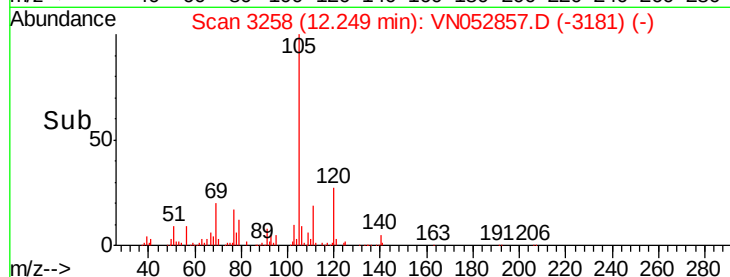
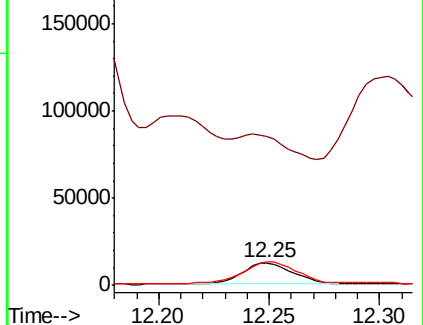
89 110.8 36.1 54.1#



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: 125.636 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.18 min

Lab File: VN052857.D

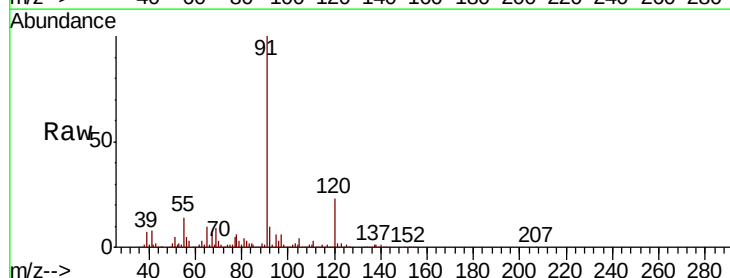
Acq: 13 Dec 2018 12:01

Tgt Ion: 91 Resp: 4976898

Ion Ratio Lower Upper

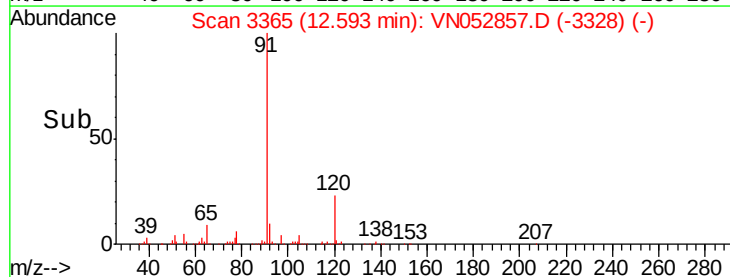
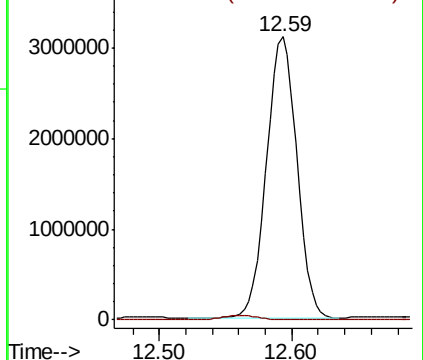
91 100

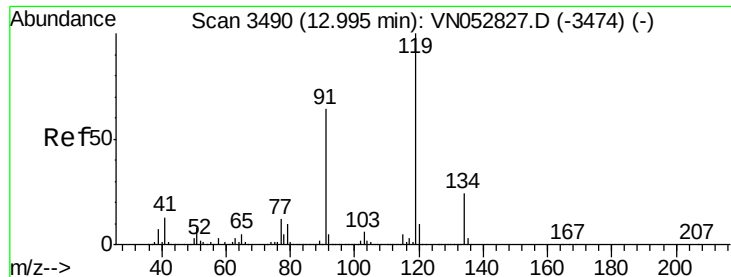
126 0.0 17.3 51.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

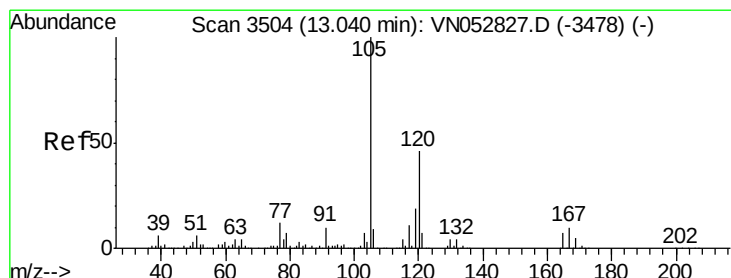
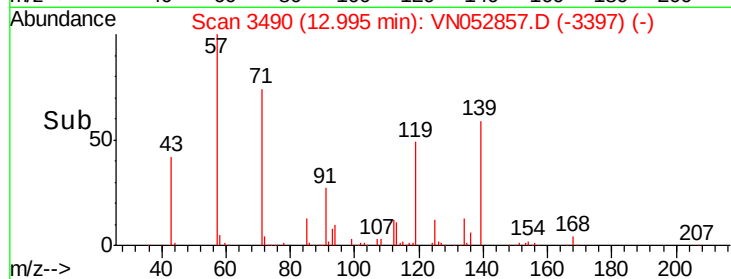
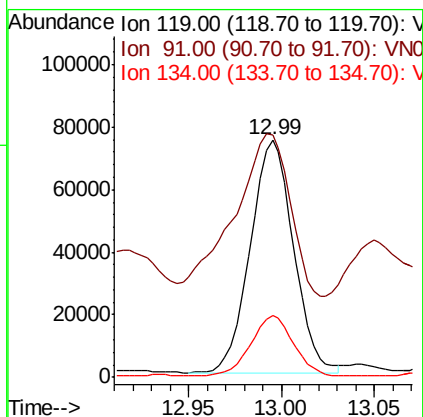
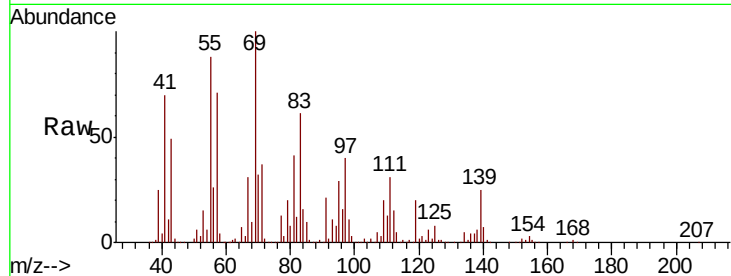




#83
 tert-Butylbenzene
 Concen: 2.960 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN052857.D
 Acq: 13 Dec 2018 12:01

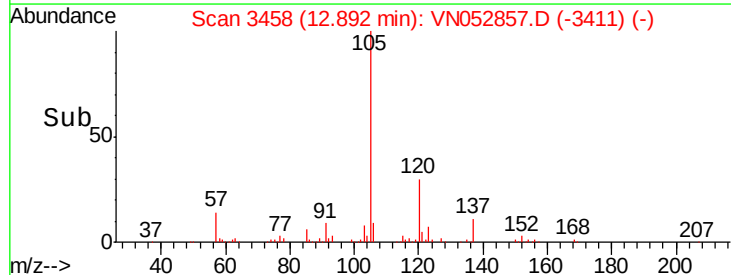
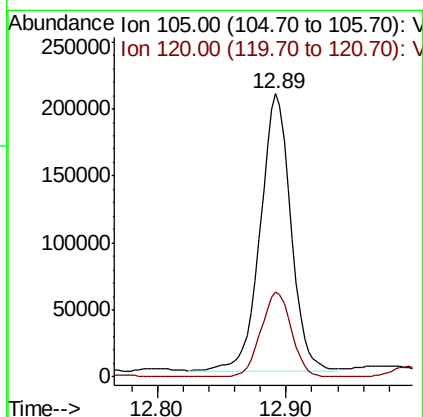
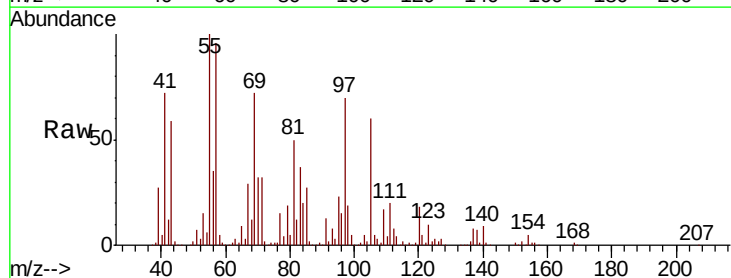
Instrument :
 MSVOA_N
 ClientSampled :
 055_BT-1-1

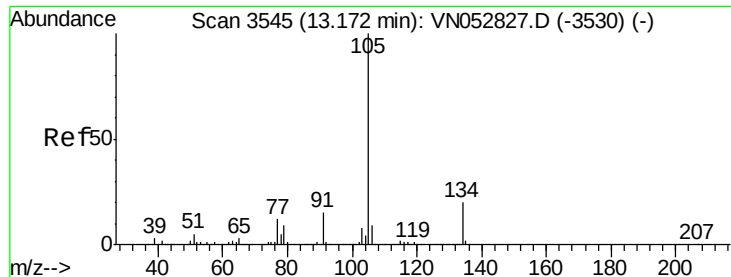
Tot Ion:119 Resp: 121124
 Ion Ratio Lower Upper
 119 100
 91 91.3 31.9 95.5
 134 25.9 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 7.252 ug/l
 RT: 12.89 min Scan# 3458
 Delta R.T. -0.15 min
 Lab File: VN052857.D
 Acq: 13 Dec 2018 12:01

Tgt Ion:105 Resp: 340588
 Ion Ratio Lower Upper
 105 100
 120 30.2 22.9 68.8





#85

sec-Butylbenzene

Concen: 24.510 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN052857.D

Acq: 13 Dec 2018 12:01

Instrument :

MSVOA_N

ClientSampleId :

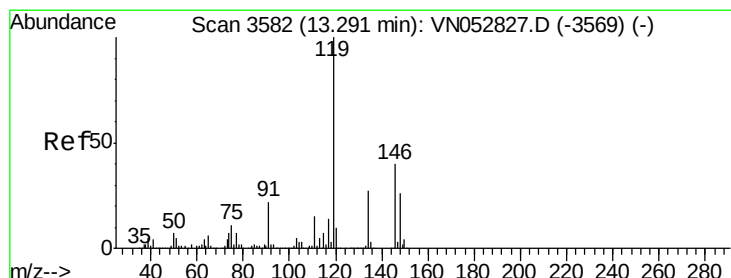
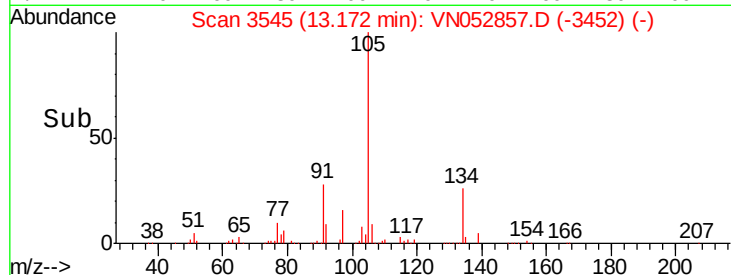
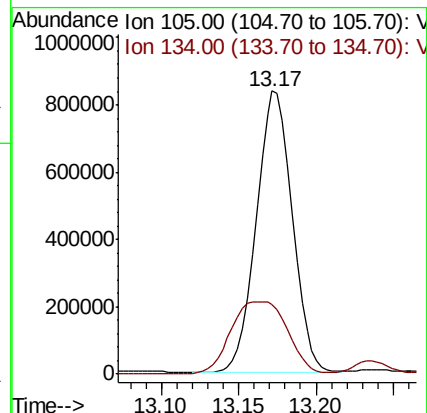
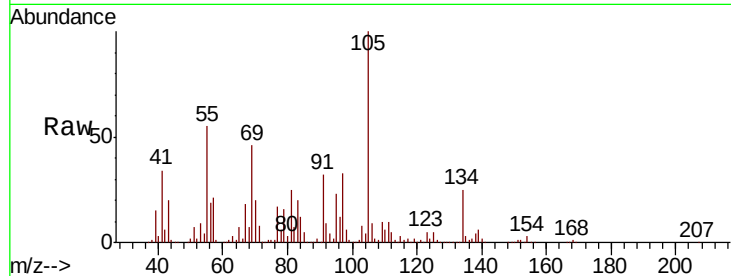
055_BT-1-1

Tot Ion:105 Resp: 1358250

Ion Ratio Lower Upper

105 100

134 40.1 10.1 30.3#



#86

p-Isopropyltoluene

Concen: 11.494 ug/l

RT: 13.45 min Scan# 3630

Delta R.T. 0.15 min

Lab File: VN052857.D

Acq: 13 Dec 2018 12:01

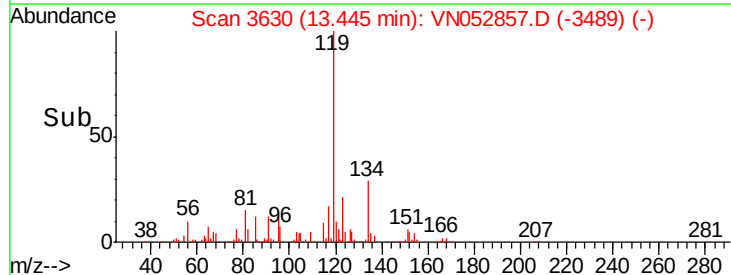
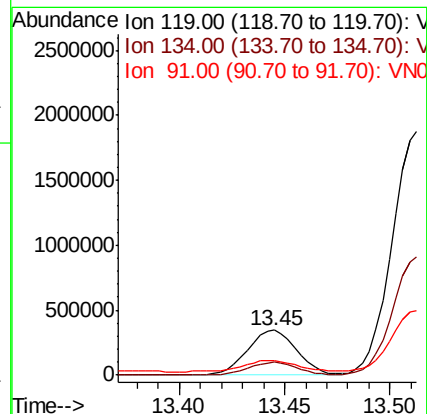
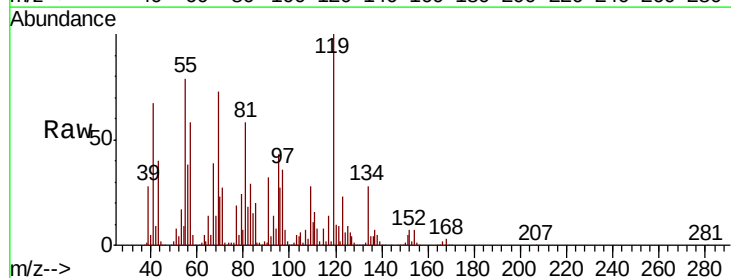
Tgt Ion:119 Resp: 551833

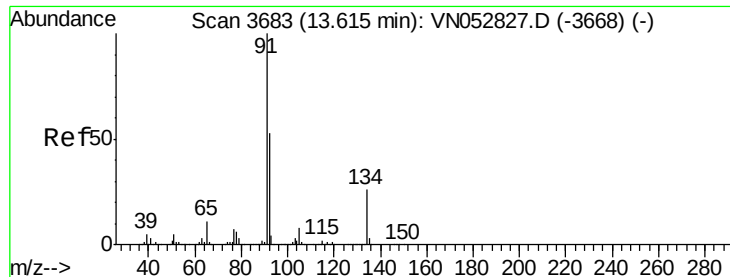
Ion Ratio Lower Upper

119 100

134 28.1 13.4 40.2

91 28.2 11.1 33.3

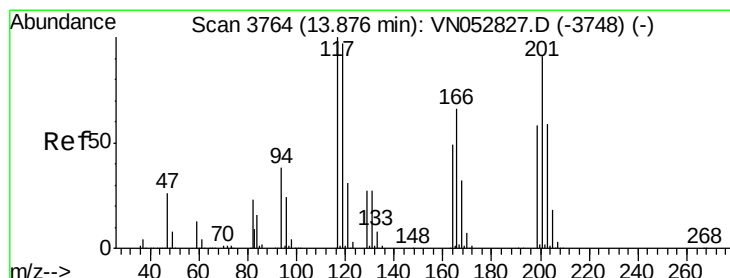
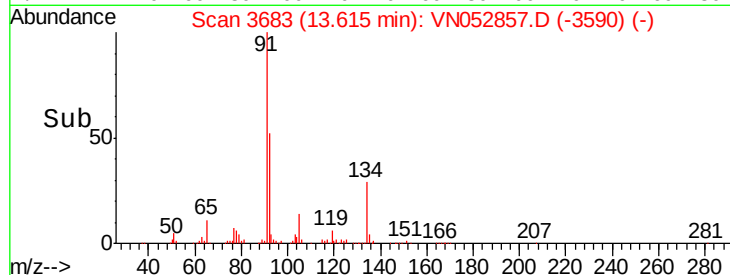
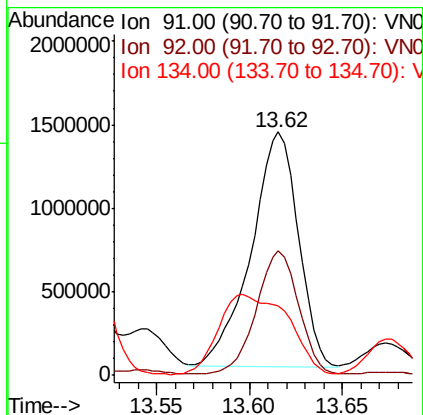
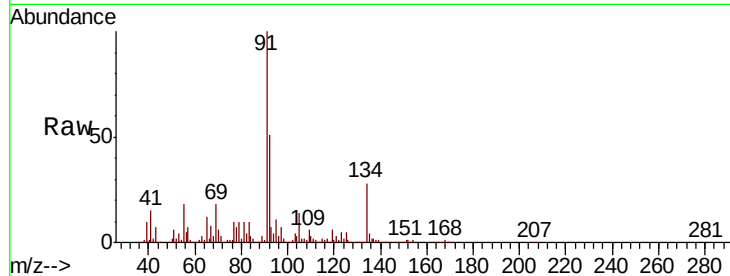




#89
n-Butylbenzene
Concen: 61.356 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN052857.D
Acq: 13 Dec 2018 12:01

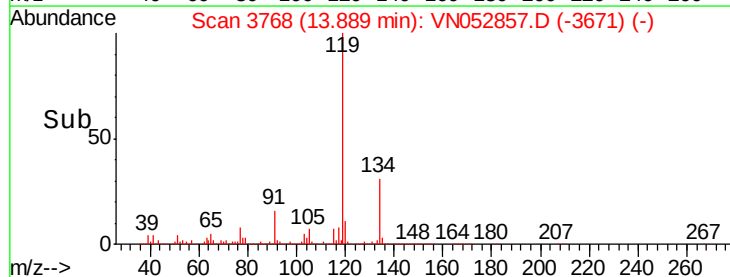
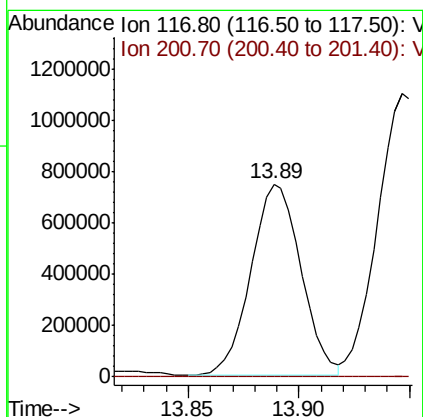
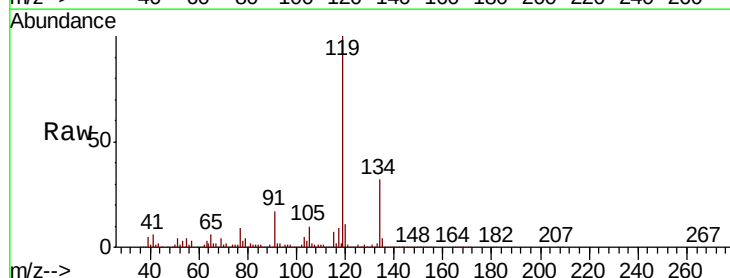
Instrument :
MSVOA_N
ClientSampleId :
055_BT-1-1

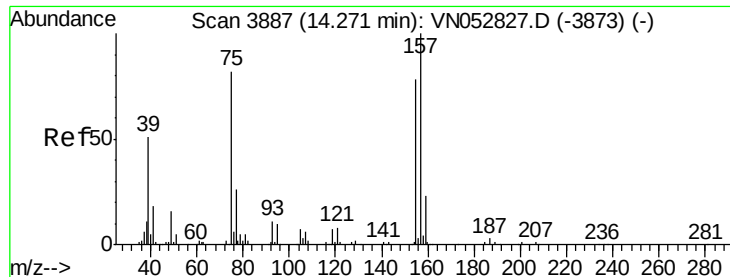
Tot Ion: 91 Resp: 2479919
Ion Ratio Lower Upper
91 100
92 47.1 26.3 78.9
134 50.2 13.3 39.8#



#90
Hexachloroethane
Concen: 145.156 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.01 min
Lab File: VN052857.D
Acq: 13 Dec 2018 12:01

Tgt Ion: 117 Resp: 1166996
Ion Ratio Lower Upper
117 100
201 0.0 45.7 137.1#

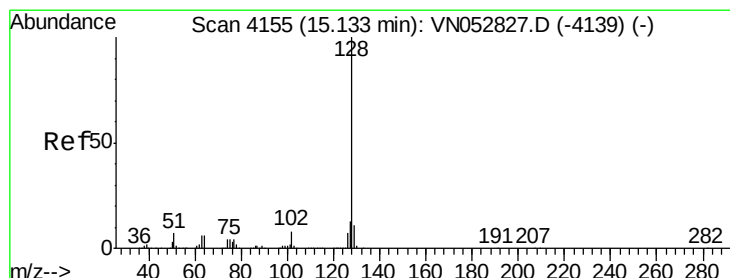
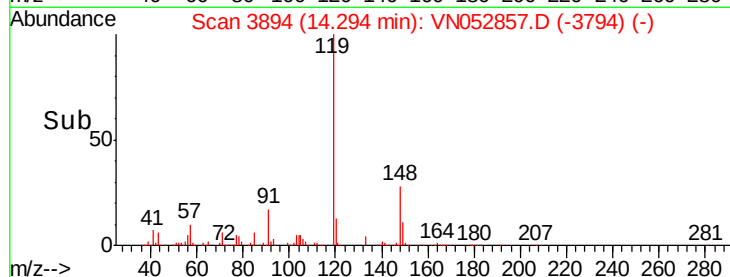
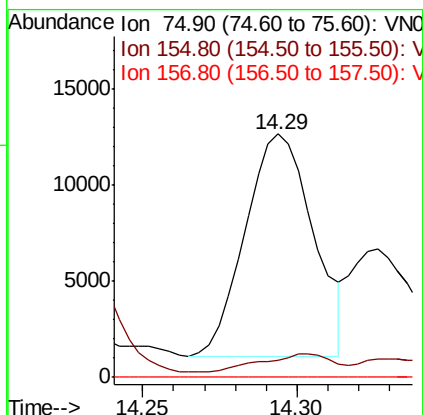
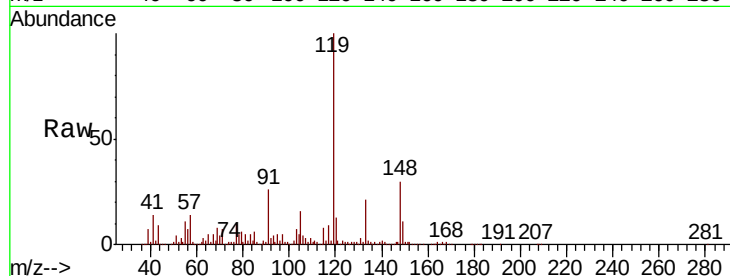




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 9.094 ug/l
 RT: 14.29 min Scan# 3894
 Delta R.T. 0.02 min
 Lab File: VN052857.D
 Acq: 13 Dec 2018 12:01

Instrument :
 MSVOA_N
 ClientSampleId :
 055_BT-1-1

Tot Ion: 75 Resp: 17655
 Ion Ratio Lower Upper
 75 100
 155 8.0 48.2 144.6#
 157 0.0 61.2 183.5#



#95
 Naphthalene
 Concen: 4.325 ug/l
 RT: 15.11 min Scan# 4147
 Delta R.T. -0.03 min
 Lab File: VN052857.D
 Acq: 13 Dec 2018 12:01

Tgt Ion: 128 Resp: 121651
 Ion Ratio Lower Upper
 128 100
 127 30.2 10.2 15.4#
 129 47.7 8.6 13.0#

