

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122018\
 Data File : VN053065.D
 Acq On : 20 Dec 2018 19:01
 Operator : MD\SY
 Sample : J6482-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 R20-OS

Quant Time: Dec 21 00:20:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1308252	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2027139	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1824444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	804074	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	649300	48.91	ug/l	0.00
Spiked Amount			Recovery	=	97.82%	
35) Dibromofluoromethane	7.59	113	549867	59.38	ug/l	0.00
Spiked Amount			Recovery	=	118.76%	
50) Toluene-d8	10.09	98	2466086	49.61	ug/l	0.00
Spiked Amount			Recovery	=	99.22%	
62) 4-Bromofluorobenzene	12.40	95	850778	48.75	ug/l	0.00
Spiked Amount			Recovery	=	97.50%	

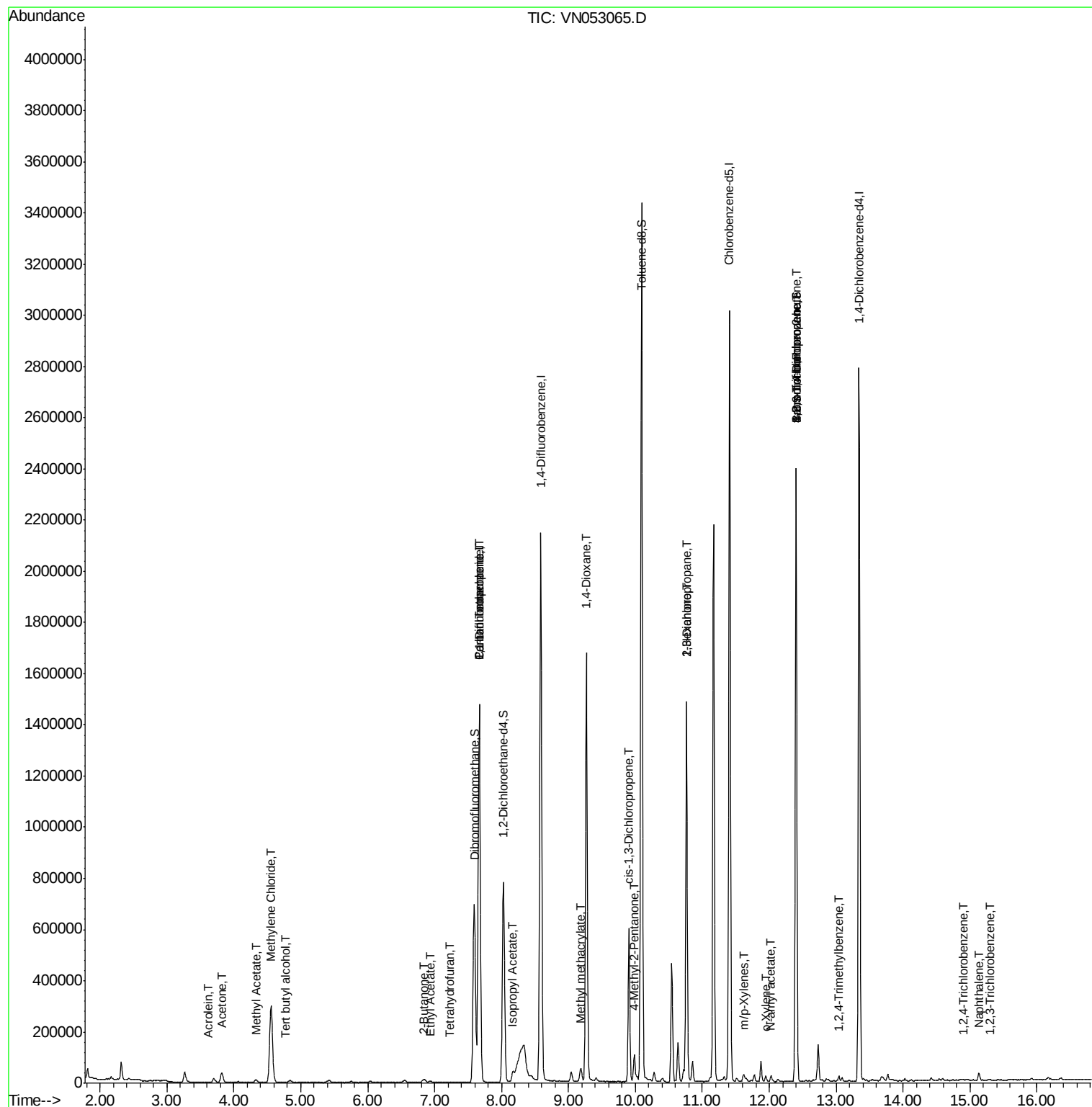
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.78	59	194	0.239	ug/l #	74
13) Acrolein	3.62	56	233	0.317	ug/l	83
16) Acetone	3.82	43	67422	25.901	ug/l	98
18) Methyl Acetate	4.33	43	21895	2.808	ug/l	100
20) Methylene Chloride	4.55	84	235695	16.599	ug/l	98
25) 2-Butanone	6.84	43	22557	5.163	ug/l #	88
29) Tetrahydrofuran	7.23	42	2792	0.856	ug/l #	74
31) Cyclohexane	7.66	56	20601	Below Cal	#	1
36) 1,1-Dichloropropene	7.67	75	85702	4.405	ug/l #	48
37) Ethyl Acetate	6.94	43	10739	0.989	ug/l	98
38) Carbon Tetrachloride	7.66	117	111929	6.276	ug/l #	16
43) Isopropyl Acetate	8.17	43	52346	1.477	ug/l #	81
48) Methyl methacrylate	9.18	41	19018	1.804	ug/l #	24
49) 1,4-Dioxane	9.26	88	203	1.523	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	72195	6.863	ug/l	100
54) cis-1,3-Dichloropropene	9.90	75	116943	5.190	ug/l #	59
57) 1,3-Dichloropropane	10.76	76	15398	0.718	ug/l #	42
59) 2-Hexanone	10.76	43	212724	29.890	ug/l #	52
68) m/p-Xylenes	11.62	106	9036	0.342	ug/l	99
69) o-Xylene	11.95	106	5605	0.221	ug/l	92
71) Bromoform	12.40	173	5175	0.509	ug/l #	1
74) N-amyl acetate	12.03	43	17132	0.981	ug/l #	47
76) 1,2,3-Trichloropropane	12.40	75	394232	29.125	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	394232	93.874	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.04	105	12259	0.238	ug/l	97
93) 1,2,4-Trichlorobenzene	14.90	180	346	0.620	ug/l	87
95) Naphthalene	15.13	128	26200	1.956	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	99	0.515	ug/l #	75

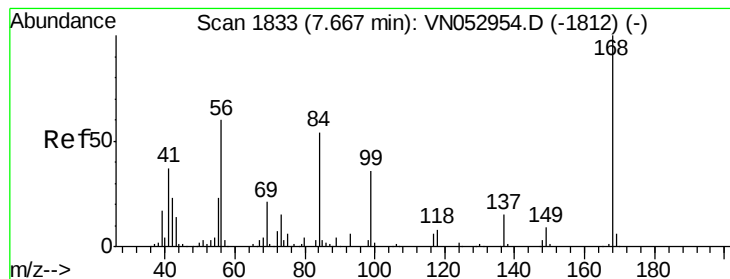
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053065.D

Acq: 20 Dec 2018 19:01

Instrument :

MSVOA_N

ClientSampleId :

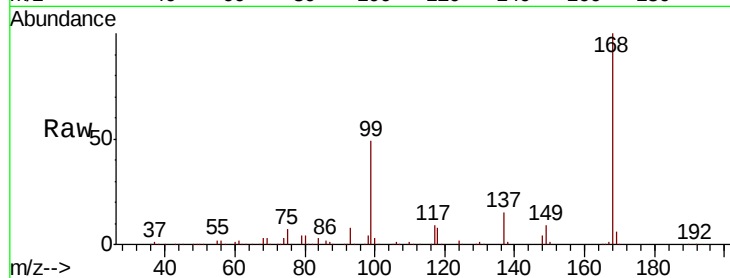
R20-OS

Tot Ion:168 Resp: 1308252

Ion Ratio Lower Upper

168 100

99 49.0 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

600000

500000

400000

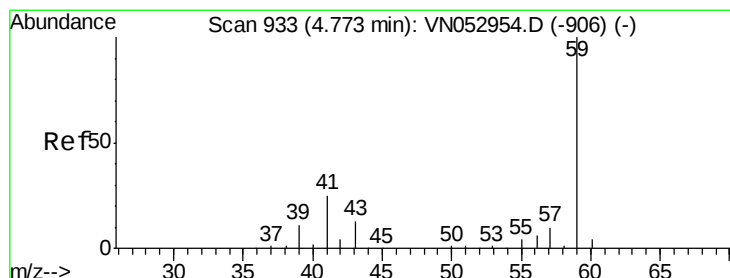
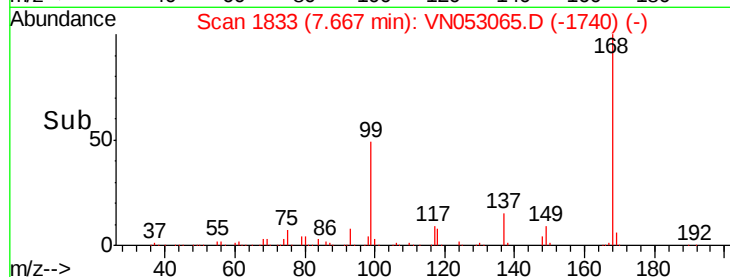
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.239 ug/l

RT: 4.78 min Scan# 935

Delta R.T. 0.01 min

Lab File: VN053065.D

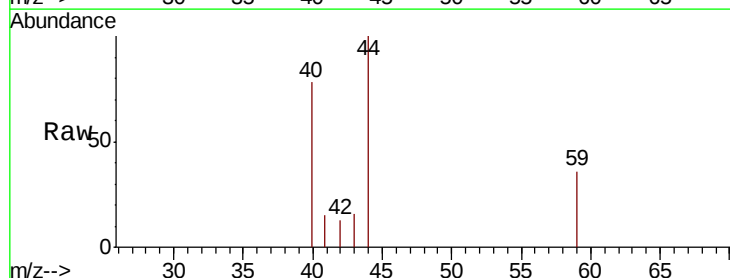
Acq: 20 Dec 2018 19:01

Tgt Ion: 59 Resp: 194

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.78

600

500

400

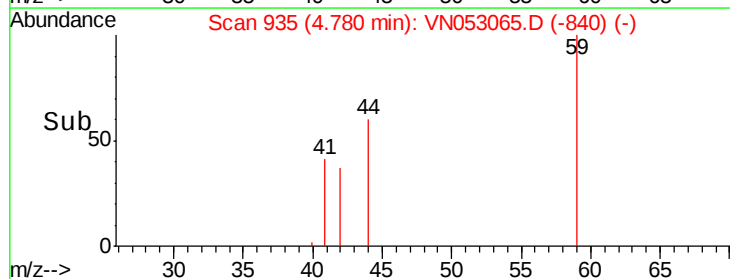
300

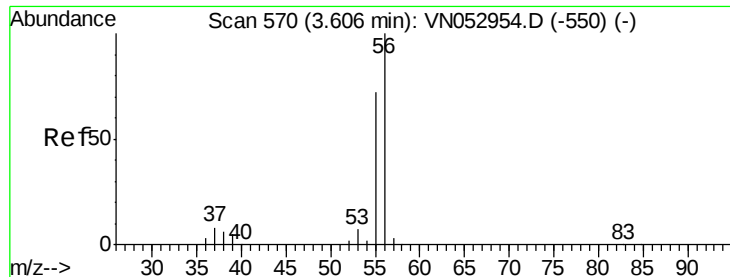
200

100

0

Time-->

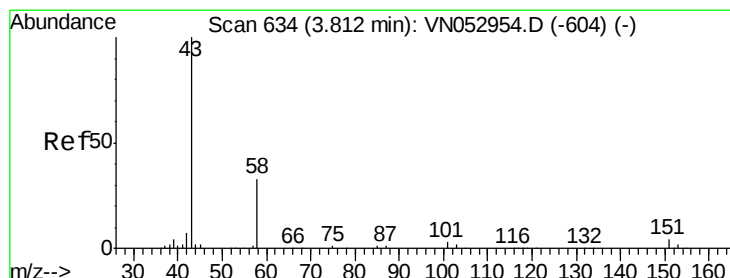
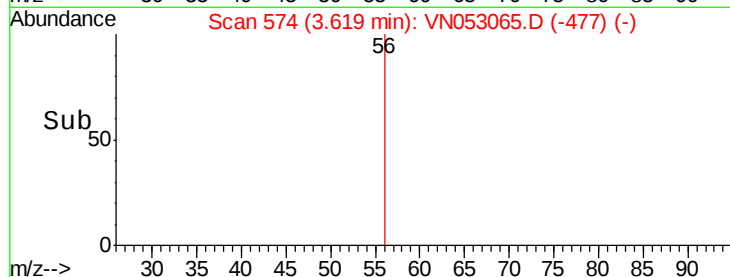
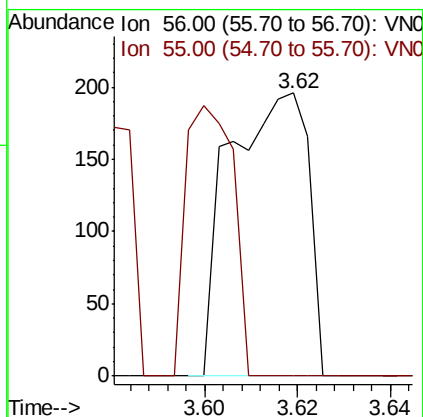
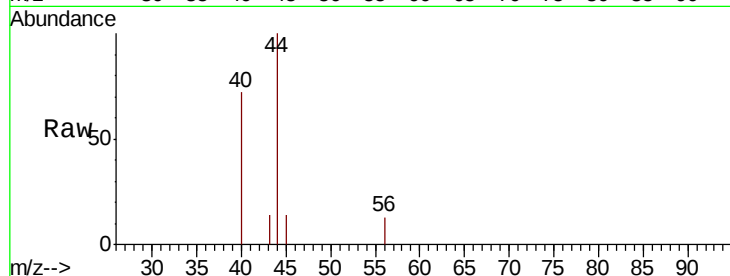




#13
Acrolein
Concen: 0.317 ug/l
RT: 3.62 min Scan# 574
Delta R.T. 0.01 min
Lab File: VN053065.D
Acq: 20 Dec 2018 19:01

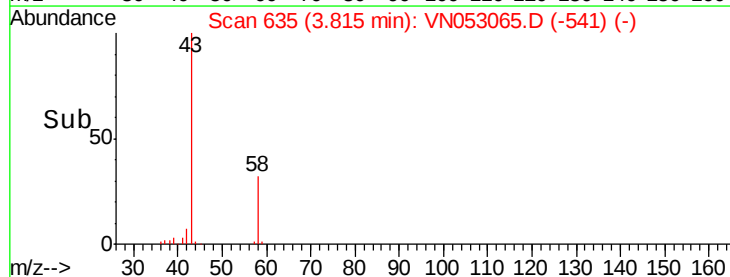
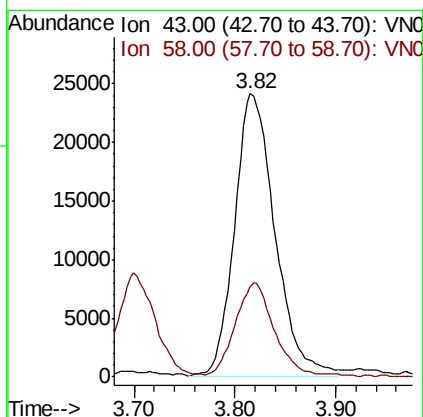
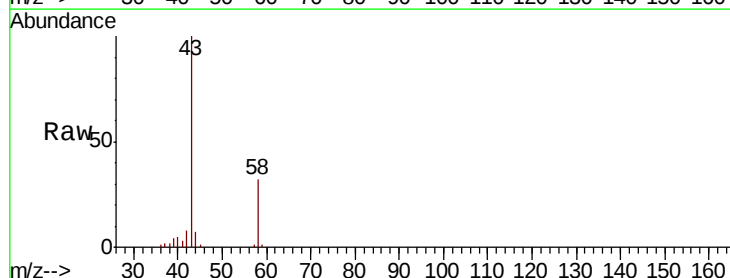
Instrument :
MSVOA_N
ClientSampleId :
R20-OS

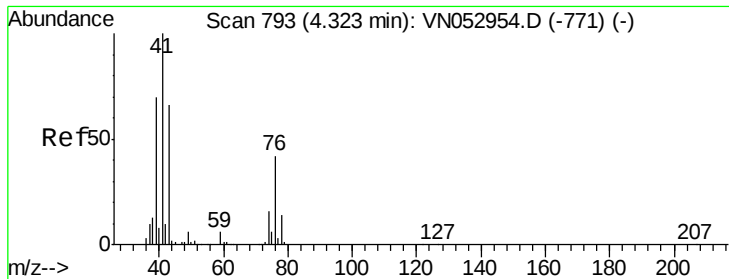
Tot Ion: 56 Resp: 233
Ion Ratio Lower Upper
56 100
55 57.1 56.6 85.0



#16
Acetone
Concen: 25.901 ug/l
RT: 3.82 min Scan# 635
Delta R.T. 0.00 min
Lab File: VN053065.D
Acq: 20 Dec 2018 19:01

Tgt Ion: 43 Resp: 67422
Ion Ratio Lower Upper
43 100
58 30.8 25.4 38.0

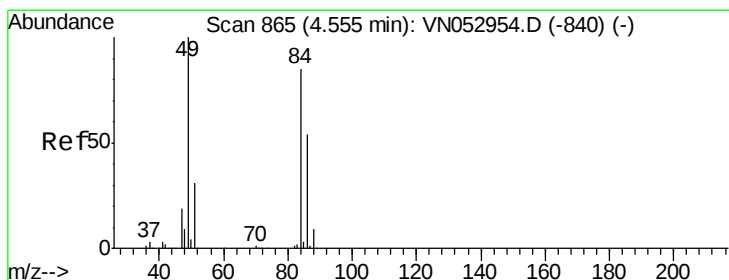
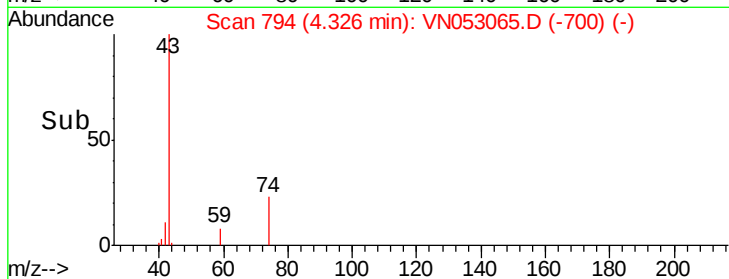
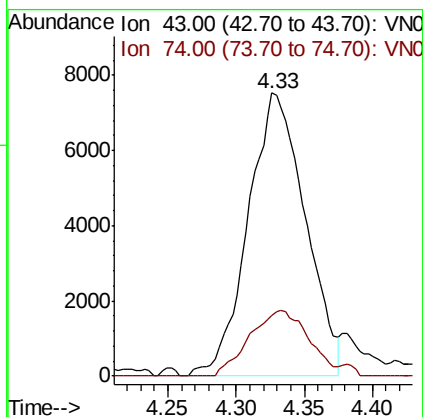
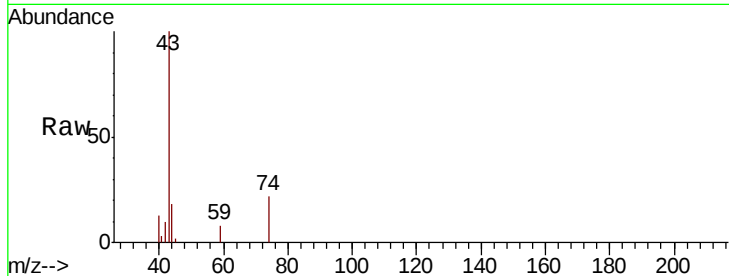




#18
Methyl Acetate
Concen: 2.808 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN053065.D
Acq: 20 Dec 2018 19:01

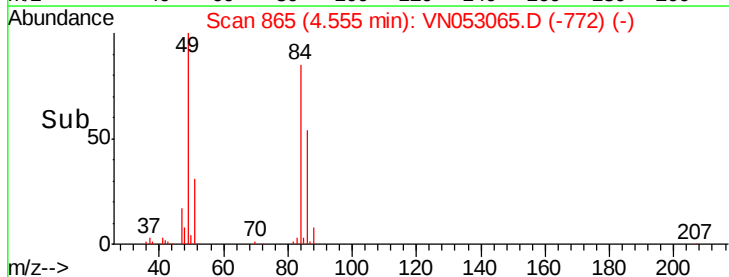
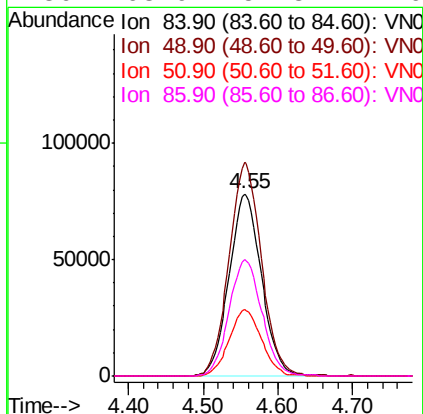
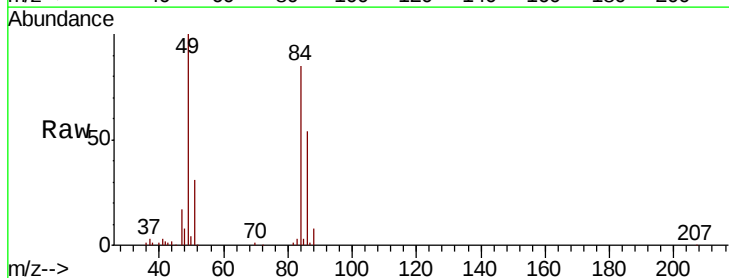
Instrument :
MSVOA_N
ClientSampleId :
R20-OS

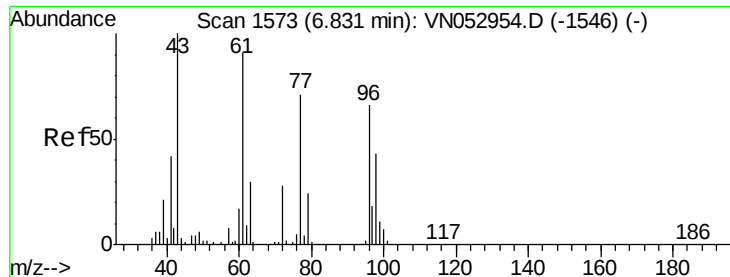
Tot Ion: 43 Resp: 21895
Ion Ratio Lower Upper
43 100
74 24.0 19.2 28.8



#20
Methylene Chloride
Concen: 16.599 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053065.D
Acq: 20 Dec 2018 19:01

Tgt Ion: 84 Resp: 235695
Ion Ratio Lower Upper
84 100
49 117.4 96.8 145.2
51 36.5 29.9 44.9
86 63.9 51.8 77.6





#25

2-Butanone

Concen: 5.163 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.01 min

Lab File: VN053065.D

Acq: 20 Dec 2018 19:01

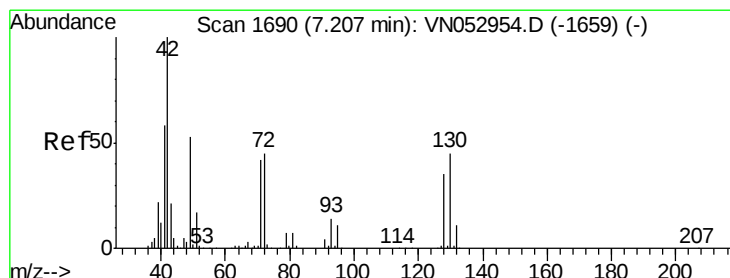
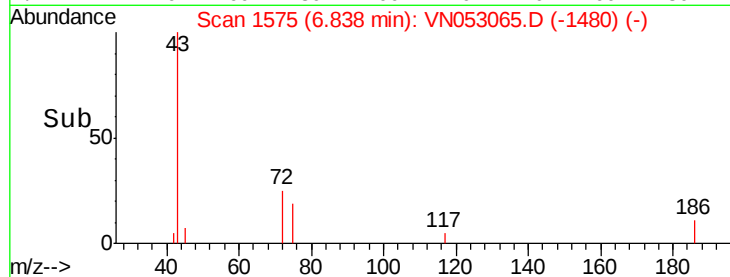
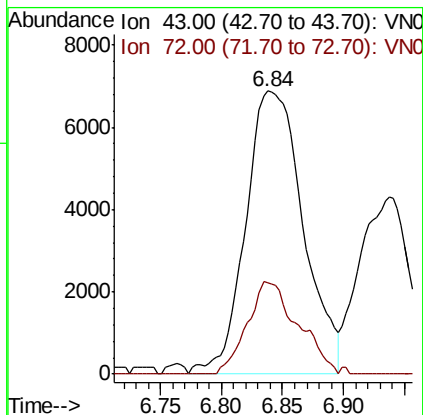
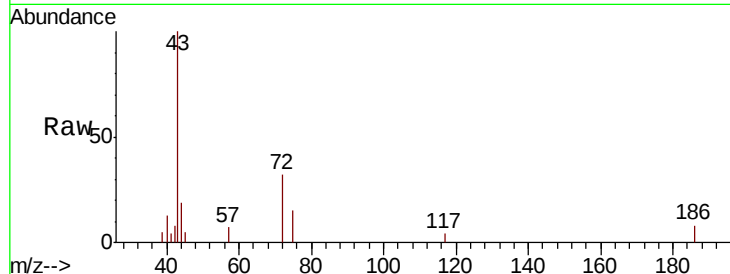
Instrument :
MSVOA_N
ClientSampled :
R20-OS

Tot Ion: 43 Resp: 22557

Ion Ratio Lower Upper

43 100

72 32.4 21.0 31.6#



#29

Tetrahydrofuran

Concen: 0.856 ug/l

RT: 7.23 min Scan# 1696

Delta R.T. 0.02 min

Lab File: VN053065.D

Acq: 20 Dec 2018 19:01

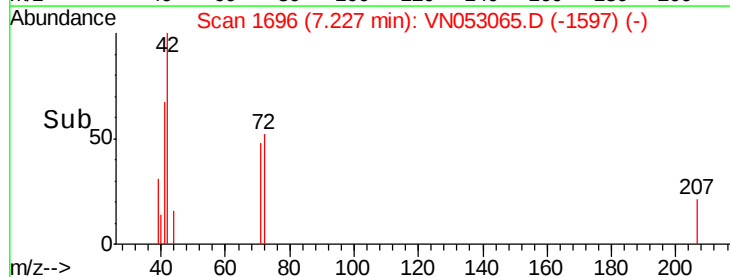
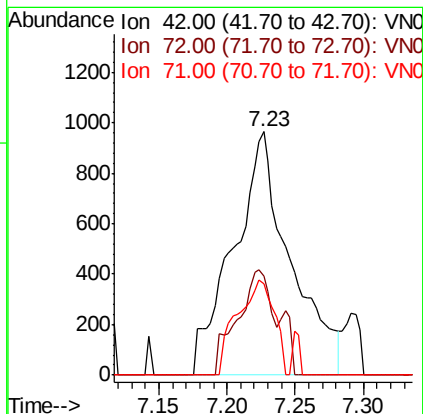
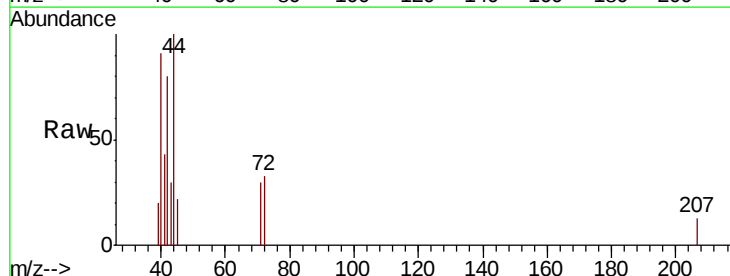
Tgt Ion: 42 Resp: 2792

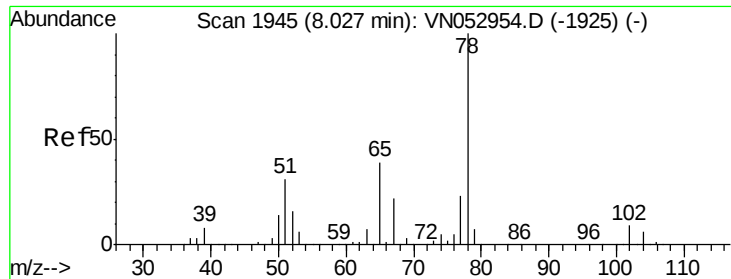
Ion Ratio Lower Upper

42 100

72 25.7 34.7 52.1#

71 25.5 32.3 48.5#

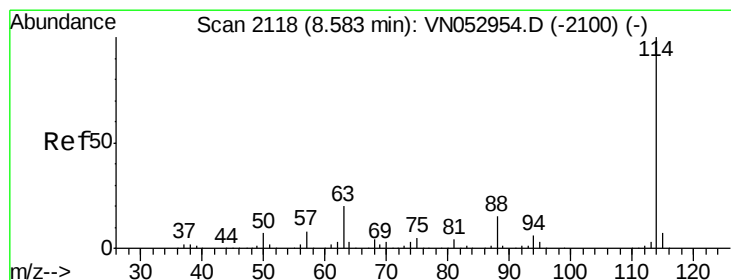
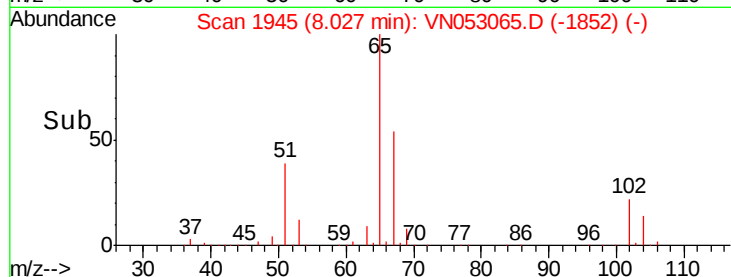
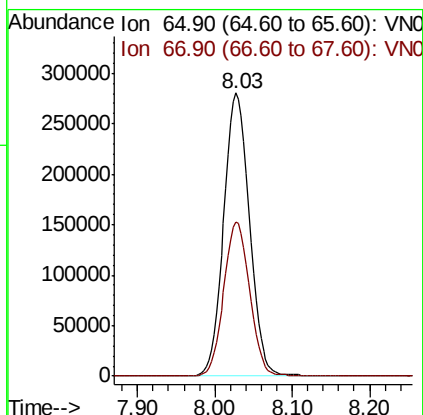
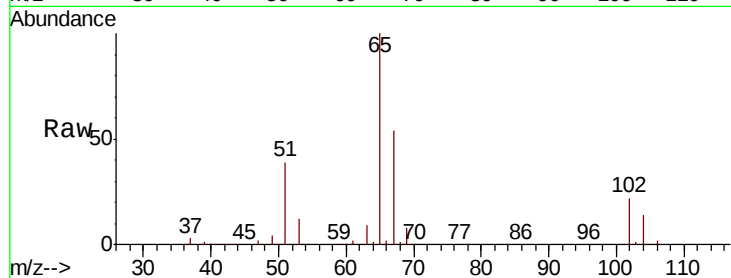




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053065.D
 Acq: 20 Dec 2018 19:01

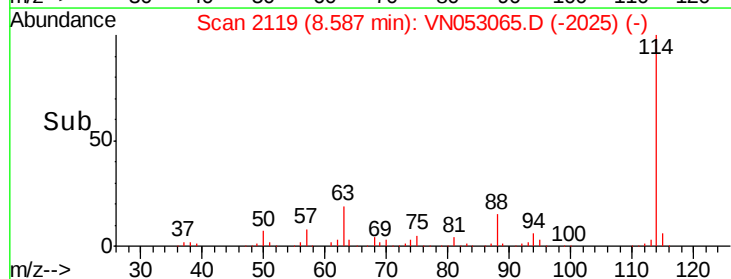
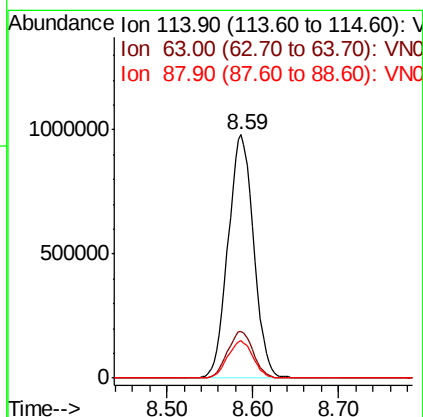
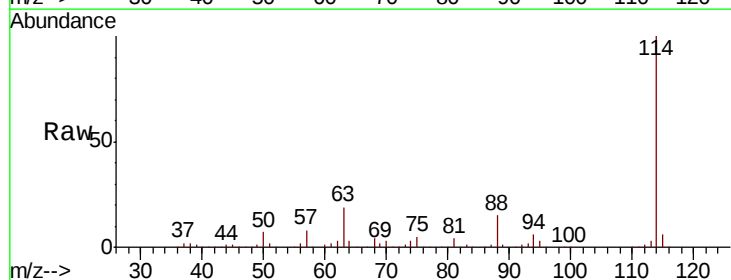
Instrument :
 MSVOA_N
 ClientSampleId :
 R20-OS

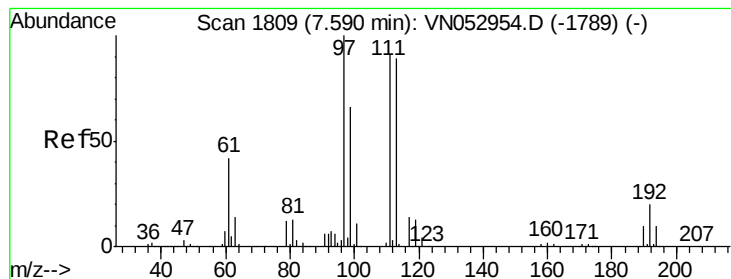
Tot Ion: 65 Resp: 649300
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053065.D
 Acq: 20 Dec 2018 19:01

Tgt Ion: 114 Resp: 2027139
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.8
 88 15.2 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053065.D

Acq: 20 Dec 2018 19:01

Instrument :

MSVOA_N

ClientSampled :

R20-OS

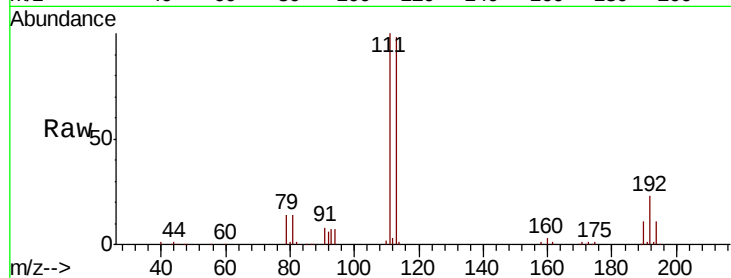
Tot Ion:113 Resp: 549867

Ion Ratio Lower Upper

113 100

111 102.0 83.0 124.4

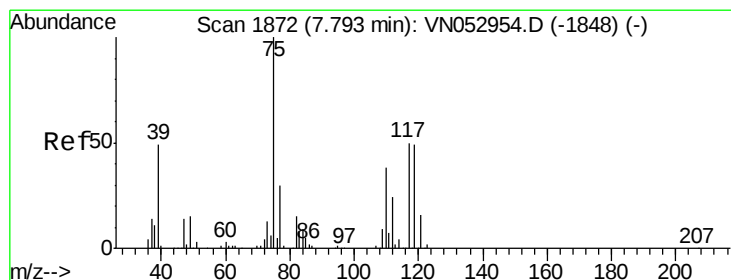
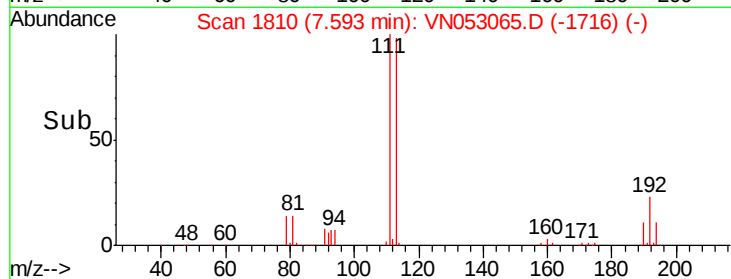
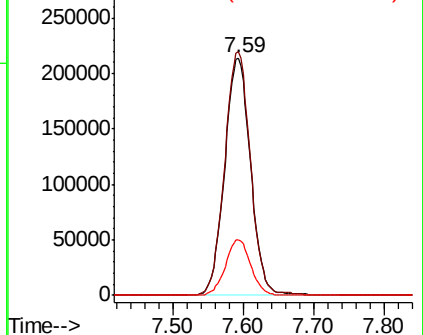
192 22.7 17.5 26.3



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: 4.405 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN053065.D

Acq: 20 Dec 2018 19:01

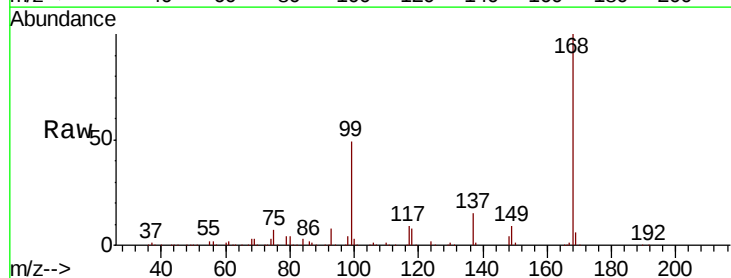
Tgt Ion: 75 Resp: 85702

Ion Ratio Lower Upper

75 100

110 8.3 18.2 54.6#

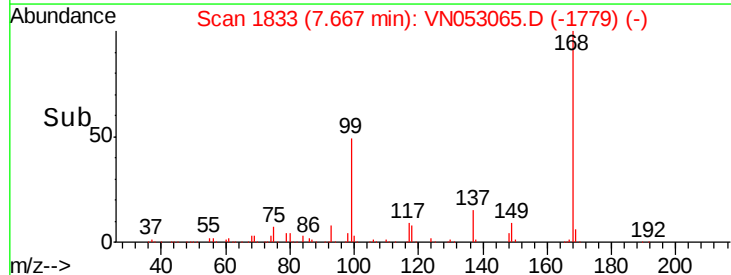
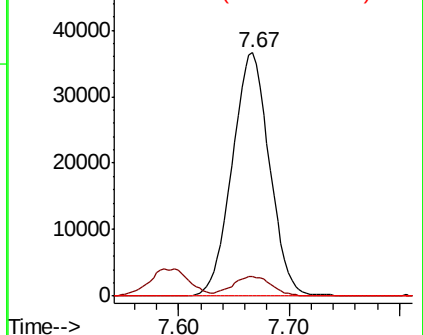
77 0.0 24.9 37.3#

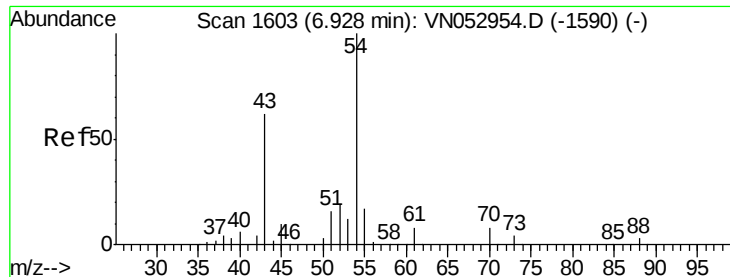


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

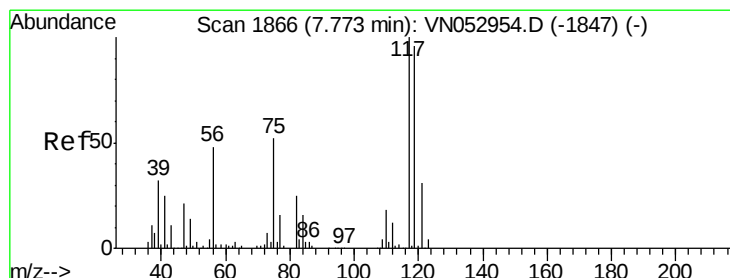
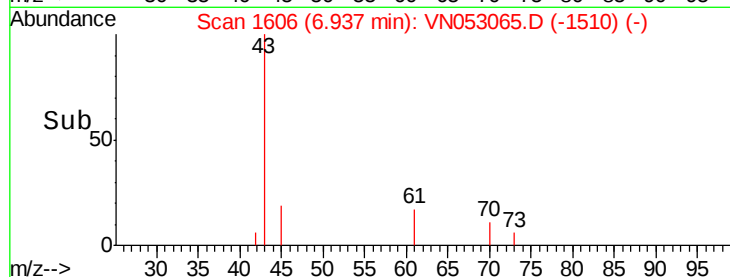
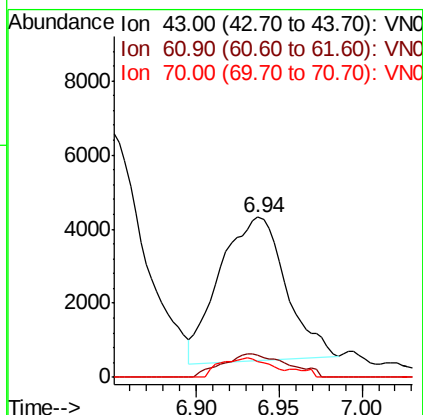
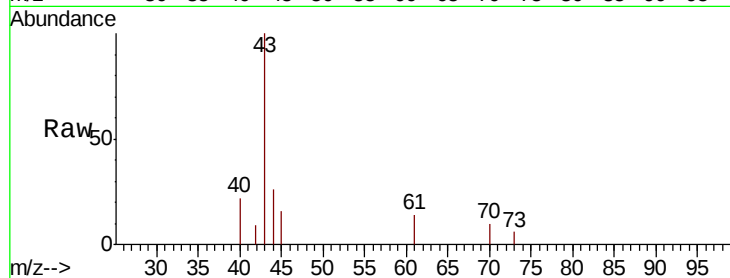




#37
Ethyl Acetate
Concen: 0.989 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VN053065.D
Acq: 20 Dec 2018 19:01

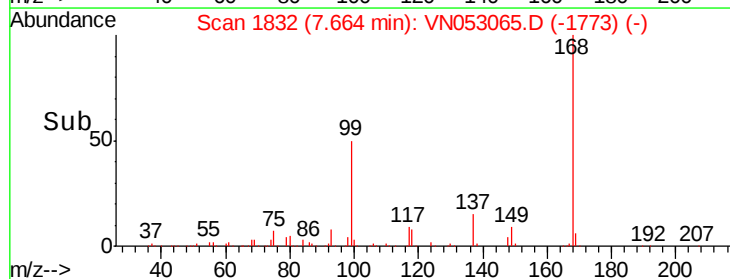
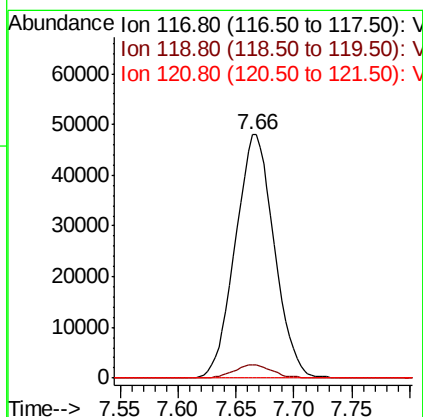
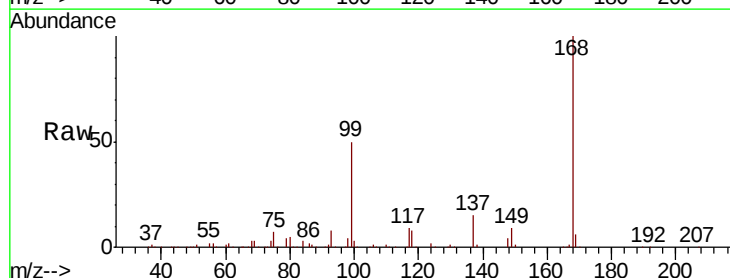
Instrument :
MSVOA_N
ClientSampled :
R20-OS

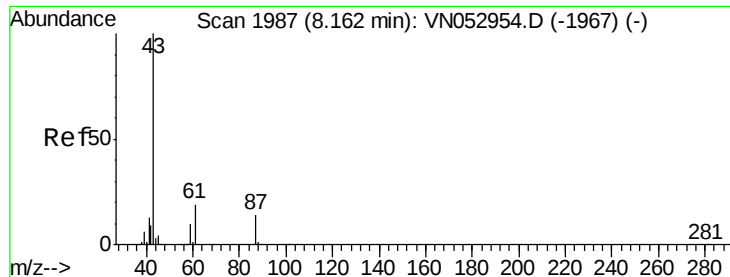
Tot Ion: 43 Resp: 10739
Ion Ratio Lower Upper
43 100
61 16.1 11.8 17.6
70 10.2 8.4 12.6



#38
Carbon Tetrachloride
Concen: 6.276 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN053065.D
Acq: 20 Dec 2018 19:01

Tgt Ion: 117 Resp: 111929
Ion Ratio Lower Upper
117 100
119 5.4 77.1 115.7#
121 0.0 24.9 37.3#





#43

Isopropyl Acetate

Concen: 1.477 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN053065.D

Acq: 20 Dec 2018 19:01

Instrument :

MSVOA_N

ClientSampleId :

R20-OS

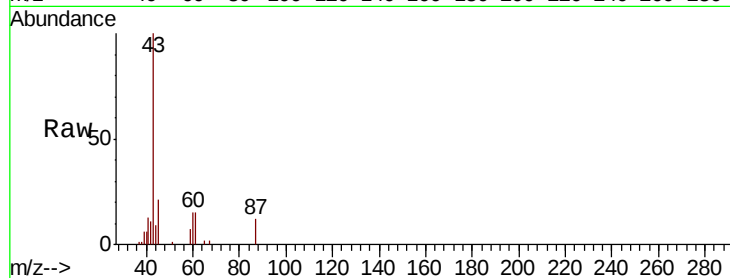
Tot Ion: 43 Resp: 52346

Ion Ratio Lower Upper

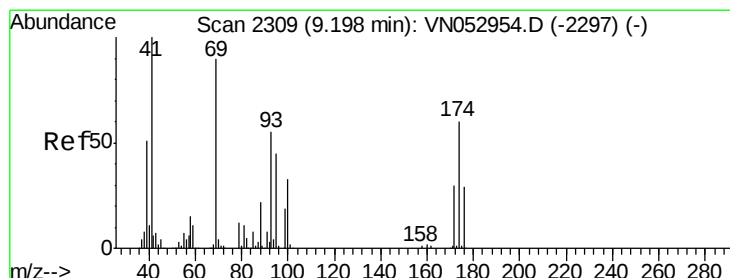
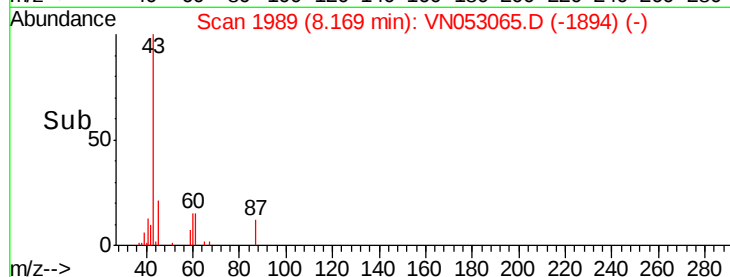
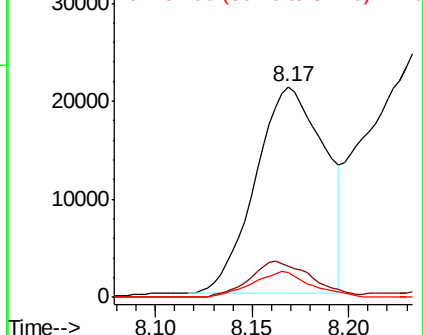
43 100

61 15.7 22.9 34.3#

87 10.7 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO



#48

Methyl methacrylate

Concen: 1.804 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.02 min

Lab File: VN053065.D

Acq: 20 Dec 2018 19:01

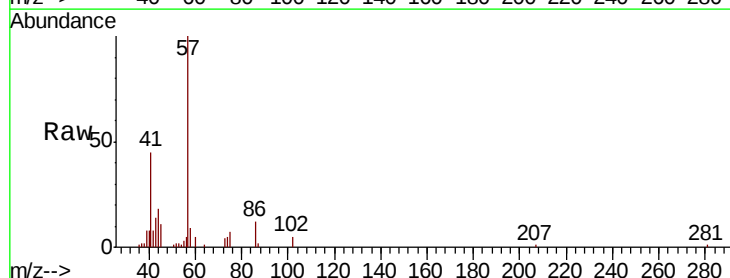
Tgt Ion: 41 Resp: 19018

Ion Ratio Lower Upper

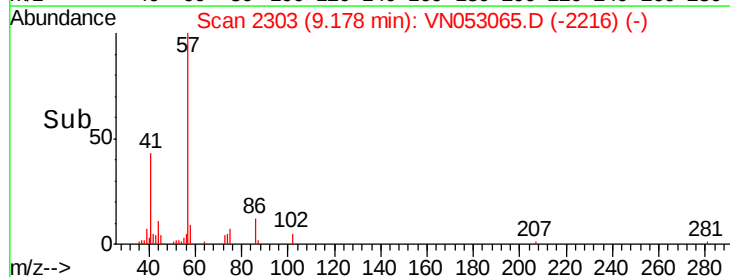
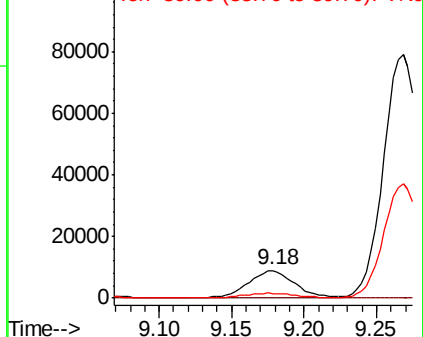
41 100

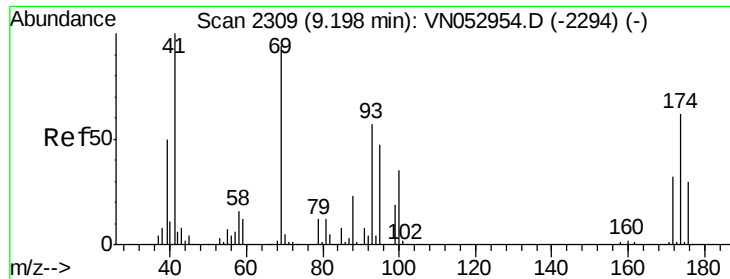
69 0.0 72.2 108.2#

39 21.9 41.9 62.9#



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





#49

1,4-Dioxane

Concen: 1.523 ug/l

RT: 9.26 min Scan# 2328

Delta R.T. 0.06 min

Lab File: VN053065.D

Acq: 20 Dec 2018 19:01

Instrument :
MSVOA_N
ClientSampled :
R20-OS

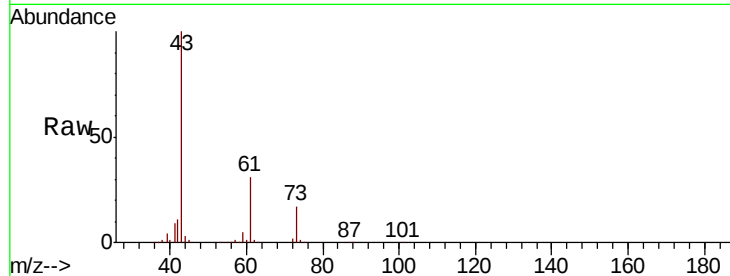
Tot Ion: 88 Resp: 203

Ion Ratio Lower Upper

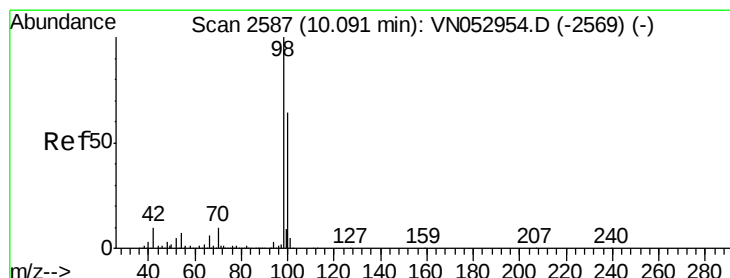
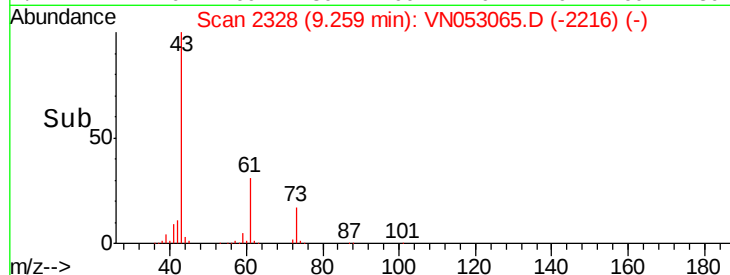
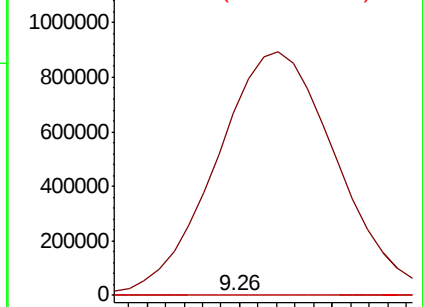
88 100

43 807661.1 26.6 40.0#

58 3733.5 58.4 87.6#



Abundance Ion 88.00 (87.70 to 88.70): VNO
Ion 43.00 (42.70 to 43.70): VNO
Ion 58.00 (57.70 to 58.70): VNO



#50

Toluene-d8

Concen: 1.523 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053065.D

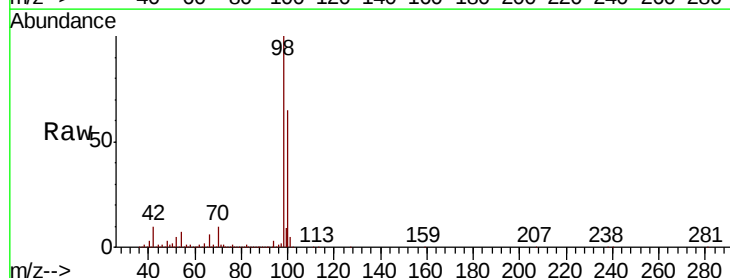
Acq: 20 Dec 2018 19:01

Tgt Ion: 98 Resp: 2466086

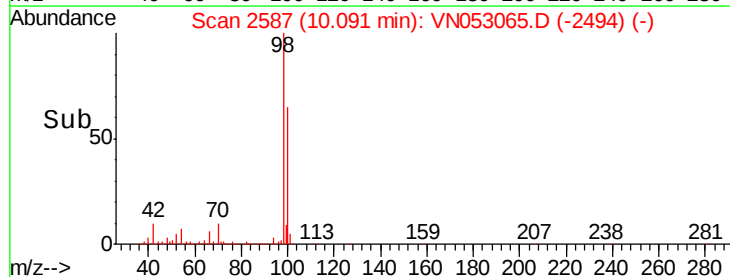
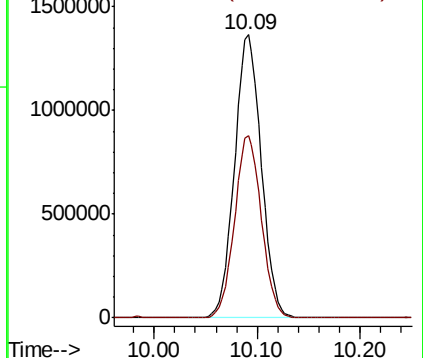
Ion Ratio Lower Upper

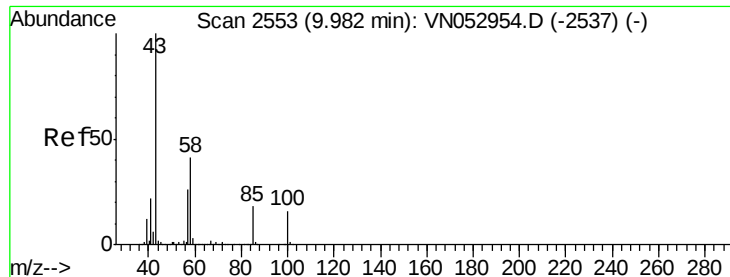
98 100

100 64.5 51.6 77.4



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: 6.863 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN053065.D

Acq: 20 Dec 2018 19:01

Instrument :

MSVOA_N

ClientSampled :

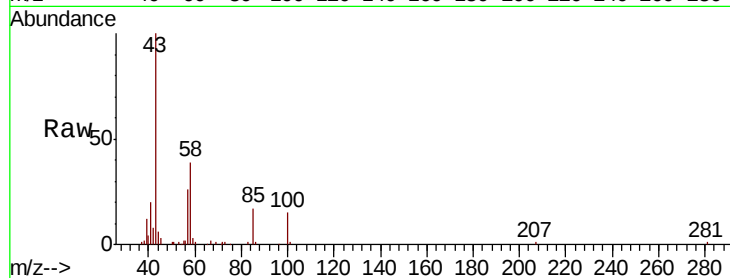
R20-OS

Tot Ion: 43 Resp: 72195

Ion Ratio Lower Upper

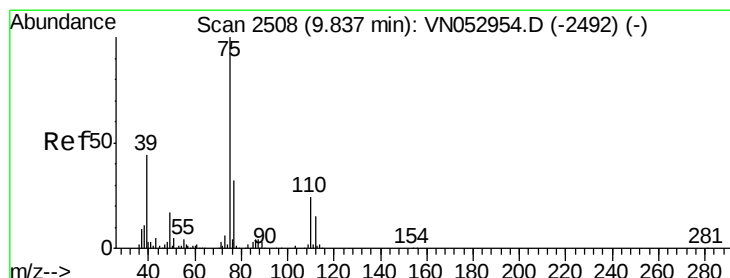
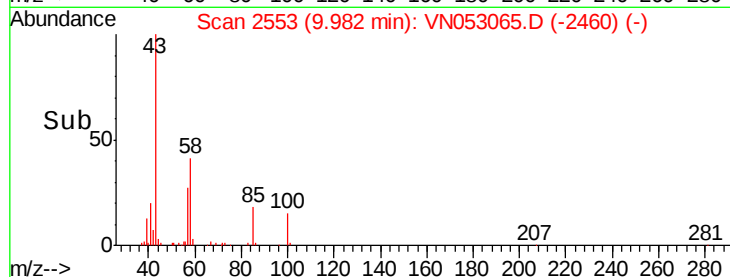
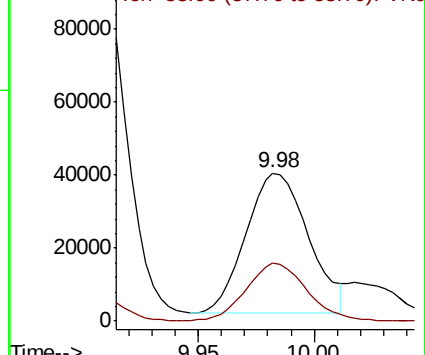
43 100

58 40.4 32.2 48.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 5.190 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN053065.D

Acq: 20 Dec 2018 19:01

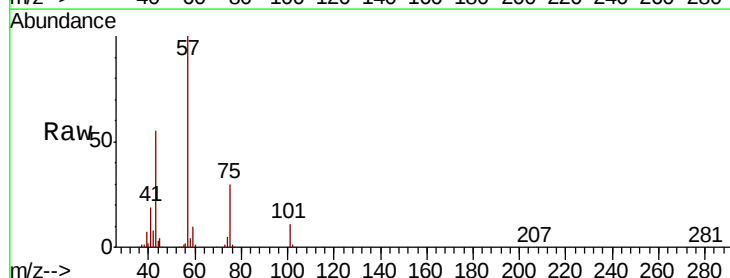
Tgt Ion: 75 Resp: 116943

Ion Ratio Lower Upper

75 100

77 0.6 25.8 38.8#

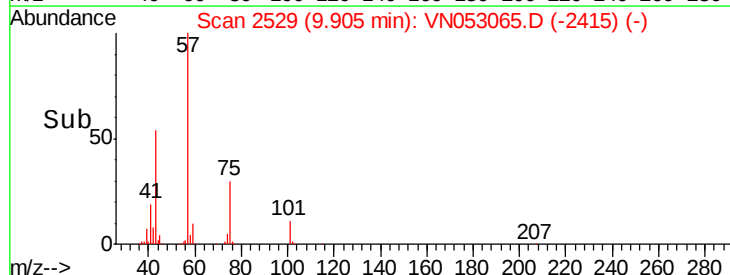
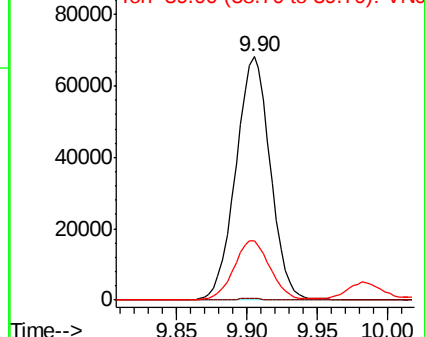
39 24.2 34.8 52.2#

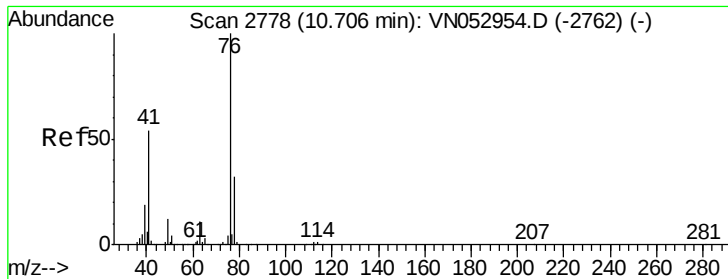


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

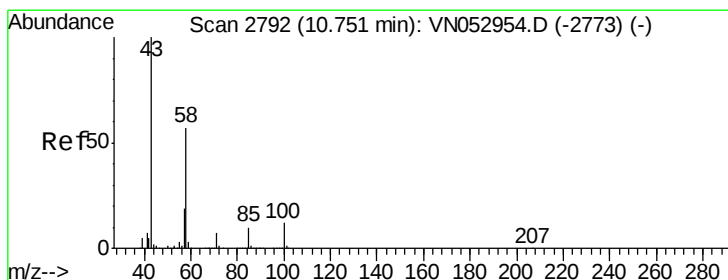
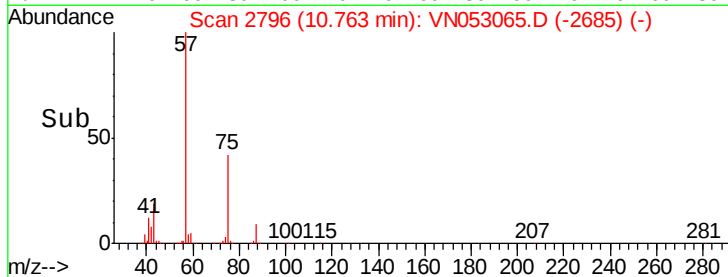
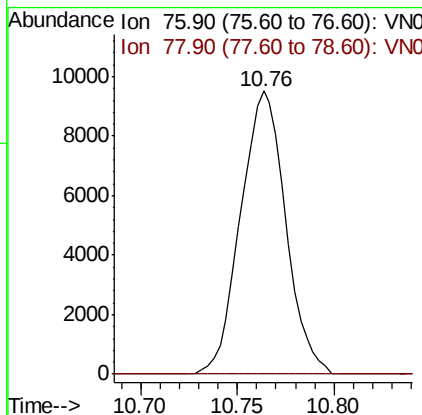
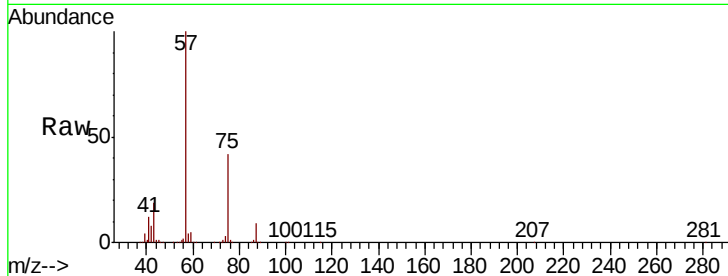




#57
 1,3-Dichloropropane
 Concen: 0.718 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN053065.D
 Acq: 20 Dec 2018 19:01

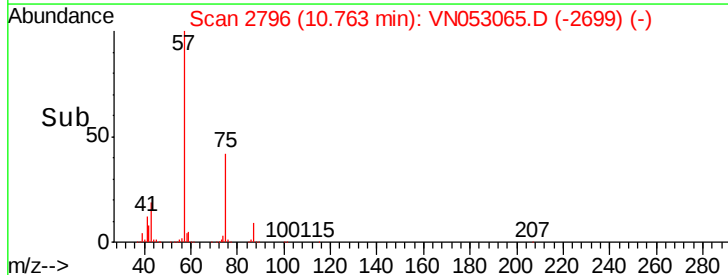
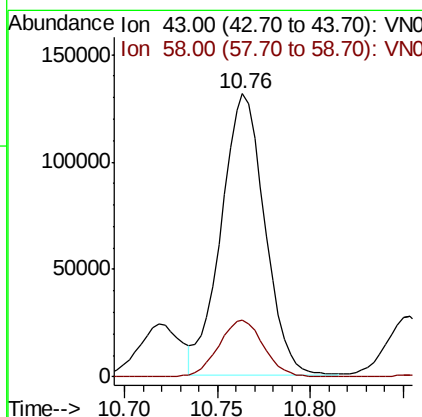
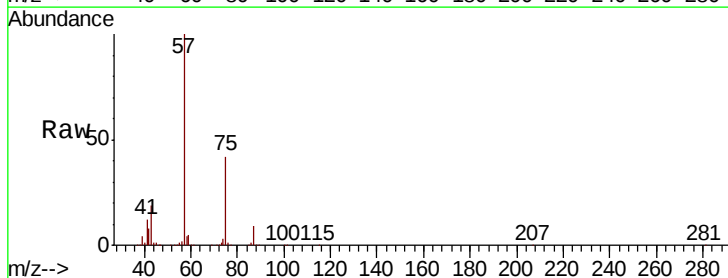
Instrument :
 MSVOA_N
 ClientSampled :
 R20-OS

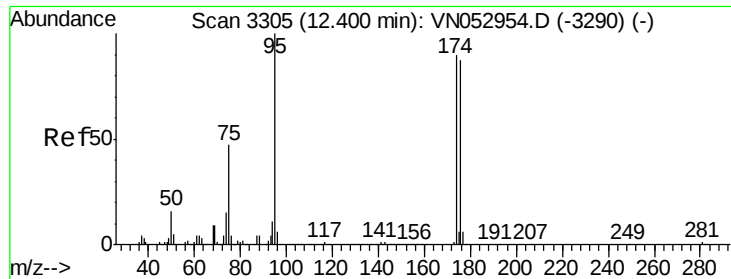
Tot Ion: 76 Resp: 15398
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.8 38.8#



#59
 2-Hexanone
 Concen: 29.890 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN053065.D
 Acq: 20 Dec 2018 19:01

Tgt Ion: 43 Resp: 212724
 Ion Ratio Lower Upper
 43 100
 58 21.0 28.1 84.3#

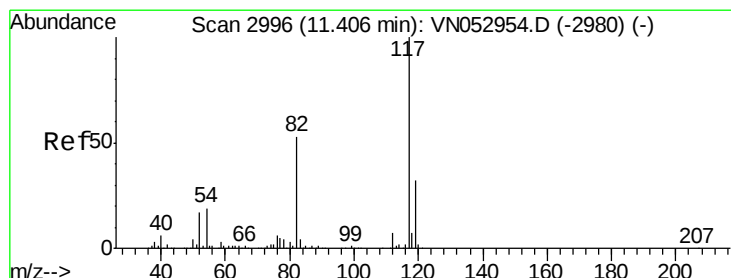
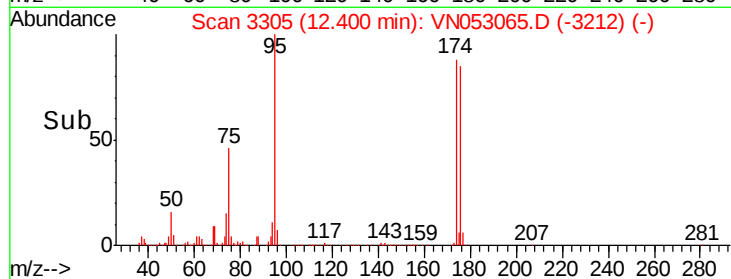
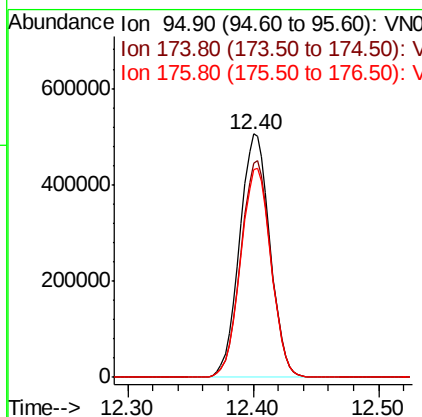
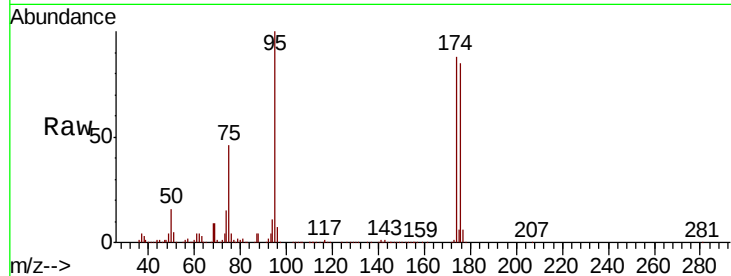




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN053065.D
Acq: 20 Dec 2018 19:01

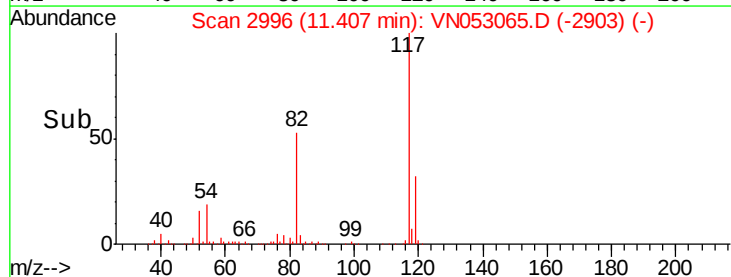
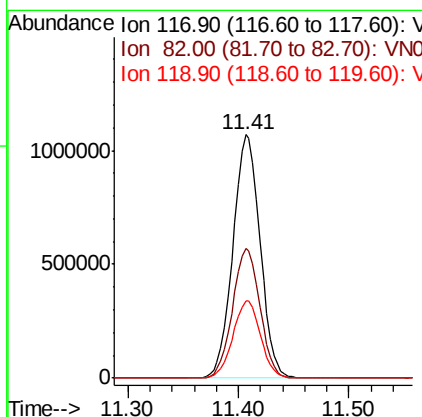
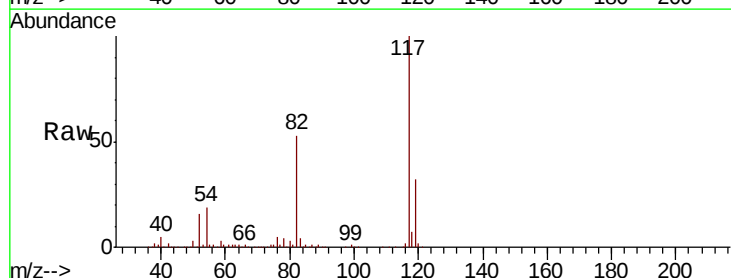
Instrument :
MSVOA_N
ClientSampleId :
R20-OS

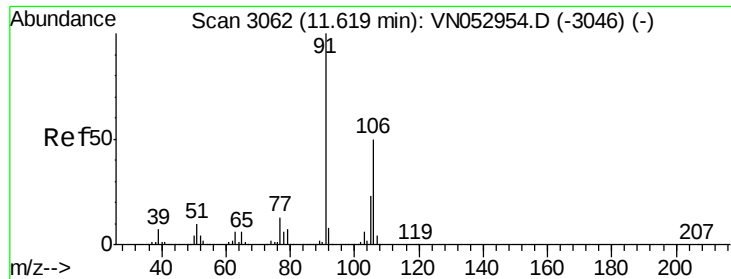
Tot Ion: 95 Resp: 850778
Ion Ratio Lower Upper
95 100
174 88.4 0.0 178.8
176 86.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053065.D
Acq: 20 Dec 2018 19:01

Tgt Ion: 117 Resp: 1824444
Ion Ratio Lower Upper
117 100
82 53.3 42.8 64.2
119 31.9 25.5 38.3

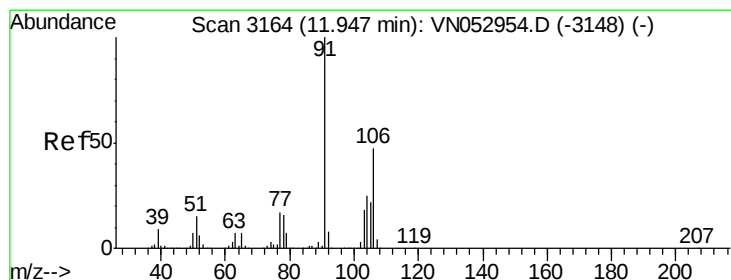
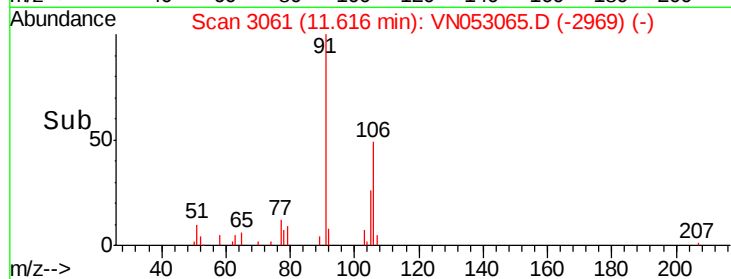
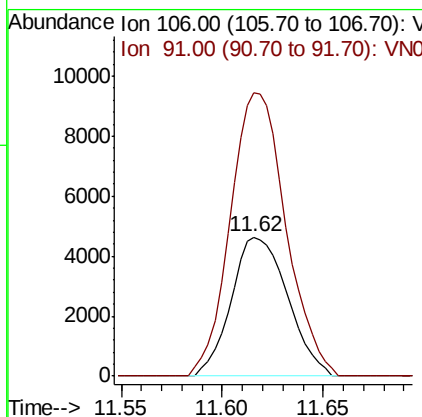
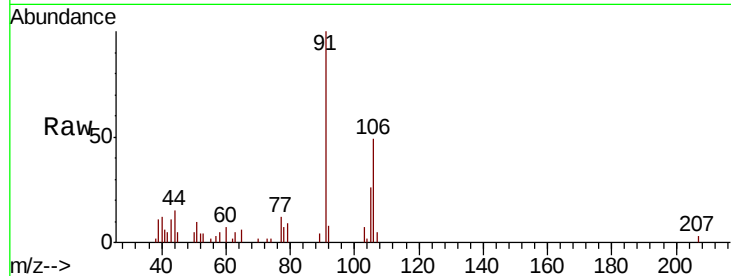




#68
m/p-Xylenes
Concen: 0.342 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN053065.D
Acq: 20 Dec 2018 19:01

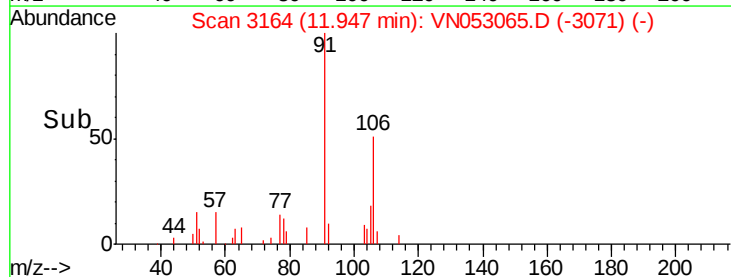
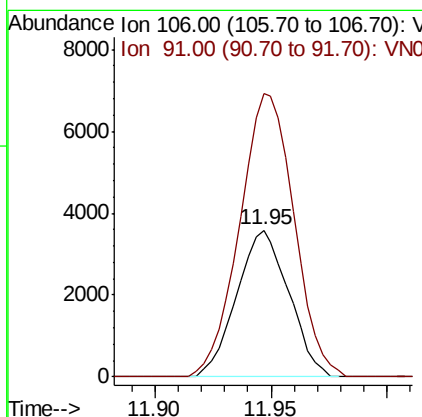
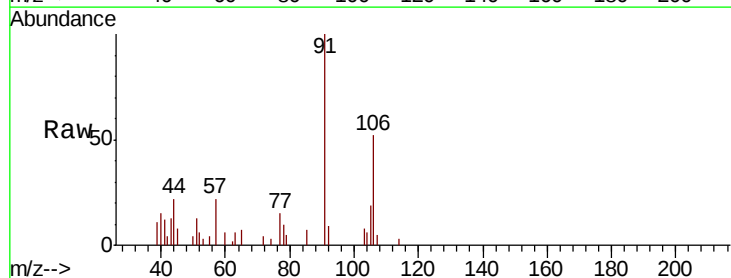
Instrument :
MSVOA_N
ClientSampled :
R20-OS

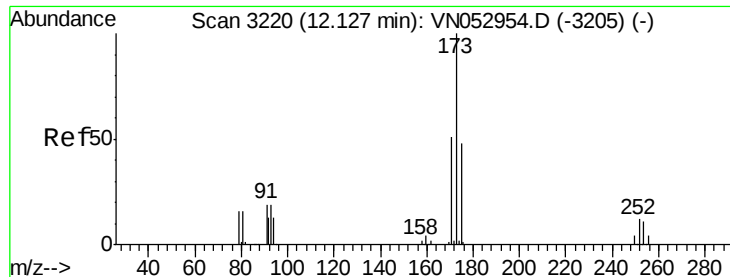
Tot Ion:106 Resp: 9036
Ion Ratio Lower Upper
106 100
91 201.2 162.2 243.4



#69
o-Xylene
Concen: 0.221 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053065.D
Acq: 20 Dec 2018 19:01

Tgt Ion:106 Resp: 5605
Ion Ratio Lower Upper
106 100
91 201.0 106.6 319.8





#71

Bromoform

Concen: 0.509 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN053065.D

Acq: 20 Dec 2018 19:01

Instrument :

MSVOA_N

ClientSampleId :

R20-OS

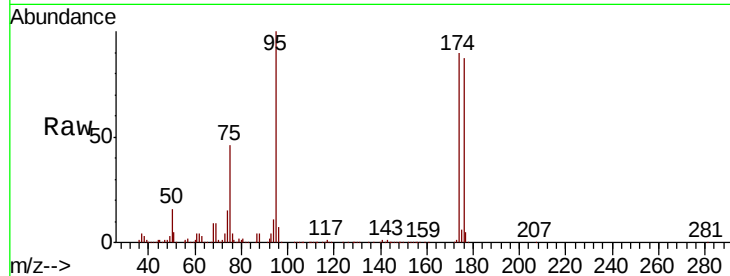
Tot Ion:173 Resp: 5175

Ion Ratio Lower Upper

173 100

175 920.8 24.3 72.9#

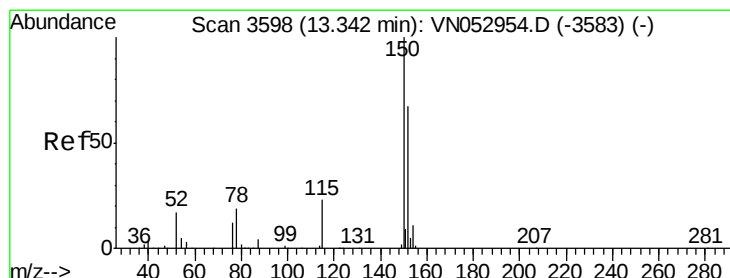
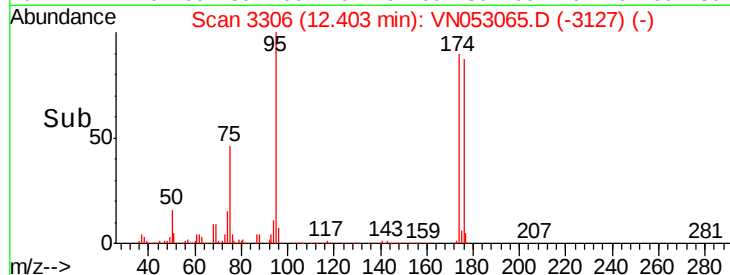
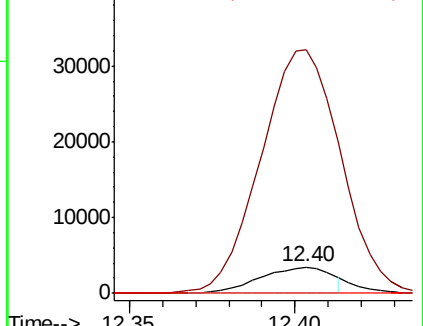
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN053065.D

Acq: 20 Dec 2018 19:01

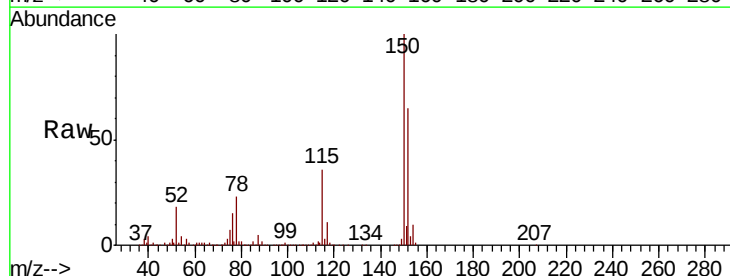
Tgt Ion:152 Resp: 804074

Ion Ratio Lower Upper

152 100

115 55.8 28.3 85.0

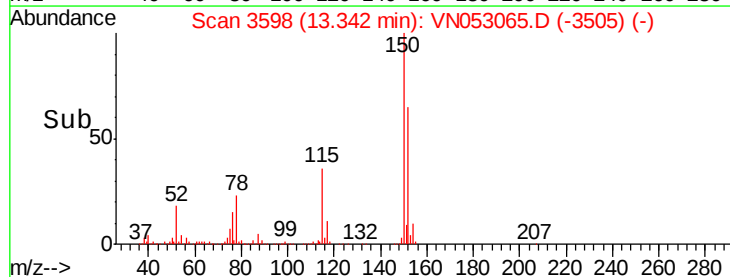
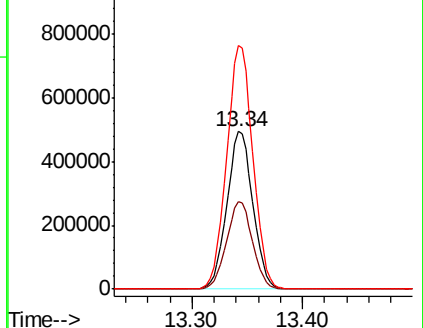
150 156.2 0.0 347.8

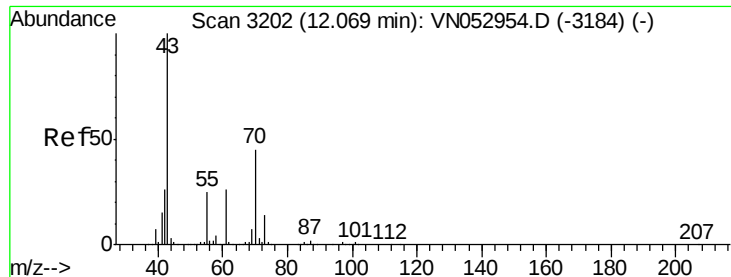


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amyl acetate

Concen: 0.981 ug/l

RT: 12.03 min Scan# 3189

Delta R.T. -0.04 min

Lab File: VN053065.D

Acq: 20 Dec 2018 19:01

Instrument :

MSVOA_N

ClientSampleId :

R20-OS

Tot Ion: 43 Resp: 17132

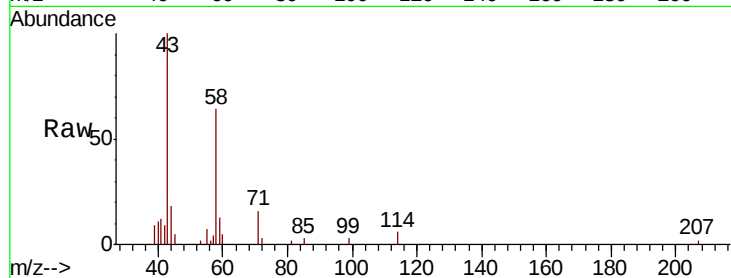
Ion Ratio Lower Upper

43 100

70 0.0 34.2 51.4#

55 9.6 20.3 30.5#

61 0.0 20.0 30.0#

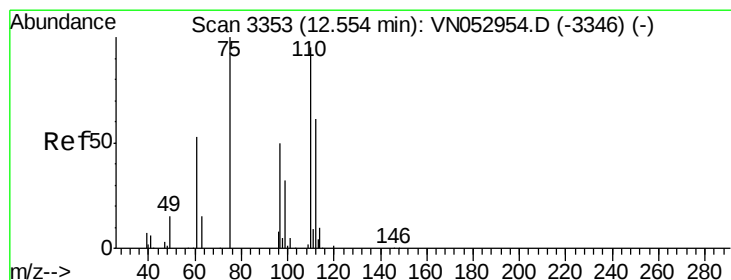
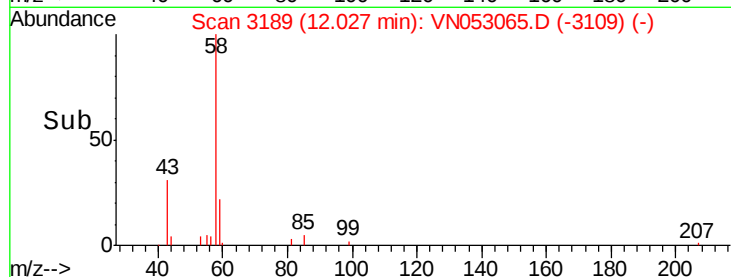
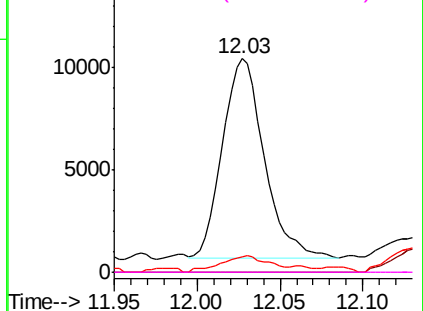


Abundance Ion 43.00 (42.70 to 43.70): VN0

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



#76

1,2,3-Trichloropropane

Concen: 29.125 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053065.D

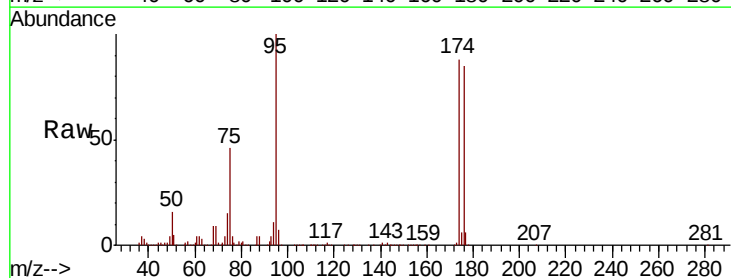
Acq: 20 Dec 2018 19:01

Tgt Ion: 75 Resp: 394232

Ion Ratio Lower Upper

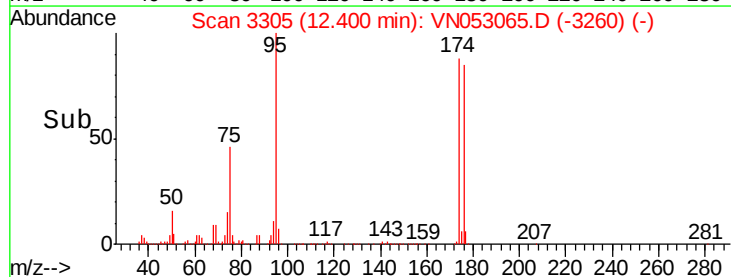
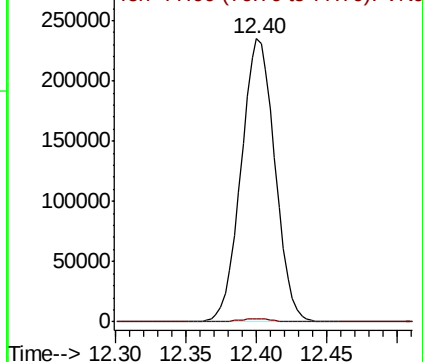
75 100

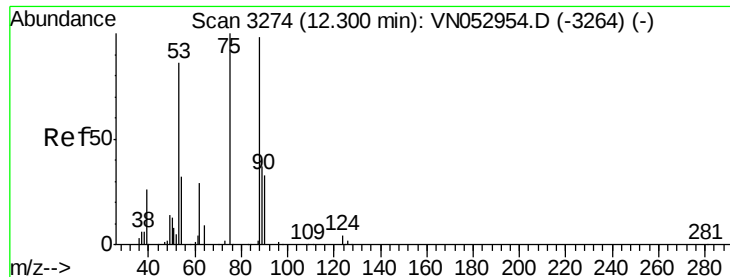
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#81

trans-1,4-Dichloro-2-butene

Concen: 93.874 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053065.D

Acq: 20 Dec 2018 19:01

Instrument :

MSVOA_N

ClientSampled :

R20-OS

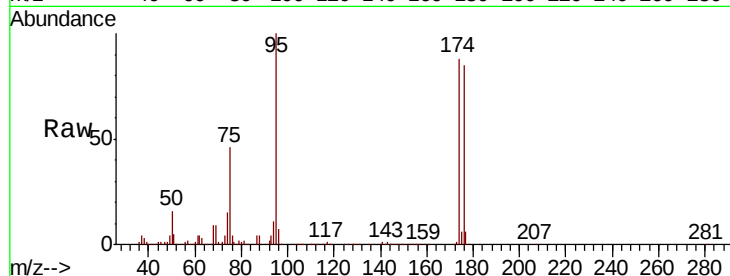
Tot Ion: 75 Resp: 394232

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

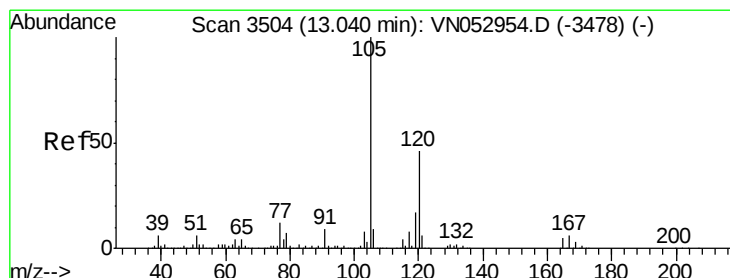
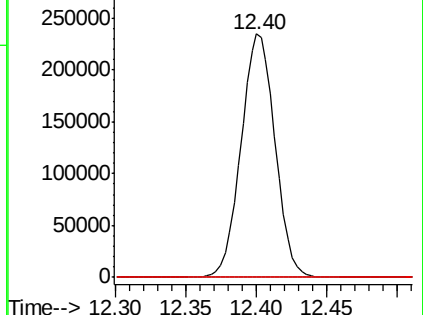
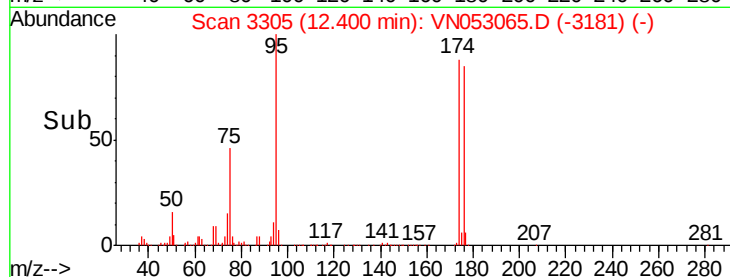
89 0.0 36.1 54.1#



Abundance Ion 74.90 (74.60 to 75.60): VN053065.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN053065.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN053065.D (-3181) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.238 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. -0.00 min

Lab File: VN053065.D

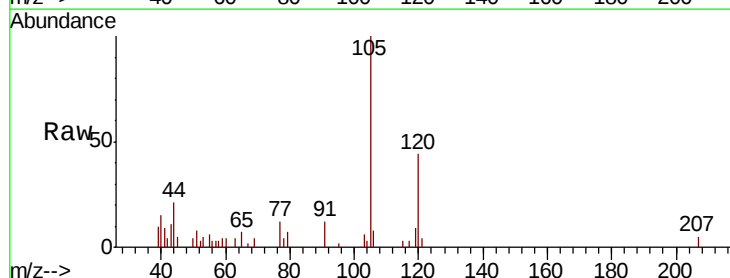
Acq: 20 Dec 2018 19:01

Tgt Ion: 105 Resp: 12259

Ion Ratio Lower Upper

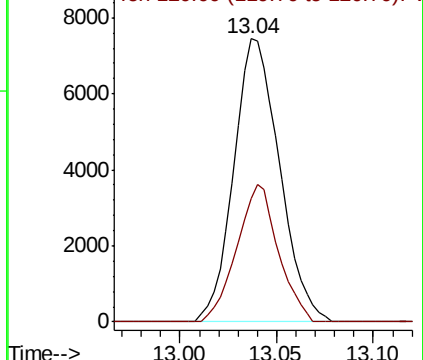
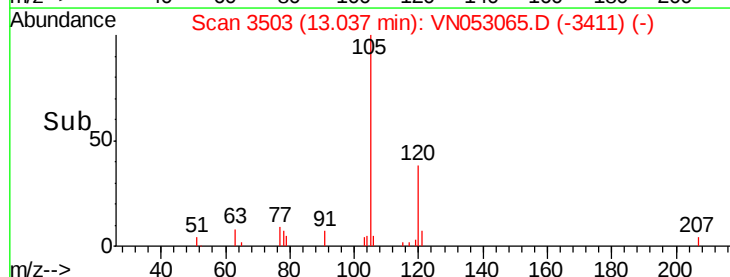
105 100

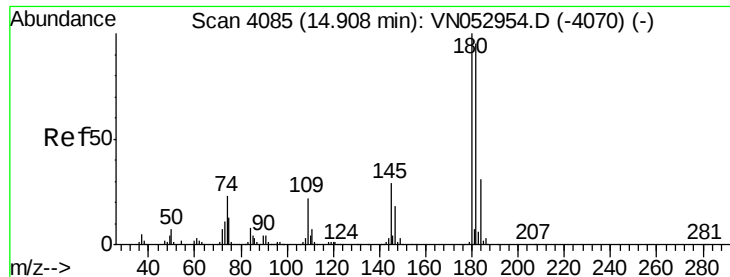
120 43.9 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN053065.D (-3411) (-)

Ion 120.00 (119.70 to 120.70): VN053065.D (-3411) (-)

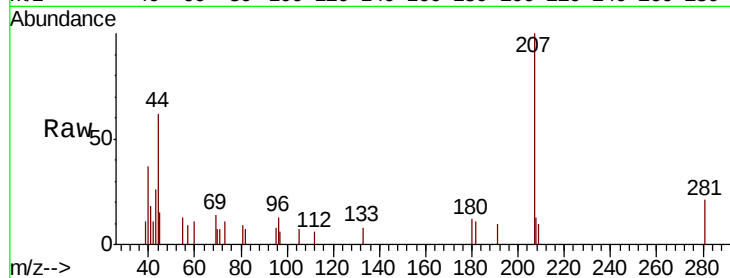




#93
 1,2,4-Trichlorobenzene
 Concen: 0.620 ug/l
 RT: 14.90 min Scan# 4083
 Delta R.T. -0.01 min
 Lab File: VN053065.D
 Acq: 20 Dec 2018 19:01

Instrument :
 MSVOA_N
 ClientSampleId :
 R20-OS

Tot Ion	Ratio	Lower	Upper
180	100		
182	107.8	47.8	143.3
145	21.4	14.2	42.6

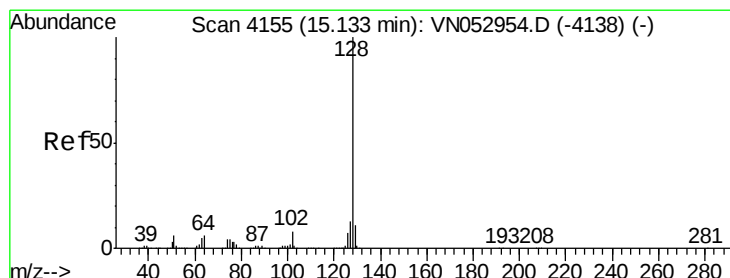
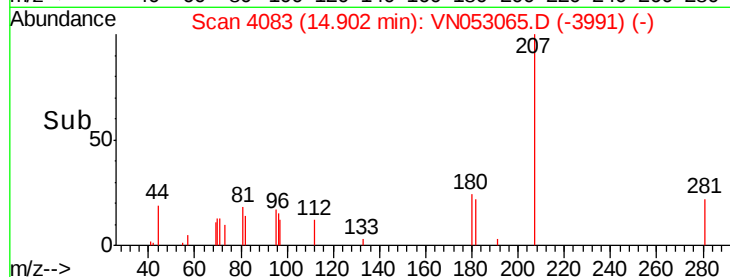
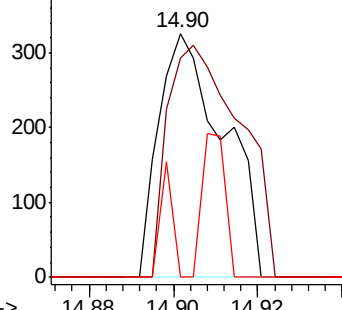


Abundance

Ion 179.80 (179.50 to 180.50): V

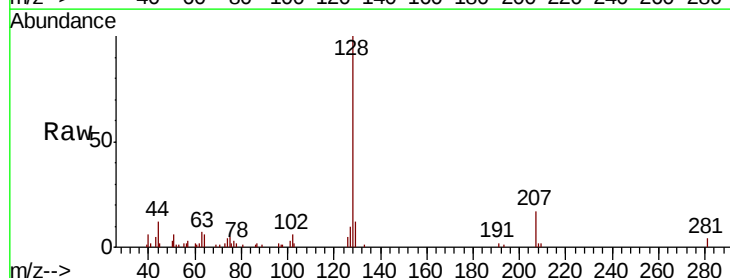
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 1.956 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN053065.D
 Acq: 20 Dec 2018 19:01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.2	15.4
129	11.1	8.6	13.0

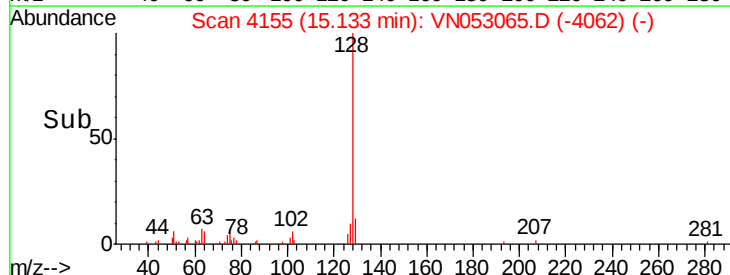
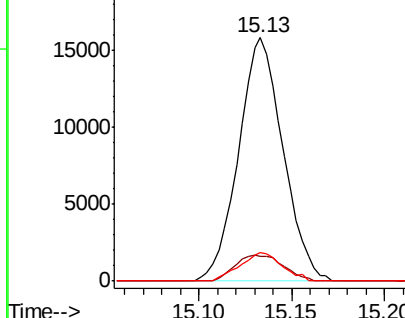


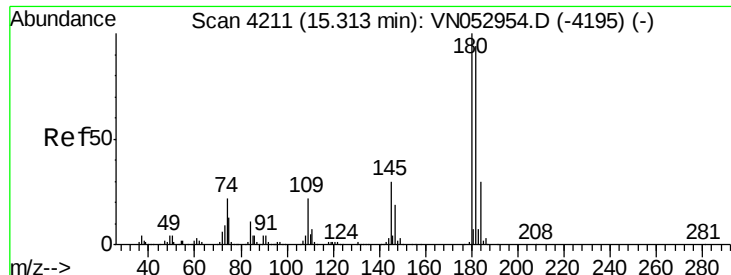
Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 0.515 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN053065.D
 Acq: 20 Dec 2018 19:01

Instrument :
 MSVOA_N
 ClientSampleId :
 R20-OS

Tot Ion	Ratio	Lower	Upper
180	100		
182	111.1	47.9	143.7
145	0.0	15.0	45.0

