

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032519\
 Data File : VN054663.D
 Acq On : 25 Mar 2019 11:02
 Operator : JC/SP
 Sample : PB118163TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB118163TB

Quant Time: Mar 26 01:22:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	554858	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	910481	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	768877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	285318	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	370459	53.68	ug/l	0.00
Spiked Amount			Recovery	=	107.36%	
35) Dibromofluoromethane	7.59	113	285499	48.67	ug/l	0.00
Spiked Amount			Recovery	=	97.34%	
50) Toluene-d8	10.09	98	1099520	49.86	ug/l	0.00
Spiked Amount			Recovery	=	99.72%	
62) 4-Bromofluorobenzene	12.40	95	344412	45.90	ug/l	0.00
Spiked Amount			Recovery	=	91.80%	

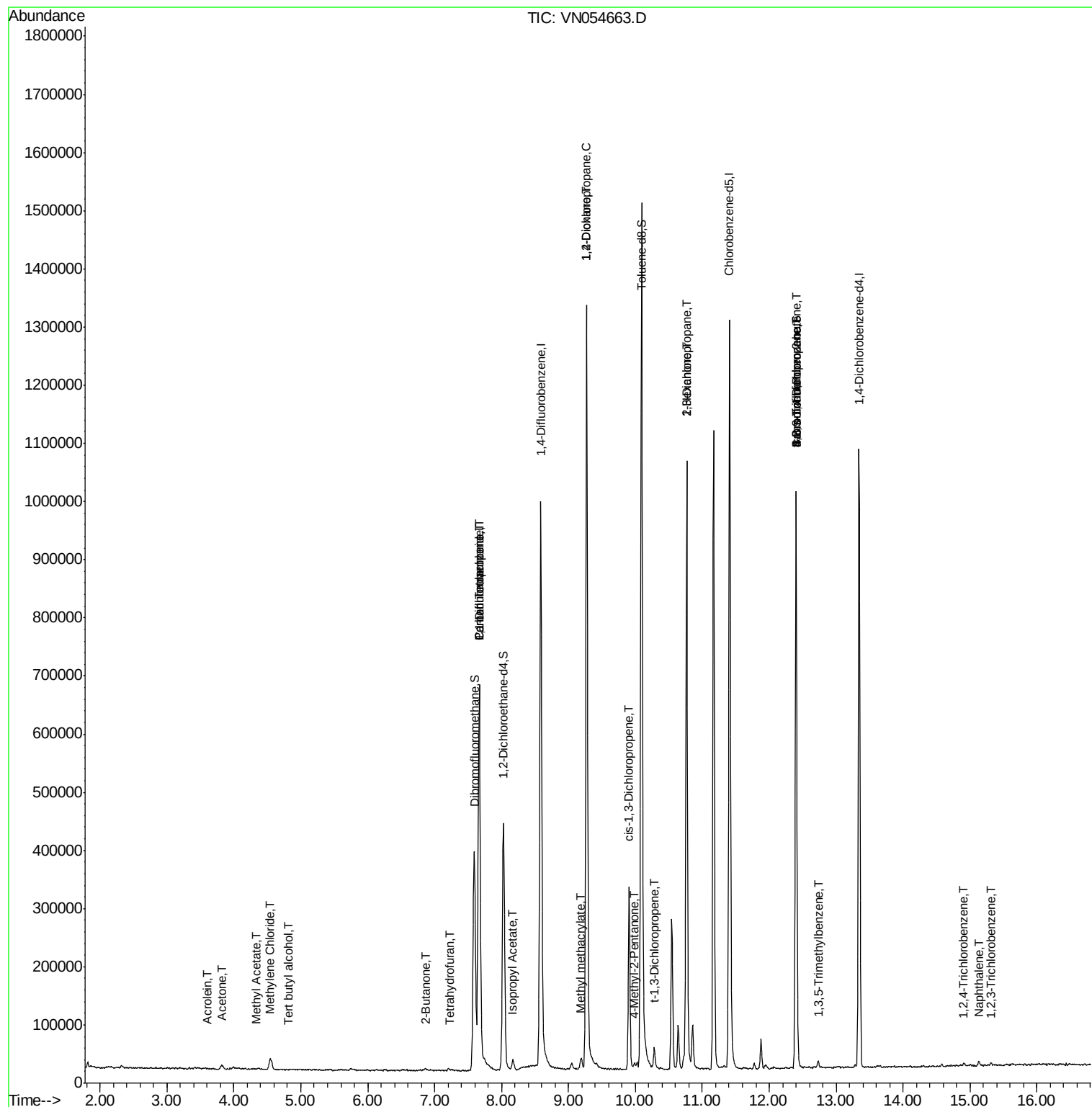
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.81	59	147	0.352	ug/l #	70
13) Acrolein	3.60	56	483	0.838	ug/l #	14
16) Acetone	3.82	43	12170	5.865	ug/l #	76
18) Methyl Acetate	4.34	43	959	0.207	ug/l #	72
20) Methylene Chloride	4.54	84	12062	1.972	ug/l #	83
25) 2-Butanone	6.85	43	4910	1.847	ug/l	90
29) Tetrahydrofuran	7.23	42	1948	1.129	ug/l #	38
31) Cyclohexane	7.66	56	12043	Below Cal	#	18
36) 1,1-Dichloropropene	7.66	75	43027	5.054	ug/l #	47
38) Carbon Tetrachloride	7.67	117	51744	6.255	ug/l #	16
43) Isopropyl Acetate	8.17	43	19814	1.938	ug/l #	94
45) 1,2-Dichloropropane	9.27	63	1672	0.256	ug/l #	43
48) Methyl methacrylate	9.18	41	8435	1.520	ug/l #	11
49) 1,4-Dioxane	9.27	88	59	0.951	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	6952	1.227	ug/l	89
53) t-1,3-Dichloropropene	10.28	75	30	2.235	ug/l	94
54) cis-1,3-Dichloropropene	9.90	75	52174	5.622	ug/l #	72
57) 1,3-Dichloropropane	10.76	76	10542	1.127	ug/l #	43
59) 2-Hexanone	10.77	43	177590	47.975	ug/l #	48
71) Bromoform	12.39	173	762	2.409	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	178806	39.493	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	5736	0.304	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	178806	130.681	ug/l #	11
93) 1,2,4-Trichlorobenzene	14.91	180	1959	0.429	ug/l	96
94) Hexachlorobutadiene	15.00	225	756	Below Cal	#	58
95) Naphthalene	15.13	128	6158	0.605	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.32	180	2303	0.507	ug/l	97

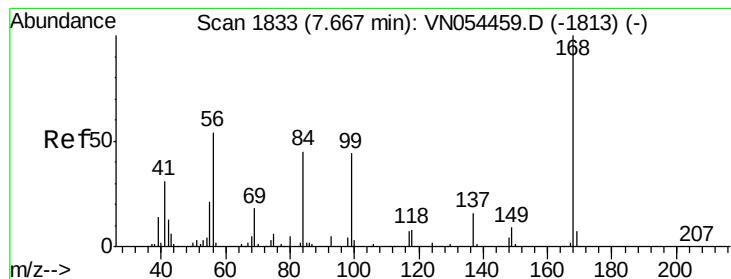
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054663.D

Acq: 25 Mar 2019 11:02

Instrument :

MSVOA_N

ClientSampleId :

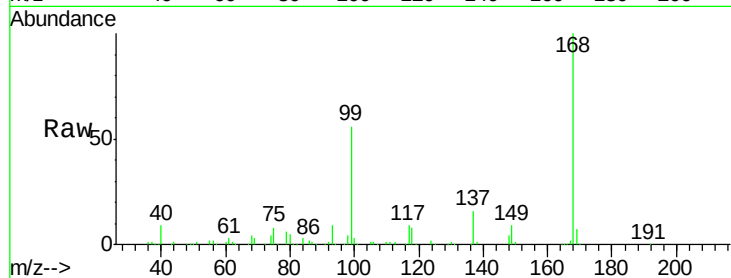
PB118163TB

Tot Ion:168 Resp: 554858

Ion Ratio Lower Upper

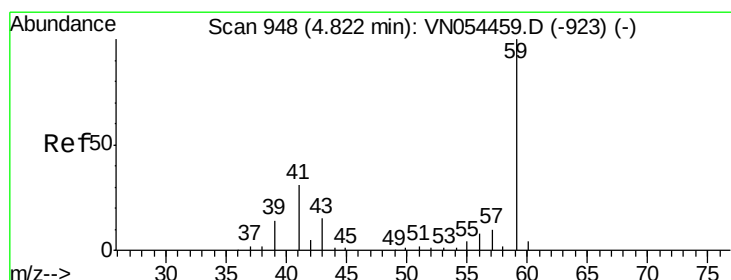
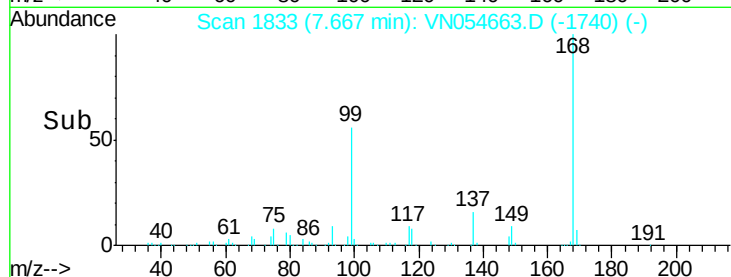
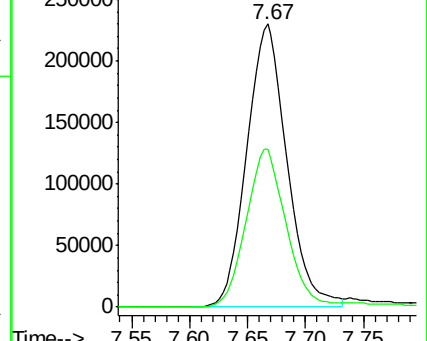
168 100

99 55.8 37.1 55.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#11

Tert butyl alcohol

Concen: 0.352 ug/l

RT: 4.81 min Scan# 945

Delta R.T. -0.01 min

Lab File: VN054663.D

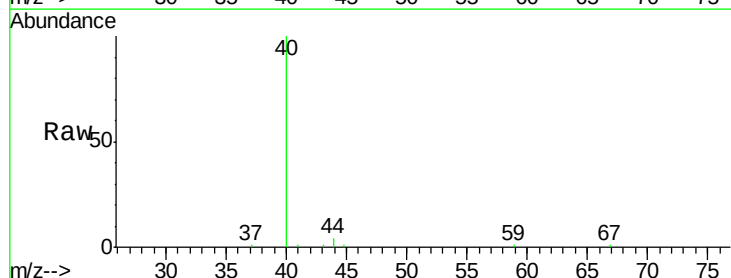
Acq: 25 Mar 2019 11:02

Tgt Ion: 59 Resp: 147

Ion Ratio Lower Upper

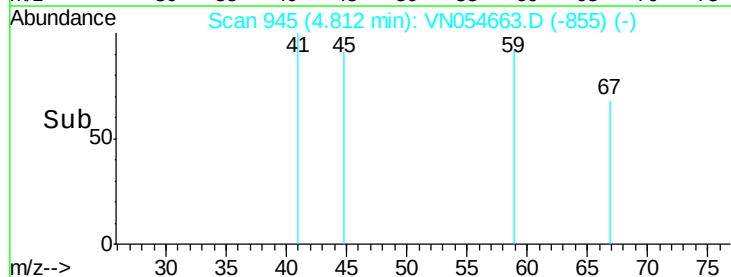
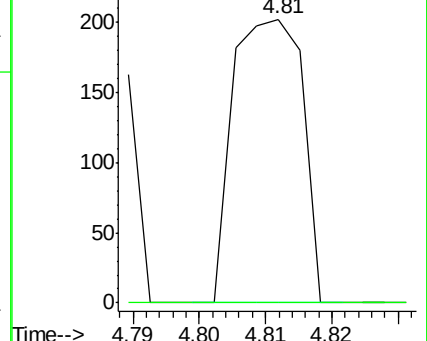
59 100

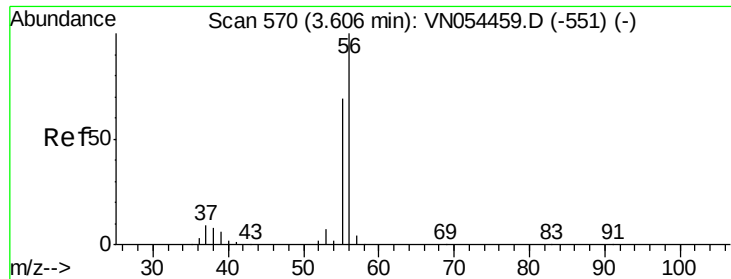
57 0.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO





#13

Acrolein

Concen: 0.838 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN054663.D

Acq: 25 Mar 2019 11:02

Instrument :

MSVOA_N

ClientSampled :

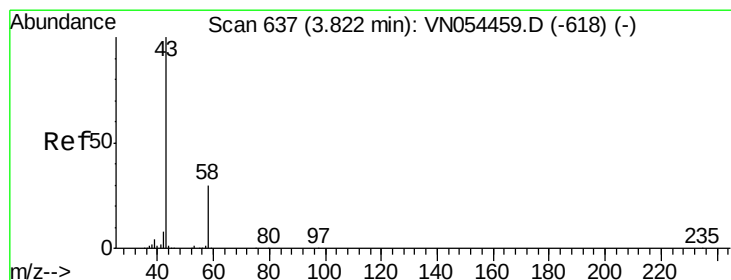
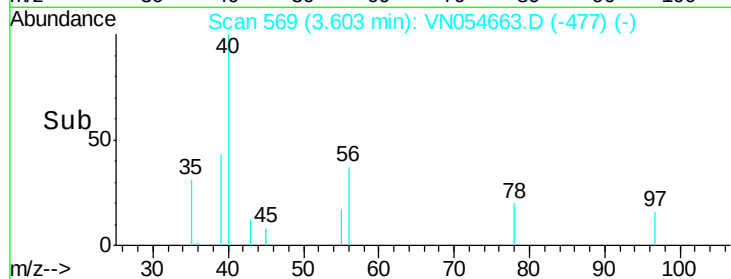
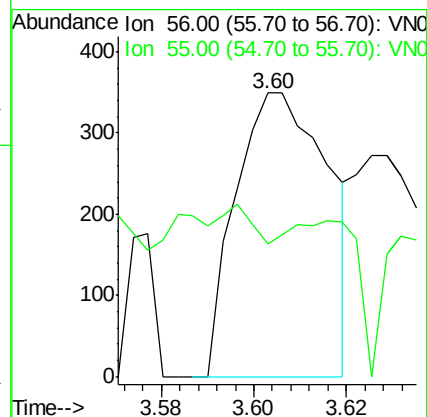
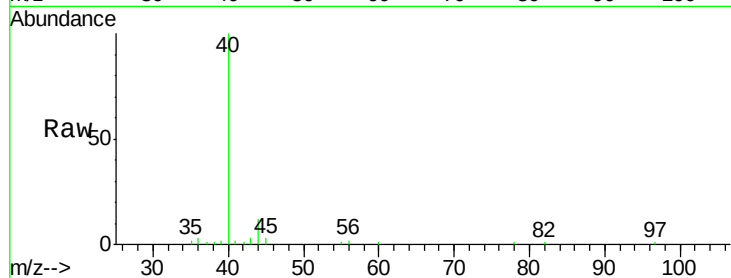
PB118163TB

Tot Ion: 56 Resp: 483

Ion Ratio Lower Upper

56 100

55 0.0 56.7 85.1#



#16

Acetone

Concen: 5.865 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN054663.D

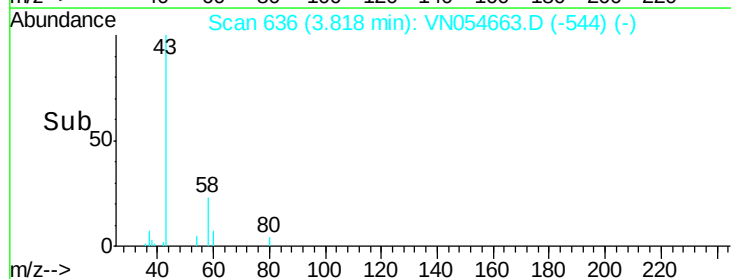
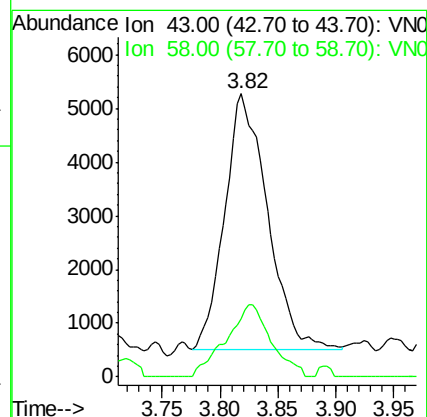
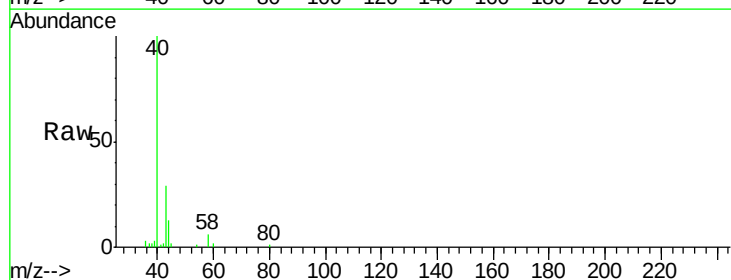
Acq: 25 Mar 2019 11:02

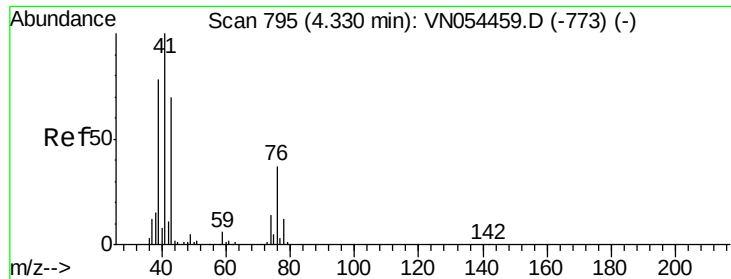
Tgt Ion: 43 Resp: 12170

Ion Ratio Lower Upper

43 100

58 22.9 29.9 44.9#

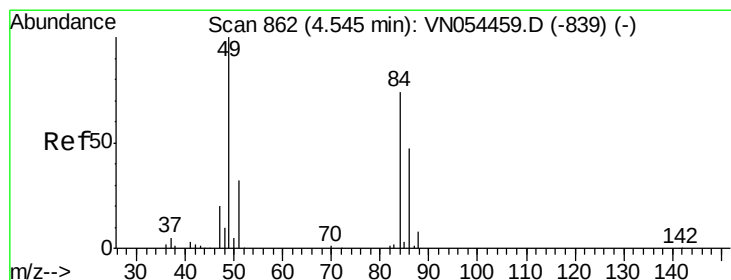
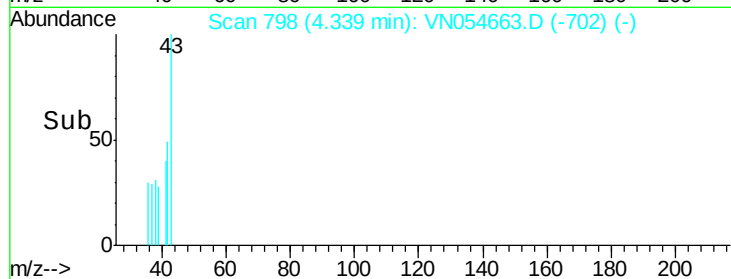
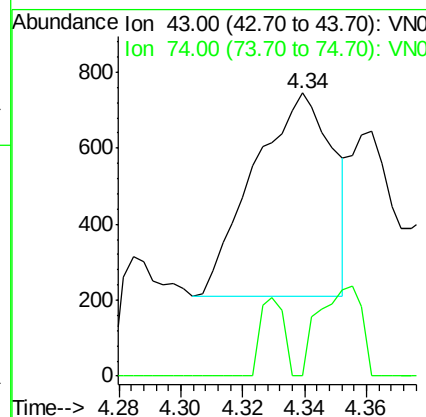
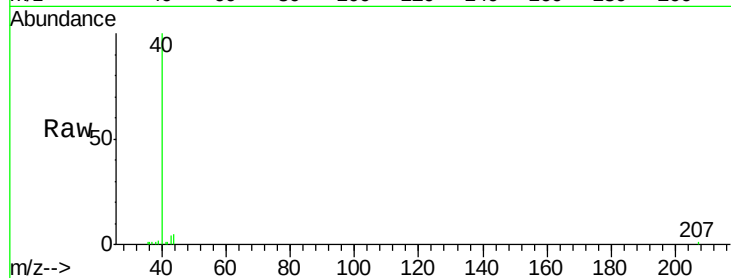




#18
Methyl Acetate
Concen: 0.207 ug/l
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN054663.D
Acq: 25 Mar 2019 11:02

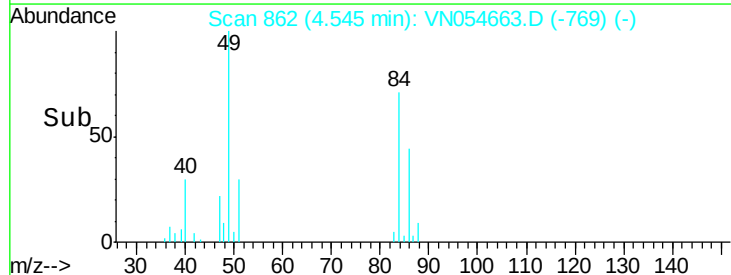
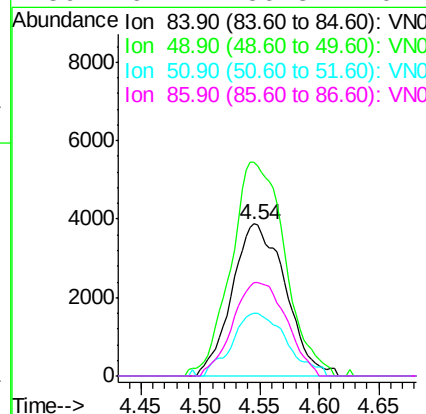
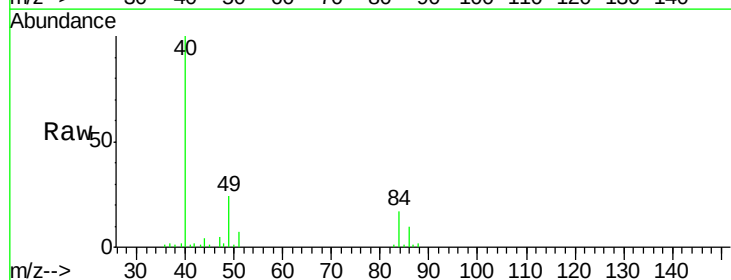
Instrument :
MSVOA_N
ClientSampled :
PB118163TB

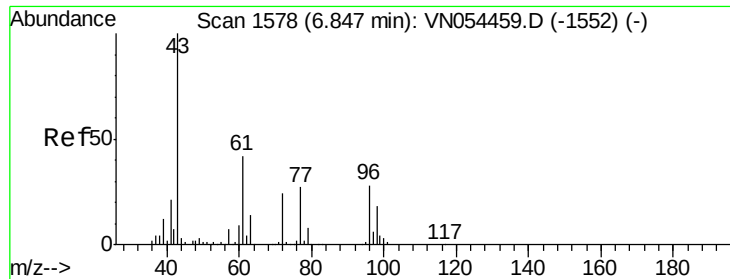
Tot Ion: 43 Resp: 959
Ion Ratio Lower Upper
43 100
74 11.5 20.8 31.2#



#20
Methylene Chloride
Concen: 1.972 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN054663.D
Acq: 25 Mar 2019 11:02

Tgt Ion: 84 Resp: 12062
Ion Ratio Lower Upper
84 100
49 140.5 89.7 134.5#
51 41.5 28.2 42.4
86 61.4 50.8 76.2

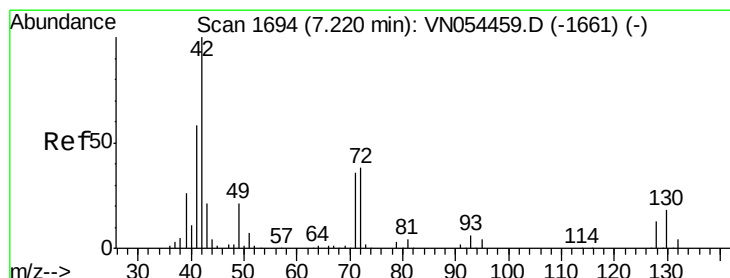
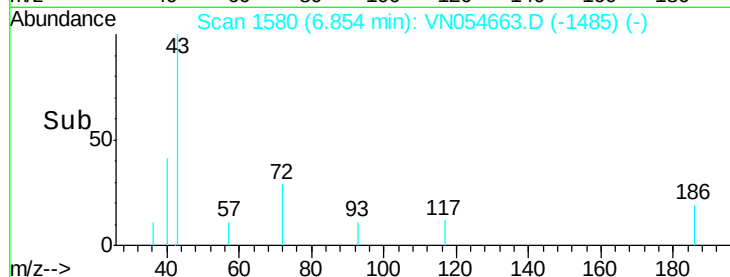
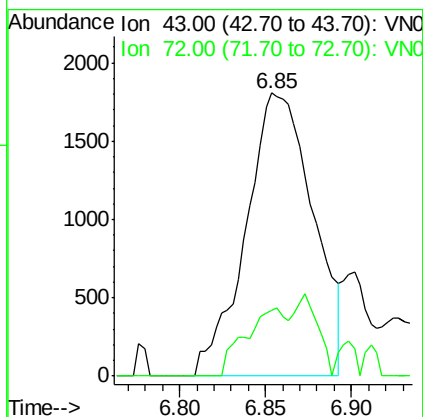
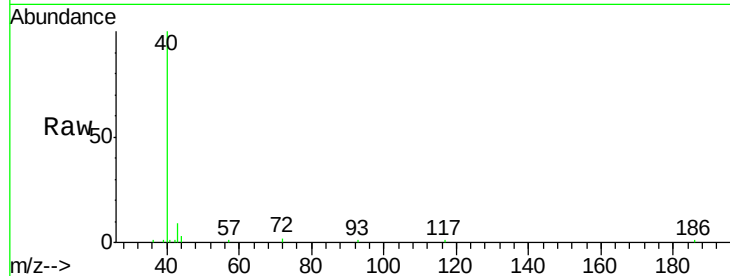




#25
 2-Butanone
 Concen: 1.847 ug/l
 RT: 6.85 min Scan# 1580
 Delta R.T. 0.01 min
 Lab File: VN054663.D
 Acq: 25 Mar 2019 11:02

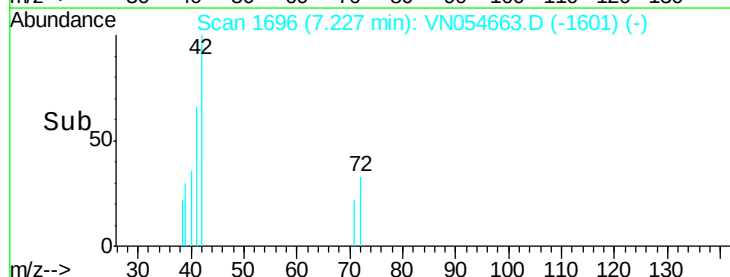
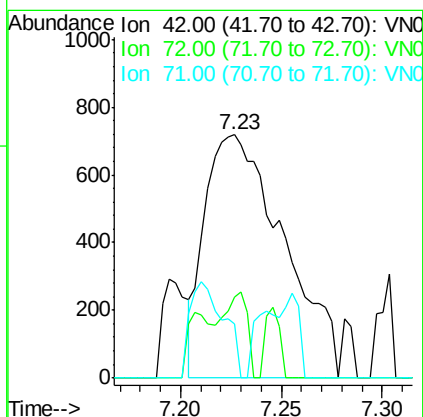
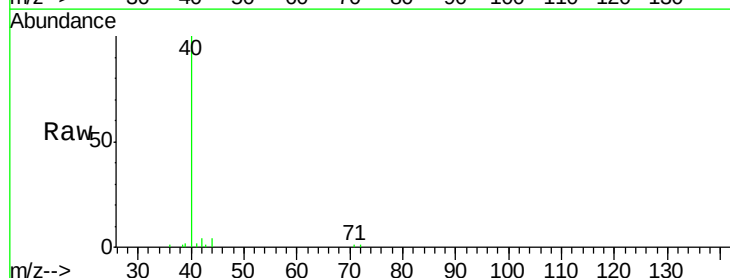
Instrument :
 MSVOA_N
 ClientSampleId :
 PB118163TB

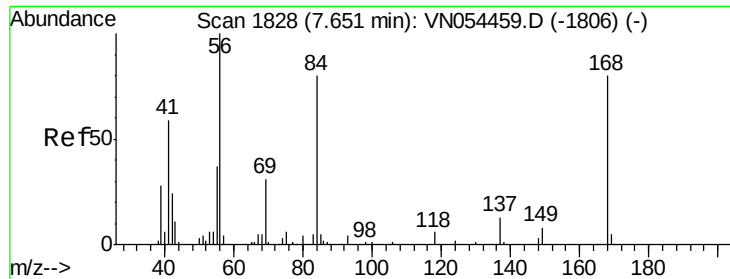
Tot Ion: 43 Resp: 4910
 Ion Ratio Lower Upper
 43 100
 72 23.5 23.0 34.6



#29
 Tetrahydrofuran
 Concen: 1.129 ug/l
 RT: 7.23 min Scan# 1696
 Delta R.T. 0.01 min
 Lab File: VN054663.D
 Acq: 25 Mar 2019 11:02

Tgt Ion: 42 Resp: 1948
 Ion Ratio Lower Upper
 42 100
 72 10.6 37.8 56.6#
 71 0.0 36.2 54.2#





#31

Cyclohexane

Concen: Below Cal

RT: 7.66 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN054663.D

Acq: 25 Mar 2019 11:02

Instrument :

MSVOA_N

ClientSampleId :

PB118163TB

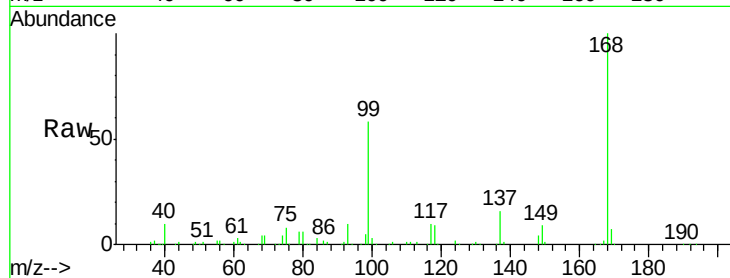
Tot Ion: 56 Resp: 12043

Ion Ratio Lower Upper

56 100

69 164.8 27.8 41.6#

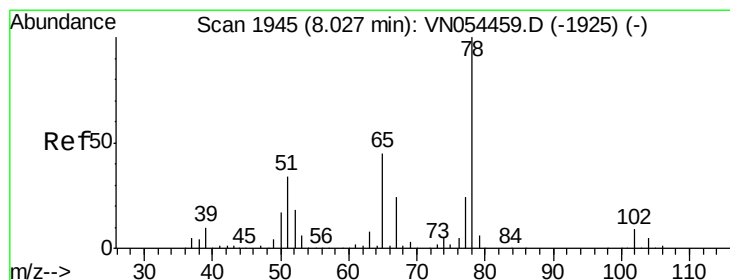
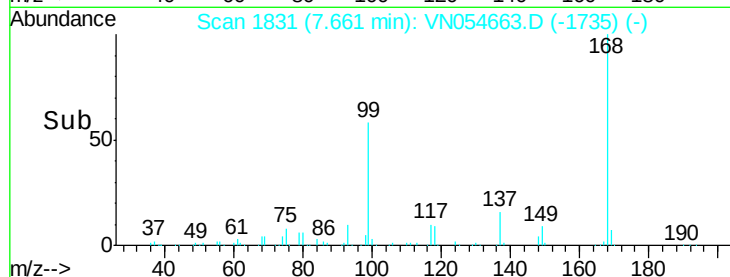
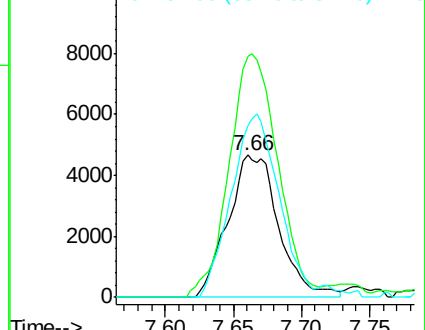
84 120.5 74.6 111.8#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 53.678 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054663.D

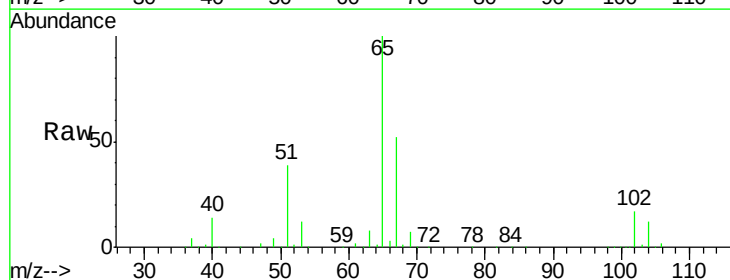
Acq: 25 Mar 2019 11:02

Tgt Ion: 65 Resp: 370459

Ion Ratio Lower Upper

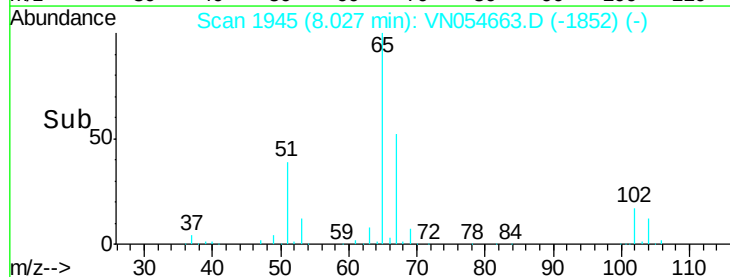
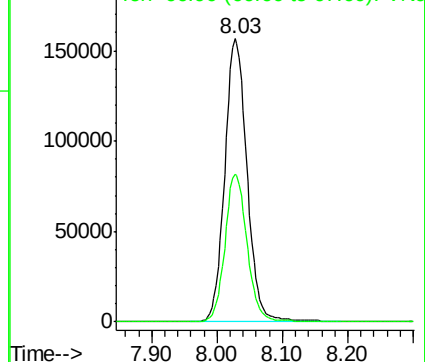
65 100

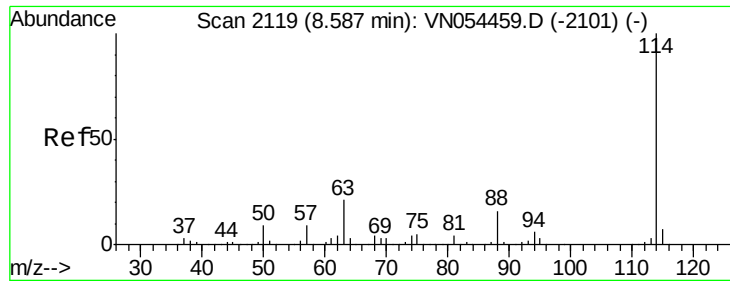
67 51.6 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

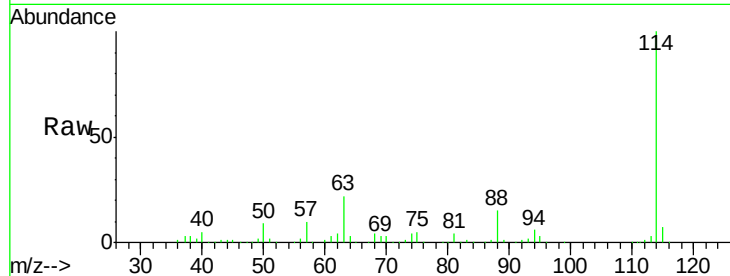




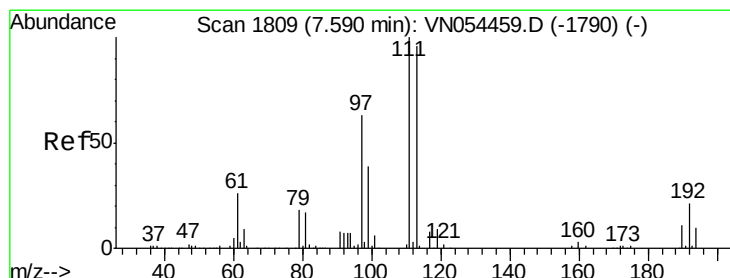
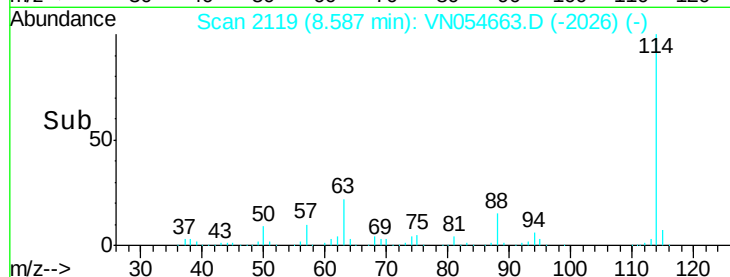
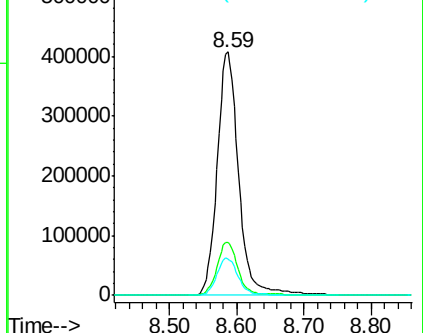
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN054663.D
Acq: 25 Mar 2019 11:02

Instrument :
MSVOA_N
ClientSampleId :
PB118163TB

Tot Ion:114 Resp: 910481
Ion Ratio Lower Upper
114 100
63 22.0 0.0 35.2
88 15.1 0.0 30.2

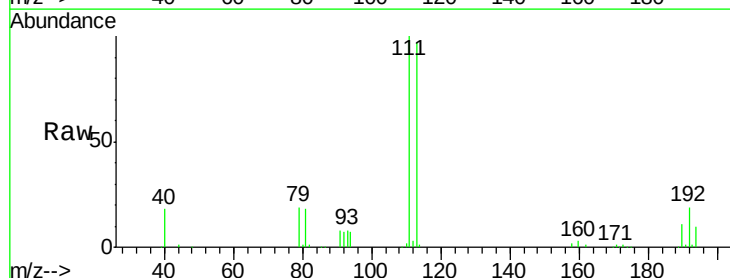


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

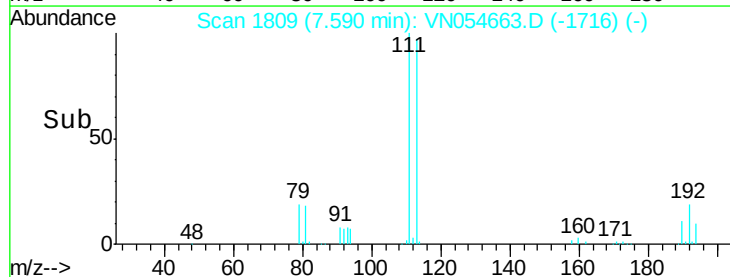
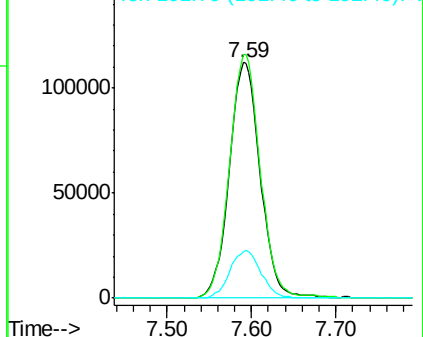


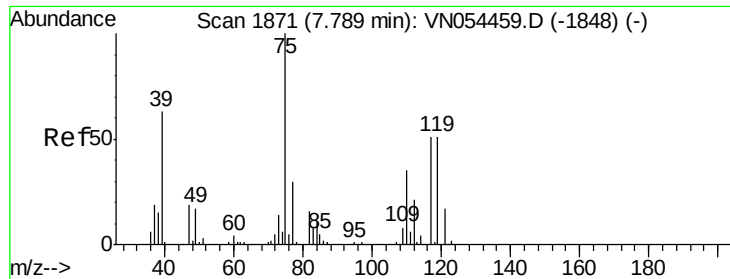
#35
Dibromofluoromethane
Concen: 48.672 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN054663.D
Acq: 25 Mar 2019 11:02

Tgt Ion:113 Resp: 285499
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 20.5 19.2 28.8



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

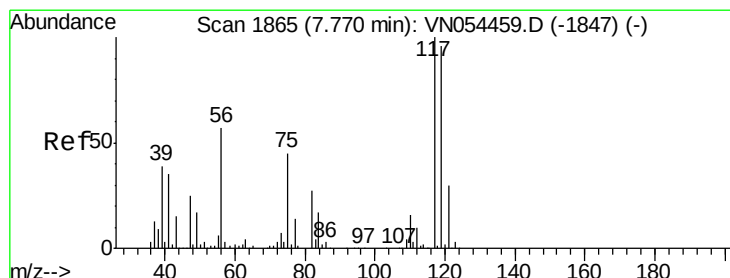
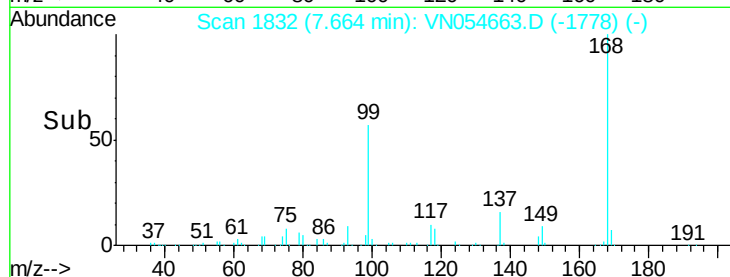
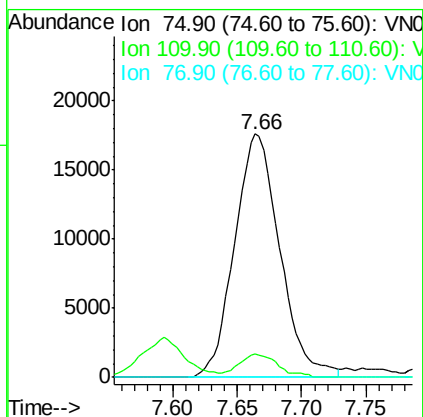
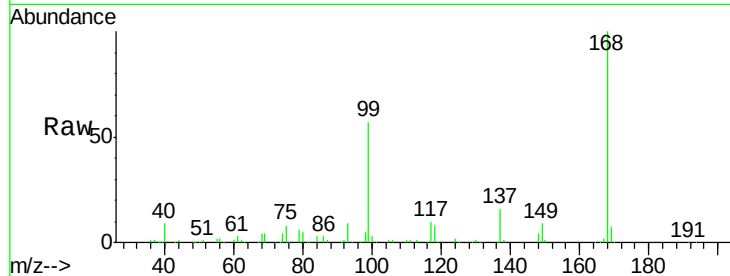




#36
 1,1-Dichloropropene
 Concen: 5.054 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN054663.D
 Acq: 25 Mar 2019 11:02

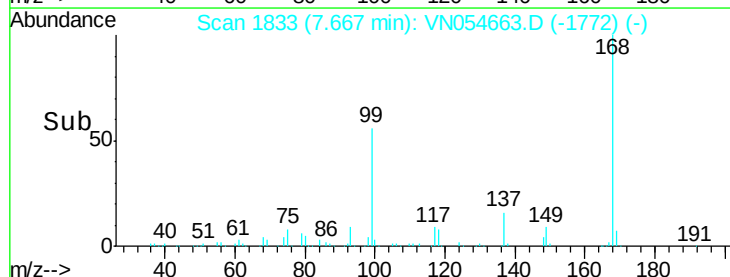
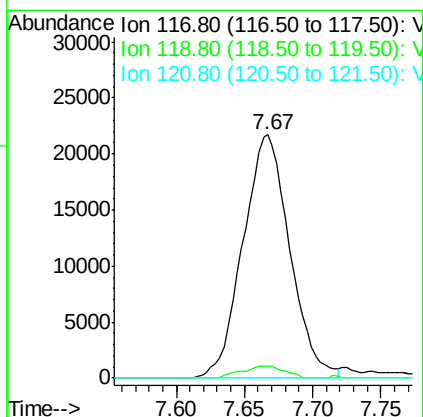
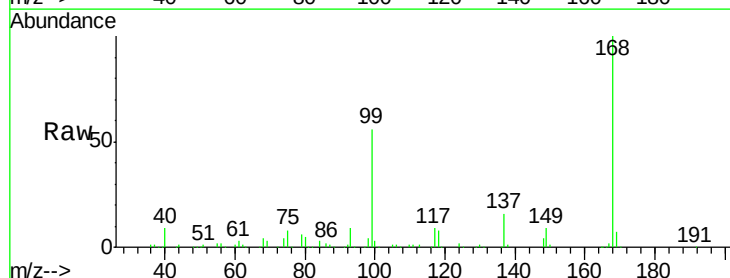
Instrument :
 MSVOA_N
 ClientSampleId :
 PB118163TB

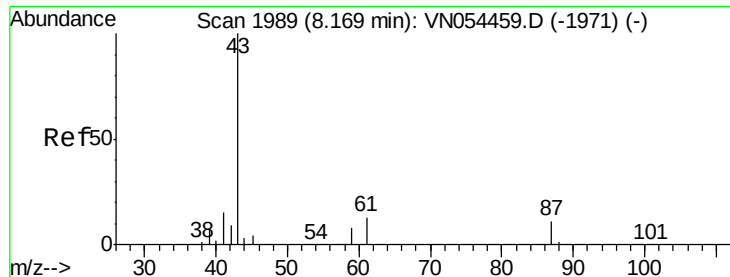
Tot Ion: 75 Resp: 43027
 Ion Ratio Lower Upper
 75 100
 110 8.4 19.1 57.5#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.255 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.10 min
 Lab File: VN054663.D
 Acq: 25 Mar 2019 11:02

Tgt Ion: 117 Resp: 51744
 Ion Ratio Lower Upper
 117 100
 119 4.7 76.3 114.5#
 121 0.0 24.6 36.8#





#43

Isopropyl Acetate

Concen: 1.938 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN054663.D

Acq: 25 Mar 2019 11:02

Instrument :

MSVOA_N

ClientSampled :

PB118163TB

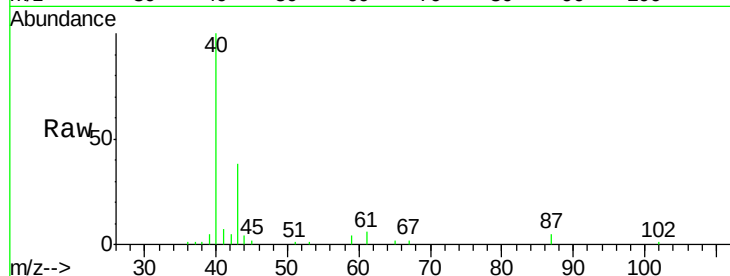
Tot Ion: 43 Resp: 19814

Ion Ratio Lower Upper

43 100

61 17.9 15.8 23.8

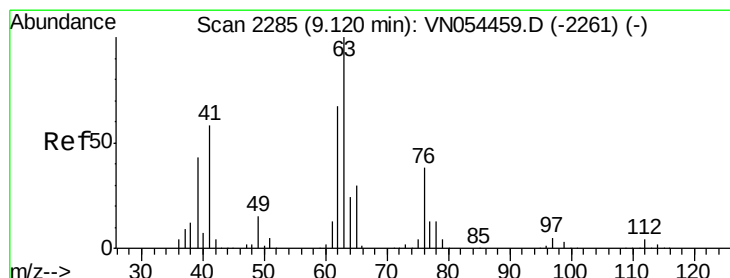
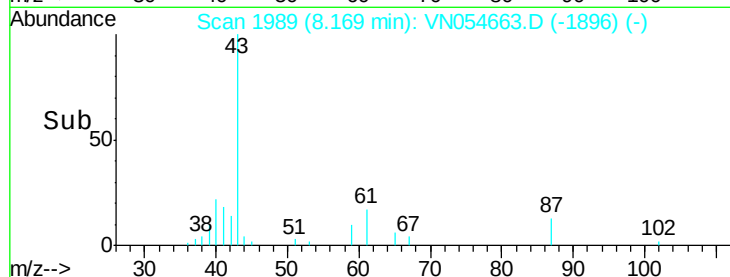
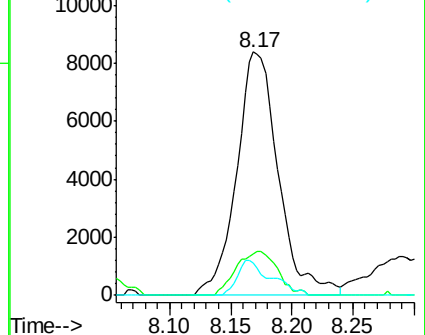
87 11.8 12.0 18.0#



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: 0.256 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.15 min

Lab File: VN054663.D

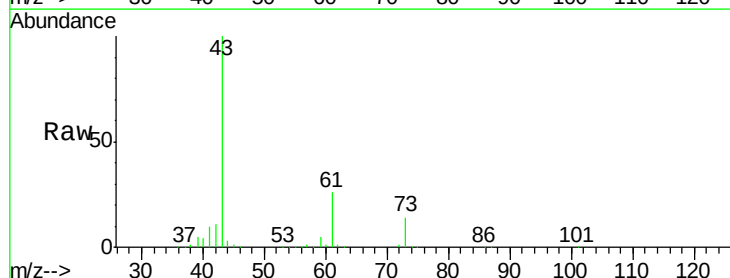
Acq: 25 Mar 2019 11:02

Tgt Ion: 63 Resp: 1672

Ion Ratio Lower Upper

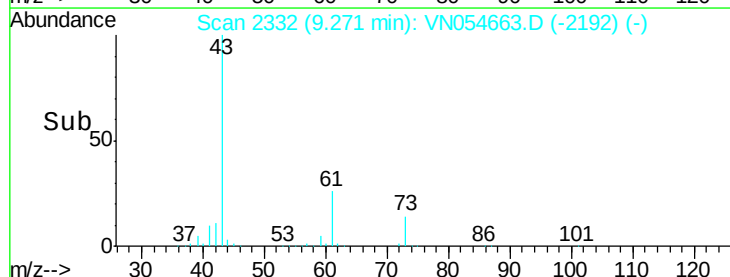
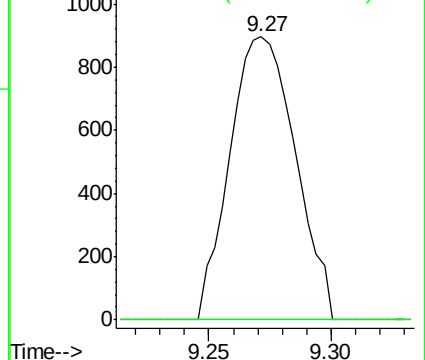
63 100

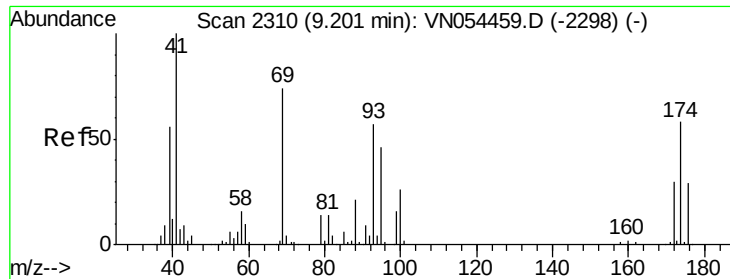
65 0.0 25.0 37.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

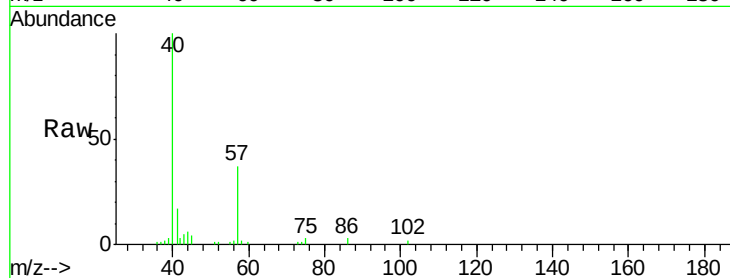




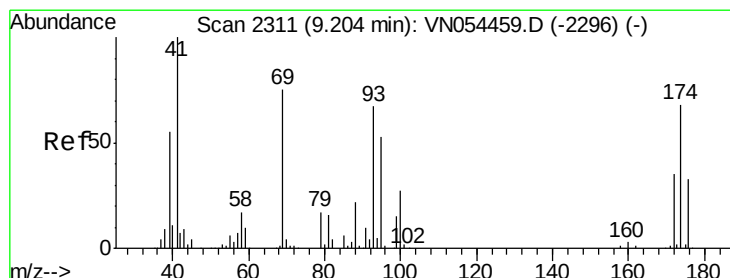
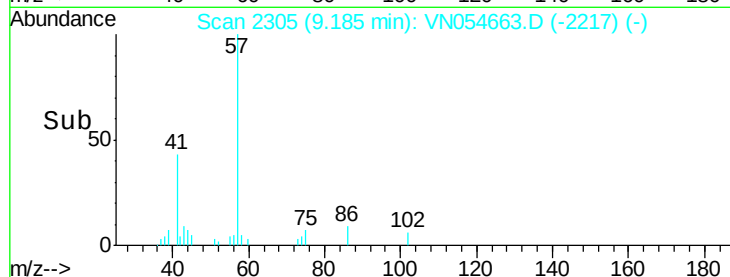
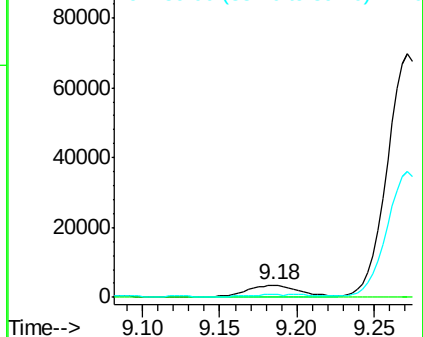
#48
Methvl methacrylate
Concen: 1.520 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN054663.D
Acq: 25 Mar 2019 11:02

Instrument :
MSVOA_N
ClientSampled :
PB118163TB

Tot Ion: 41 Resp: 8435
Ion Ratio Lower Upper
41 100
69 0.0 72.6 108.8#
39 0.0 47.5 71.3#

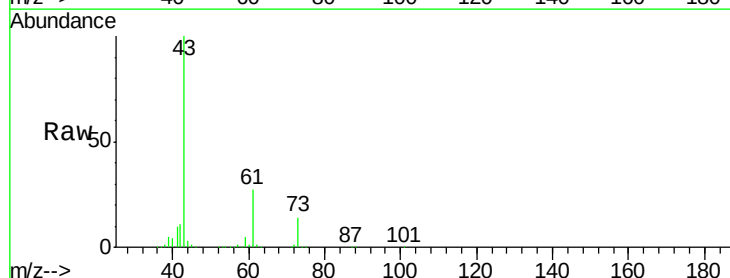


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

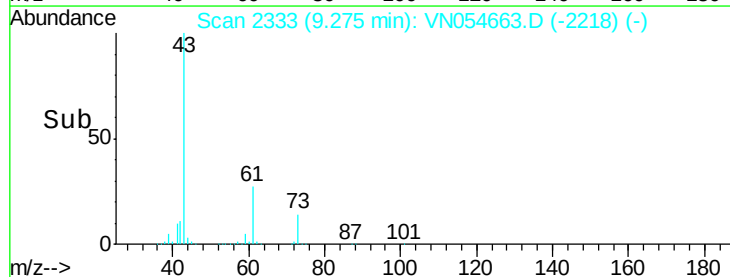
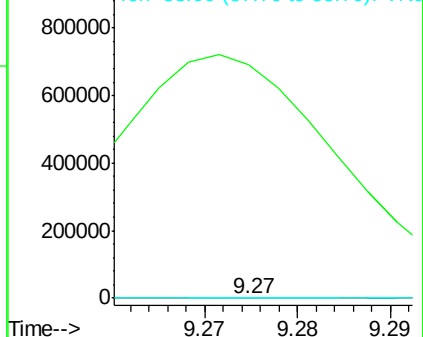


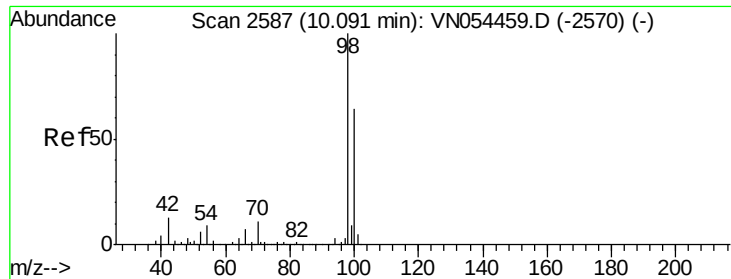
#49
1,4-Dioxane
Concen: 0.951 ug/l
RT: 9.27 min Scan# 2333
Delta R.T. 0.07 min
Lab File: VN054663.D
Acq: 25 Mar 2019 11:02

Tgt Ion: 88 Resp: 59
Ion Ratio Lower Upper
88 100
43 2359813.6 24.1 36.1#
58 10018.6 50.8 76.2#



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

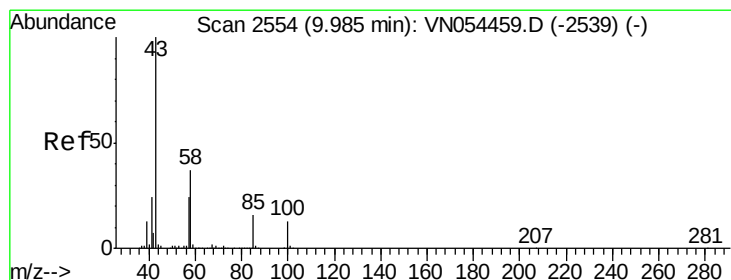
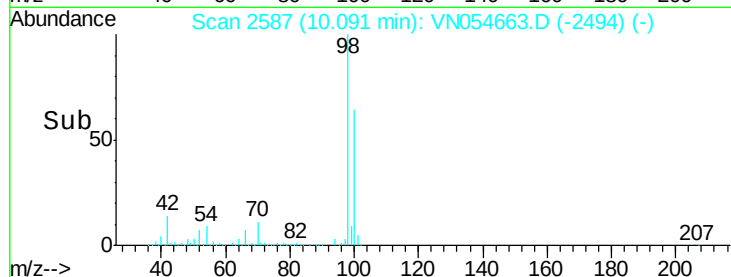
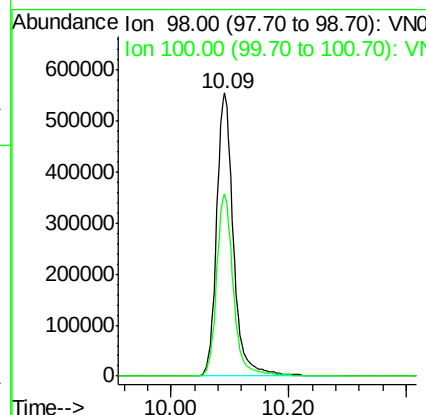
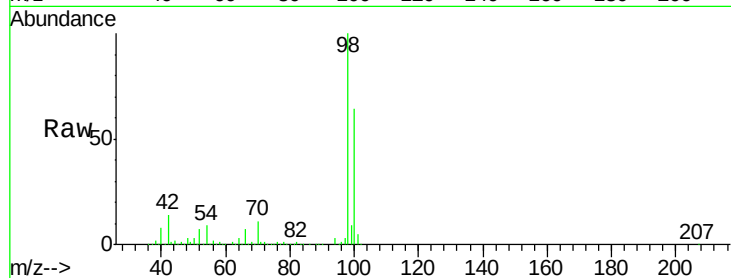




#50
Toluene-d8
Concen: 49.861 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN054663.D
Acq: 25 Mar 2019 11:02

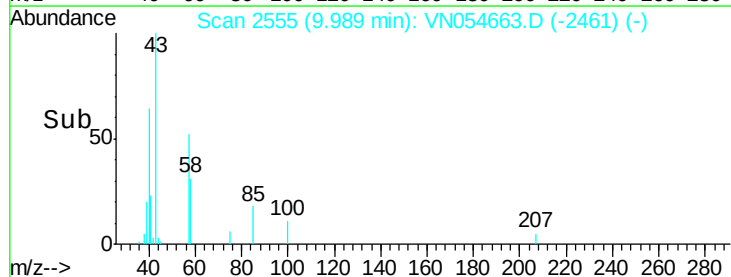
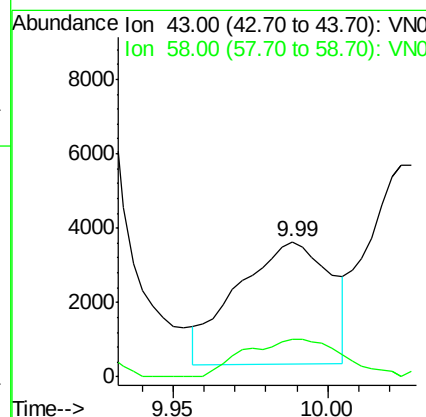
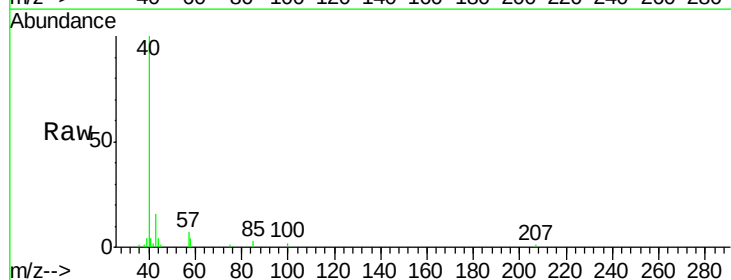
Instrument :
MSVOA_N
ClientSampled :
PB118163TB

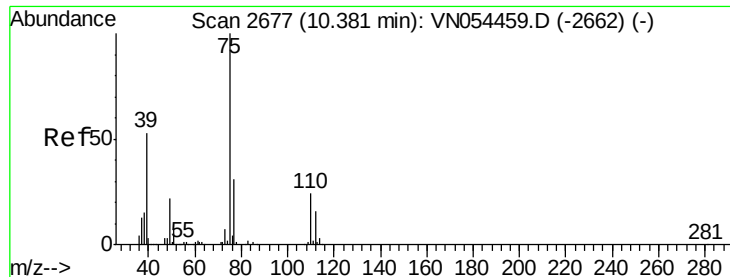
Tot Ion: 98 Resp: 1099520
Ion Ratio Lower Upper
98 100
100 63.9 51.2 76.8



#51
4-Methyl-2-Pentanone
Concen: 1.227 ug/l
RT: 9.99 min Scan# 2555
Delta R.T. 0.00 min
Lab File: VN054663.D
Acq: 25 Mar 2019 11:02

Tgt Ion: 43 Resp: 6952
Ion Ratio Lower Upper
43 100
58 32.8 31.8 47.6





#53

t-1,3-Dichloropropene

Concen: 2.235 ug/l

RT: 10.28 min Scan# 2647

Delta R.T. -0.10 min

Lab File: VN054663.D

Acq: 25 Mar 2019 11:02

Instrument :

MSVOA_N

ClientSampled :

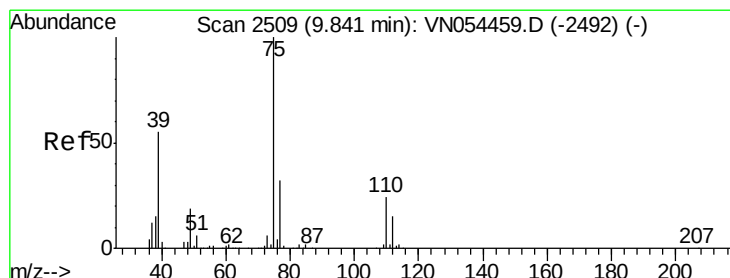
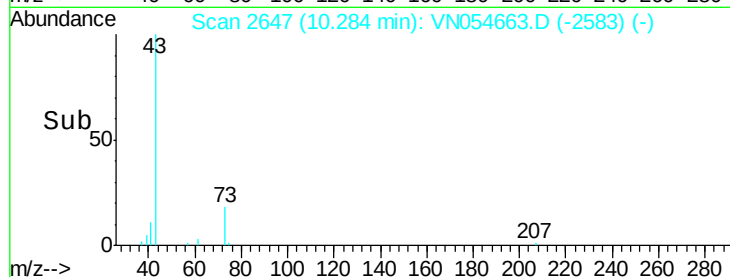
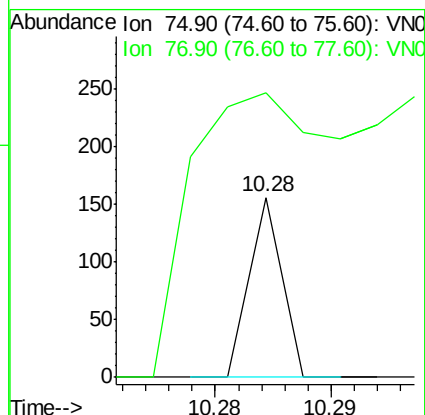
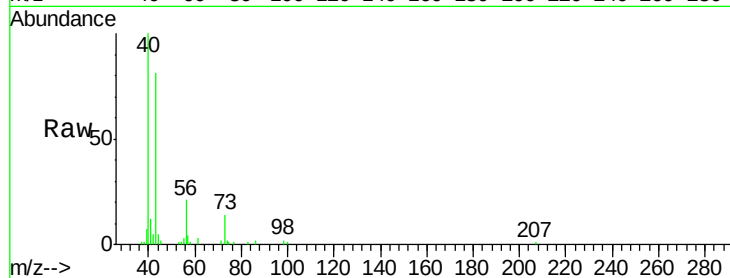
PB118163TB

Tot Ion: 75 Resp: 30

Ion Ratio Lower Upper

75 100

77 35.9 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 5.622 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN054663.D

Acq: 25 Mar 2019 11:02

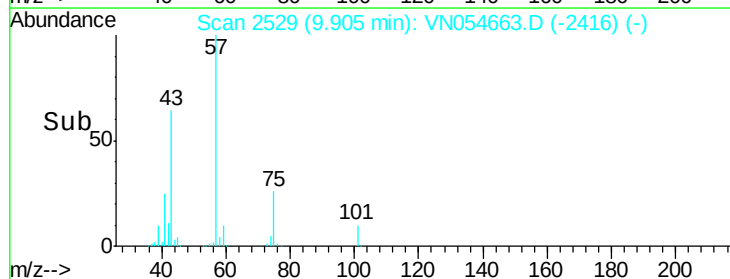
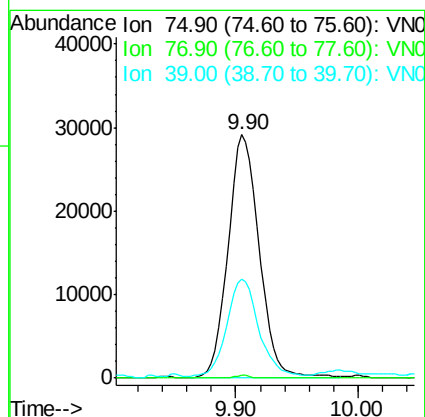
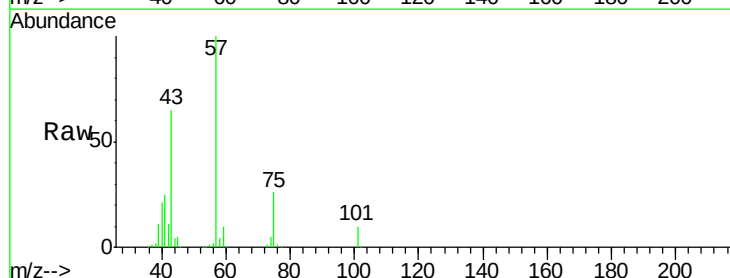
Tgt Ion: 75 Resp: 52174

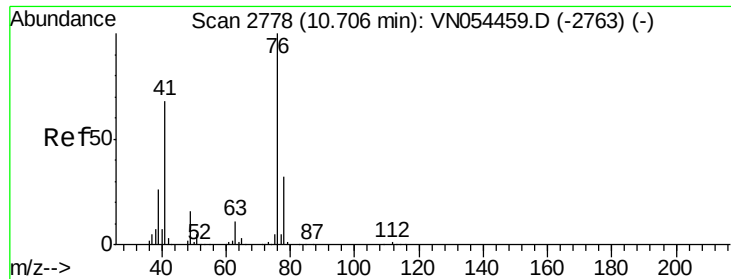
Ion Ratio Lower Upper

75 100

77 1.1 25.4 38.0#

39 39.7 37.2 55.8

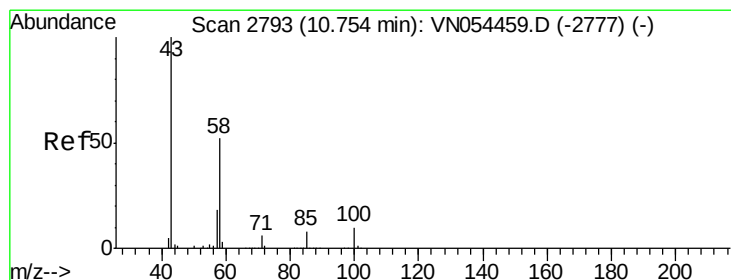
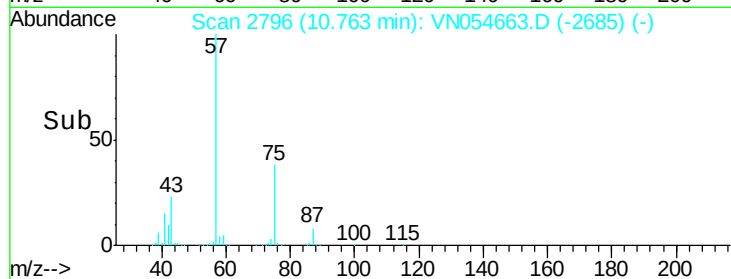
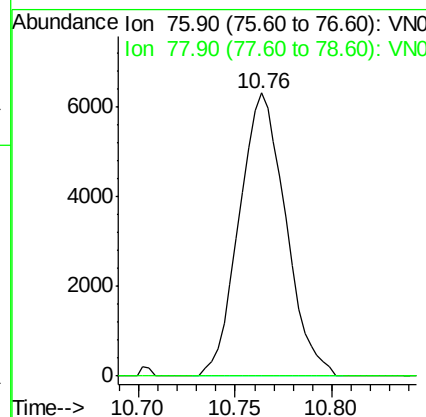
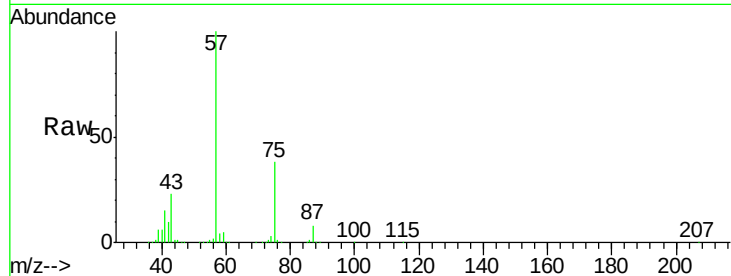




#57
 1,3-Dichloropropane
 Concen: 1.127 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN054663.D
 Acq: 25 Mar 2019 11:02

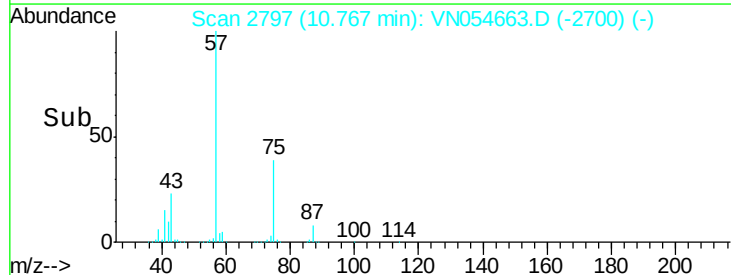
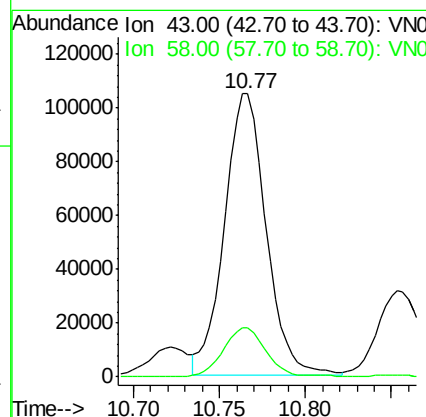
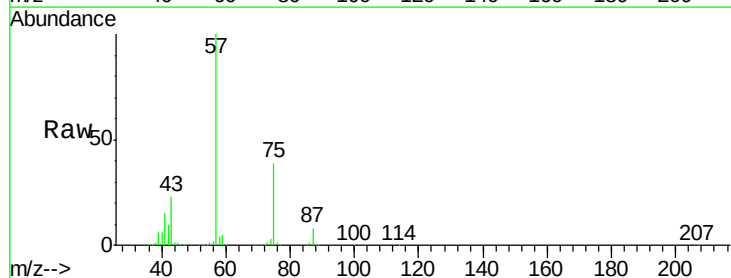
Instrument :
 MSVOA_N
 ClientSampled :
 PB118163TB

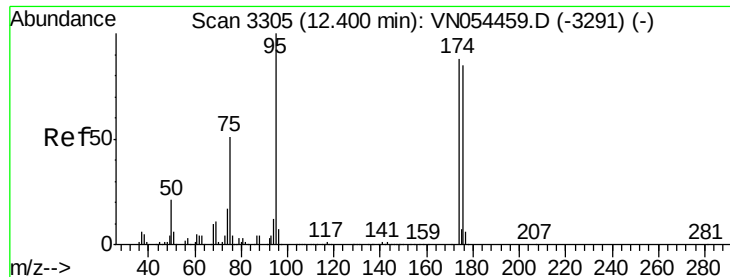
Tot Ion: 76 Resp: 10542
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#



#59
 2-Hexanone
 Concen: 47.975 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.01 min
 Lab File: VN054663.D
 Acq: 25 Mar 2019 11:02

Tgt Ion: 43 Resp: 177590
 Ion Ratio Lower Upper
 43 100
 58 18.1 28.0 83.9#





#62

4-Bromofluorobenzene

Concen: 45.898 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054663.D

Acq: 25 Mar 2019 11:02

Instrument :

MSVOA_N

ClientSampled :

PB118163TB

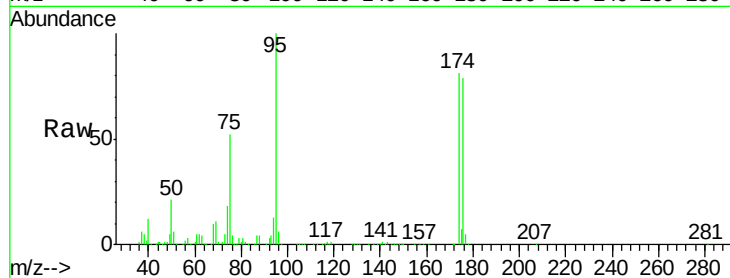
Tot Ion: 95 Resp: 344412

Ion Ratio Lower Upper

95 100

174 83.0 0.0 191.0

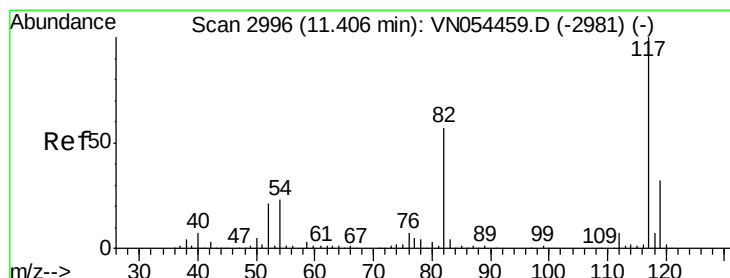
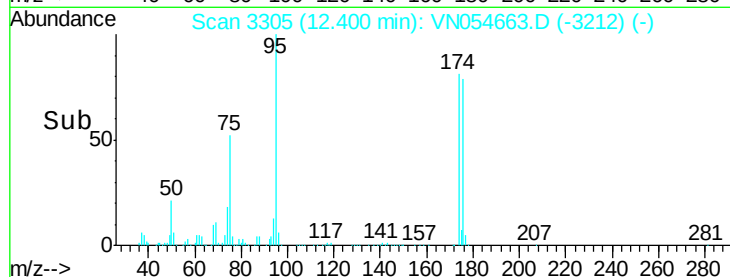
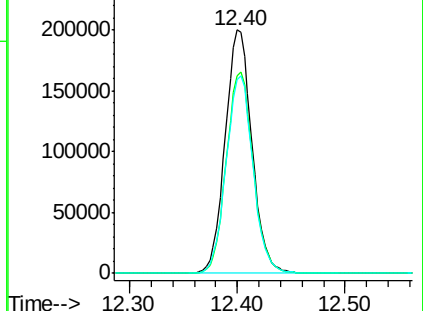
176 81.5 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054459.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN054459.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054459.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054663.D

Acq: 25 Mar 2019 11:02

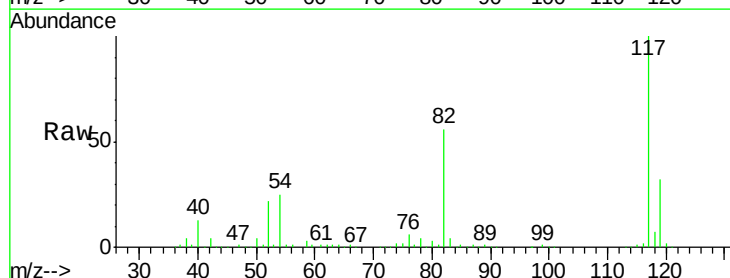
Tgt Ion: 117 Resp: 768877

Ion Ratio Lower Upper

117 100

82 56.2 40.0 60.0

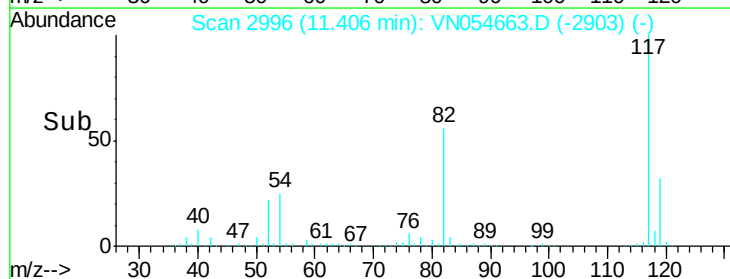
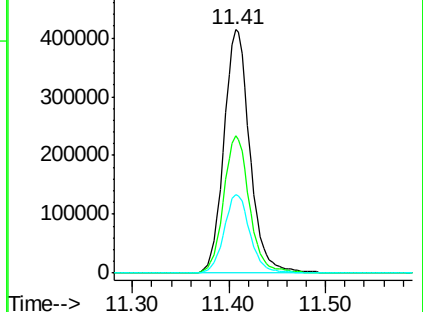
119 32.4 25.8 38.6

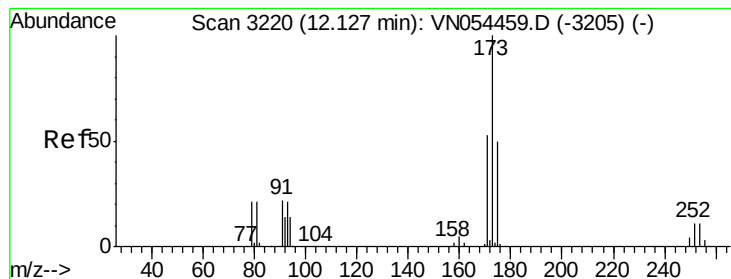


Abundance Ion 116.90 (116.60 to 117.60): VN054459.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN054459.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN054459.D (-2981) (-)





#71

Bromoform

Concen: 2.409 ug/l

RT: 12.39 min Scan# 3302

Delta R.T. 0.26 min

Lab File: VN054663.D

Acq: 25 Mar 2019 11:02

Instrument :

MSVOA_N

ClientSampleId :

PB118163TB

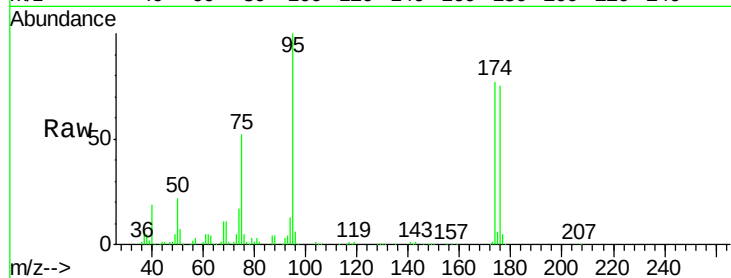
Tot Ion:173 Resp: 762

Ion Ratio Lower Upper

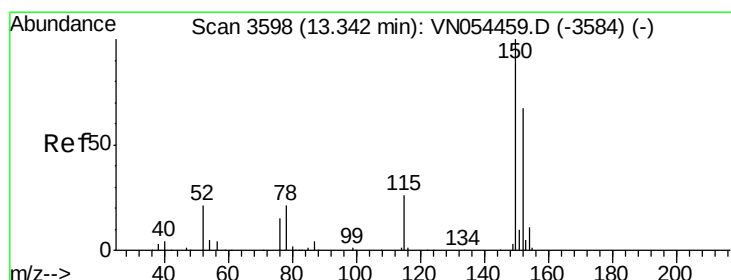
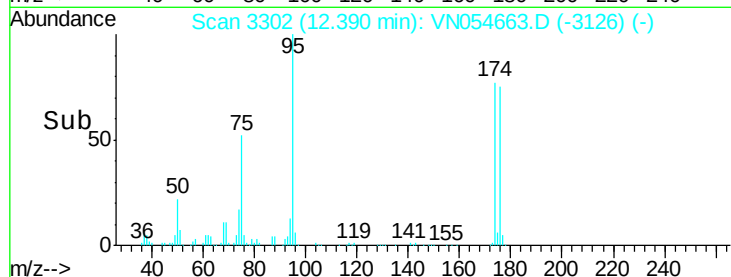
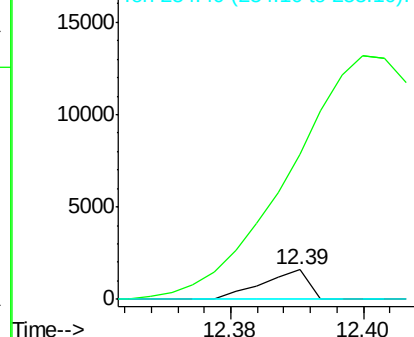
173 100

175 2541.5 24.4 73.2#

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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054663.D

Acq: 25 Mar 2019 11:02

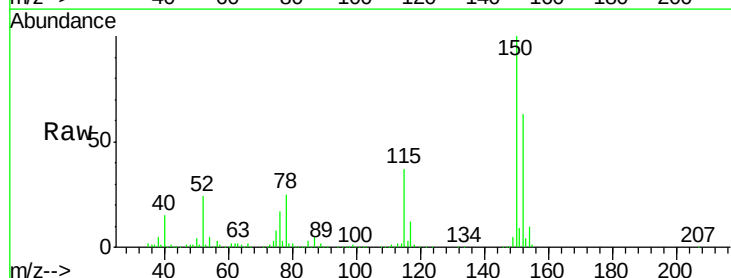
Tgt Ion:152 Resp: 285318

Ion Ratio Lower Upper

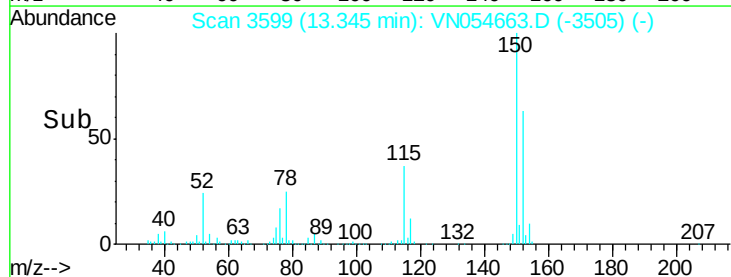
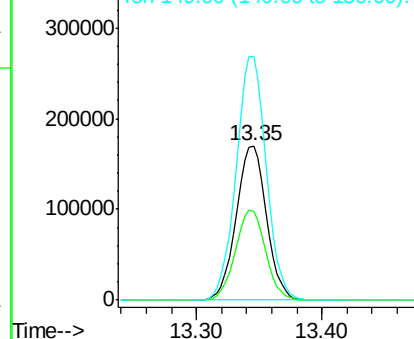
152 100

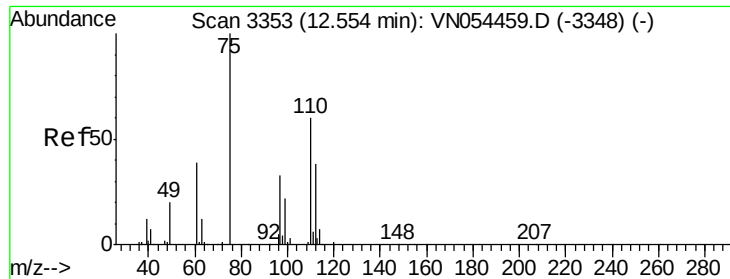
115 58.0 27.2 81.6

150 156.7 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 39.493 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054663.D

Acq: 25 Mar 2019 11:02

Instrument :

MSVOA_N

ClientSampled :

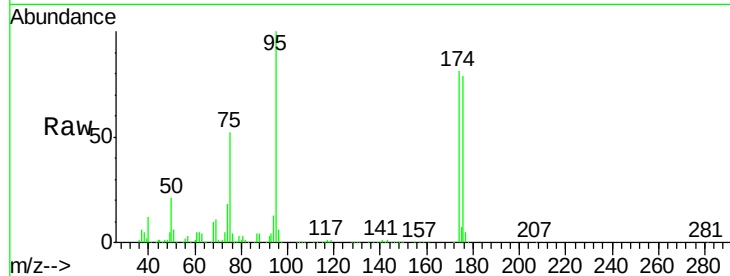
PB118163TB

Tot Ion: 75 Resp: 178806

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN054459.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN054459.D (-3348) (-)

120000

100000

80000

60000

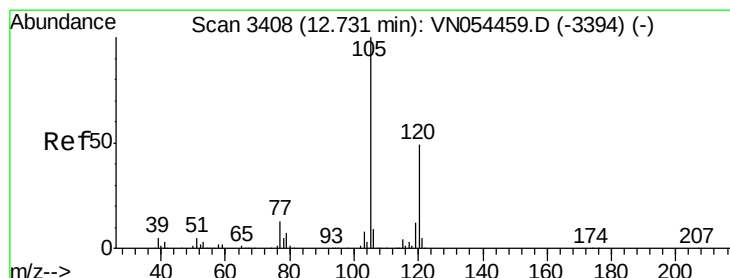
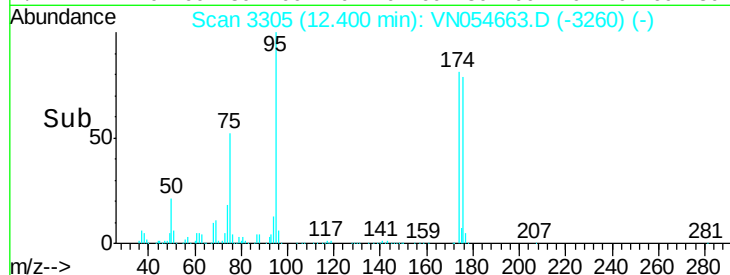
40000

20000

0

12.30 12.40 12.50

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.304 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054663.D

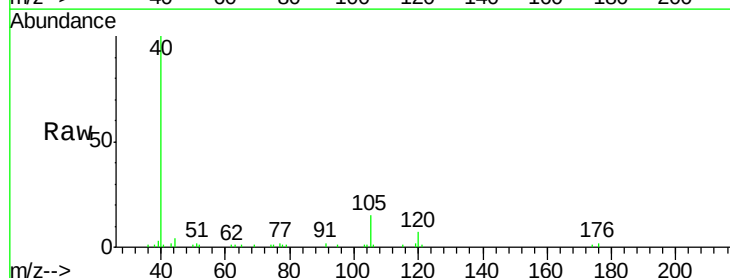
Acq: 25 Mar 2019 11:02

Tgt Ion: 105 Resp: 5736

Ion Ratio Lower Upper

105 100

120 51.9 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VN054459.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN054459.D (-3394) (-)

4000

3000

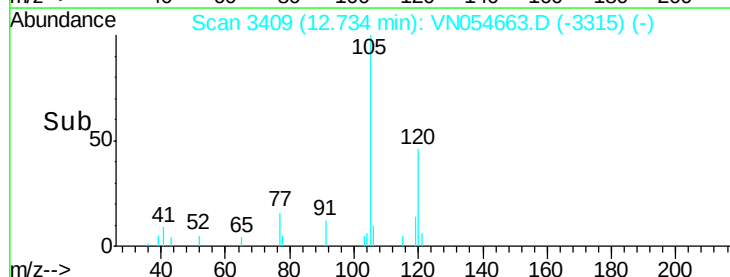
2000

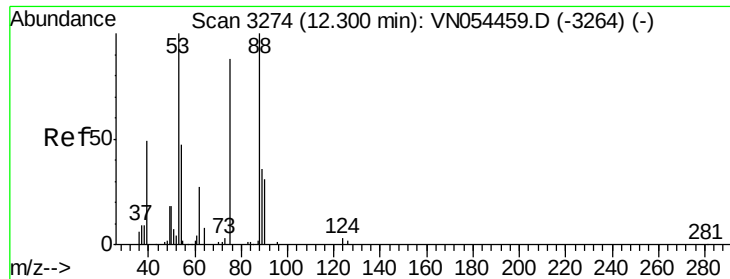
1000

0

12.70 12.75

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 130.681 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054663.D

Acq: 25 Mar 2019 11:02

Instrument :

MSVOA_N

ClientSampled :

PB118163TB

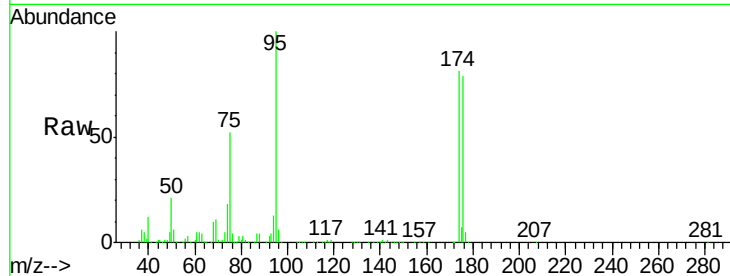
Tot Ion: 75 Resp: 178806

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

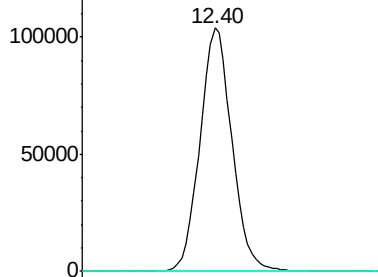
89 0.0 39.2 58.8#



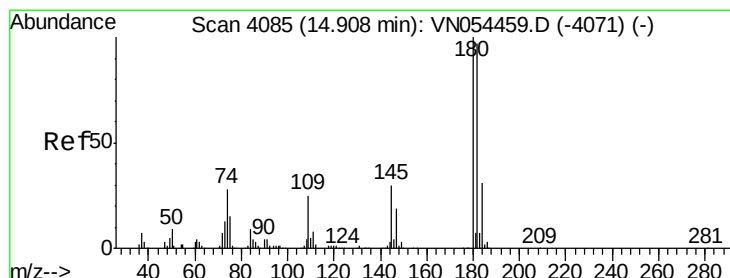
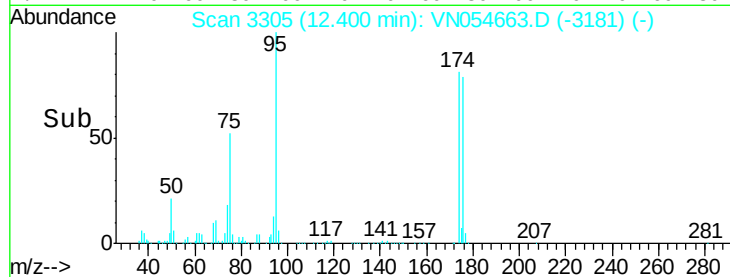
Abundance Ion 74.90 (74.60 to 75.60): VN054459.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN054459.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN054459.D (-3264) (-)



Time--> 12.30 12.40 12.50



#93

1,2,4-Trichlorobenzene

Concen: 0.429 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. -0.00 min

Lab File: VN054663.D

Acq: 25 Mar 2019 11:02

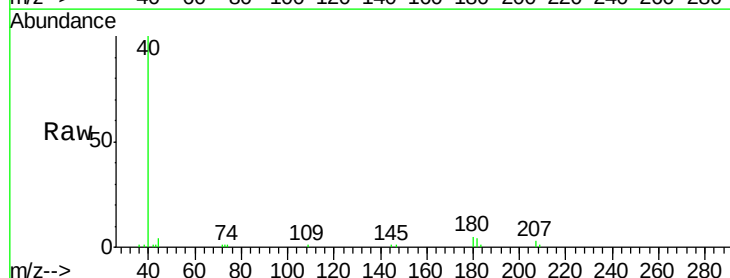
Tgt Ion:180 Resp: 1959

Ion Ratio Lower Upper

180 100

182 93.1 48.0 144.2

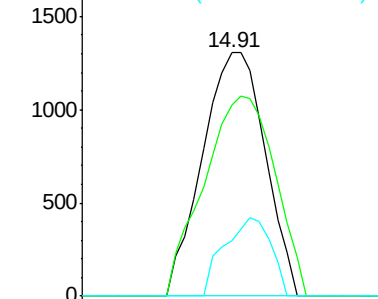
145 24.0 14.2 42.8



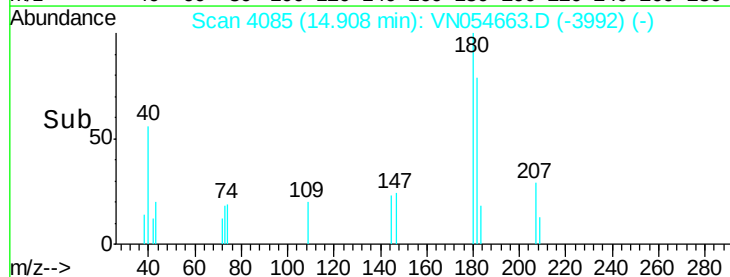
Abundance Ion 179.80 (179.50 to 180.50): VN054459.D (-4071) (-)

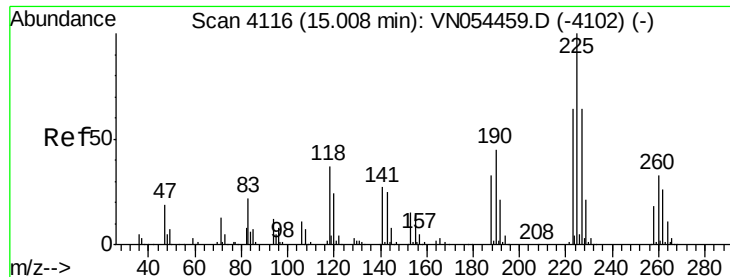
Ion 181.80 (181.50 to 182.50): VN054459.D (-4071) (-)

Ion 144.80 (144.50 to 145.50): VN054459.D (-4071) (-)



Time--> 14.90 14.95





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.00 min Scan# 4114

Delta R.T. -0.01 min

Lab File: VN054663.D

Acq: 25 Mar 2019 11:02

Instrument :

MSVOA_N

ClientSampled :

PB118163TB

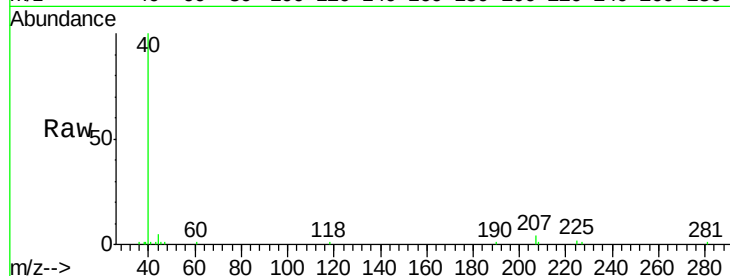
Tot Ion:225 Resp: 756

Ion Ratio Lower Upper

225 100

223 26.6 31.1 93.5#

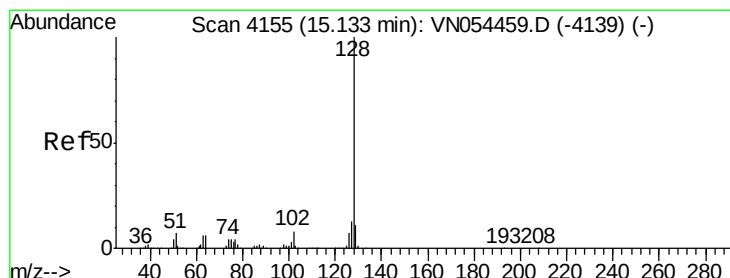
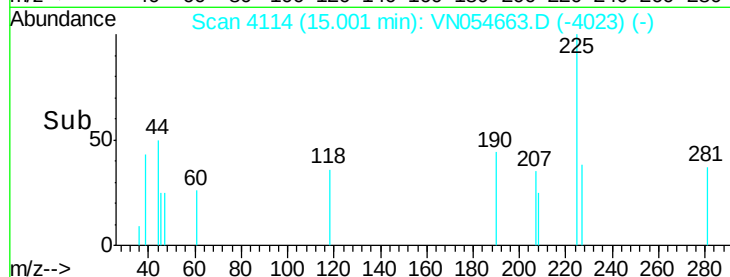
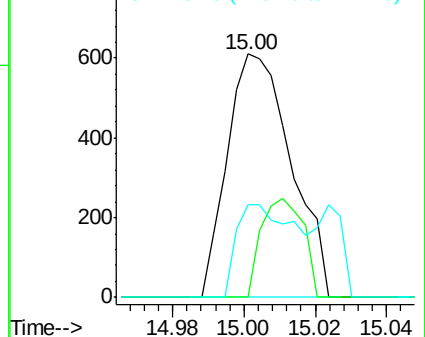
227 34.7 31.9 95.9



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 0.605 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN054663.D

Acq: 25 Mar 2019 11:02

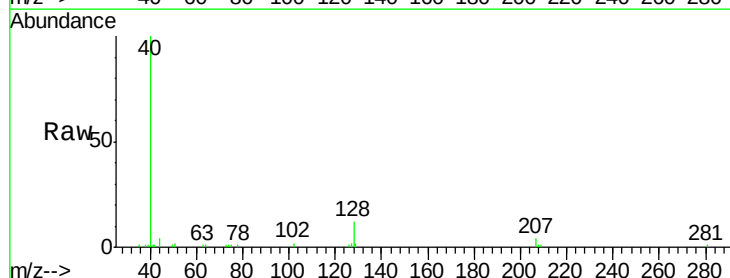
Tgt Ion:128 Resp: 6158

Ion Ratio Lower Upper

128 100

127 11.8 10.1 15.1

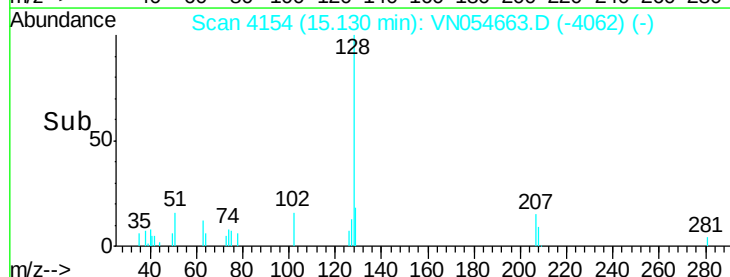
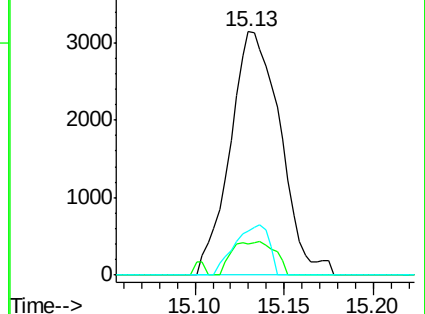
129 14.1 8.7 13.1#

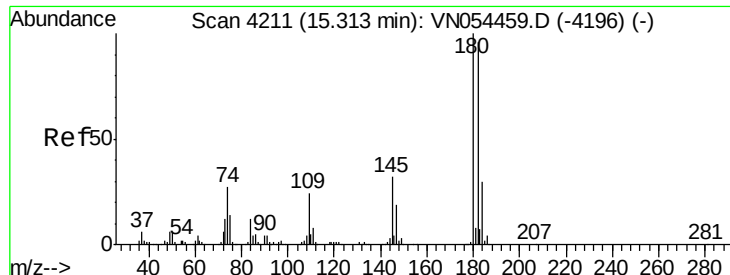


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

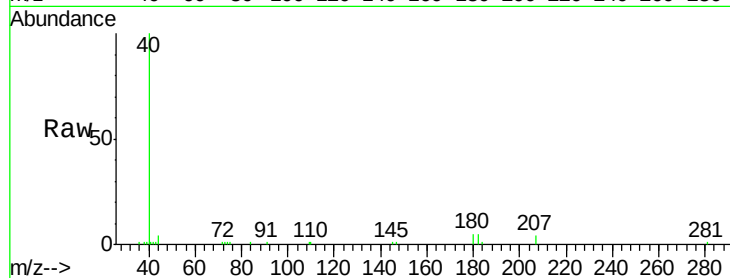




#96
 1,2,3-Trichlorobenzene
 Concen: 0.507 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN054663.D
 Acq: 25 Mar 2019 11:02

Instrument :
 MSVOA_N
 ClientSampleId :
 PB118163TB

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.6	47.5	142.6
145	27.5	14.8	44.3



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

