

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010819\
 Data File : VN053307.D
 Acq On : 8 Jan 2019 10:10
 Operator : MD\SY
 Sample : VN0108MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0108MBL01

Quant Time: Jan 09 00:06:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1027389	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1605639	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1486601	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	631100	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	517515	48.42	ug/l	0.00
Spiked Amount			Recovery	=	96.84%	
35) Dibromofluoromethane	7.59	113	452759	49.53	ug/l	0.00
Spiked Amount			Recovery	=	99.06%	
50) Toluene-d8	10.09	98	1970447	49.97	ug/l	0.00
Spiked Amount			Recovery	=	99.94%	
62) 4-Bromofluorobenzene	12.40	95	682166	49.42	ug/l	0.00
Spiked Amount			Recovery	=	98.84%	

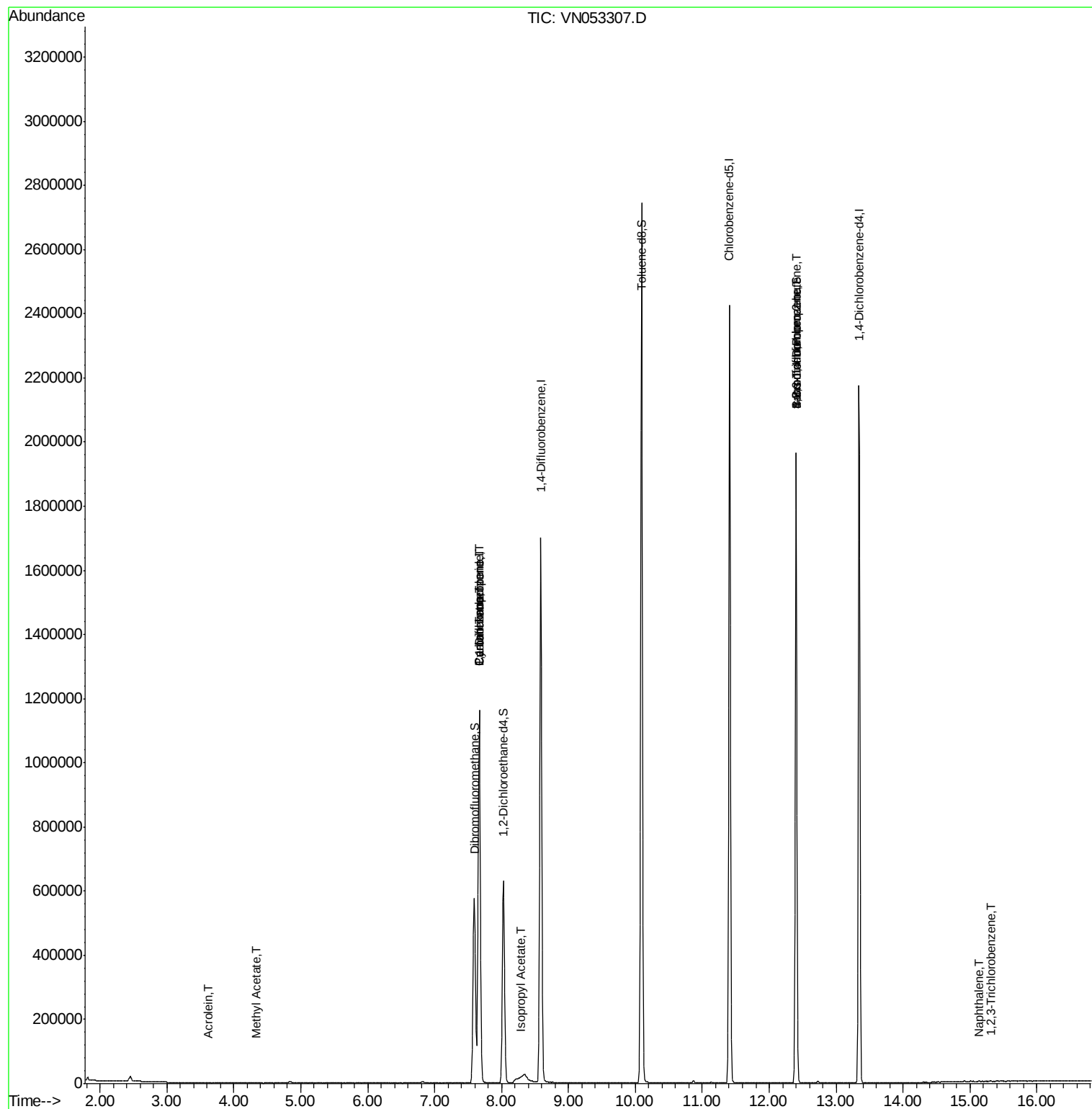
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.61	56	276	0.341	ug/l	92
16) Acetone	3.81	43	621	Below Cal	#	40
18) Methyl Acetate	4.33	43	2585	0.267	ug/l #	63
31) Cyclohexane	7.66	56	16219	0.697	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	66055	4.407	ug/l #	48
38) Carbon Tetrachloride	7.67	117	88316	6.383	ug/l #	16
43) Isopropyl Acetate	8.28	43	28392	1.478	ug/l #	52
71) Bromoform	12.40	173	4591	0.575	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	317495	34.492	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	317495	101.481	ug/l #	14
95) Naphthalene	15.13	128	2486	0.224	ug/l #	72
96) 1,2,3-Trichlorobenzene	15.32	180	985	0.231	ug/l	91

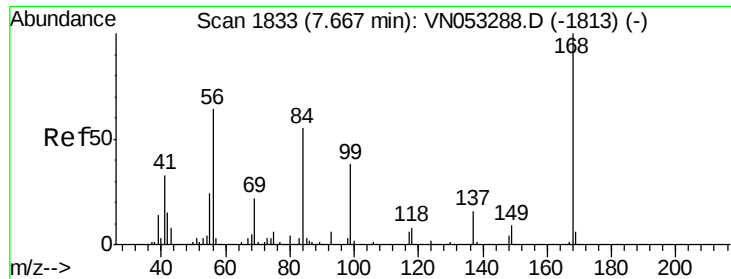
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN010819\
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Quant Title : SW846 8260
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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: VN053307.D

Acq: 8 Jan 2019 10:10

Instrument :

MSVOA_N

ClientSampleId :

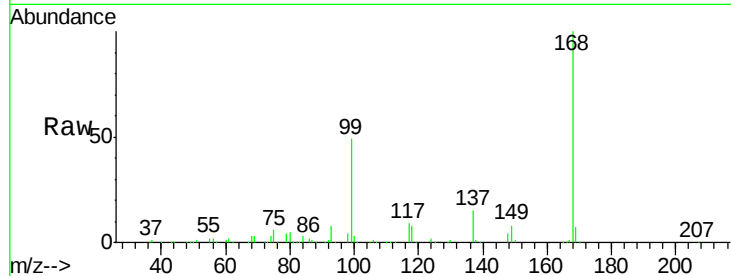
VN0108MBL01

Tot Ion:168 Resp: 1027389

Ion Ratio Lower Upper

168 100

99 48.9 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053288.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN053288.D (-1813) (-)

7.67

400000

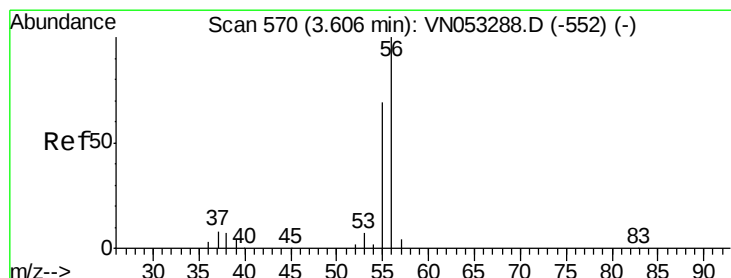
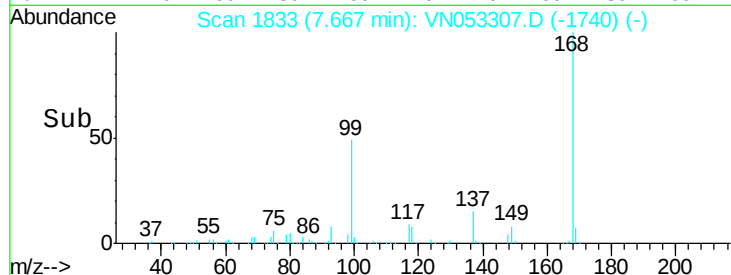
300000

200000

100000

0

Time-->



#13

Acrolein

Concen: 0.341 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN053307.D

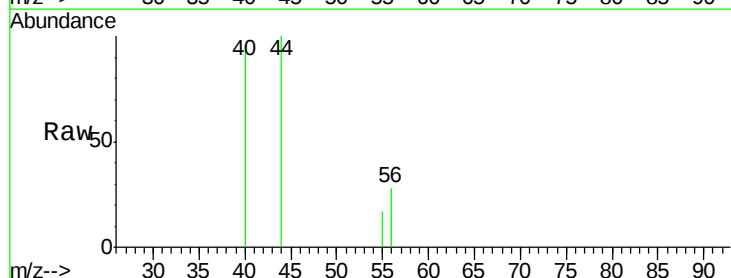
Acq: 8 Jan 2019 10:10

Tgt Ion: 56 Resp: 276

Ion Ratio Lower Upper

56 100

55 76.8 56.3 84.5



Abundance Ion 56.00 (55.70 to 56.70): VN053288.D (-552) (-)

Ion 55.00 (54.70 to 55.70): VN053288.D (-552) (-)

3.61

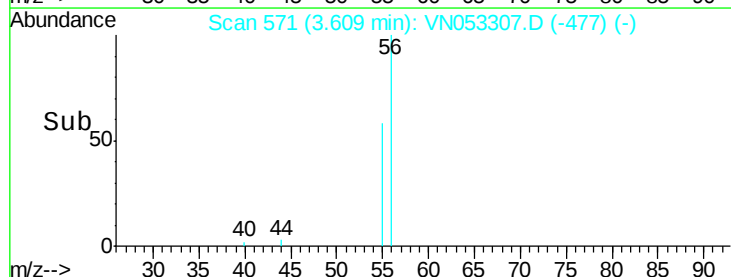
300

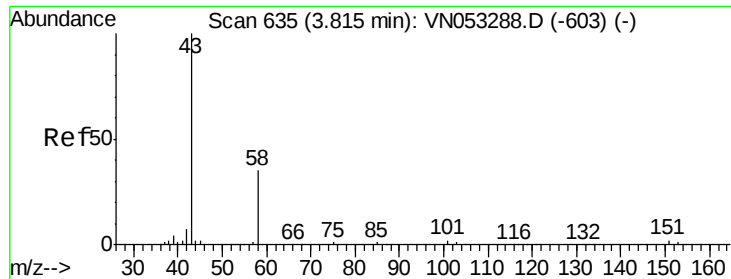
200

100

0

Time-->





#16

Acetone

Concen: Below Cal

RT: 3.81 min Scan# 633

Delta R.T. -0.01 min

Lab File: VN053307.D

Acq: 8 Jan 2019 10:10

Instrument :

MSVOA_N

ClientSampleId :

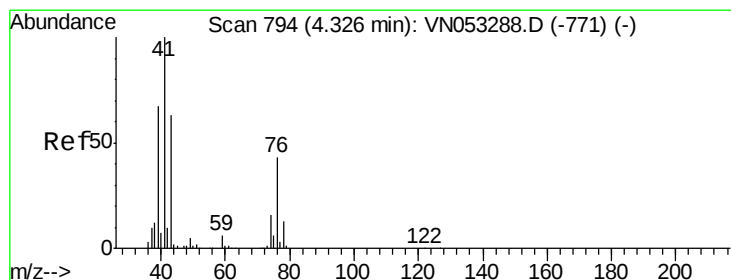
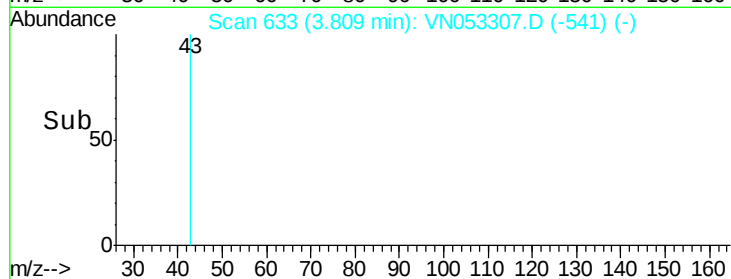
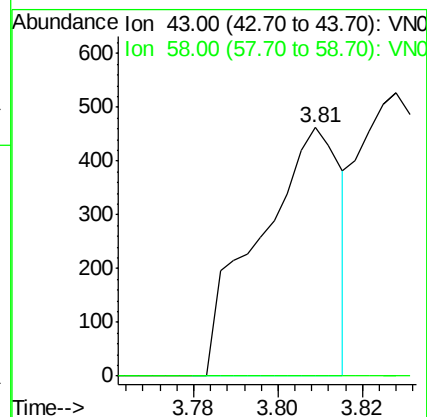
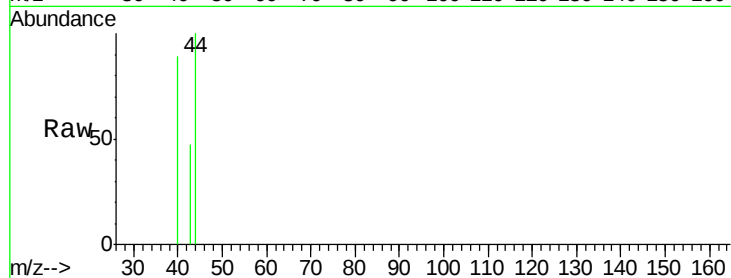
VN0108MBL01

Tot Ion: 43 Resp: 621

Ion Ratio Lower Upper

43 100

58 0.0 27.8 41.6#



#18

Methyl Acetate

Concen: 0.267 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN053307.D

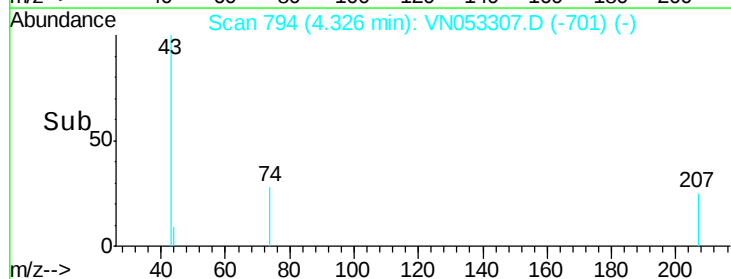
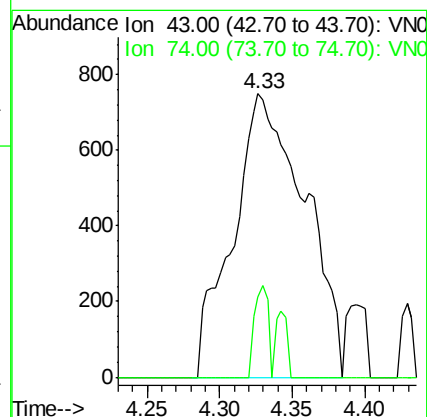
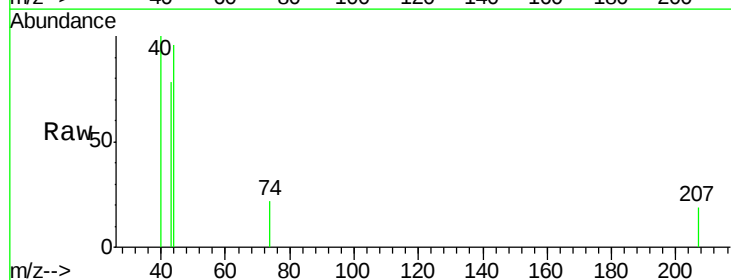
Acq: 8 Jan 2019 10:10

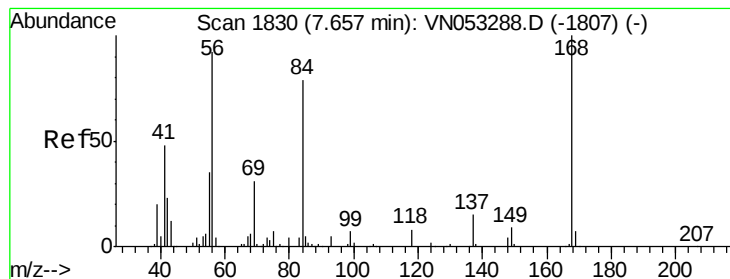
Tgt Ion: 43 Resp: 2585

Ion Ratio Lower Upper

43 100

74 6.1 19.8 29.8#





#31

Cyclohexane

Concen: 0.697 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN053307.D

Acq: 8 Jan 2019 10:10

Instrument :

MSVOA_N

ClientSampleId :

VN0108MBL01

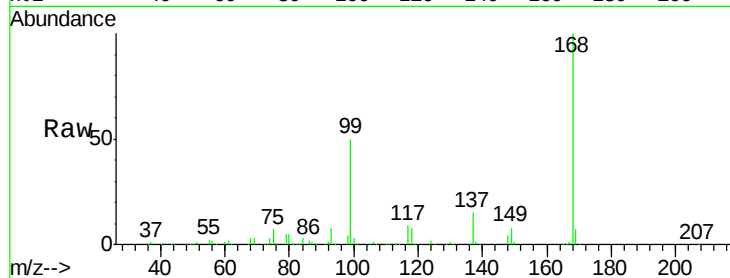
Tot Ion: 56 Resp: 16219

Ion Ratio Lower Upper

56 100

69 179.8 26.7 40.1#

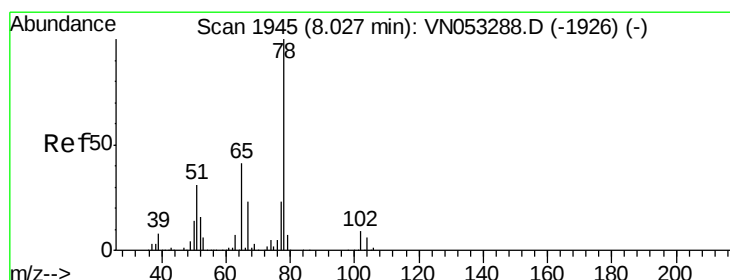
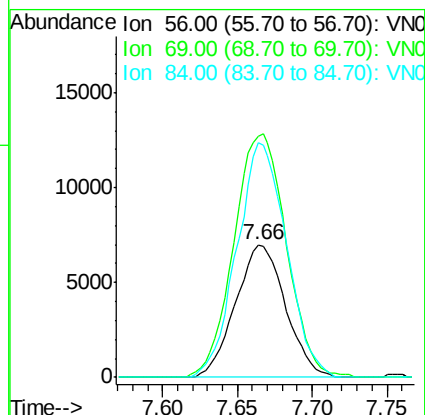
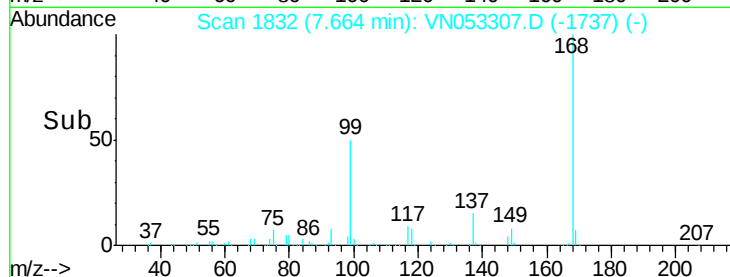
84 177.0 68.2 102.4#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053307.D

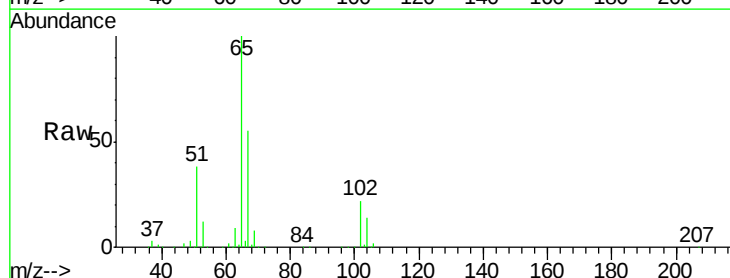
Acq: 8 Jan 2019 10:10

Tgt Ion: 65 Resp: 517515

Ion Ratio Lower Upper

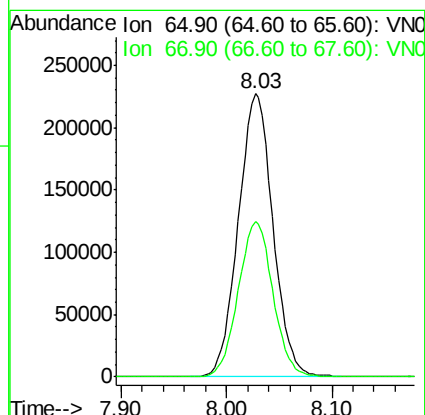
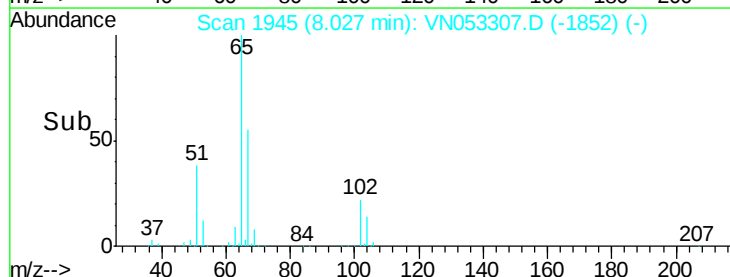
65 100

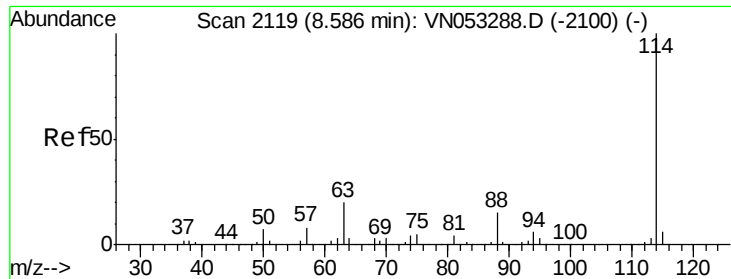
67 55.0 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

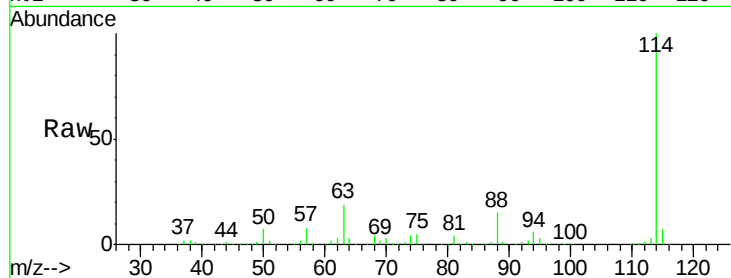




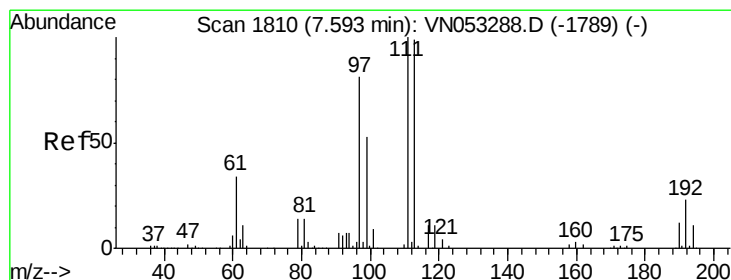
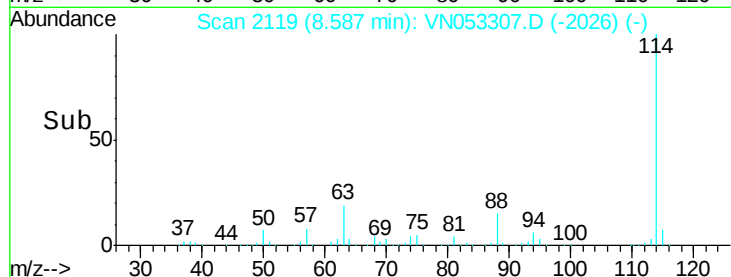
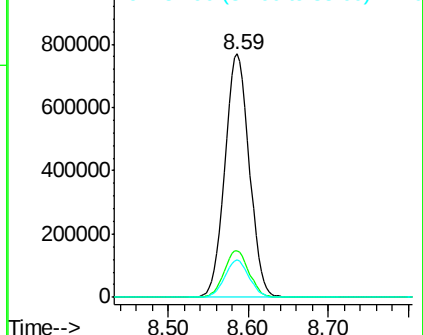
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053307.D
 Acq: 8 Jan 2019 10:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0108MBL01

Tot Ion:114 Resp: 1605639
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.0
 88 15.4 0.0 30.8

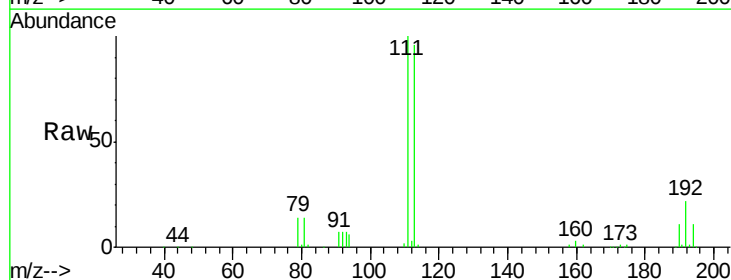


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

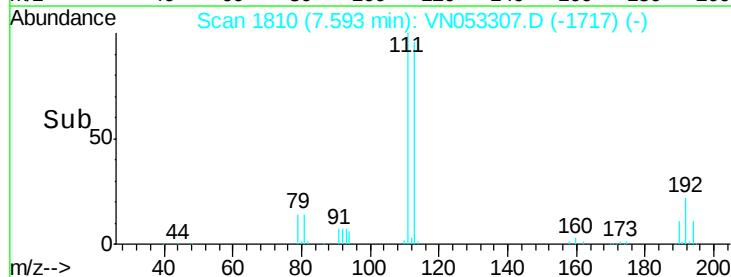
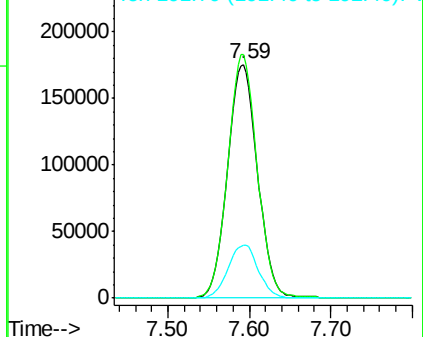


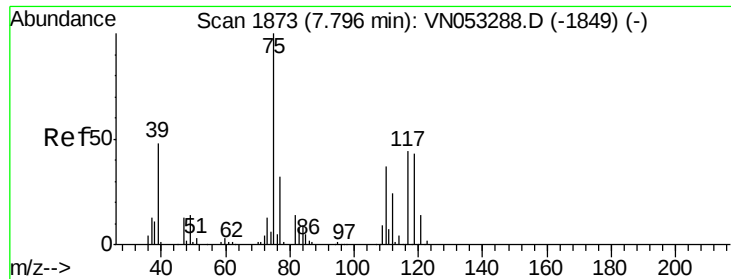
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053307.D
 Acq: 8 Jan 2019 10:10

Tgt Ion:113 Resp: 452759
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.4 122.2
 192 22.9 17.9 26.9



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

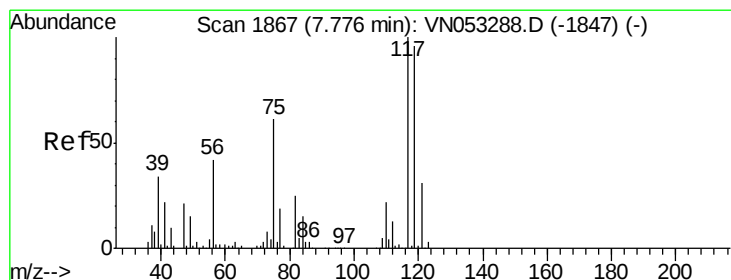
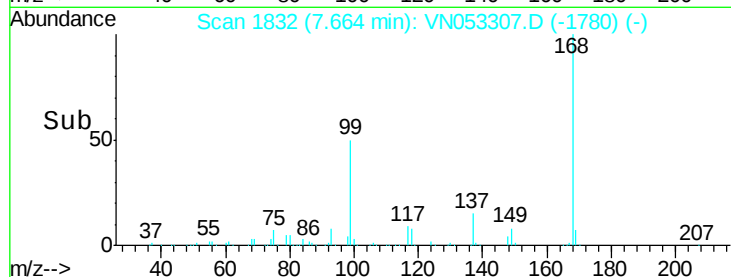
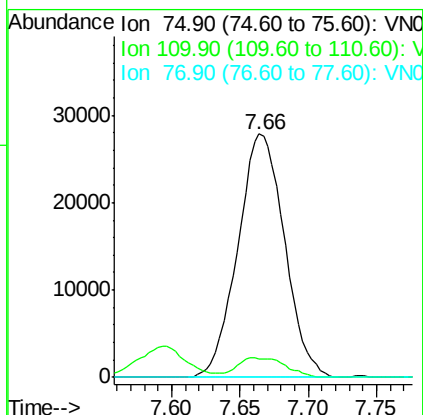
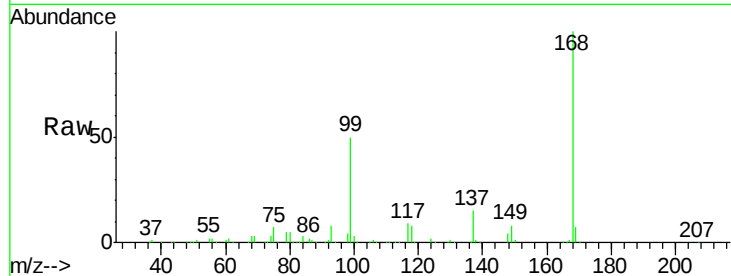




#36
 1,1-Dichloropropene
 Concen: 4.407 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN053307.D
 Acq: 8 Jan 2019 10:10

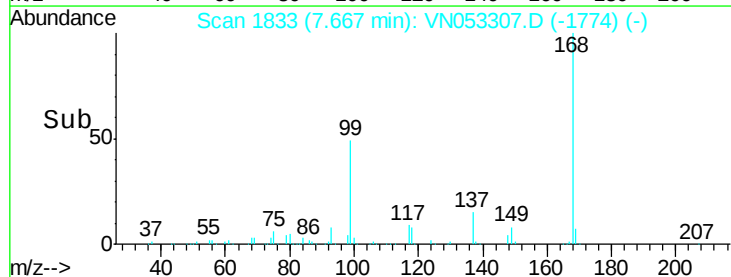
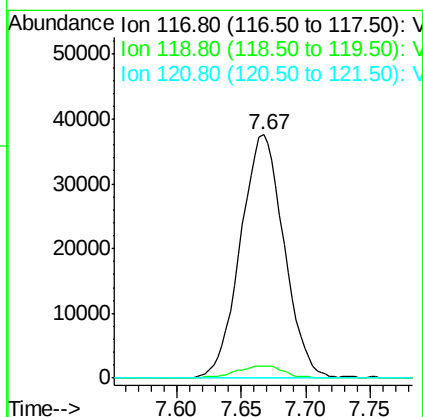
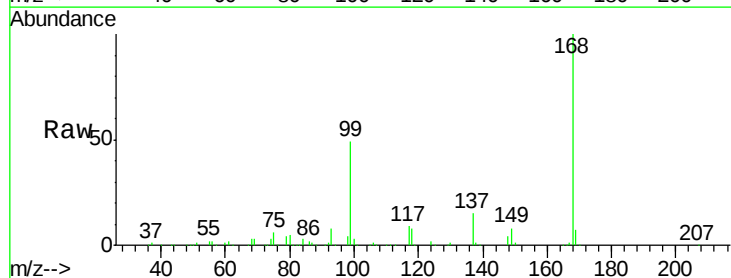
Instrument :
 MSVOA_N
 ClientSampled :
 VN0108MBL01

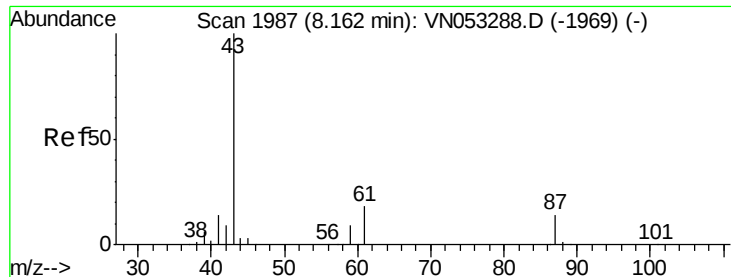
Tot Ion	75	Resp	66055
Ion Ratio	100	Lower	Upper
75	100		
110	8.3	18.4	55.0#
77	0.0	25.3	37.9#



#38
 Carbon Tetrachloride
 Concen: 6.383 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN053307.D
 Acq: 8 Jan 2019 10:10

Tgt Ion	117	Resp	88316
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	5.0	76.6	115.0#
121	0.0	25.0	37.4#





#43

Isopropyl Acetate

Concen: 1.478 ug/l

RT: 8.28 min Scan# 2023

Delta R.T. 0.12 min

Lab File: VN053307.D

Acq: 8 Jan 2019 10:10

Instrument :

MSVOA_N

ClientSampleId :

VN0108MBL01

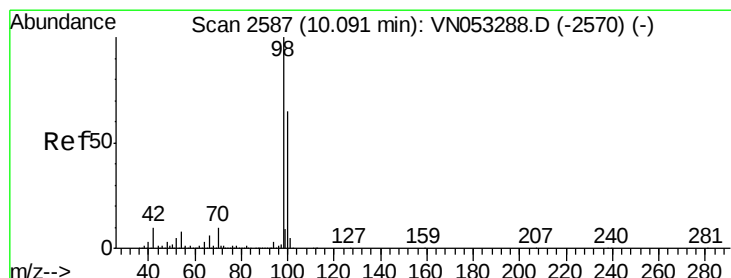
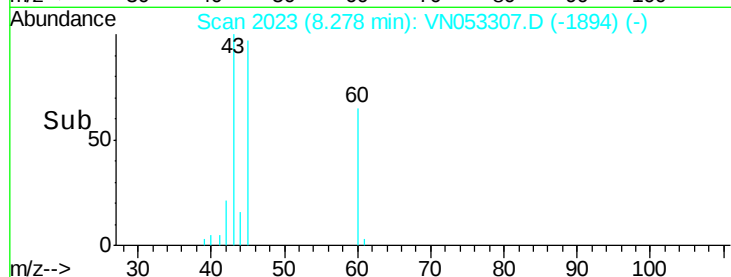
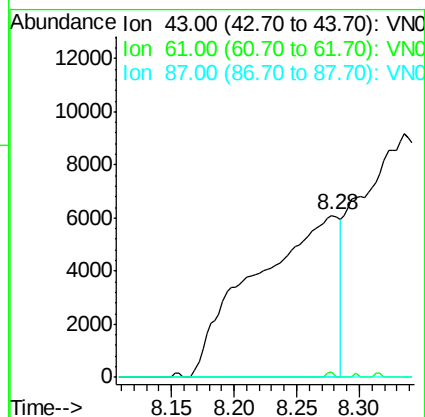
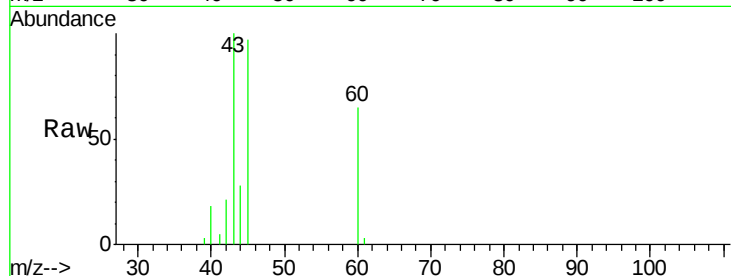
Tot Ion: 43 Resp: 28392

Ion Ratio Lower Upper

43 100

61 0.0 23.3 34.9#

87 0.0 10.8 16.2#



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053307.D

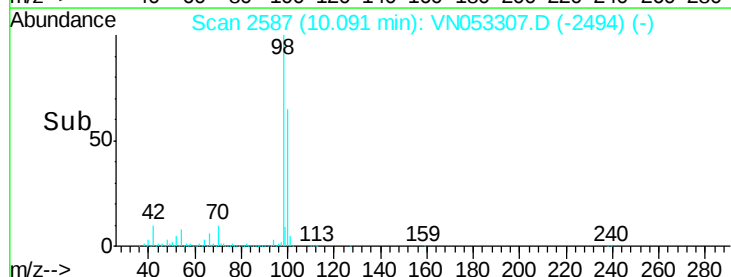
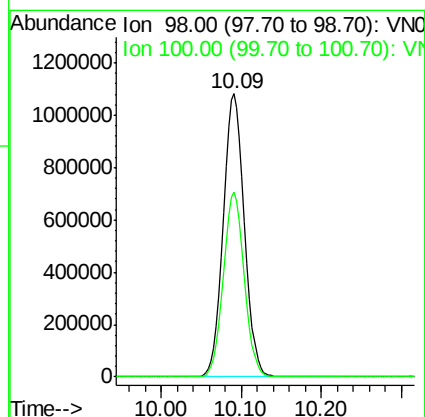
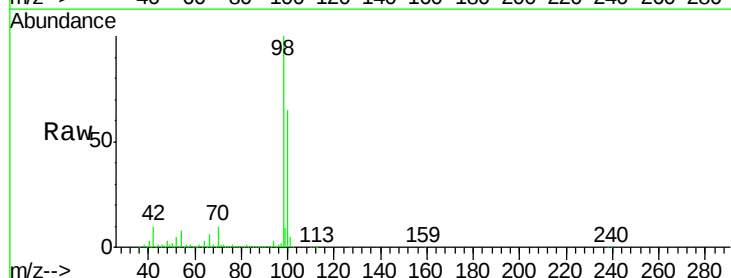
Acq: 8 Jan 2019 10:10

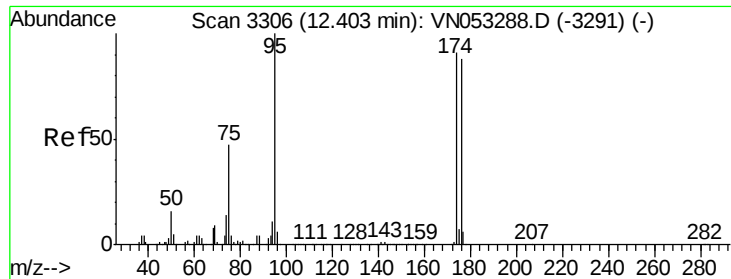
Tgt Ion: 98 Resp: 1970447

Ion Ratio Lower Upper

98 100

100 64.7 51.5 77.3





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053307.D

Acq: 8 Jan 2019 10:10

Instrument :

MSVOA_N

ClientSampled :

VN0108MBL01

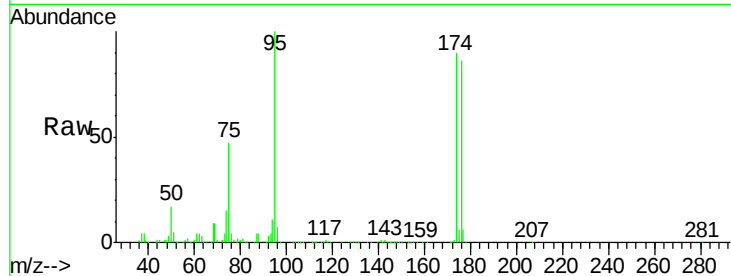
Tot Ion: 95 Resp: 682166

Ion Ratio Lower Upper

95 100

174 90.7 0.0 180.4

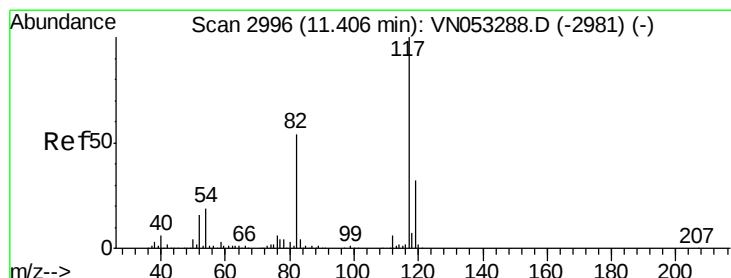
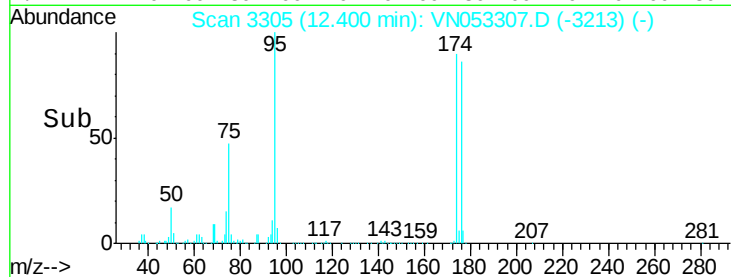
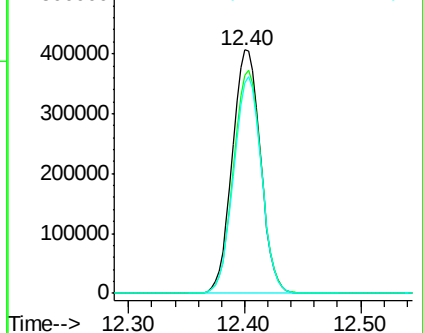
176 87.7 0.0 175.6



Abundance Ion 94.90 (94.60 to 95.60): VN053288.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053288.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053288.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053307.D

Acq: 8 Jan 2019 10:10

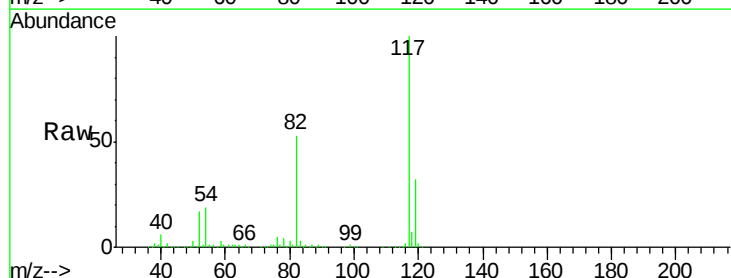
Tgt Ion: 117 Resp: 1486601

Ion Ratio Lower Upper

117 100

82 53.4 42.9 64.3

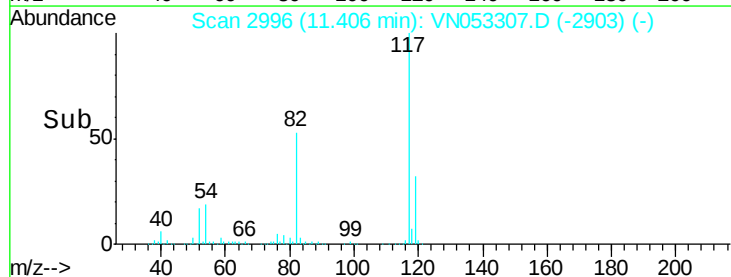
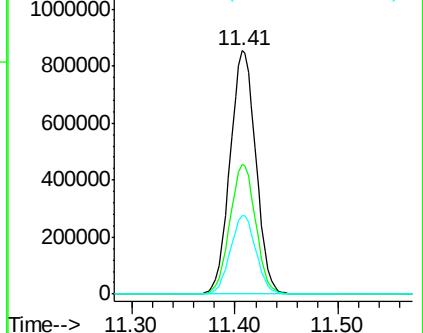
119 32.4 25.6 38.4

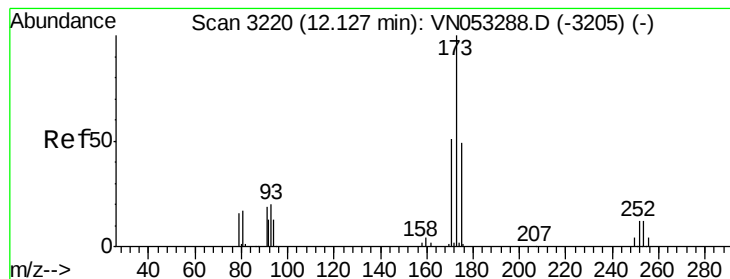


Abundance Ion 116.90 (116.60 to 117.60): VN053288.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN053288.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN053288.D (-2981) (-)





#71

Bromoform

Concen: 0.575 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN053307.D

Acq: 8 Jan 2019 10:10

Instrument :

MSVOA_N

ClientSampleId :

VN0108MBL01

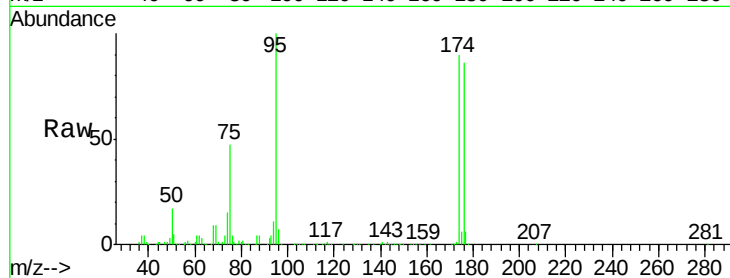
Tot Ion:173 Resp: 4591

Ion Ratio Lower Upper

173 100

175 846.5 24.3 72.8#

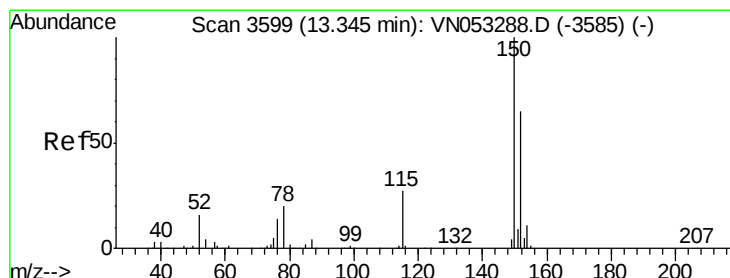
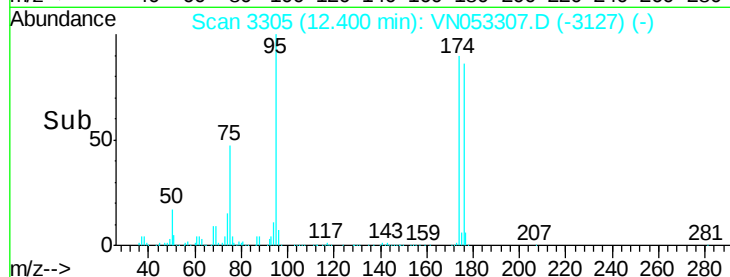
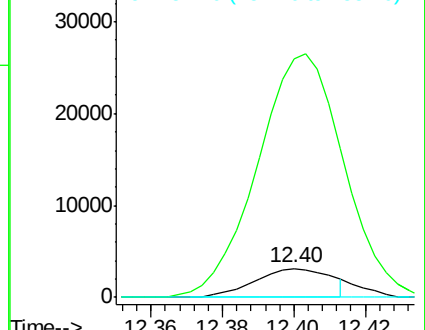
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053307.D

Acq: 8 Jan 2019 10:10

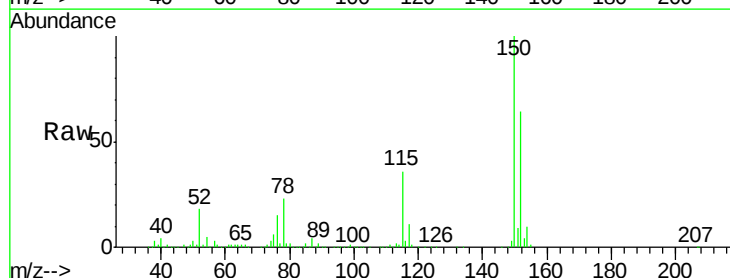
Tgt Ion:152 Resp: 631100

Ion Ratio Lower Upper

152 100

115 55.7 28.0 84.0

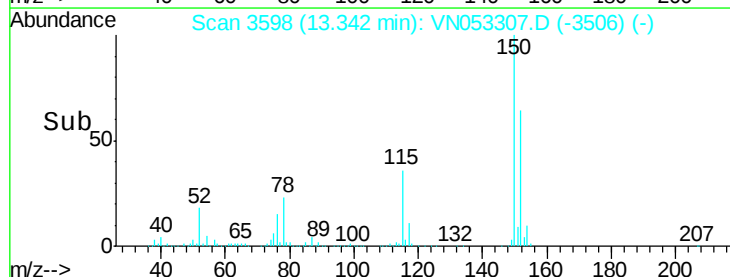
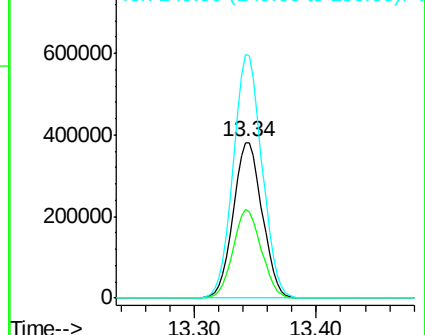
150 155.5 0.0 346.6

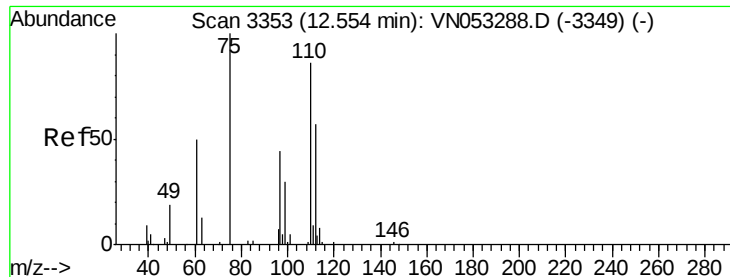


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 34.492 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053307.D

Acq: 8 Jan 2019 10:10

Instrument :

MSVOA_N

ClientSampleId :

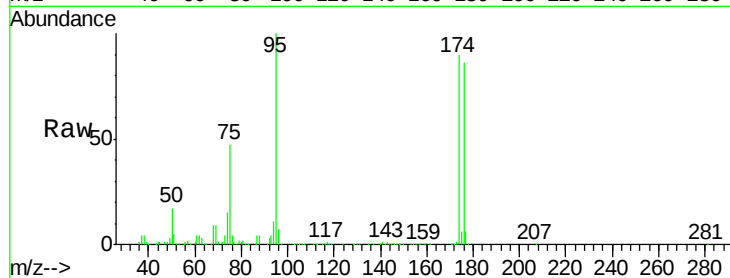
VN0108MBL01

Tot Ion: 75 Resp: 317495

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

200000

150000

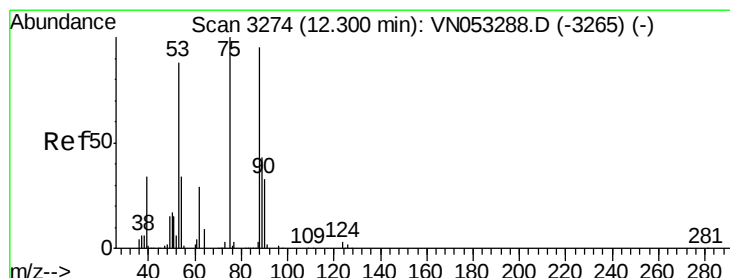
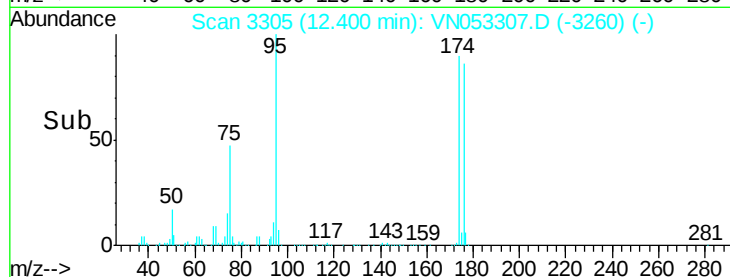
100000

50000

0

Time-->

12.35 12.40 12.45



#81

trans-1,4-Dichloro-2-butene

Concen: 101.481 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053307.D

Acq: 8 Jan 2019 10:10

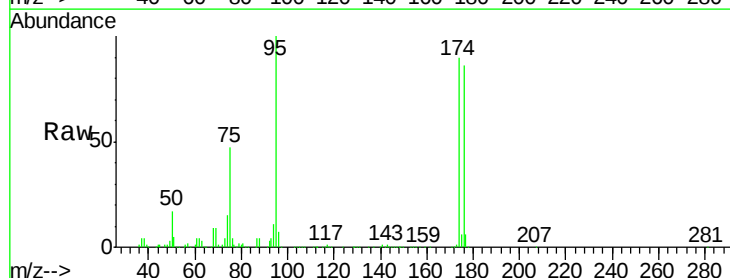
Tgt Ion: 75 Resp: 317495

Ion Ratio Lower Upper

75 100

53 0.0 70.5 105.7#

89 0.0 35.4 53.0#



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

12.40

250000

200000

150000

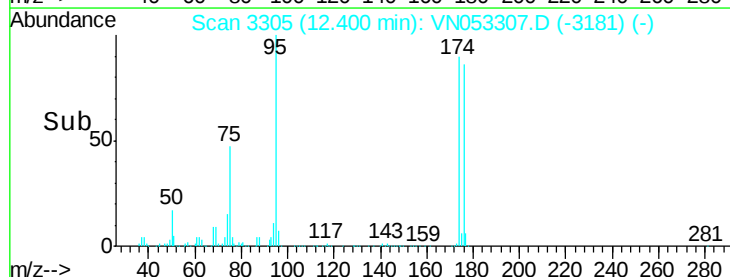
100000

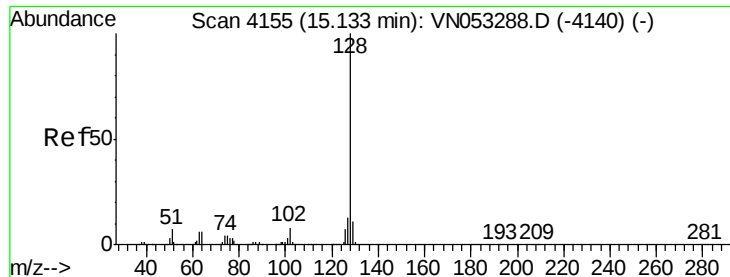
50000

0

Time-->

12.35 12.40 12.45





#95

Naphthalene

Concen: 0.224 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053307.D

Acq: 8 Jan 2019 10:10

Instrument :

MSVOA_N

ClientSampleId :

VN0108MBL01

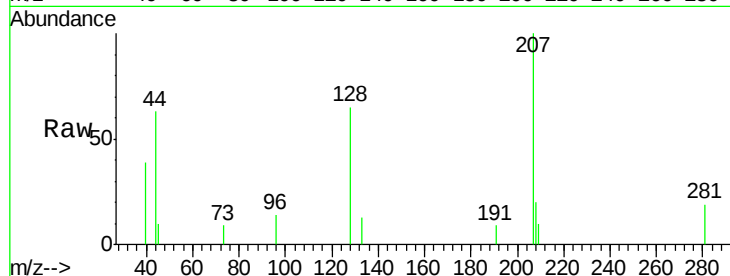
Tot Ion:128 Resp: 2486

Ion Ratio Lower Upper

128 100

127 2.5 10.4 15.6#

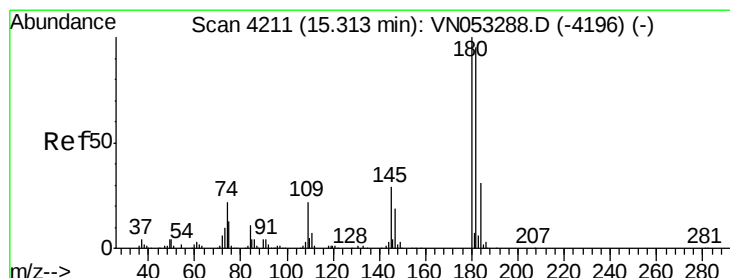
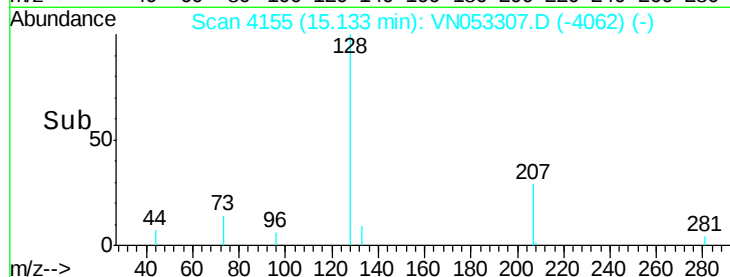
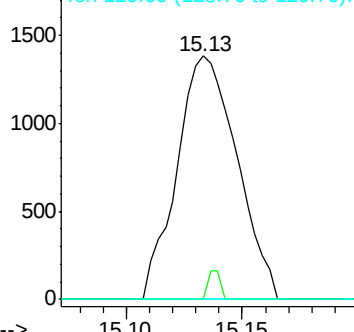
129 0.0 8.7 13.1#



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: 0.231 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN053307.D

Acq: 8 Jan 2019 10:10

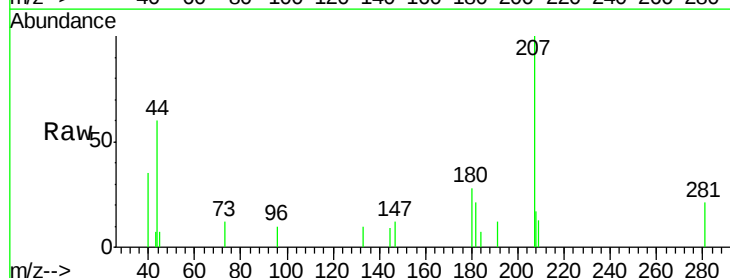
Tgt Ion:180 Resp: 985

Ion Ratio Lower Upper

180 100

182 89.3 48.4 145.0

145 22.1 14.9 44.5



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

