

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112119\
 Data File : VN059330.D
 Acq On : 21 Nov 2019 13:06
 Operator : JC/SP
 Sample : VN1121MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 22 05:58:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	410301	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	636123	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	546244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	199814	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	237798	48.30	ug/l	0.00
Spiked Amount			Recovery	=	96.60%	
35) Dibromofluoromethane	7.57	113	187663	49.17	ug/l	0.00
Spiked Amount			Recovery	=	98.34%	
50) Toluene-d8	10.08	98	767870	50.61	ug/l	0.00
Spiked Amount			Recovery	=	101.22%	
62) 4-Bromofluorobenzene	12.40	95	245979	46.37	ug/l	0.00
Spiked Amount			Recovery	=	92.74%	

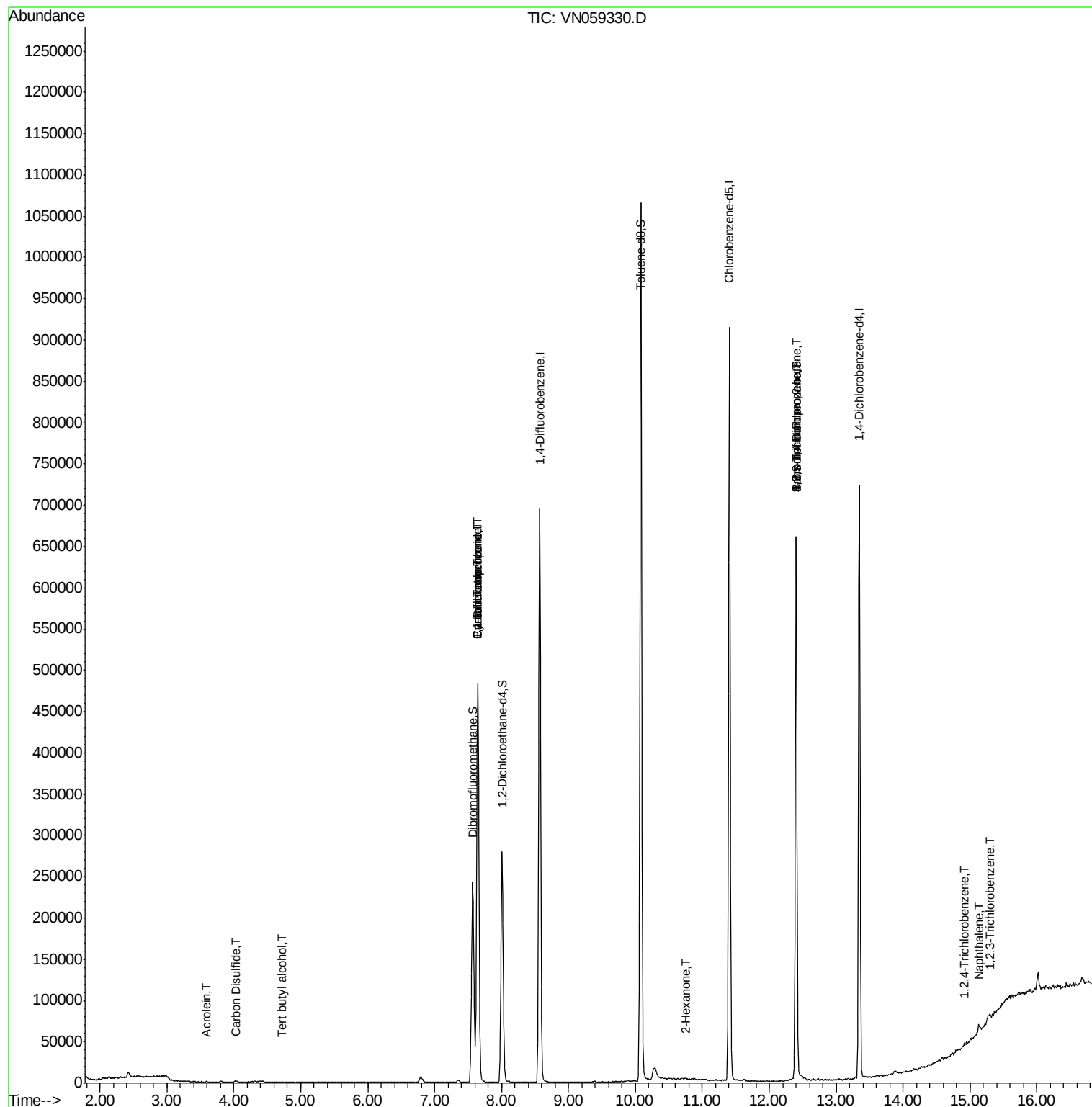
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.72	59	353	0.358	ug/l #	73
13) Acrolein	3.59	56	403	0.448	ug/l #	76
17) Carbon Disulfide	4.03	76	3196	0.370	ug/l #	83
31) Cyclohexane	7.65	56	7608	0.878	ug/l #	1
36) 1,1-Dichloropropene	7.65	75	30694	4.674	ug/l #	49
38) Carbon Tetrachloride	7.64	117	37924	6.032	ug/l #	15
59) 2-Hexanone	10.75	43	1173	0.254	ug/l	75
71) Bromoform	12.41	173	974	0.301	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	116782	25.298	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	116782	63.275	ug/l #	14
93) 1,2,4-Trichlorobenzene	14.92	180	1143	3.191	ug/l	83
95) Naphthalene	15.13	128	5824	3.631	ug/l	98
96) 1,2,3-Trichlorobenzene	15.30	180	2126	2.391	ug/l #	81

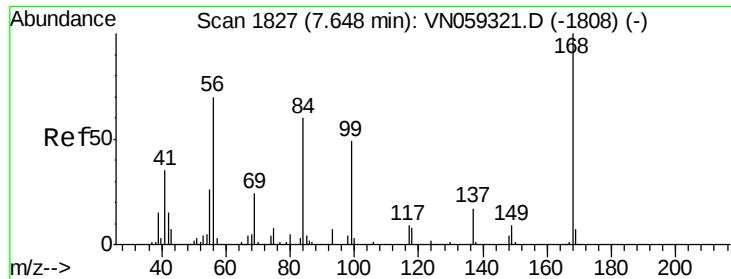
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN112119\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059330.D

Acq: 21 Nov 2019 13:06

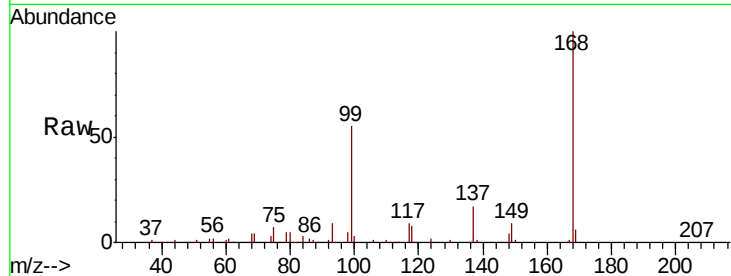
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 410301

Ion Ratio Lower Upper

168 100

99 55.0 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

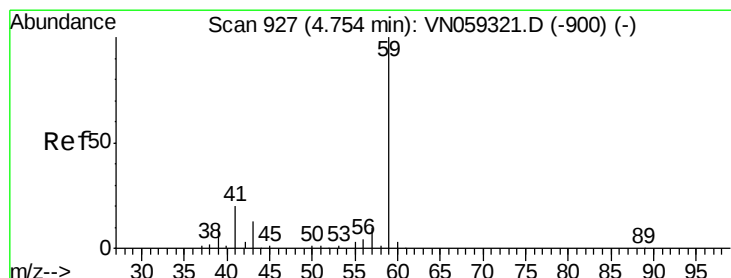
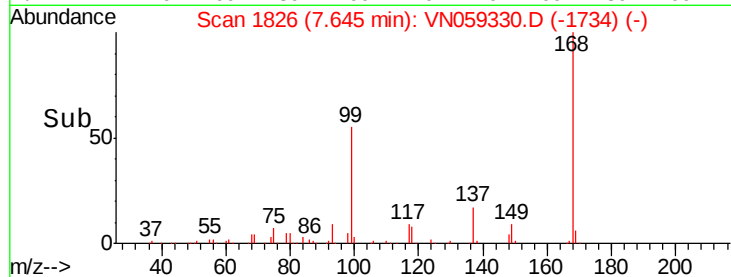
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.358 ug/l

RT: 4.72 min Scan# 915

Delta R.T. -0.04 min

Lab File: VN059330.D

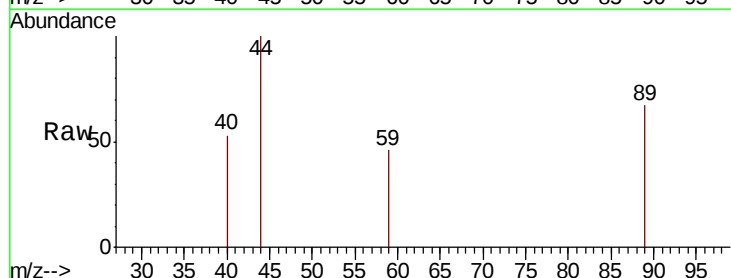
Acq: 21 Nov 2019 13:06

Tgt Ion: 59 Resp: 353

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.72

300

250

200

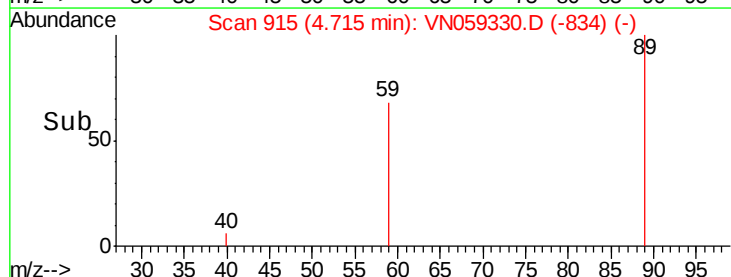
150

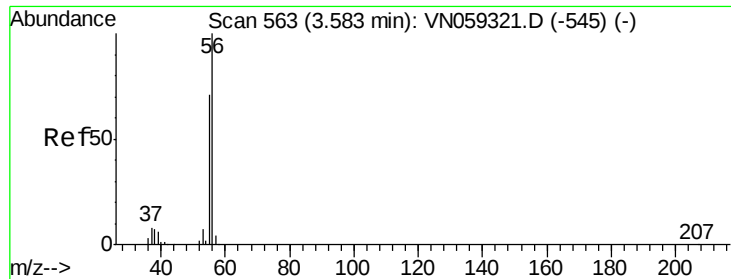
100

50

0

Time-->





#13

Acrolein

Concen: 0.448 ug/l

RT: 3.59 min Scan# 565

Delta R.T. 0.01 min

Lab File: VN059330.D

Acq: 21 Nov 2019 13:06

Instrument :

MSVOA_N

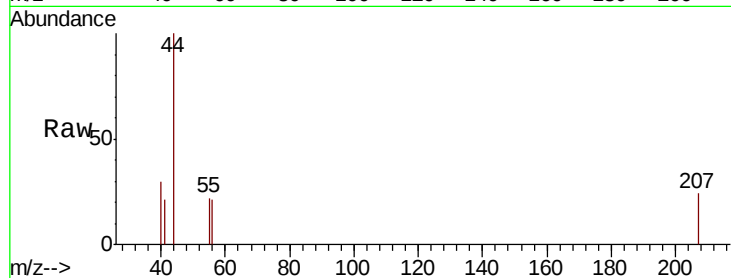
ClientSampled :

Tot Ion: 56 Resp: 403

Ion Ratio Lower Upper

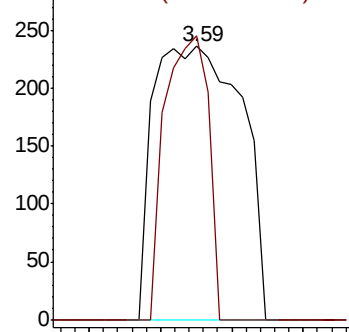
56 100

55 51.4 57.4 86.0#

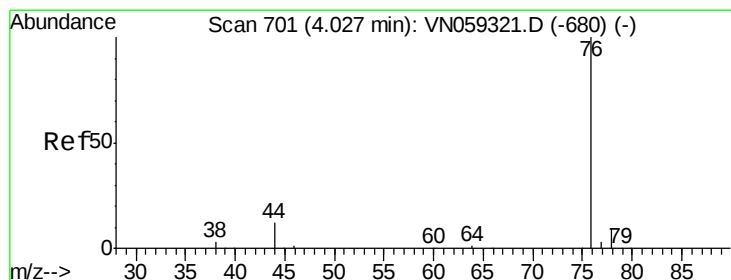
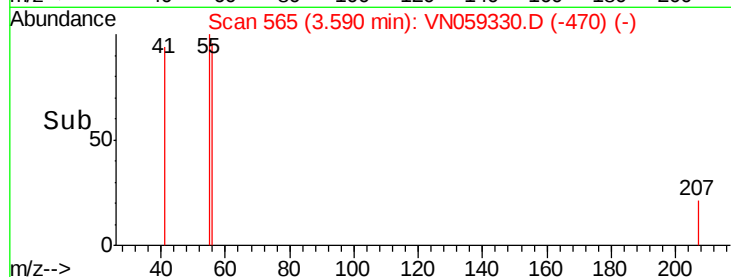


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



Time-->



#17

Carbon Disulfide

Concen: 0.370 ug/l

RT: 4.03 min Scan# 703

Delta R.T. 0.01 min

Lab File: VN059330.D

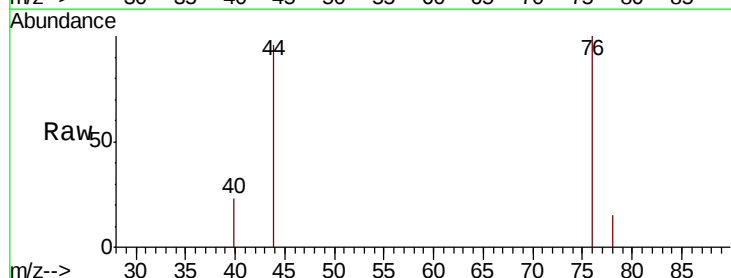
Acq: 21 Nov 2019 13:06

Tgt Ion: 76 Resp: 3196

Ion Ratio Lower Upper

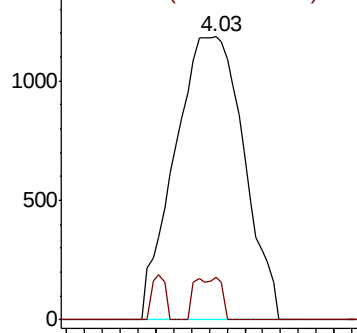
76 100

78 15.3 7.2 10.8#

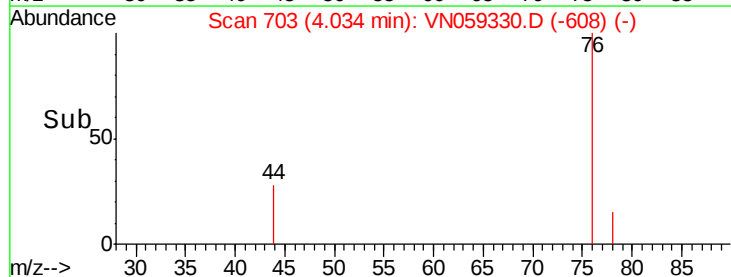


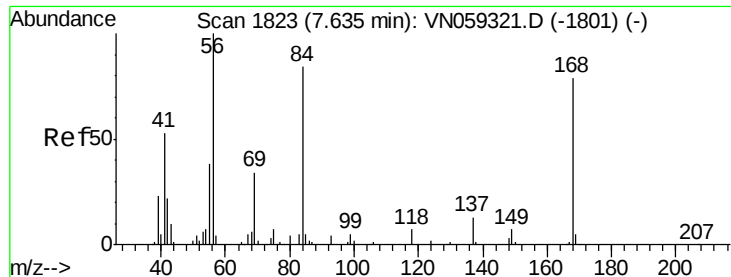
Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



Time-->





#31

Cyclohexane

Concen: 0.878 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.01 min

Lab File: VN059330.D

Acq: 21 Nov 2019 13:06

Instrument :

MSVOA_N

ClientSampleId :

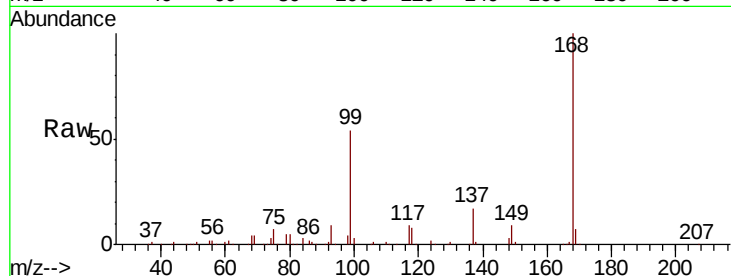
Tot Ion: 56 Resp: 7608

Ion Ratio Lower Upper

56 100

69 187.7 26.6 40.0#

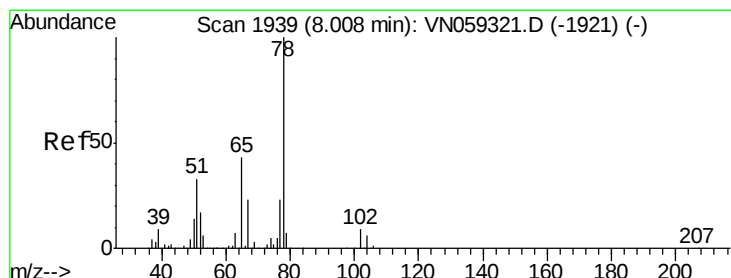
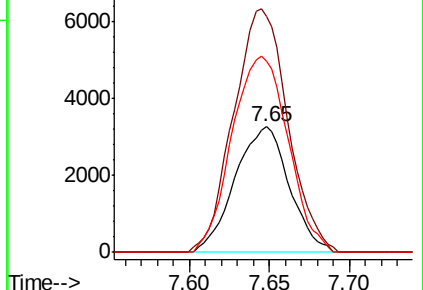
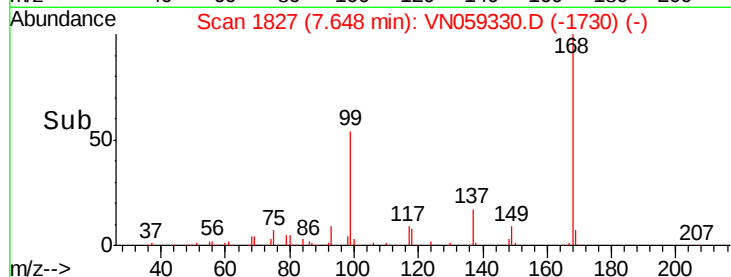
84 152.3 67.0 100.4#



Abundance Ion 56.00 (55.70 to 56.70): VN059330.D (-1730) (-)

Ion 69.00 (68.70 to 69.70): VN059330.D (-1730) (-)

Ion 84.00 (83.70 to 84.70): VN059330.D (-1730) (-)



#33

1,2-Dichloroethane-d4

Concen: 48.304 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059330.D

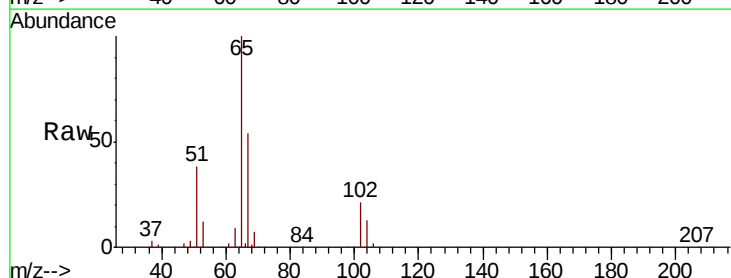
Acq: 21 Nov 2019 13:06

Tgt Ion: 65 Resp: 237798

Ion Ratio Lower Upper

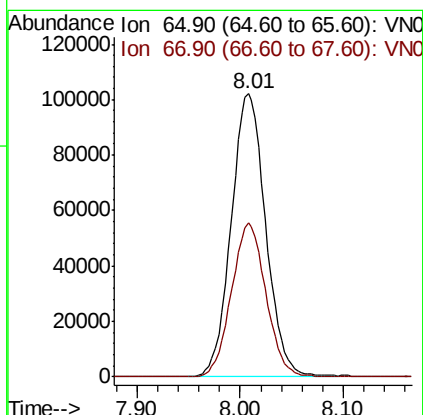
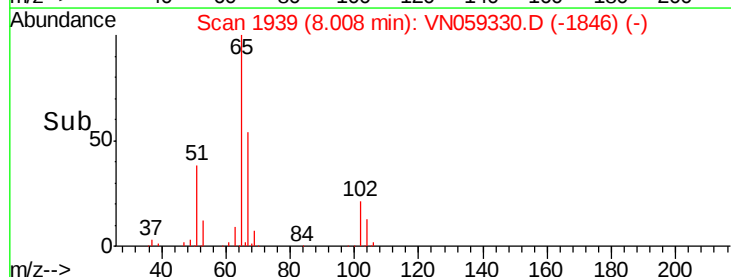
65 100

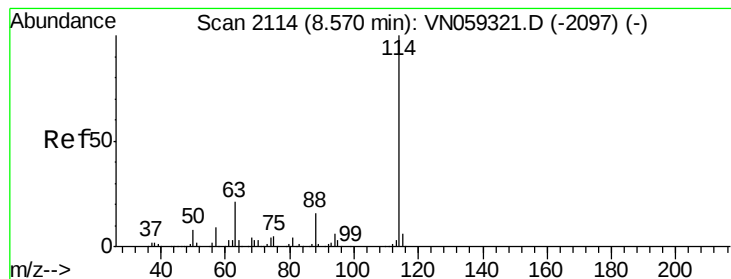
67 54.5 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VN059330.D (-1846) (-)

Ion 66.90 (66.60 to 67.60): VN059330.D (-1846) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VN059330.D

Acq: 21 Nov 2019 13:06

Instrument :

MSVOA_N

ClientSampleId :

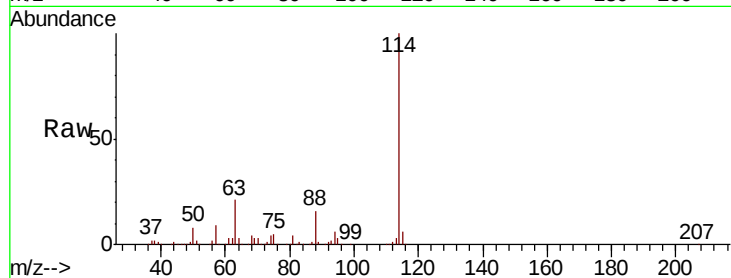
Tot Ion:114 Resp: 636123

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.2

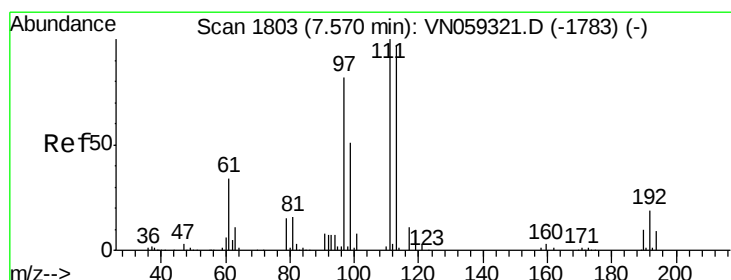
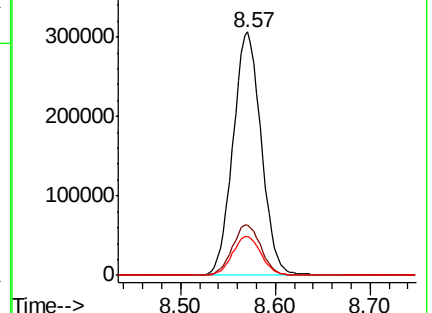
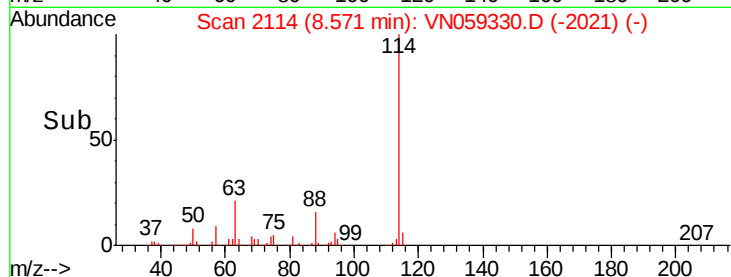
88 15.7 0.0 32.2



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: 49.173 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN059330.D

Acq: 21 Nov 2019 13:06

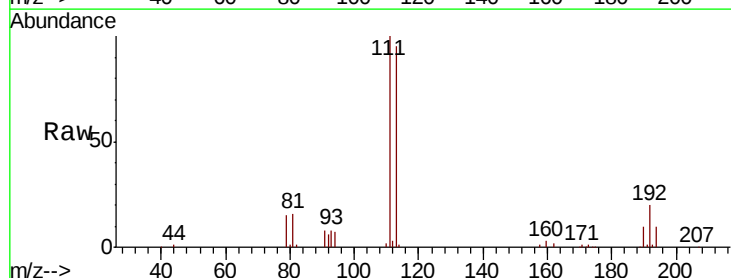
Tgt Ion:113 Resp: 187663

Ion Ratio Lower Upper

113 100

111 103.9 82.7 124.1

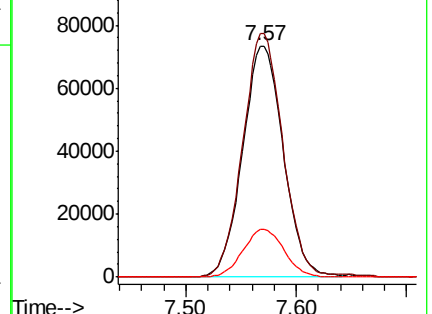
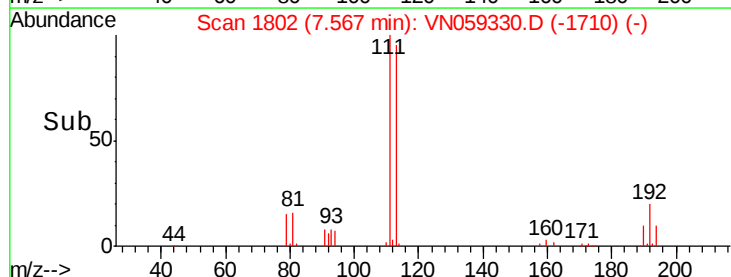
192 20.7 16.3 24.5

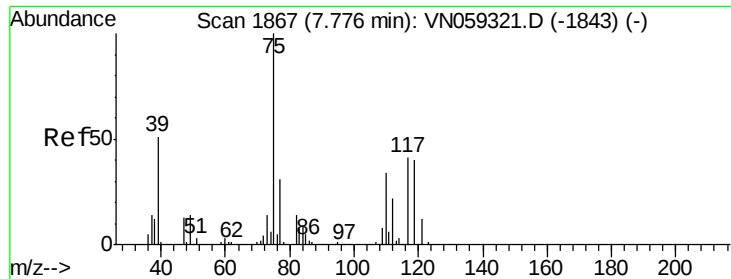


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

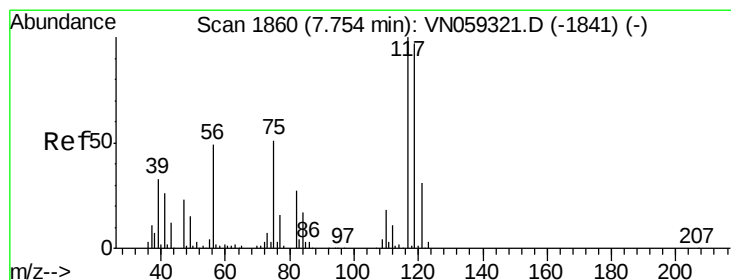
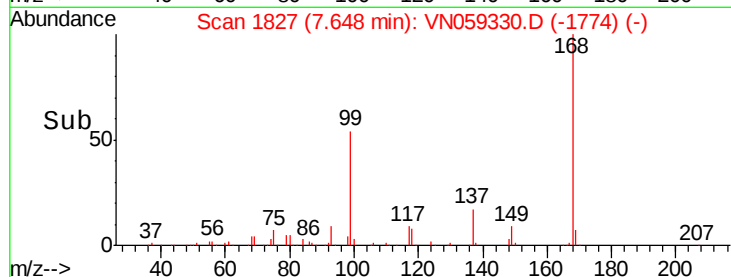
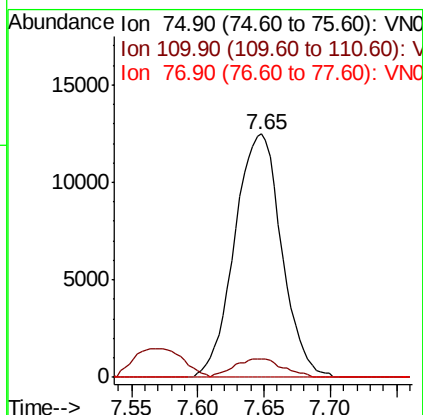
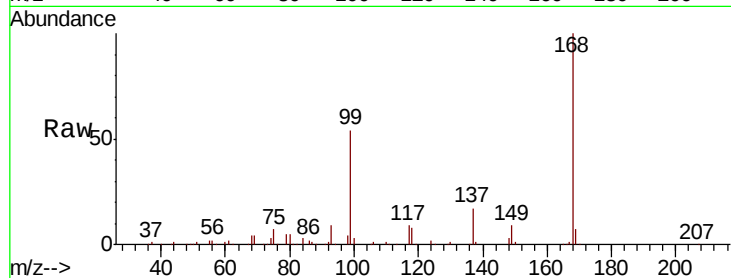




#36
 1,1-Dichloropropene
 Concen: 4.674 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN059330.D
 Acq: 21 Nov 2019 13:06

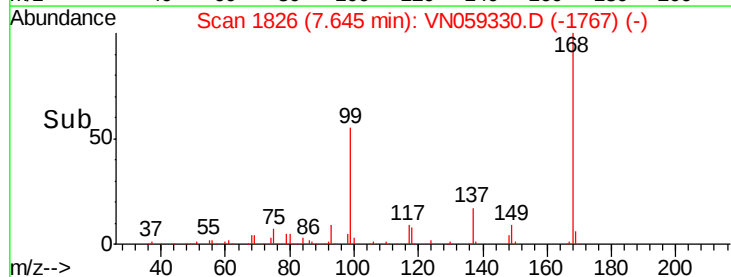
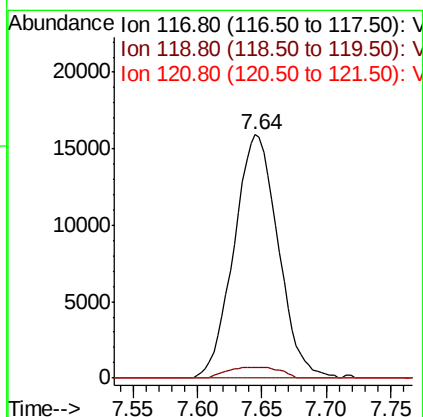
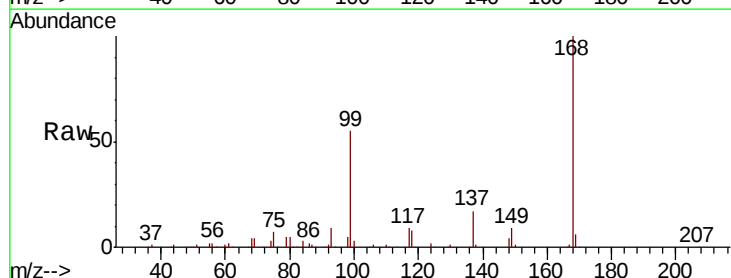
Instrument :
 MSVOA_N
 ClientSampleId :

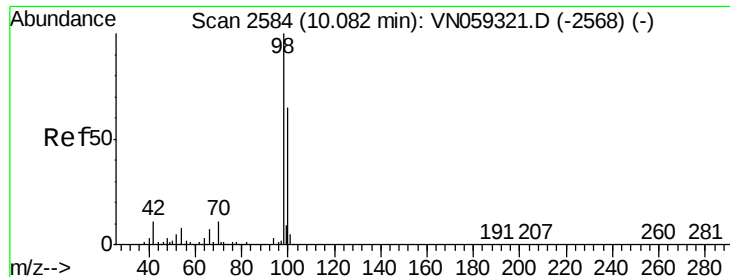
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.0	17.0	51.0#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.032 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.11 min
 Lab File: VN059330.D
 Acq: 21 Nov 2019 13:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.3	77.0	115.4#
121	0.0	24.4	36.6#





#50

Toluene-d8

Concen: 50.612 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059330.D

Acq: 21 Nov 2019 13:06

Instrument :

MSVOA_N

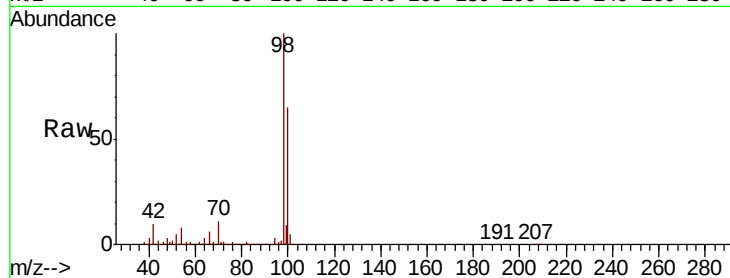
ClientSampled :

Tot Ion: 98 Resp: 767870

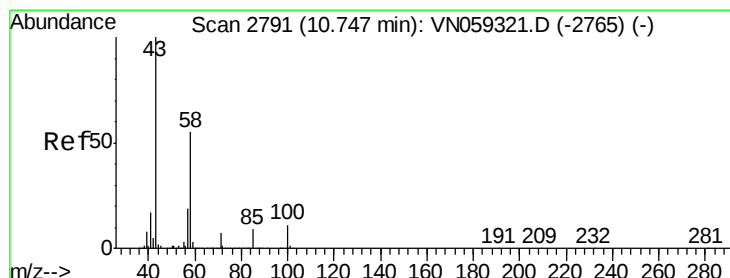
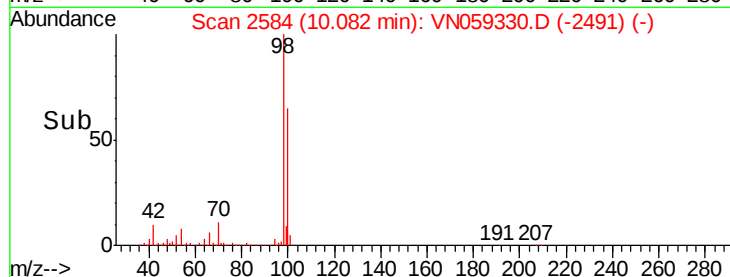
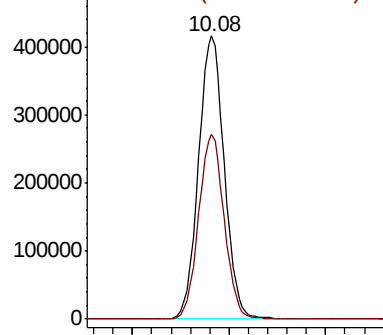
Ion Ratio Lower Upper

98 100

100 65.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN059330.D (-2491) (-)



#59

2-Hexanone

Concen: 0.254 ug/l

RT: 10.75 min Scan# 2792

Delta R.T. 0.00 min

Lab File: VN059330.D

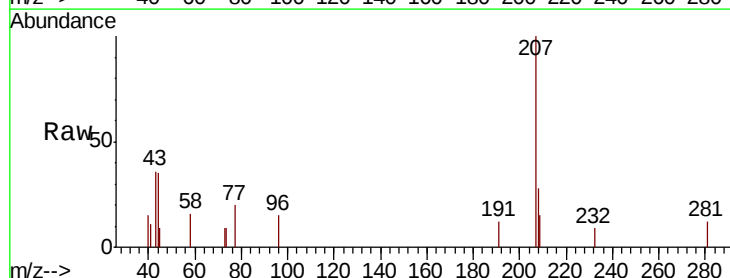
Acq: 21 Nov 2019 13:06

Tgt Ion: 43 Resp: 1173

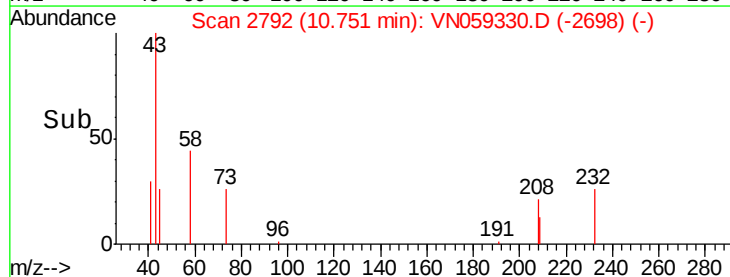
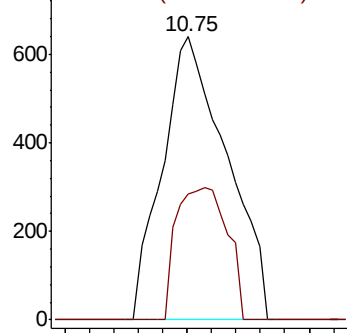
Ion Ratio Lower Upper

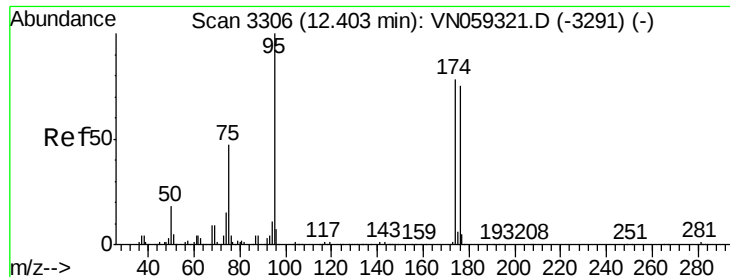
43 100

58 36.9 27.7 83.0



Abundance Ion 43.00 (42.70 to 43.70): VN059330.D (-2698) (-)





#62

4-Bromofluorobenzene

Concen: 46.368 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059330.D

Acq: 21 Nov 2019 13:06

Instrument :

MSVOA_N

ClientSampleId :

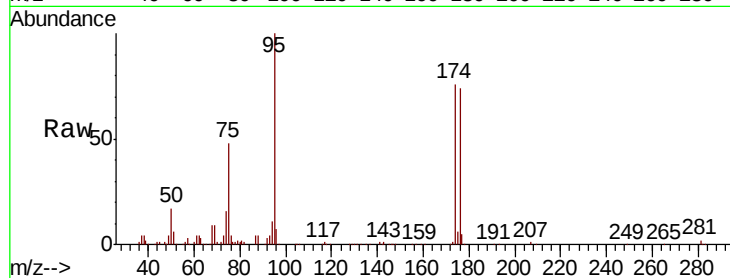
Tot Ion: 95 Resp: 245979

Ion Ratio Lower Upper

95 100

174 77.2 0.0 157.4

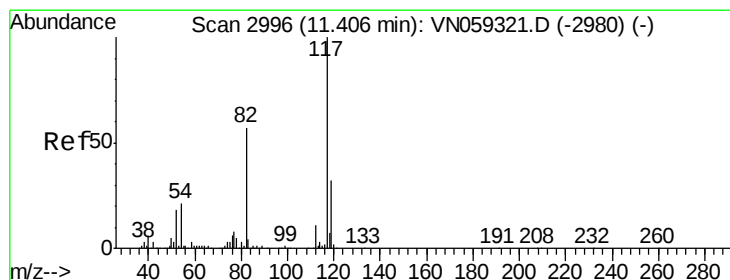
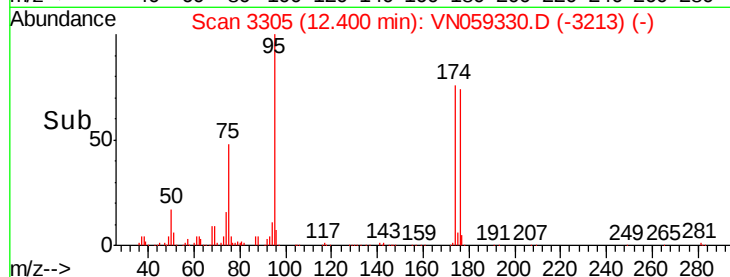
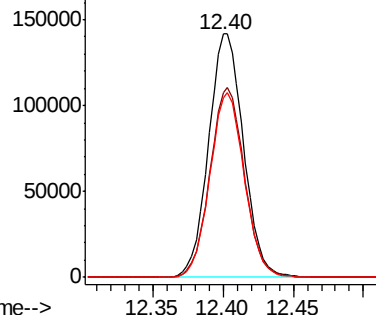
176 74.9 0.0 151.2



Abundance Ion 94.90 (94.60 to 95.60): VN059321.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN059321.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN059321.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059330.D

Acq: 21 Nov 2019 13:06

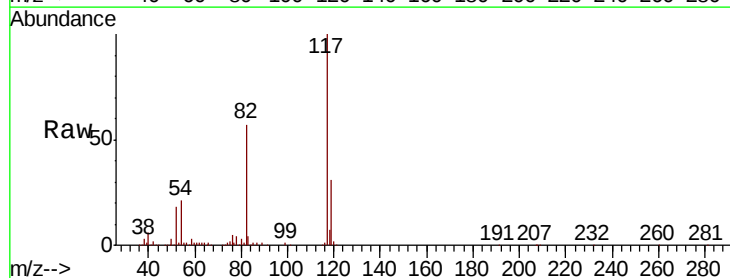
Tgt Ion: 117 Resp: 546244

Ion Ratio Lower Upper

117 100

82 56.8 45.7 68.5

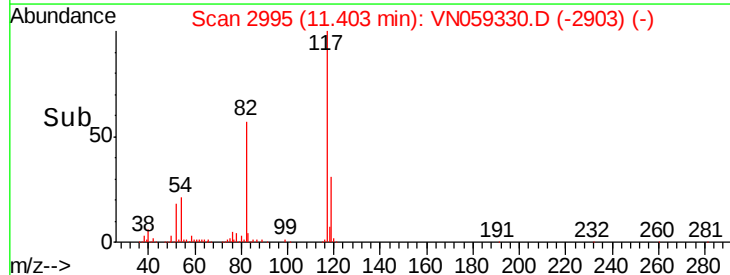
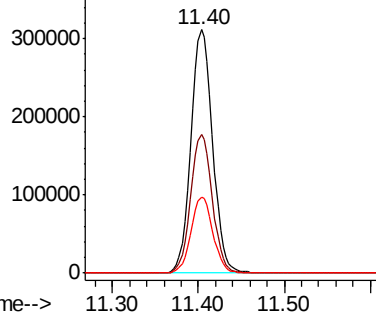
119 31.3 25.8 38.6

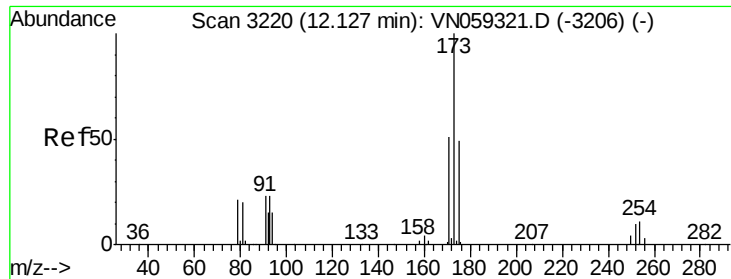


Abundance Ion 116.90 (116.60 to 117.60): VN059321.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN059321.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN059321.D (-2980) (-)





#71

Bromoform

Concen: 0.301 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.28 min

Lab File: VN059330.D

Acq: 21 Nov 2019 13:06

Instrument :

MSVOA_N

ClientSampled :

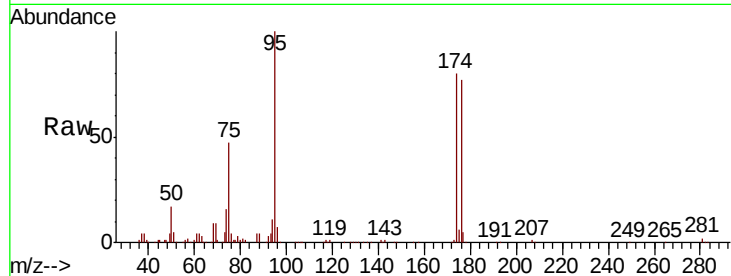
Tot Ion:173 Resp: 974

Ion Ratio Lower Upper

173 100

175 1211.5 24.6 73.6#

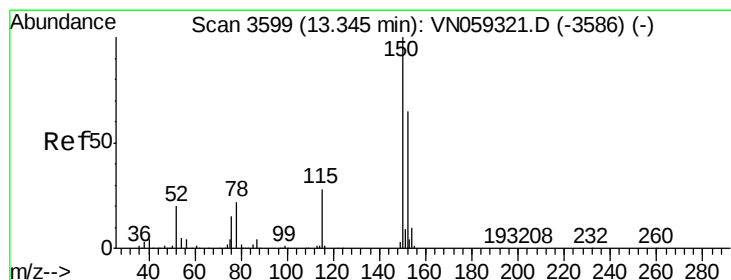
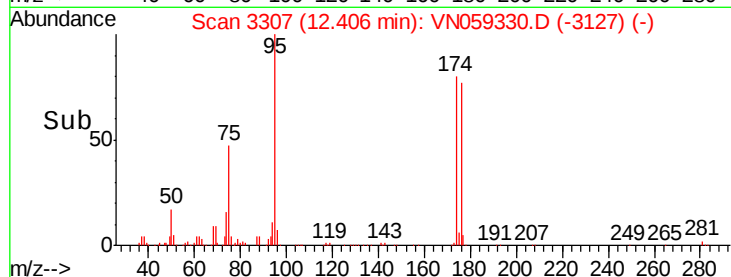
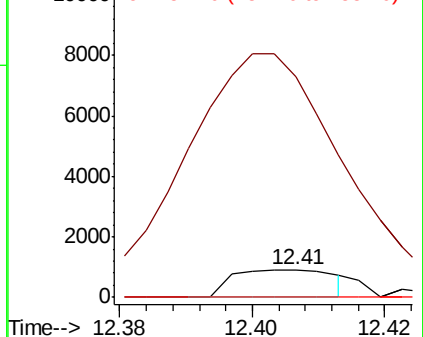
254 0.0 0.1 0.1#



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: VN059330.D

Acq: 21 Nov 2019 13:06

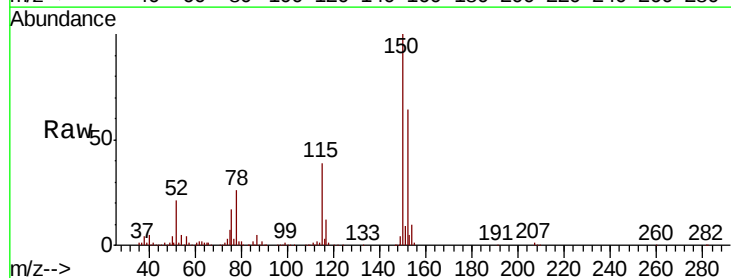
Tgt Ion:152 Resp: 199814

Ion Ratio Lower Upper

152 100

115 60.3 29.3 88.0

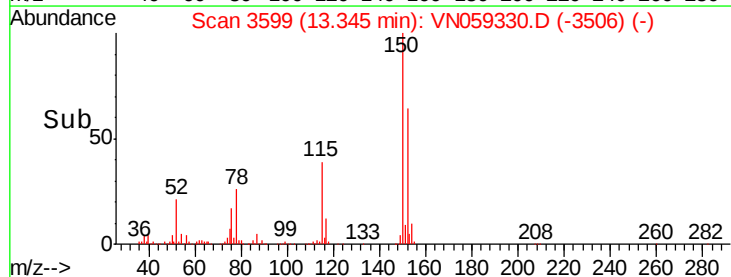
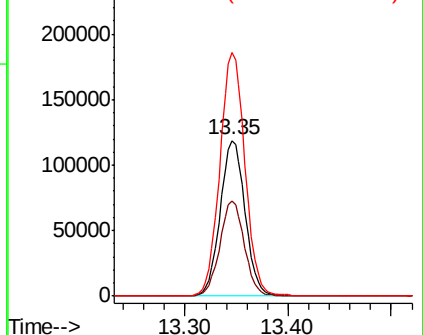
150 157.1 0.0 346.0

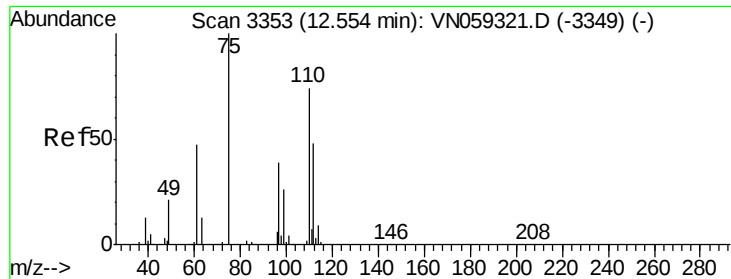


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 25.298 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN059330.D

Acq: 21 Nov 2019 13:06

Instrument :

MSVOA_N

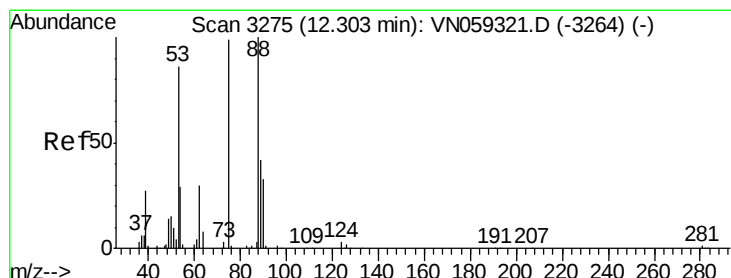
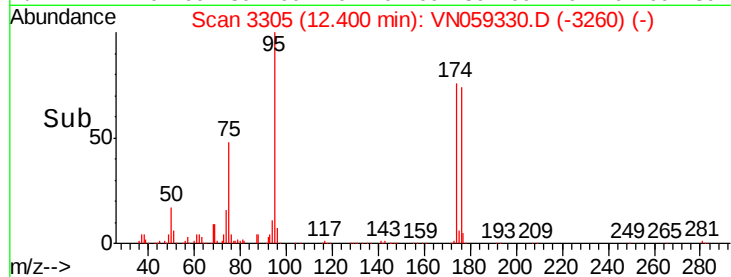
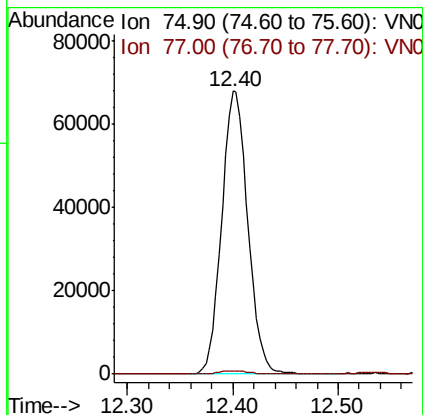
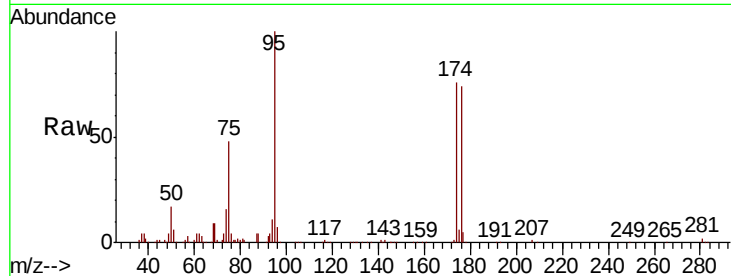
ClientSampleId :

Tot Ion: 75 Resp: 116782

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.275 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN059330.D

Acq: 21 Nov 2019 13:06

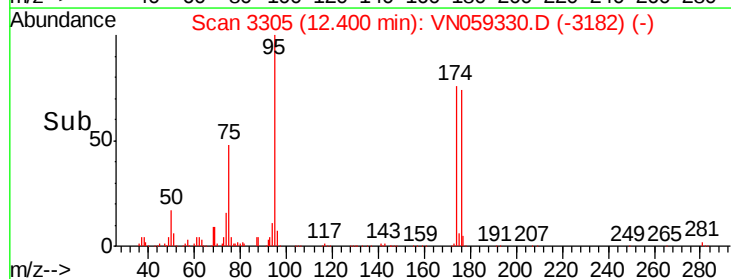
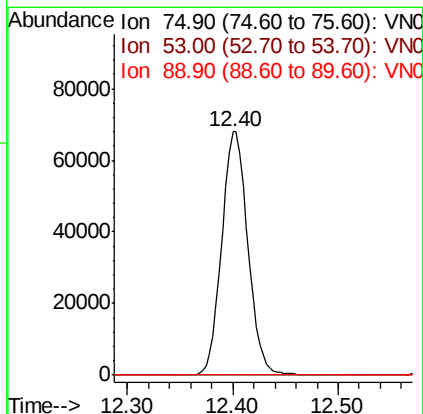
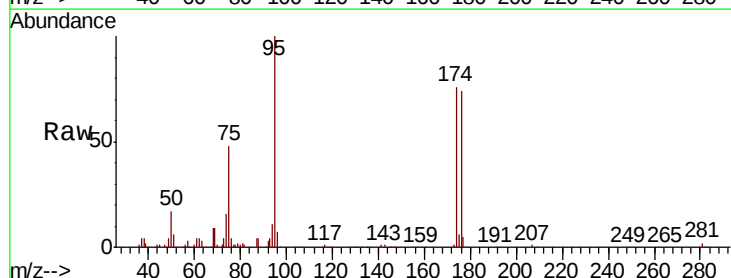
Tgt Ion: 75 Resp: 116782

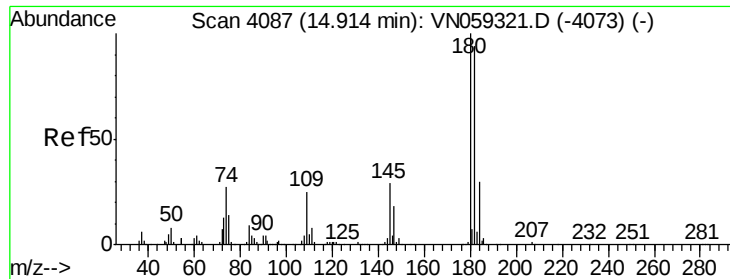
Ion Ratio Lower Upper

75 100

53 0.0 70.7 106.1#

89 0.0 35.4 53.0#

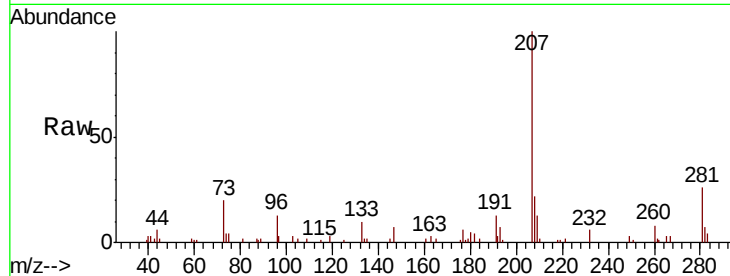




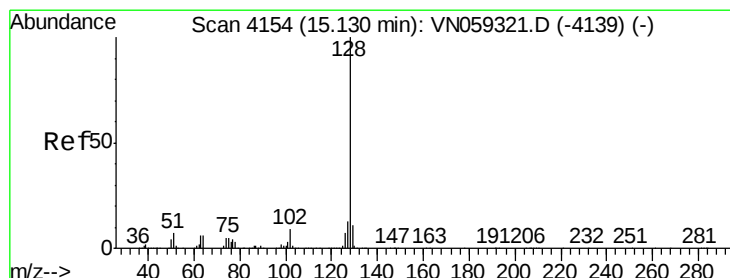
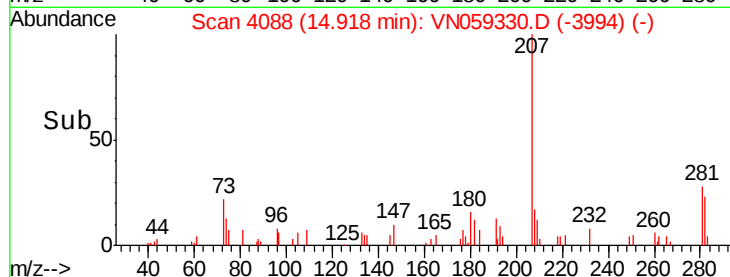
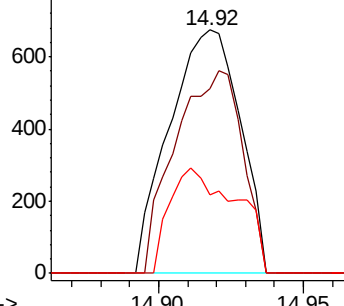
#93
 1,2,4-Trichlorobenzene
 Concen: 3.191 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN059330.D
 Acq: 21 Nov 2019 13:06

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 1143
 Ion Ratio Lower Upper
 180 100
 182 79.3 47.2 141.6
 145 40.8 14.9 44.5

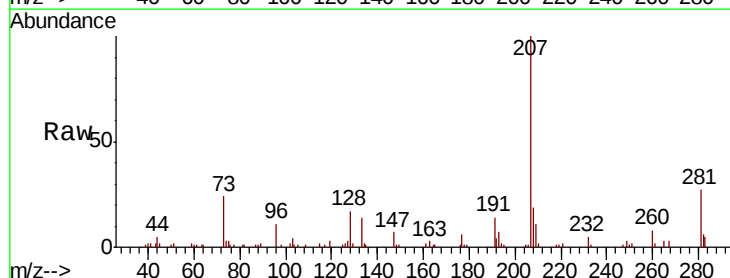


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

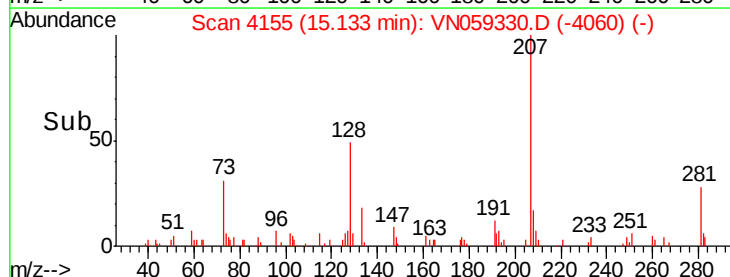
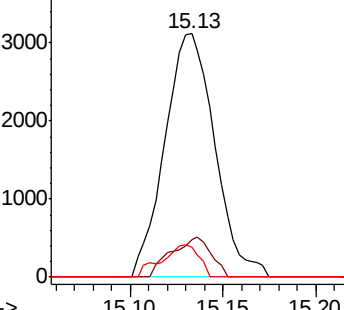


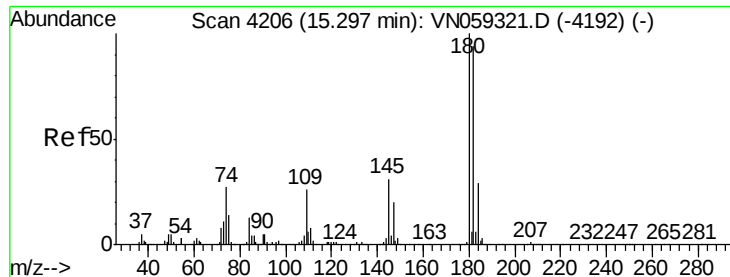
#95
 Naphthalene
 Concen: 3.631 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN059330.D
 Acq: 21 Nov 2019 13:06

Tgt Ion:128 Resp: 5824
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.2 15.2
 129 9.8 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: 2.391 ug/l
 RT: 15.30 min Scan# 4206
 Delta R.T. 0.00 min
 Lab File: VN059330.D
 Acq: 21 Nov 2019 13:06

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	82.3	47.1	141.4
145	10.7	15.6	46.8#

