

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022420\
 Data File : VN060213.D
 Acq On : 24 Feb 2020 16:44
 Operator : JC/MD
 Sample : L1671-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 25 00:20:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

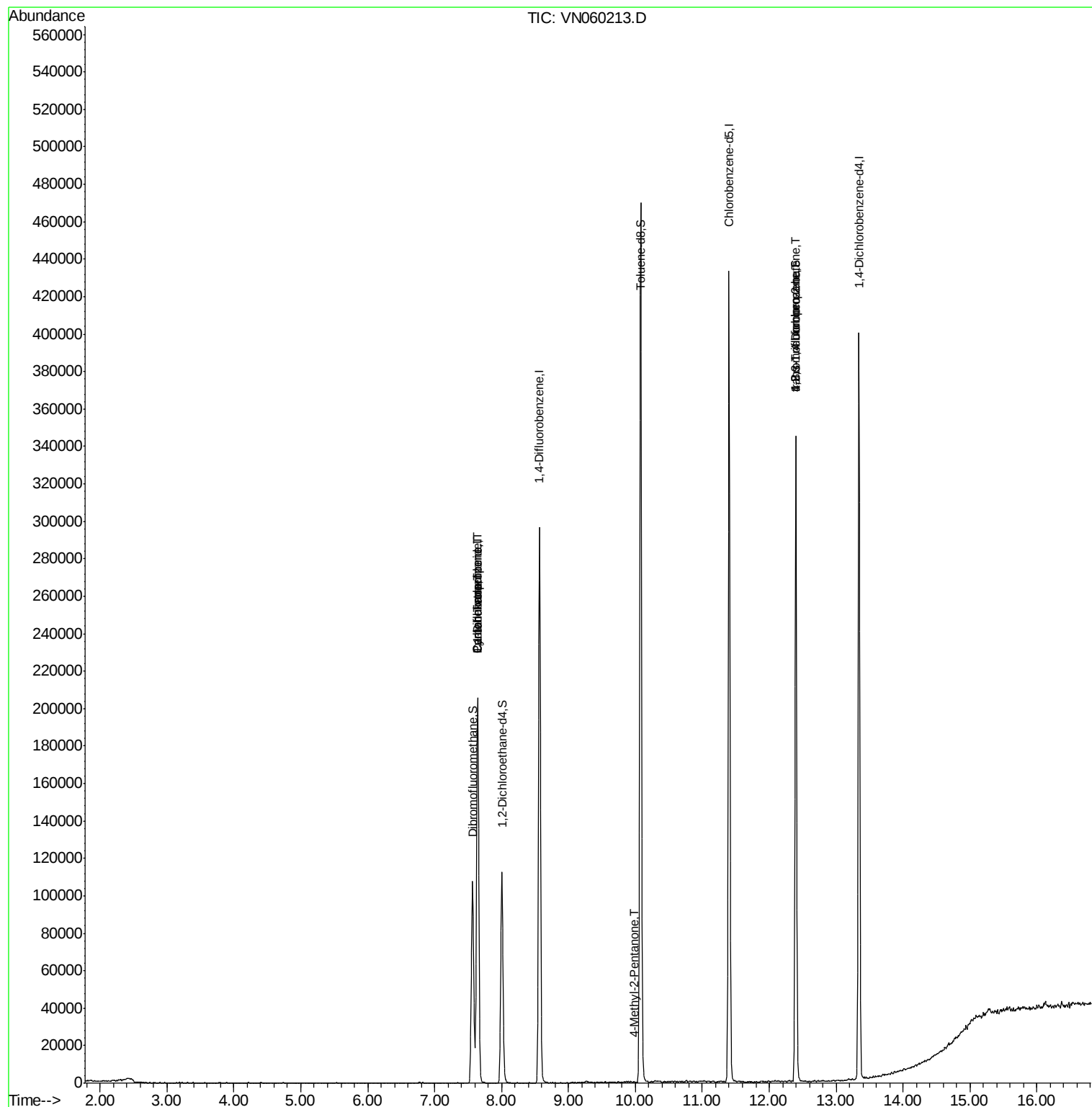
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	176875	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	272330	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	252600	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	108064	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	100895	46.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.76%	
35) Dibromofluoromethane	7.57	113	83257	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
50) Toluene-d8	10.08	98	330232	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
62) 4-Bromofluorobenzene	12.40	95	115591	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	
Target Compounds						
					Qvalue	
31) Cyclohexane	7.64	56	3385	1.112	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	12471	4.944	ug/l #	44
38) Carbon Tetrachloride	7.64	117	16793	6.130	ug/l #	15
51) 4-Methyl-2-Pentanone	9.98	43	567	0.251	ug/l #	35
76) 1,2,3-Trichloropropane	12.40	75	59470	28.764	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	59470	70.429	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	14.35	75	61	Below Cal	#	1

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
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: VN060213.D

Acq: 24 Feb 2020 16:44

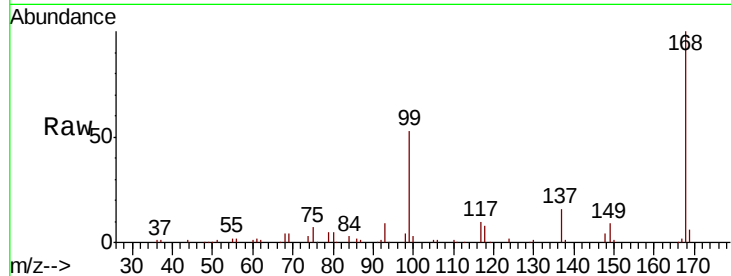
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 176875

Ion Ratio Lower Upper

168 100

99 53.1 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

40000

20000

0

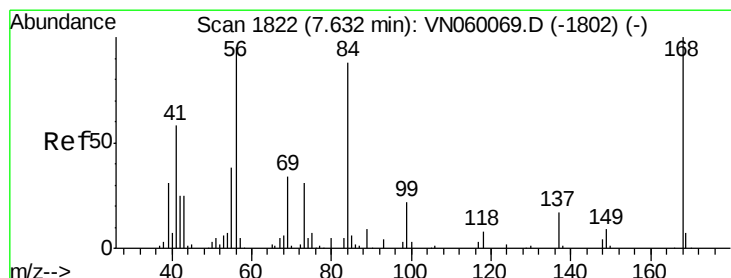
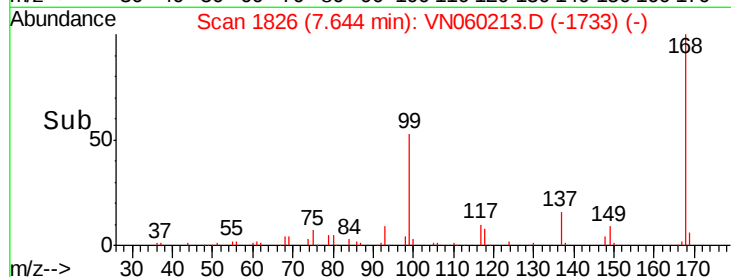
Time-->

7.50

7.60

7.70

7.80



#31

Cyclohexane

Concen: 1.112 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VN060213.D

Acq: 24 Feb 2020 16:44

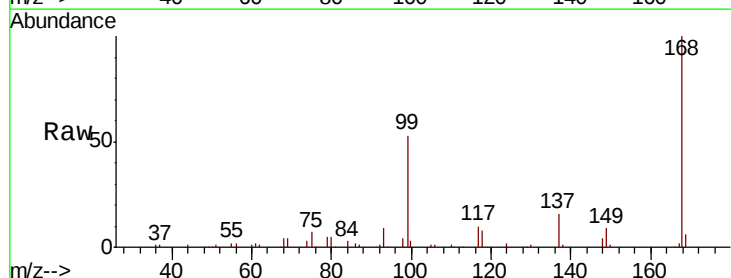
Tgt Ion: 56 Resp: 3385

Ion Ratio Lower Upper

56 100

69 173.2 28.3 42.5#

84 143.3 72.6 108.8#



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 69.00 (68.70 to 69.70): VN

Ion 84.00 (83.70 to 84.70): VN

3000

2000

1000

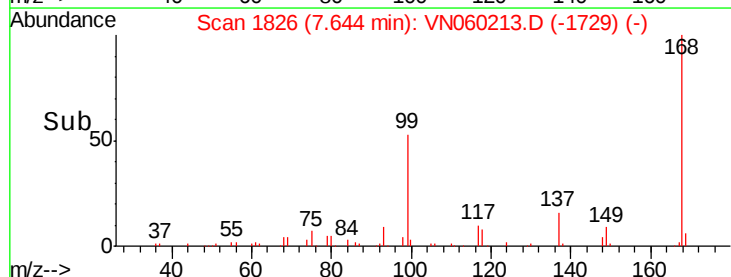
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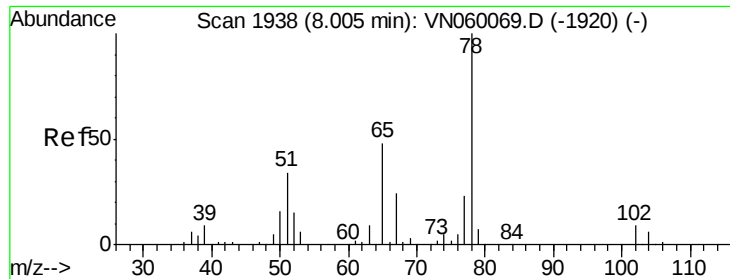
Time-->

7.60

7.65

7.70

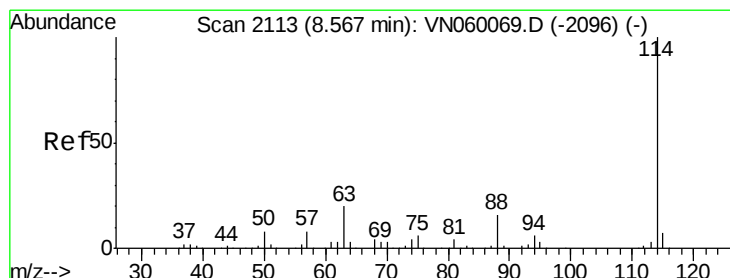
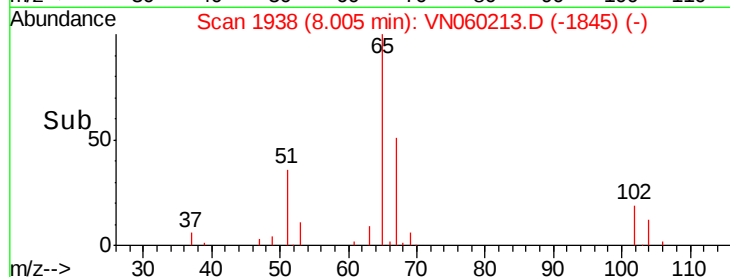
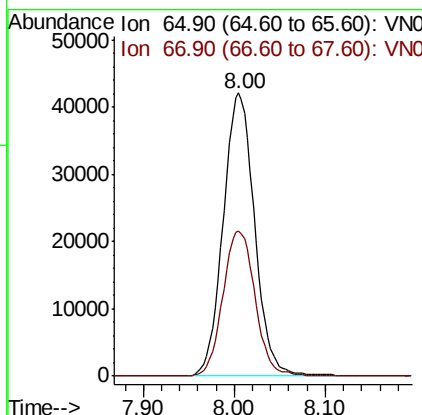
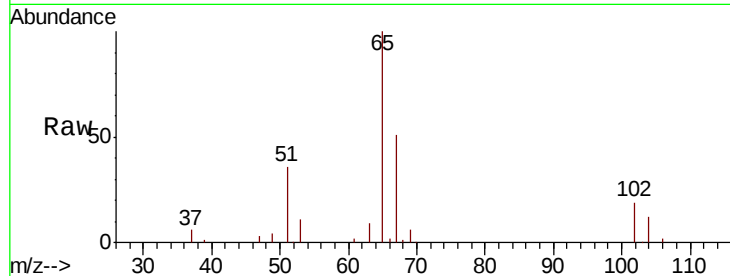




#33
 1,2-Dichloroethane-d4
 Concen: 46.878 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN060213.D
 Acq: 24 Feb 2020 16:44

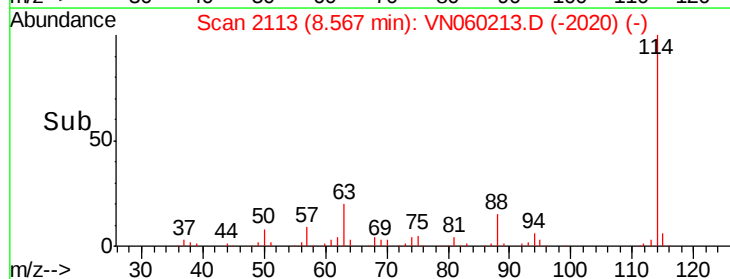
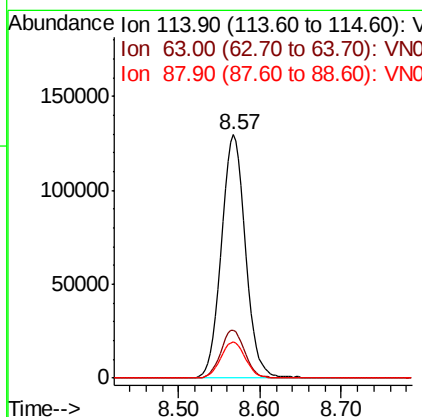
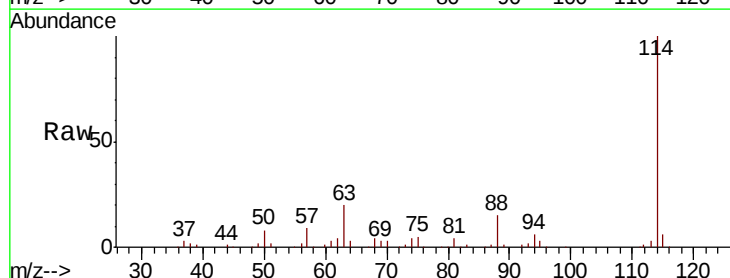
Instrument :
 MSVOA_N
 ClientSampleId :

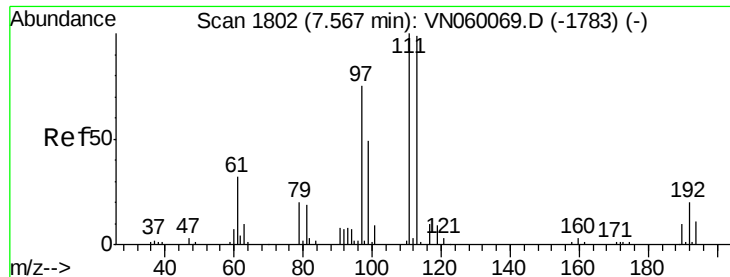
Tot Ion: 65 Resp: 100895
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060213.D
 Acq: 24 Feb 2020 16:44

Tgt Ion: 114 Resp: 272330
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.0
 88 14.9 0.0 31.6

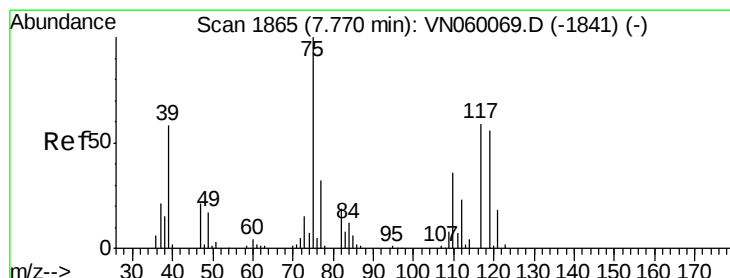
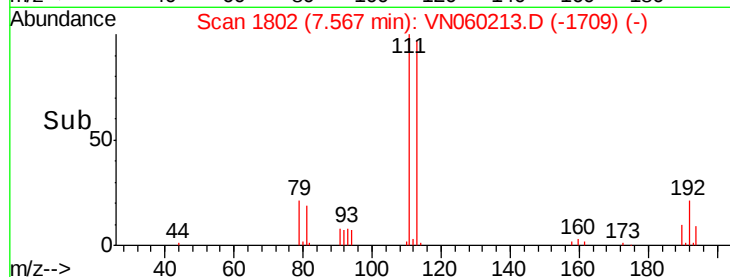
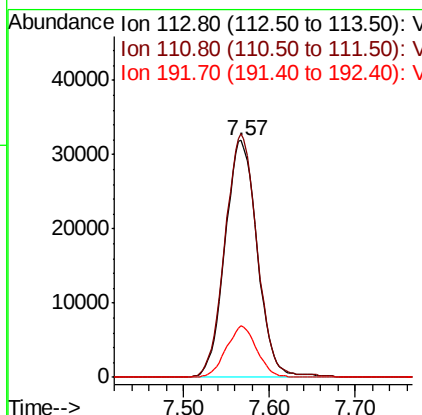
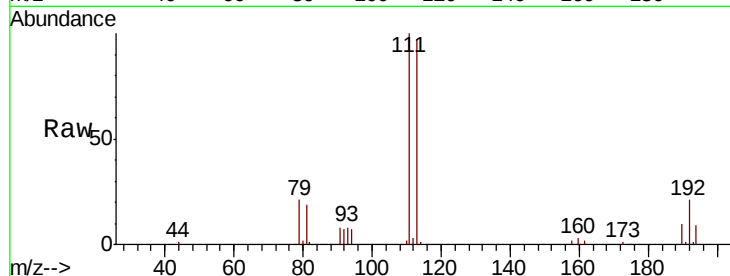




#35
 Dibromofluoromethane
 Concen: 49.735 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN060213.D
 Acq: 24 Feb 2020 16:44

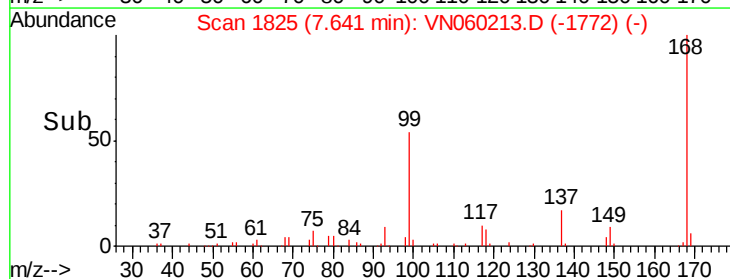
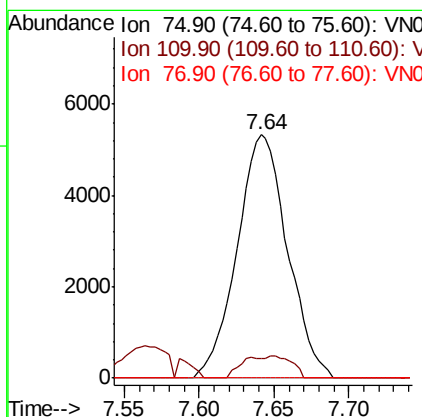
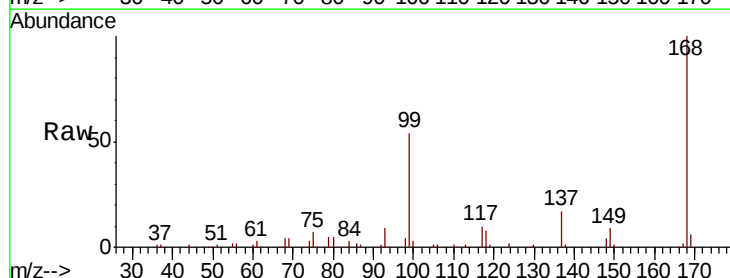
Instrument :
 MSVOA_N
 ClientSampleId :

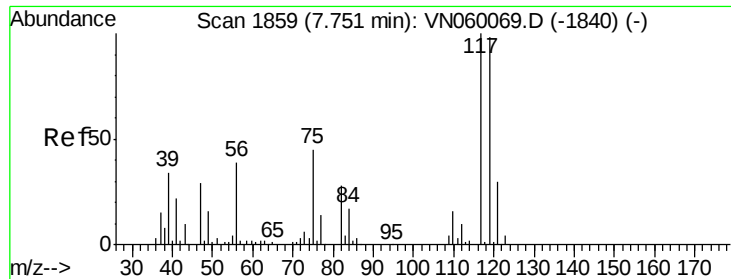
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.4	122.2
192	20.4	16.2	24.2



#36
 1,1-Dichloropropene
 Concen: 4.944 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN060213.D
 Acq: 24 Feb 2020 16:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	3.8	18.1	54.3#
77	0.0	25.1	37.7#

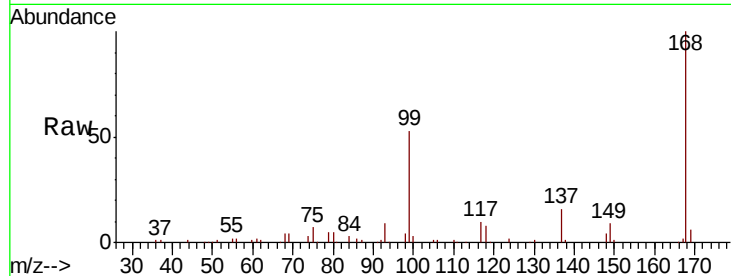




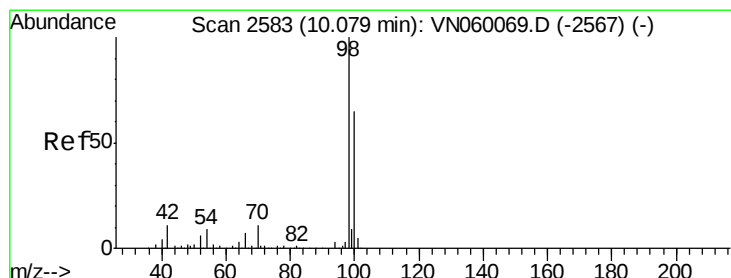
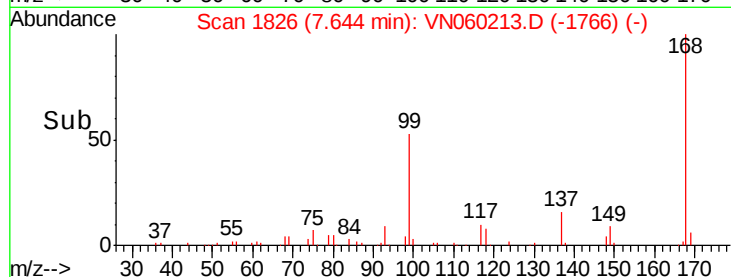
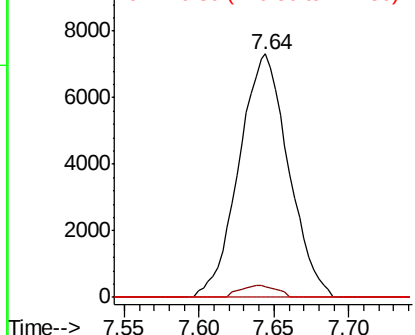
#38
Carbon Tetrachloride
Concen: 6.130 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.11 min
Lab File: VN060213.D
Acq: 24 Feb 2020 16:44

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 16793
Ion Ratio Lower Upper
117 100
119 4.5 78.2 117.4#
121 0.0 24.2 36.2#

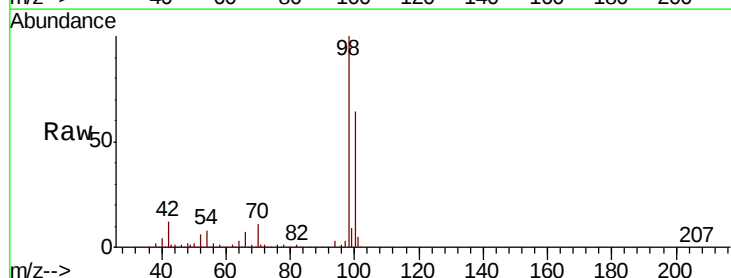


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

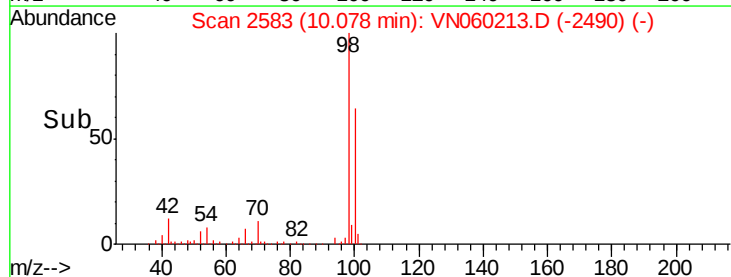
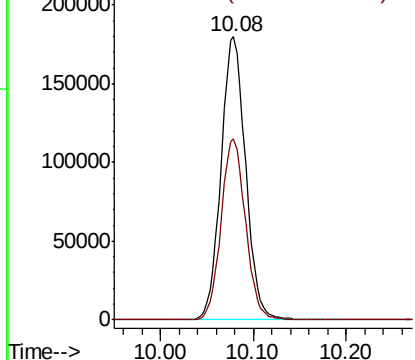


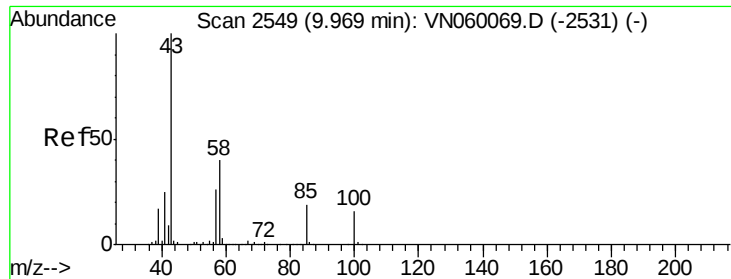
#50
Toluene-d8
Concen: 50.095 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN060213.D
Acq: 24 Feb 2020 16:44

Tgt Ion: 98 Resp: 330232
Ion Ratio Lower Upper
98 100
100 63.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN
Ion 100.00 (99.70 to 100.70): VN





#51

4-Methyl-2-Pentanone

Concen: 0.251 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.01 min

Lab File: VN060213.D

Acq: 24 Feb 2020 16:44

Instrument :

MSVOA_N

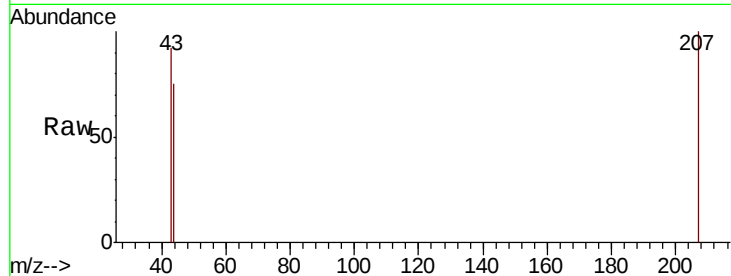
ClientSampled :

Tot Ion: 43 Resp: 567

Ion Ratio Lower Upper

43 100

58 0.0 31.8 47.8#



Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-2531) (-)

Ion 58.00 (57.70 to 58.70): VN060069.D (-2531) (-)

9.98

250

200

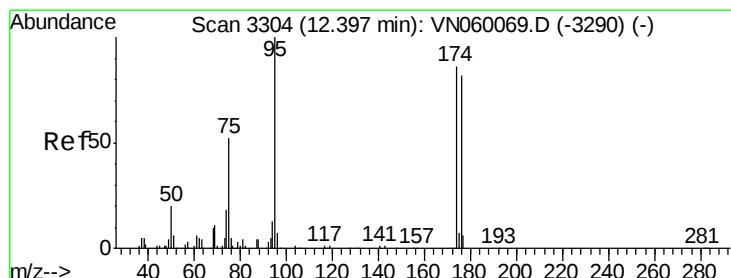
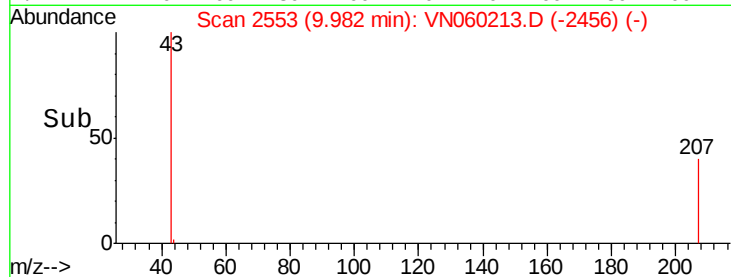
150

100

50

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.719 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060213.D

Acq: 24 Feb 2020 16:44

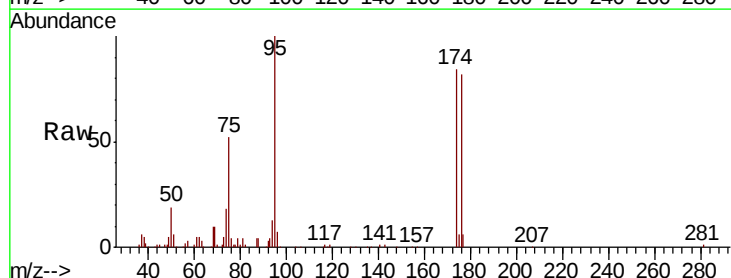
Tgt Ion: 95 Resp: 115591

Ion Ratio Lower Upper

95 100

174 86.0 0.0 169.8

176 82.7 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN060069.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN060069.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN060069.D (-3290) (-)

12.40

80000

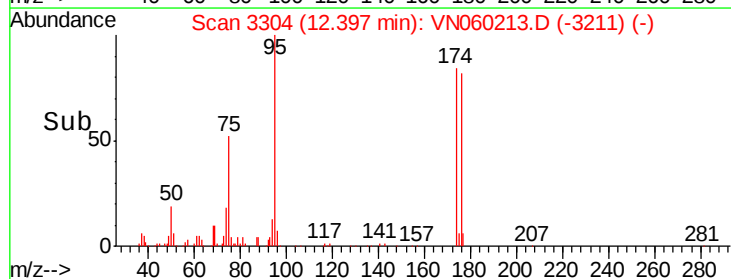
60000

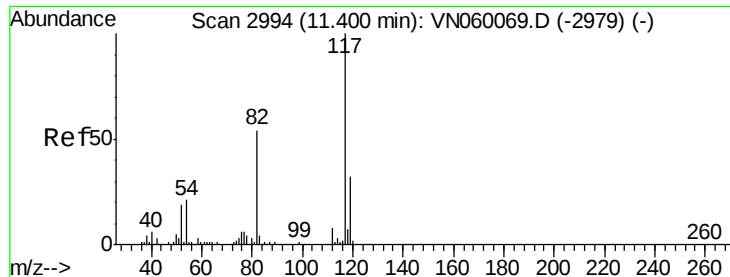
40000

20000

0

Time-->

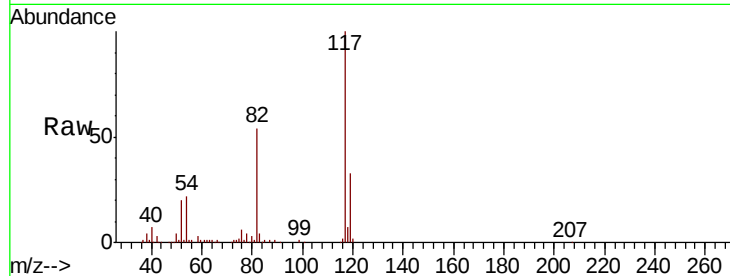




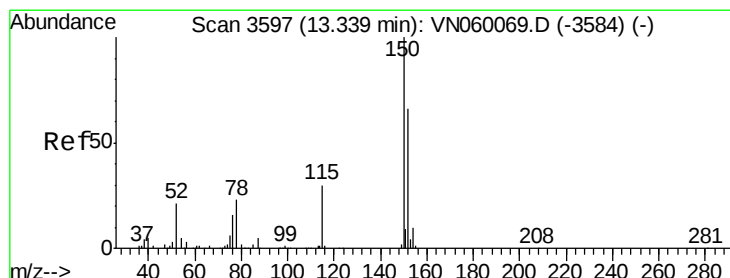
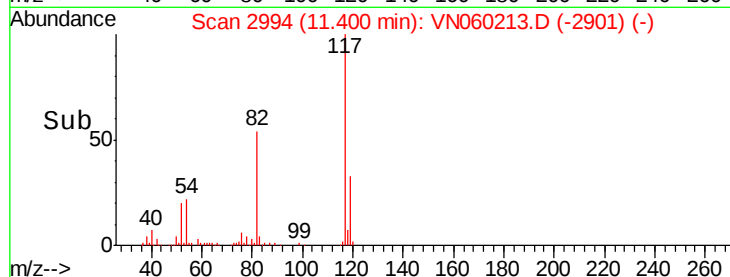
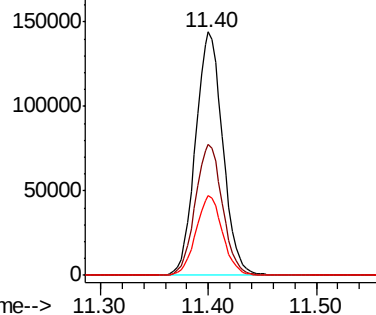
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060213.D
Acq: 24 Feb 2020 16:44

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 252600
Ion Ratio Lower Upper
117 100
82 53.8 43.4 65.0
119 32.6 25.8 38.6

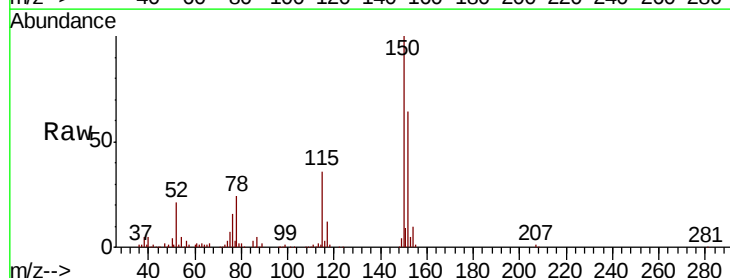


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

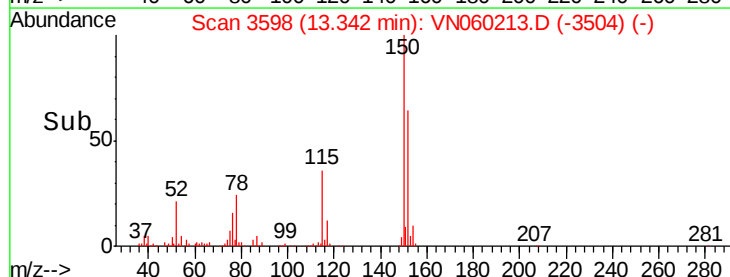
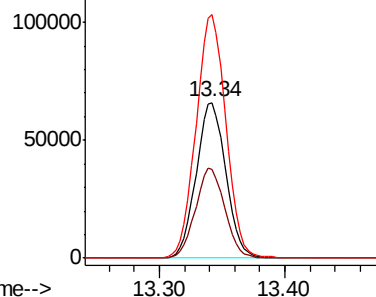


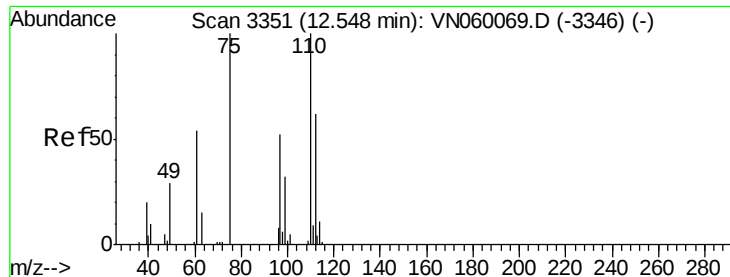
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN060213.D
Acq: 24 Feb 2020 16:44

Tgt Ion:152 Resp: 108064
Ion Ratio Lower Upper
152 100
115 57.2 28.9 86.8
150 157.8 0.0 342.4



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: 28.764 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN060213.D

Acq: 24 Feb 2020 16:44

Instrument :

MSVOA_N

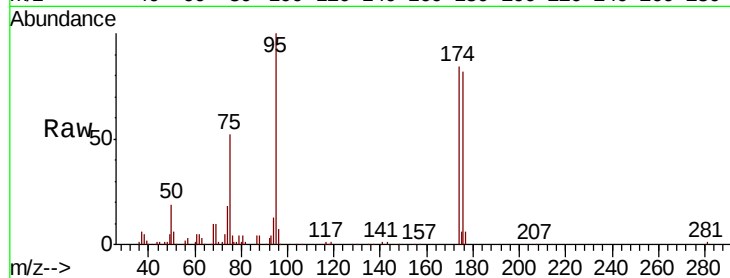
ClientSampleId :

Tot Ion: 75 Resp: 59470

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#

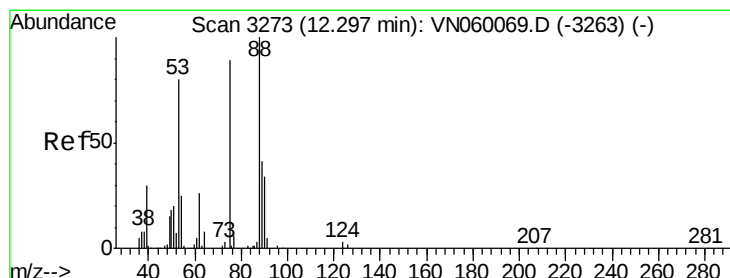
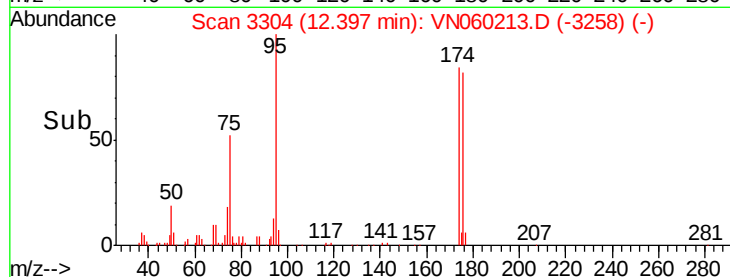


Abundance Ion 74.90 (74.60 to 75.60): VN060069.D (-3346) (-)

Ion 77.00 (76.70 to 77.70): VN060069.D (-3346) (-)

12.40

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 70.429 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN060213.D

Acq: 24 Feb 2020 16:44

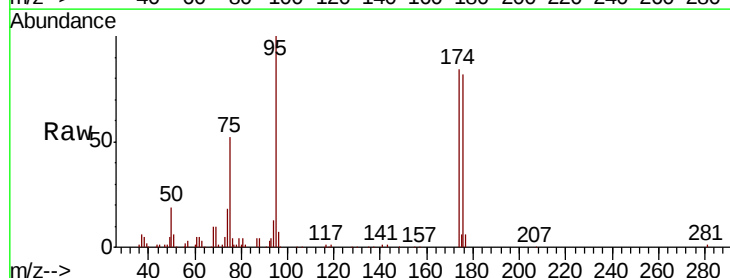
Tgt Ion: 75 Resp: 59470

Ion Ratio Lower Upper

75 100

53 0.0 73.9 110.9#

89 0.0 37.0 55.4#



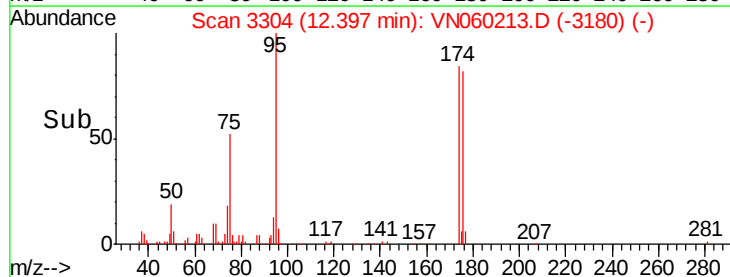
Abundance Ion 74.90 (74.60 to 75.60): VN060069.D (-3263) (-)

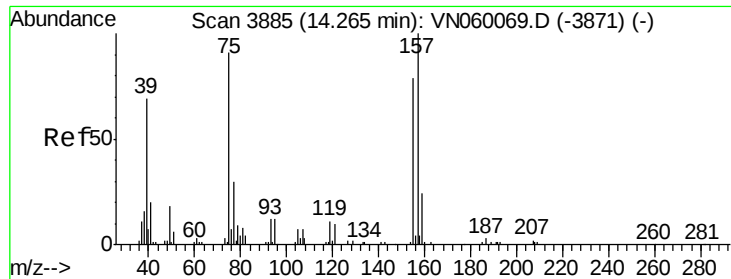
Ion 53.00 (52.70 to 53.70): VN060069.D (-3263) (-)

Ion 88.90 (88.60 to 89.60): VN060069.D (-3263) (-)

12.40

Time-->





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.35 min Scan# 3912

Delta R.T. 0.09 min

Lab File: VN060213.D

Acq: 24 Feb 2020 16:44

Instrument :

MSVOA_N

ClientSampleId :

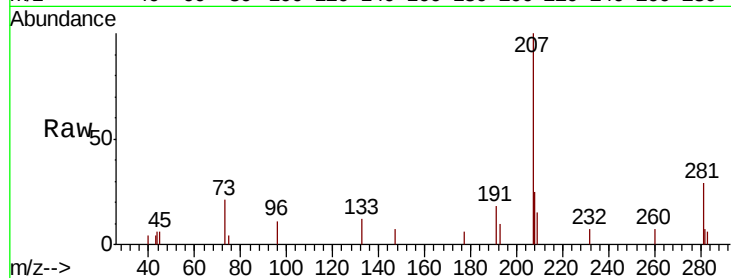
Tot Ion: 75 Resp: 61

Ion Ratio Lower Upper

75 100

155 0.0 43.0 129.0#

157 0.0 54.9 164.5#



Abundance Ion 74.90 (74.60 to 75.60): VN060213.D (-3791) (-)

Ion 154.80 (154.50 to 155.50): VN060213.D (-3791) (-)

Ion 156.80 (156.50 to 157.50): VN060213.D (-3791) (-)

