

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN010219\
 Data File : VN053237.D
 Acq On : 2 Jan 2019 10:10
 Operator : MD\SY
 Sample : VN0102WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0102WBL01

Quant Time: Jan 03 01:21:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1150808	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1781069	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1600640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	650227	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	556293	47.63	ug/l	0.00
Spiked Amount			Recovery	=	95.26%	
35) Dibromofluoromethane	7.59	113	512486	62.99	ug/l	0.00
Spiked Amount			Recovery	=	125.98%	
50) Toluene-d8	10.09	98	2174688	49.79	ug/l	0.00
Spiked Amount			Recovery	=	99.58%	
62) 4-Bromofluorobenzene	12.40	95	724290	47.24	ug/l	0.00
Spiked Amount			Recovery	=	94.48%	

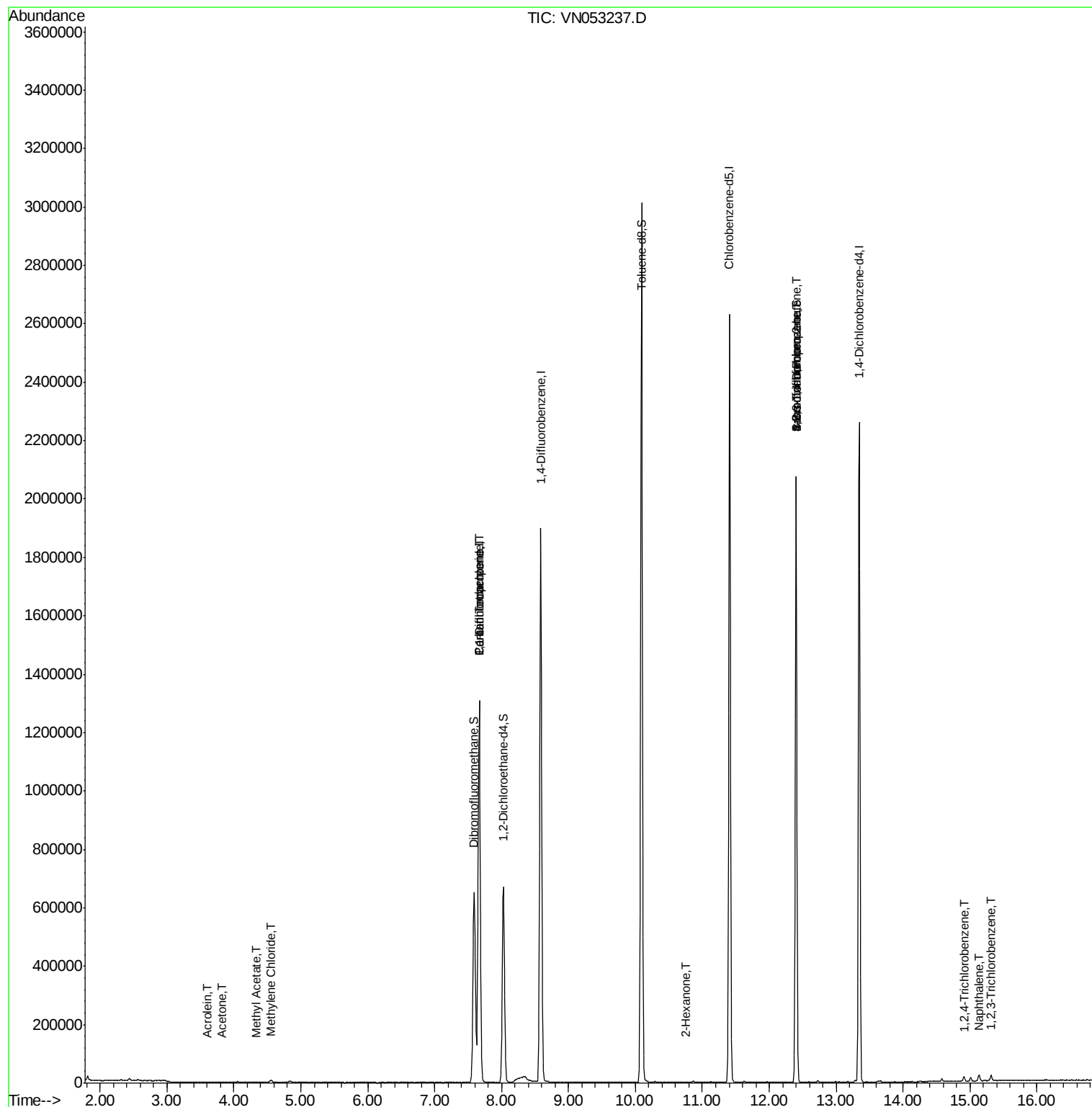
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.61	56	437	0.676	ug/l #	70
16) Acetone	3.82	43	2634	1.150	ug/l	99
18) Methyl Acetate	4.32	43	3367	1.309	ug/l #	62
20) Methylene Chloride	4.55	84	6958	0.557	ug/l #	78
31) Cyclohexane	7.66	56	18356	Below Cal	#	1
36) 1,1-Dichloropropene	7.67	75	76654	4.484	ug/l #	48
38) Carbon Tetrachloride	7.67	117	99481	6.349	ug/l #	16
43) Isopropyl Acetate	8.20	43	5856	Below Cal	#	53
59) 2-Hexanone	10.75	43	2091	0.334	ug/l #	56
71) Bromoform	12.40	173	4431	0.497	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	339216	30.990	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	339216	99.885	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.91	180	5486	1.061	ug/l	90
94) Hexachlorobutadiene	15.02	225	2752	Below Cal		84
95) Naphthalene	15.14	128	18244	1.844	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	7936	1.255	ug/l	98

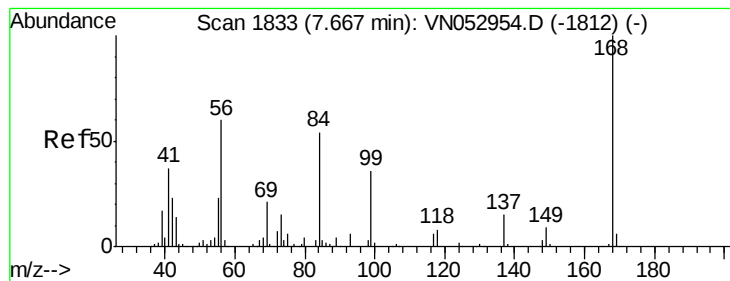
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN010219\
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Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053237.D

Acq: 2 Jan 2019 10:10

Instrument :

MSVOA_N

ClientSampleId :

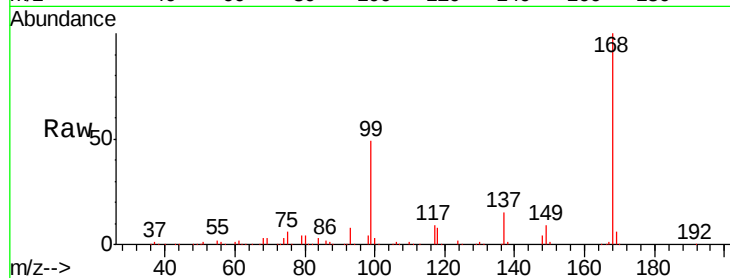
VN0102WBL01

Tgt Ion:168 Resp: 1150808

Ion Ratio Lower Upper

168 100

99 48.9 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

500000

400000

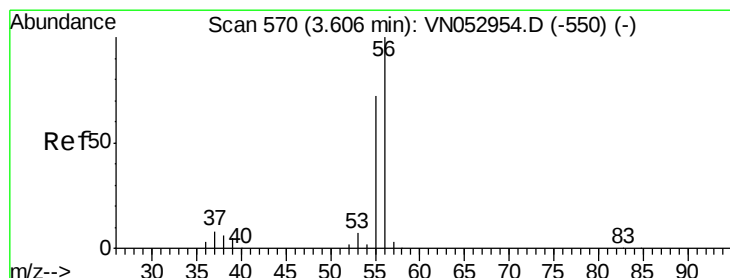
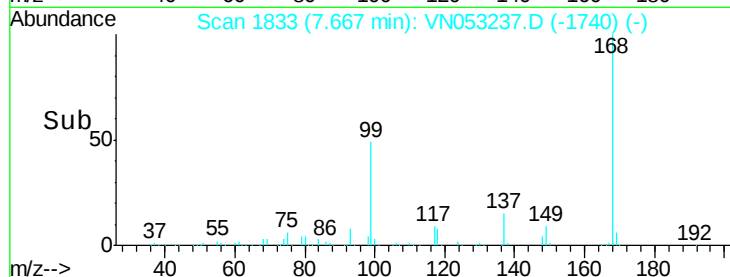
300000

200000

100000

0

Time-->



#13

Acrolein

Concen: 0.676 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN053237.D

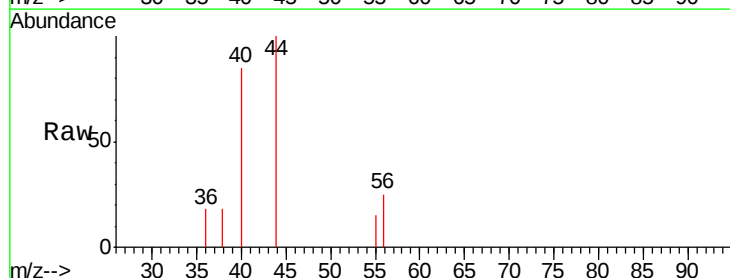
Acq: 2 Jan 2019 10:10

Tgt Ion: 56 Resp: 437

Ion Ratio Lower Upper

56 100

55 46.2 56.6 85.0#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.61

300

250

200

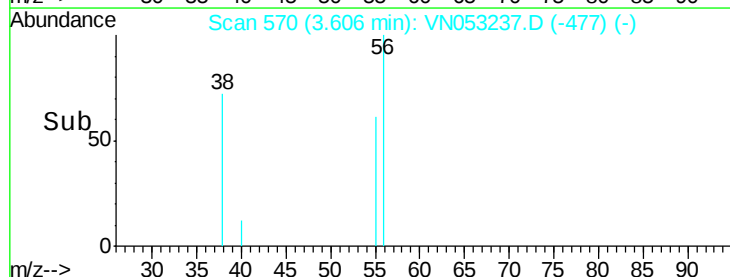
150

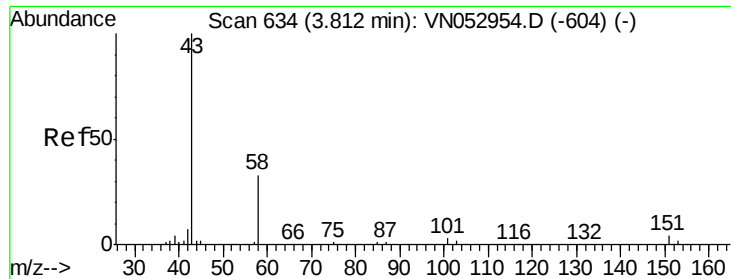
100

50

0

Time-->





#16

Acetone

Concen: 1.150 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053237.D

Acq: 2 Jan 2019 10:10

Instrument :

MSVOA_N

ClientSampleId :

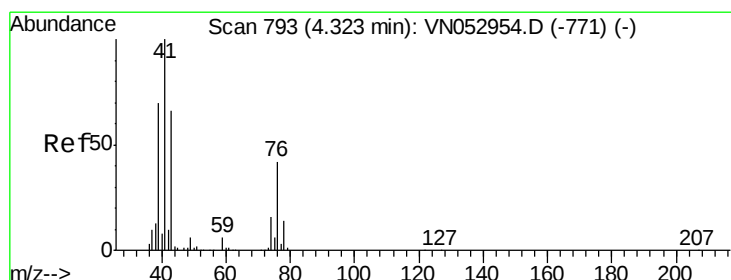
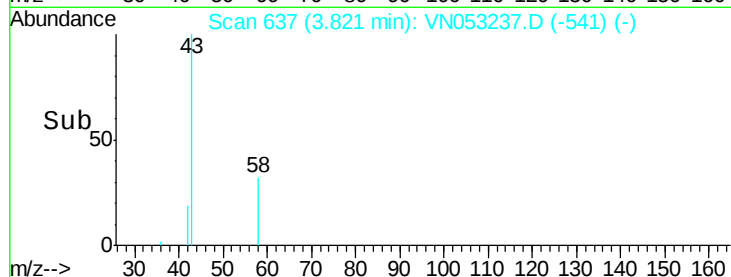
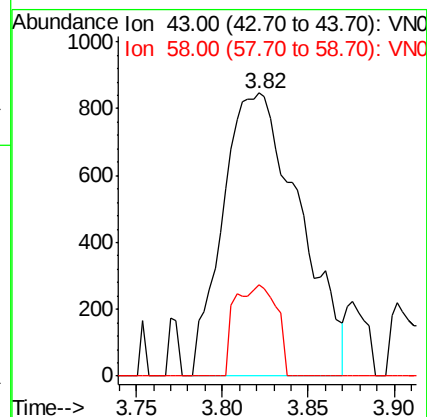
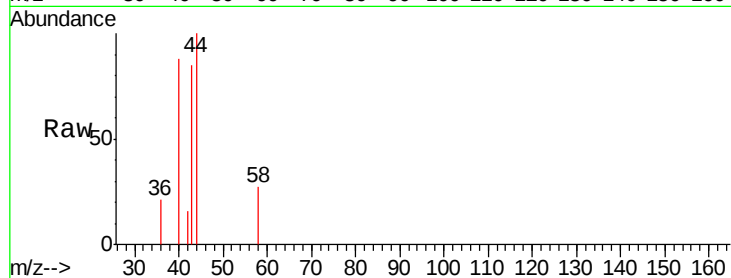
VN0102WBL01

Tgt Ion: 43 Resp: 2634

Ion Ratio Lower Upper

43 100

58 32.1 25.4 38.0



#18

Methyl Acetate

Concen: 1.309 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.00 min

Lab File: VN053237.D

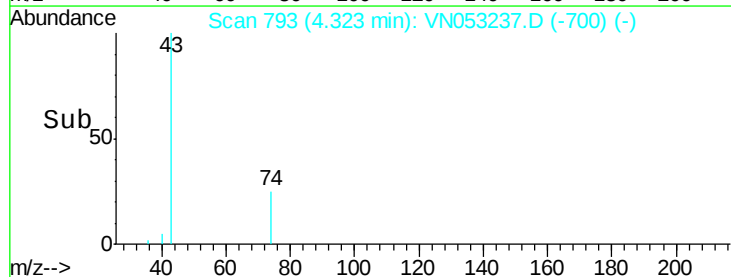
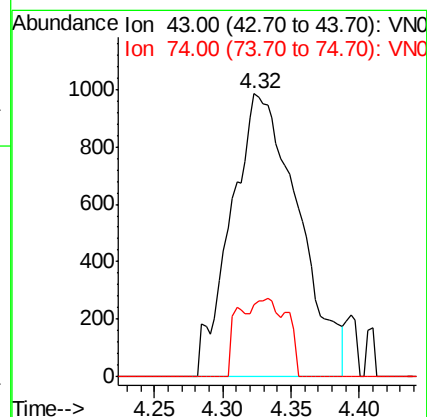
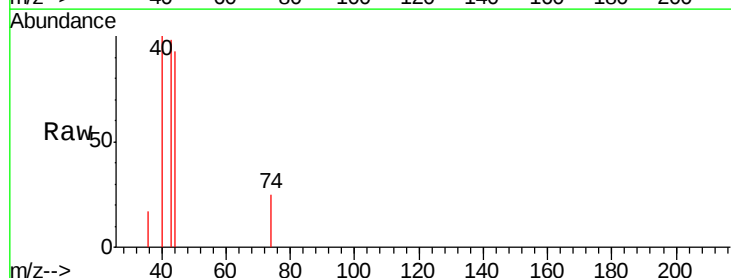
Acq: 2 Jan 2019 10:10

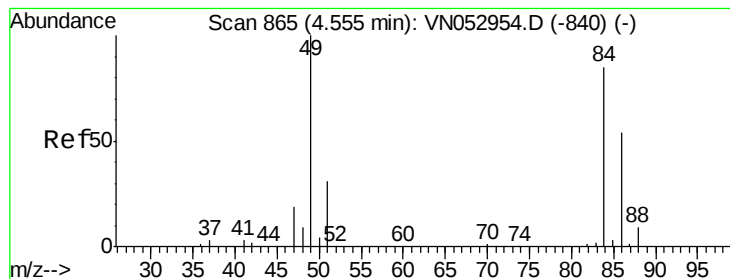
Tgt Ion: 43 Resp: 3367

Ion Ratio Lower Upper

43 100

74 5.2 19.2 28.8#





#20

Methylene Chloride

Concen: 0.557 ug/l

RT: 4.55 min Scan# 864

Delta R.T. -0.00 min

Lab File: VN053237.D

Acq: 2 Jan 2019 10:10

Instrument :

MSVOA_N

ClientSampleId :

VN0102WBL01

Tgt Ion: 84 Resp: 6958

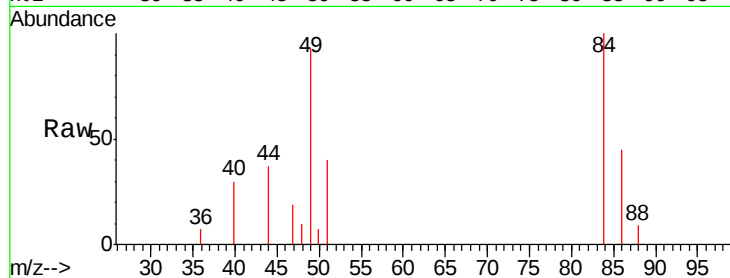
Ion Ratio Lower Upper

84 100

49 92.9 96.8 145.2#

51 40.1 29.9 44.9

86 44.8 51.8 77.6#

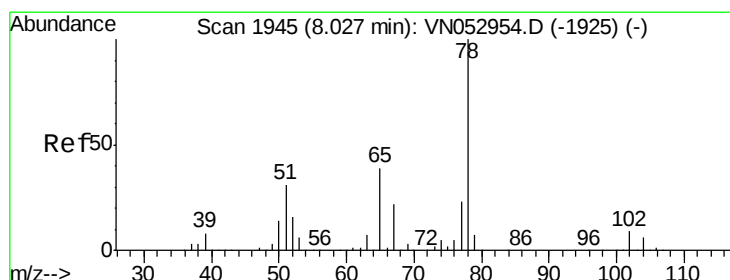
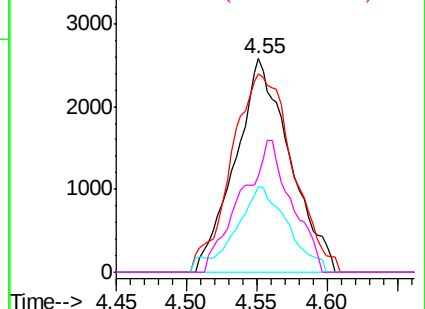
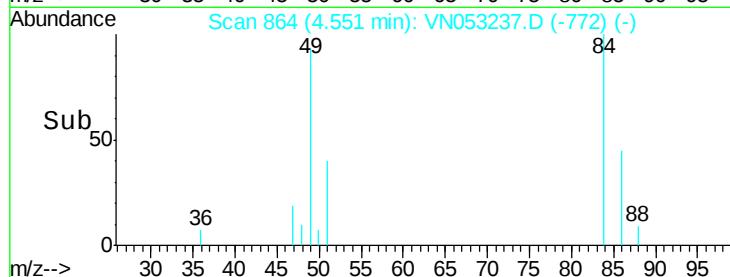


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN053237.D

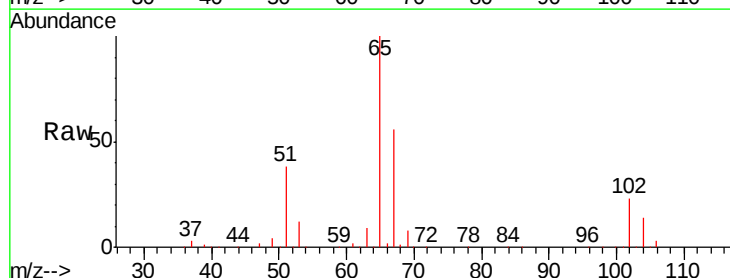
Acq: 2 Jan 2019 10:10

Tgt Ion: 65 Resp: 556293

Ion Ratio Lower Upper

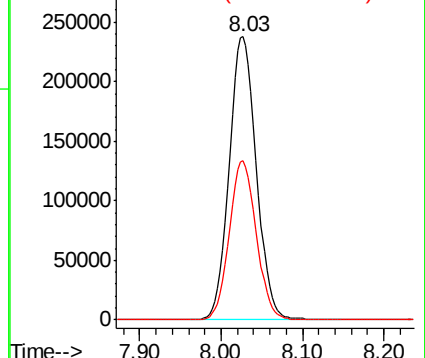
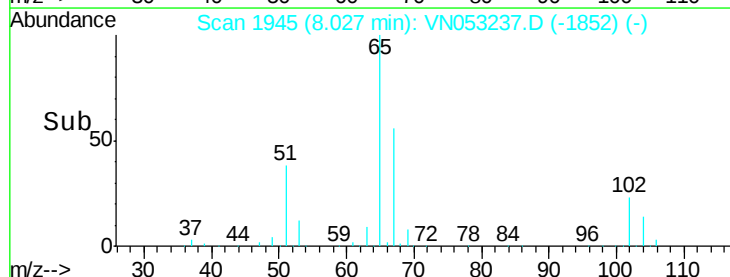
65 100

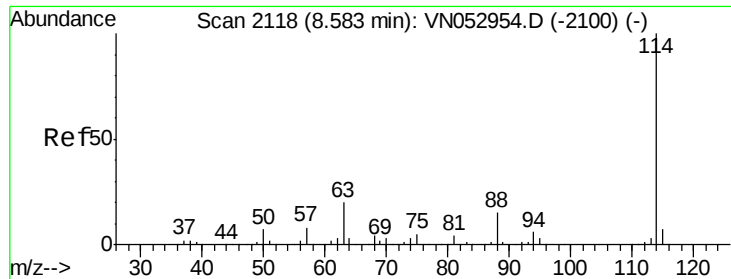
67 56.0 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

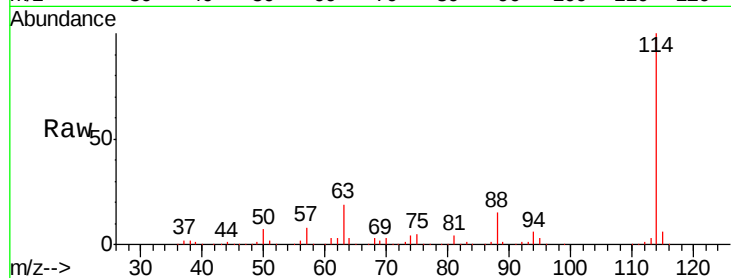




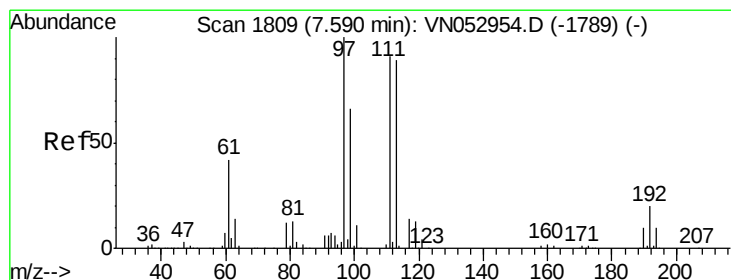
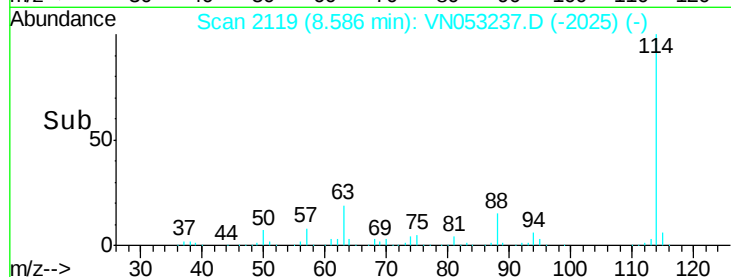
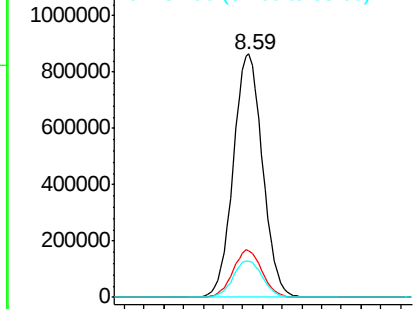
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053237.D
 Acq: 2 Jan 2019 10:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0102WBL01

Tgt Ion:114 Resp: 1781069
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.8
 88 14.8 0.0 31.0

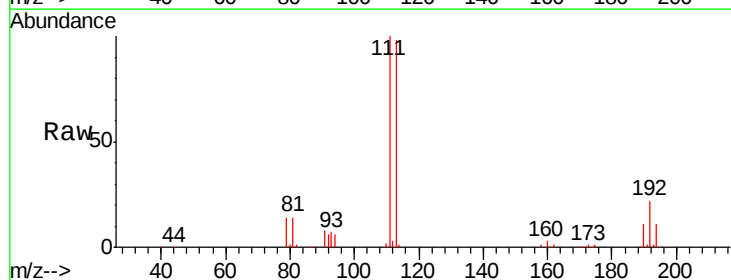


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN0
 Ion 87.90 (87.60 to 88.60): VN0

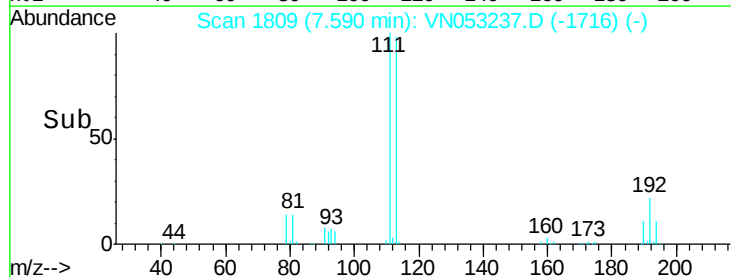
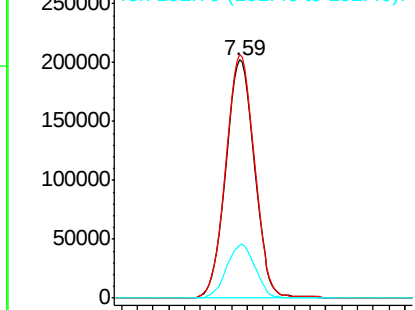


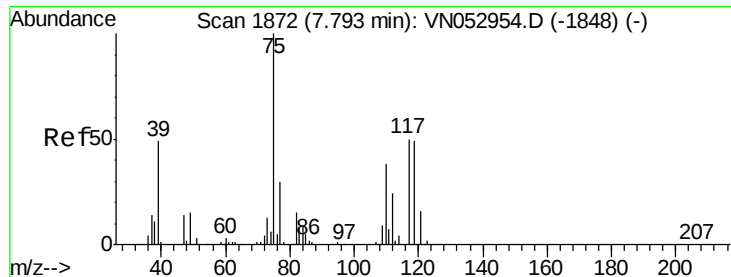
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053237.D
 Acq: 2 Jan 2019 10:10

Tgt Ion:113 Resp: 512486
 Ion Ratio Lower Upper
 113 100
 111 102.2 83.0 124.4
 192 22.5 17.5 26.3



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

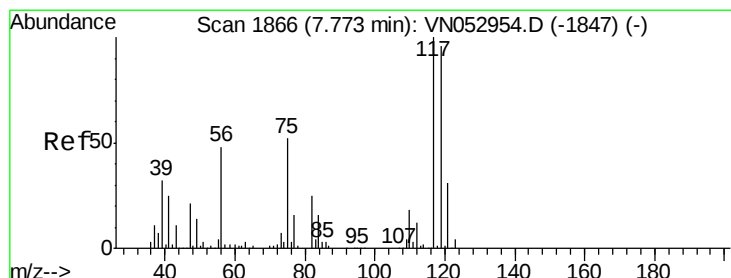
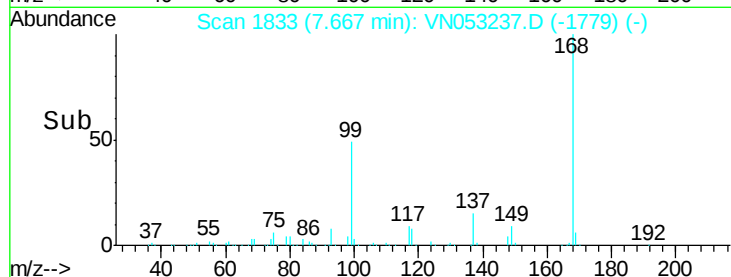
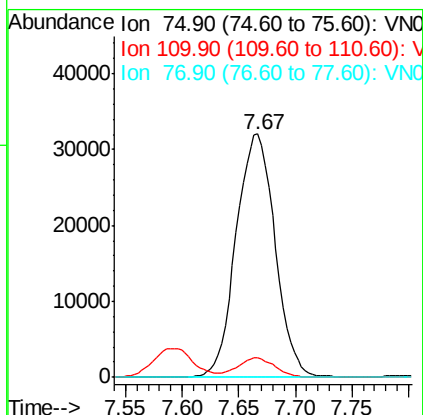
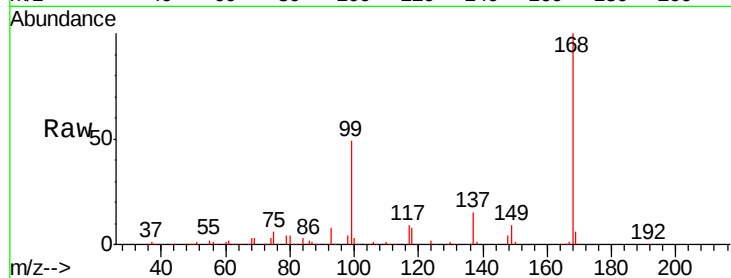




#36
 1,1-Dichloropropene
 Concen: 4.484 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN053237.D
 Acq: 2 Jan 2019 10:10

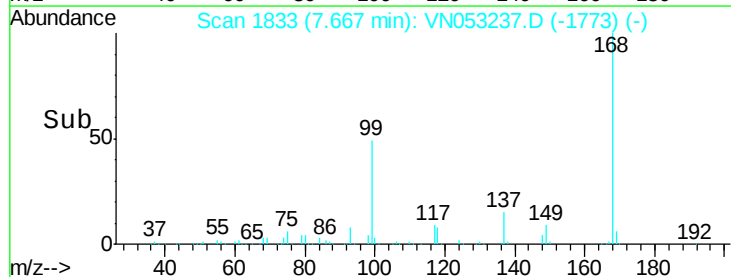
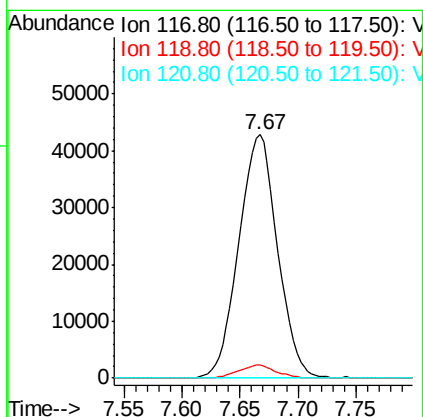
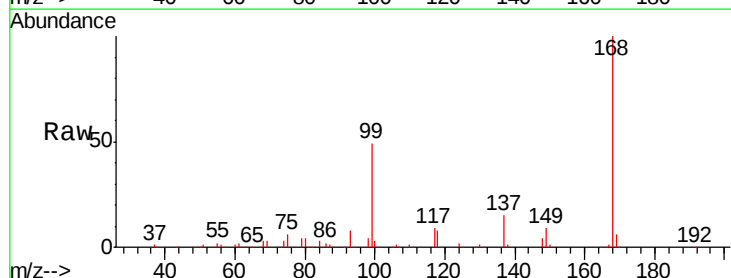
Instrument :
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 ClientSampleId :
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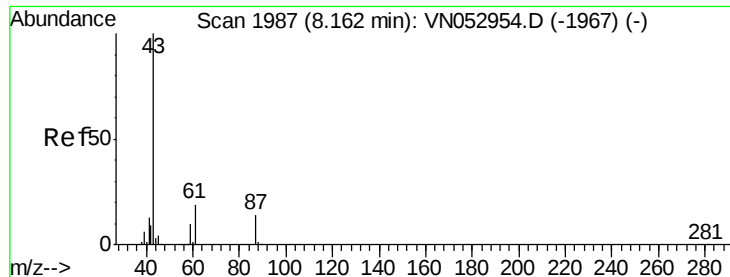
Tgt Ion: 75 Resp: 76654
 Ion Ratio Lower Upper
 75 100
 110 7.6 18.2 54.6#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 6.349 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN053237.D
 Acq: 2 Jan 2019 10:10

Tgt Ion: 117 Resp: 99481
 Ion Ratio Lower Upper
 117 100
 119 5.4 77.1 115.7#
 121 0.0 24.9 37.3#





#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.20 min Scan# 2000

Delta R.T. 0.04 min

Lab File: VN053237.D

Acq: 2 Jan 2019 10:10

Instrument :

MSVOA_N

ClientSampleId :

VN0102WBL01

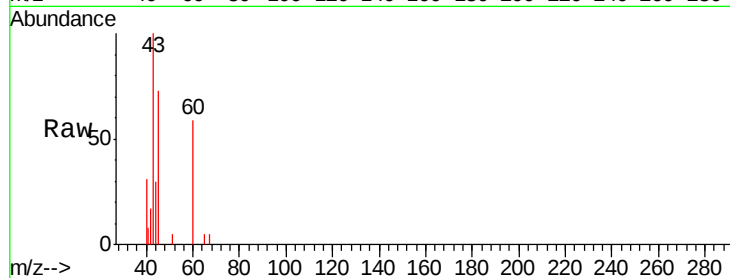
Tgt Ion: 43 Resp: 5856

Ion Ratio Lower Upper

43 100

61 0.0 22.9 34.3#

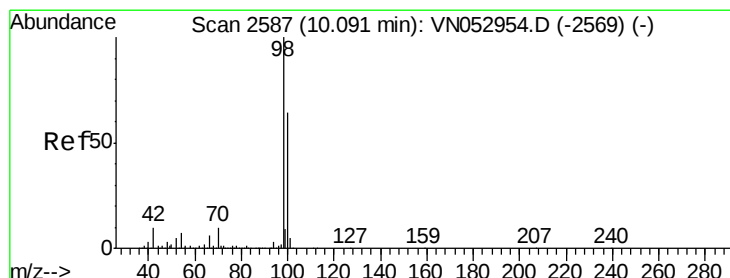
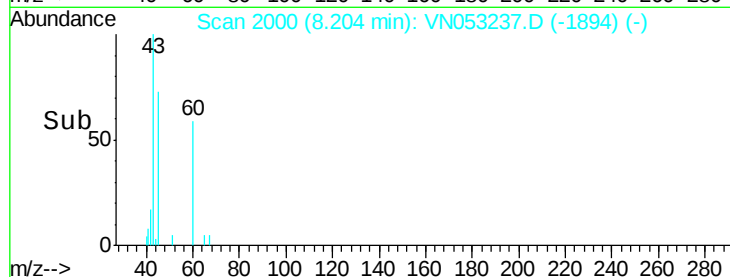
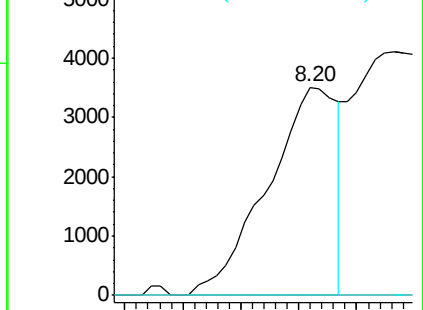
87 0.0 10.6 15.8#



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



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053237.D

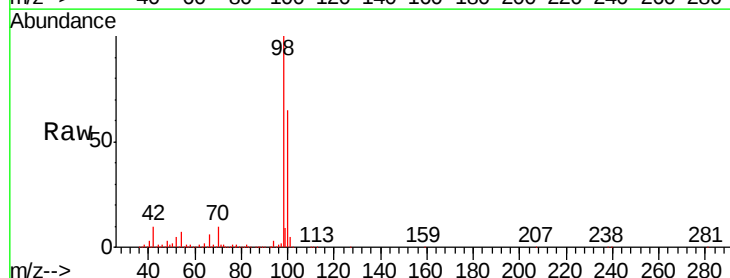
Acq: 2 Jan 2019 10:10

Tgt Ion: 98 Resp: 2174688

Ion Ratio Lower Upper

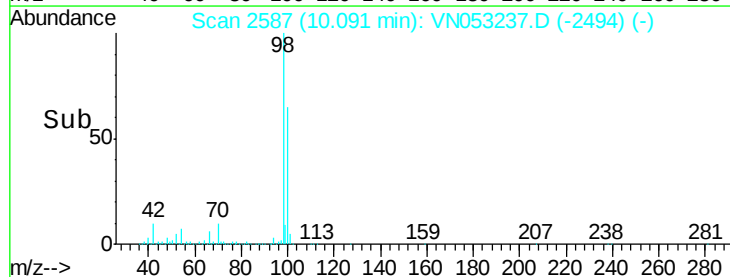
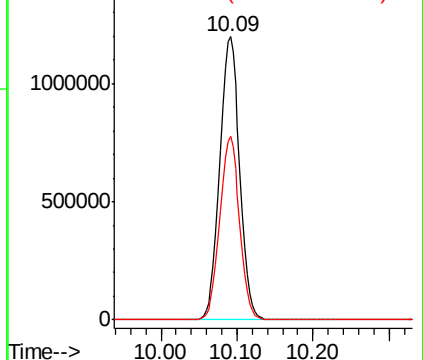
98 100

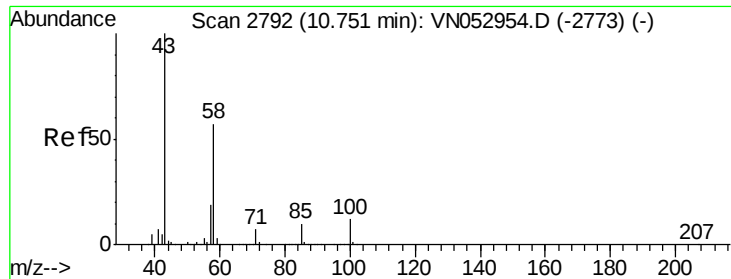
100 64.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

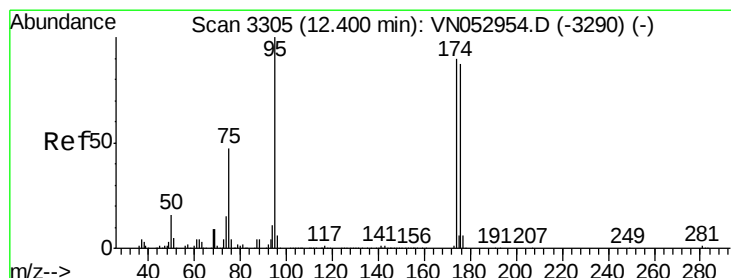
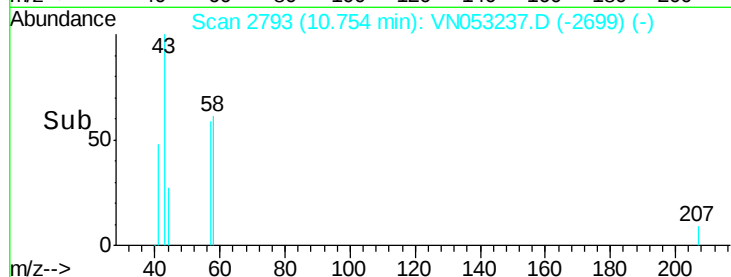
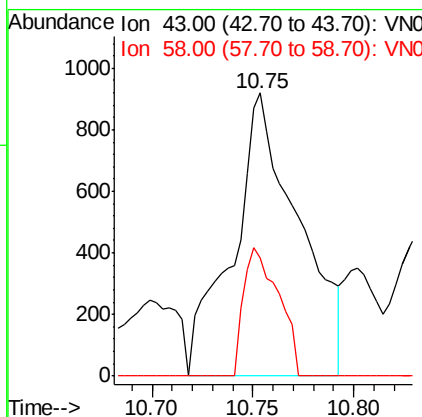
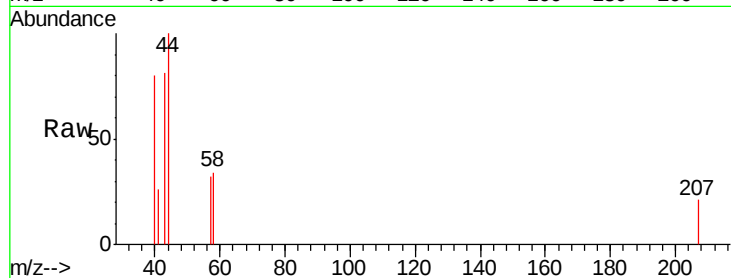




#59
2-Hexanone
Concen: 0.334 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN053237.D
Acq: 2 Jan 2019 10:10

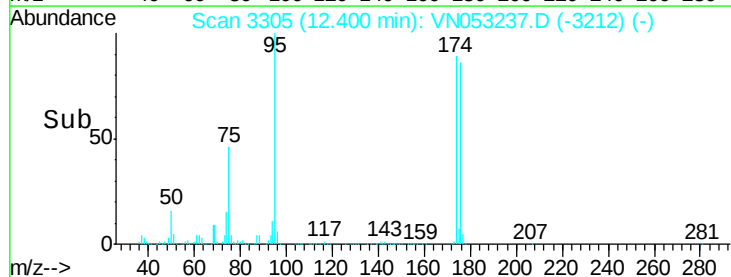
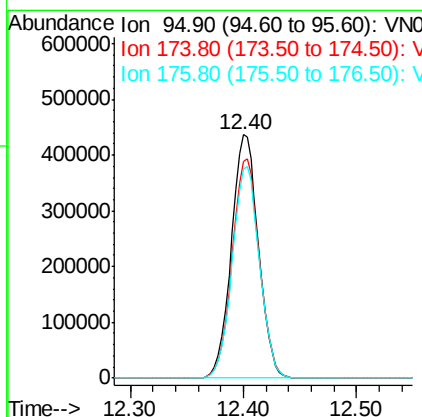
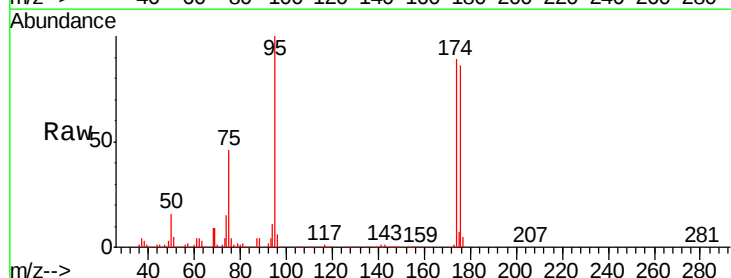
Instrument :
MSVOA_N
ClientSampled :
VN0102WBL01

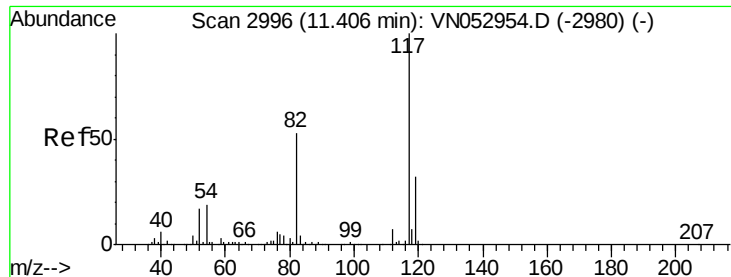
Tgt Ion: 43 Resp: 2091
Ion Ratio Lower Upper
43 100
58 24.3 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053237.D
Acq: 2 Jan 2019 10:10

Tgt Ion: 95 Resp: 724290
Ion Ratio Lower Upper
95 100
174 90.5 0.0 178.8
176 87.5 0.0 173.8

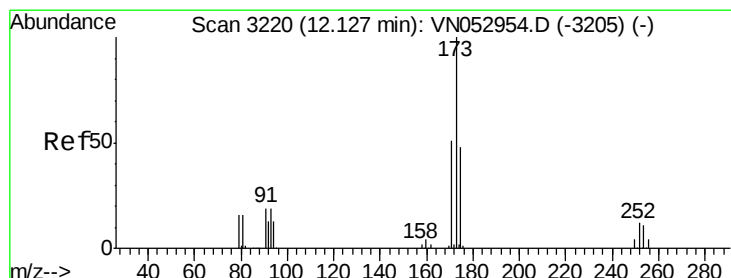
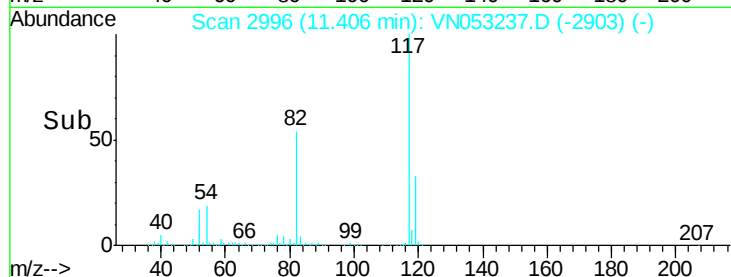
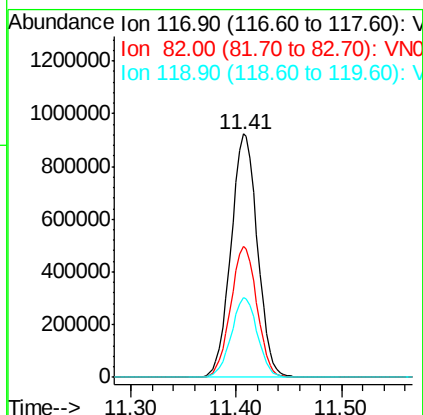
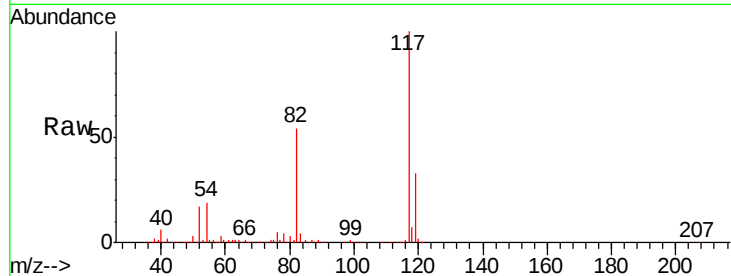




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053237.D
Acq: 2 Jan 2019 10:10

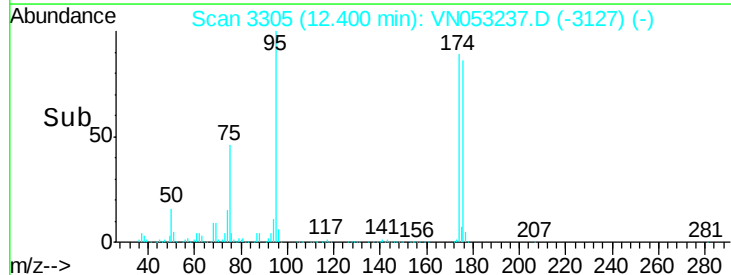
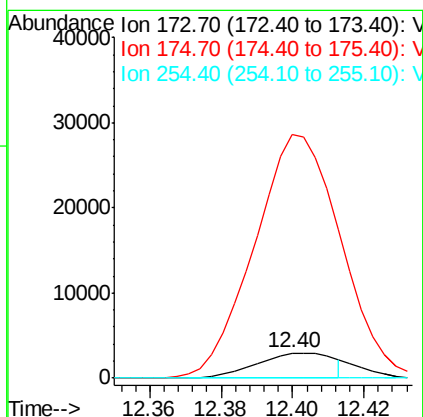
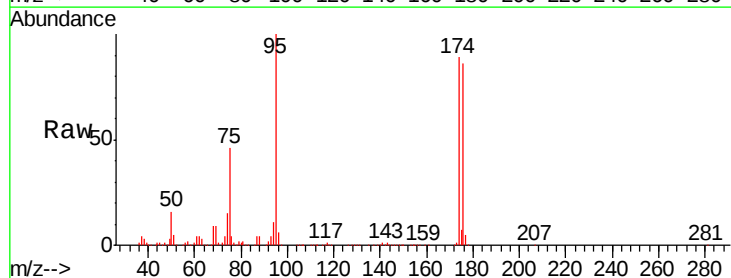
Instrument :
MSVOA_N
ClientSampleId :
VN0102WBL01

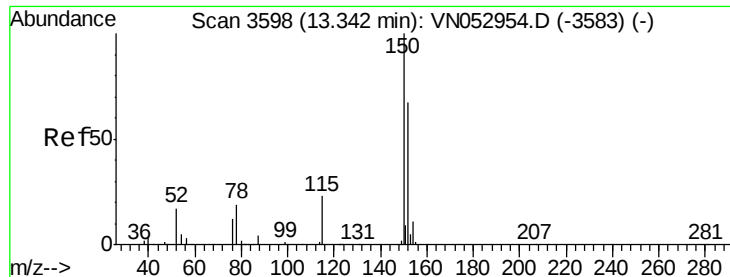
Tgt Ion:117 Resp: 1600640
Ion Ratio Lower Upper
117 100
82 53.7 42.8 64.2
119 32.5 25.5 38.3



#71
Bromoform
Concen: 0.497 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN053237.D
Acq: 2 Jan 2019 10:10

Tgt Ion:173 Resp: 4431
Ion Ratio Lower Upper
173 100
175 949.4 24.3 72.9#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053237.D

Acq: 2 Jan 2019 10:10

Instrument :

MSVOA_N

ClientSampleId :

VN0102WBL01

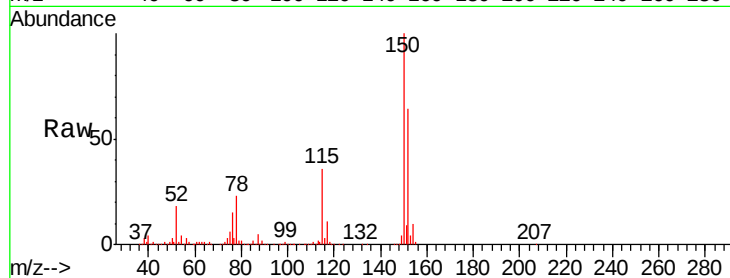
Tgt Ion:152 Resp: 650227

Ion Ratio Lower Upper

152 100

115 56.0 28.3 85.0

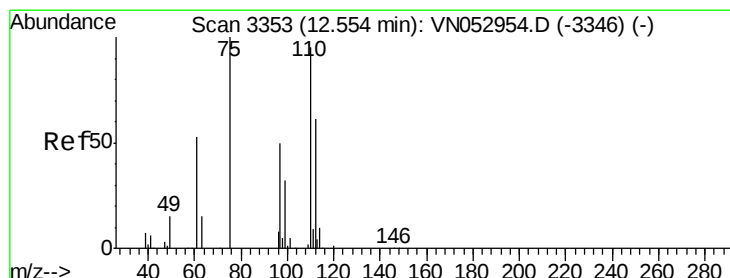
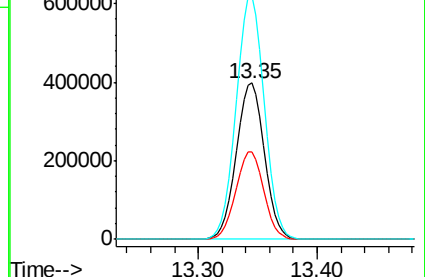
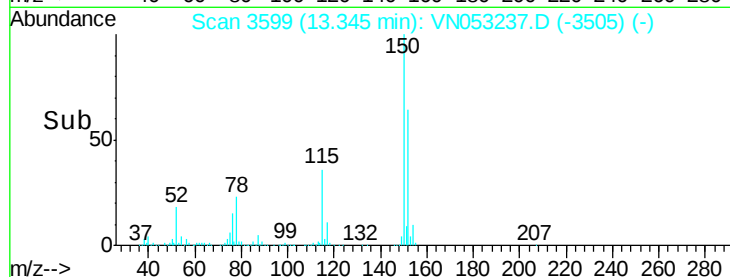
150 156.1 0.0 347.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 30.990 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053237.D

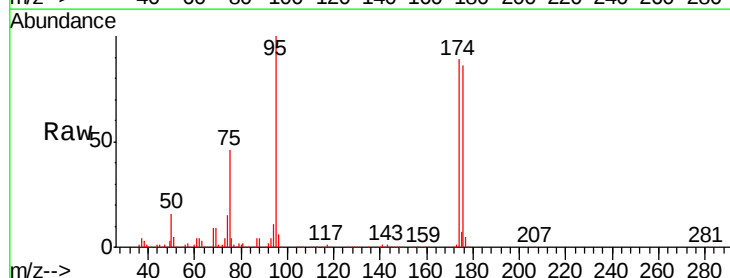
Acq: 2 Jan 2019 10:10

Tgt Ion: 75 Resp: 339216

Ion Ratio Lower Upper

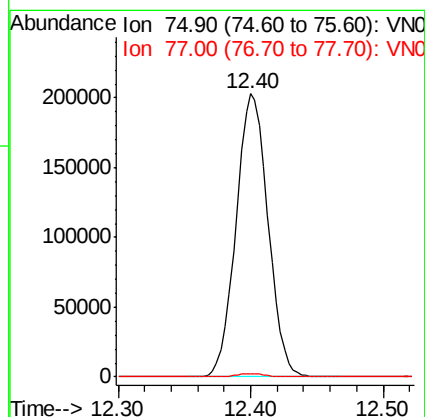
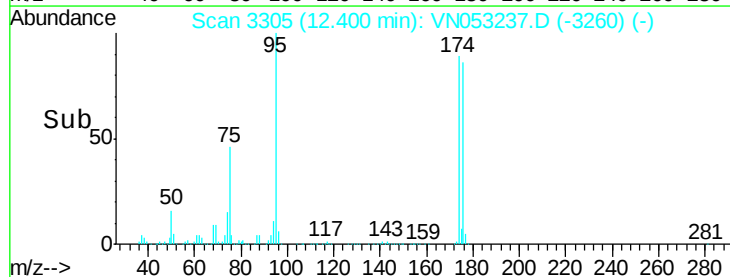
75 100

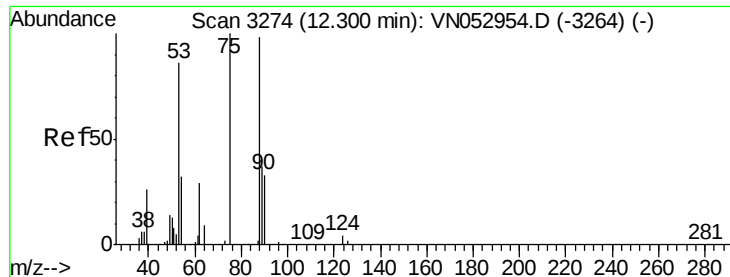
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 99.885 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053237.D

Acq: 2 Jan 2019 10:10

Instrument :

MSVOA_N

ClientSampleId :

VN0102WBL01

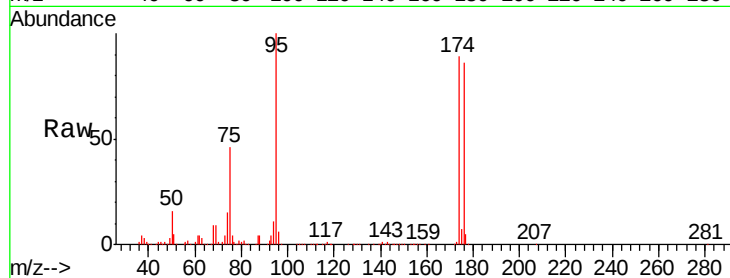
Tgt Ion: 75 Resp: 339216

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

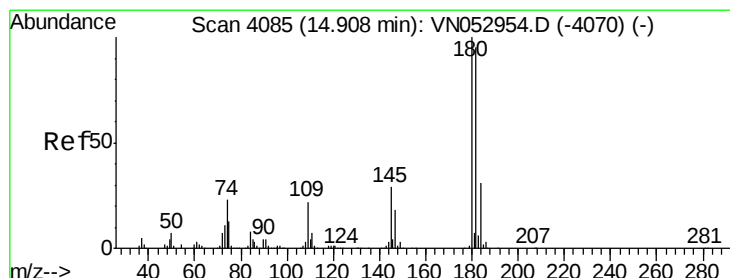
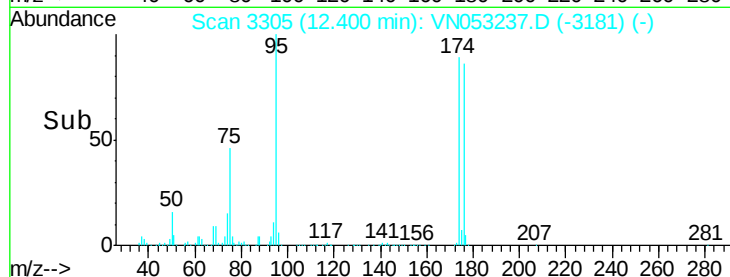
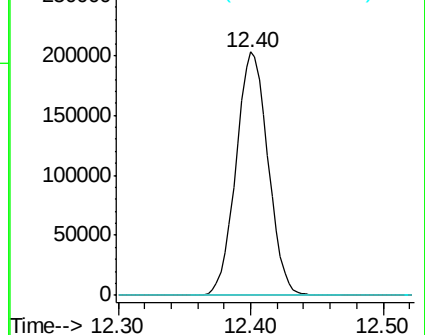
89 0.0 36.1 54.1#



Abundance Ion 74.90 (74.60 to 75.60): VN053237.D (-3305) (-)

Ion 53.00 (52.70 to 53.70): VN053237.D (-3305) (-)

Ion 88.90 (88.60 to 89.60): VN053237.D (-3305) (-)



#93

1,2,4-Trichlorobenzene

Concen: 1.061 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN053237.D

Acq: 2 Jan 2019 10:10

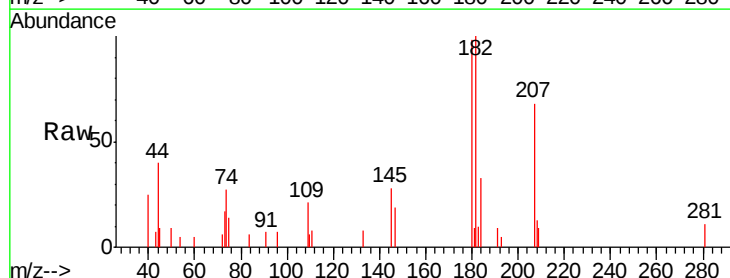
Tgt Ion: 180 Resp: 5486

Ion Ratio Lower Upper

180 100

182 107.2 47.8 143.3

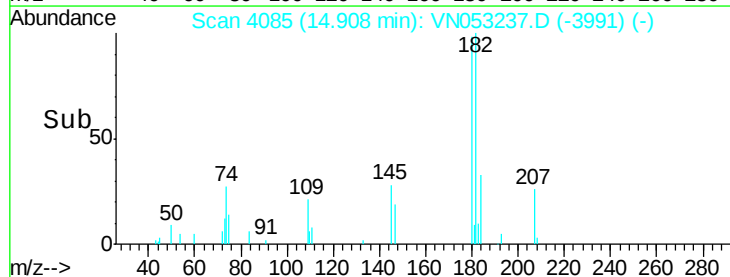
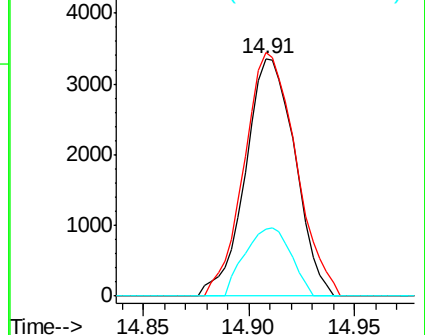
145 26.8 14.2 42.6

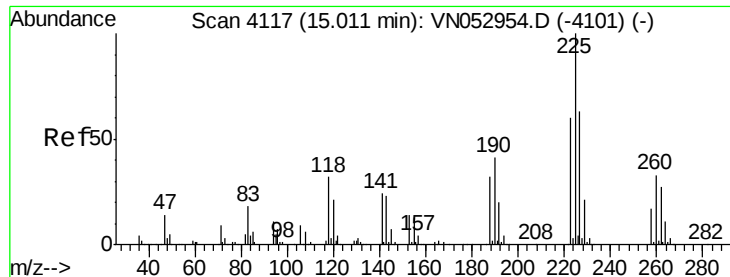


Abundance Ion 179.80 (179.50 to 180.50): VN052954.D (-4085) (-)

Ion 181.80 (181.50 to 182.50): VN052954.D (-4085) (-)

Ion 144.80 (144.50 to 145.50): VN052954.D (-4085) (-)





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.02 min Scan# 4119

Delta R.T. 0.01 min

Lab File: VN053237.D

Acq: 2 Jan 2019 10:10

Instrument :

MSVOA_N

ClientSampleId :

VN0102WBL01

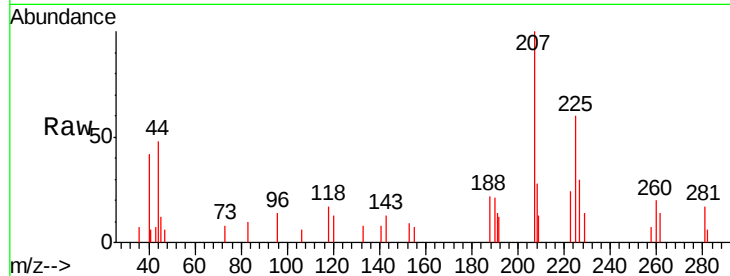
Tgt Ion:225 Resp: 2752

Ion Ratio Lower Upper

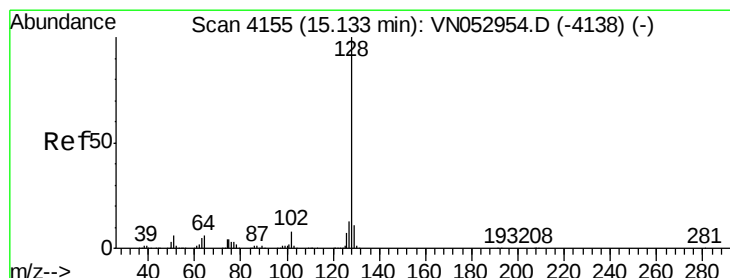
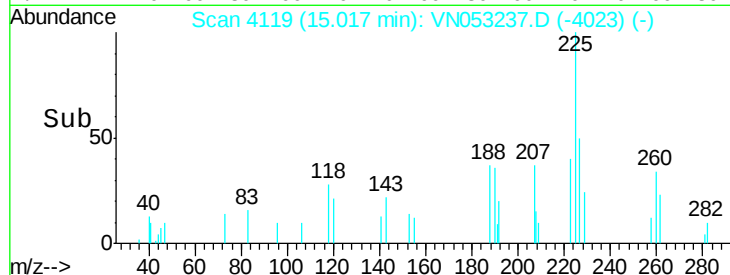
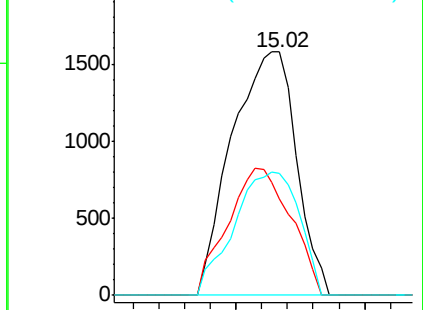
225 100

223 50.9 31.5 94.5

227 51.3 31.9 95.7



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: 1.844 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN053237.D

Acq: 2 Jan 2019 10:10

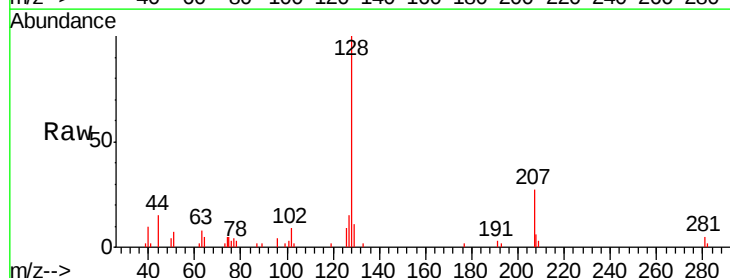
Tgt Ion:128 Resp: 18244

Ion Ratio Lower Upper

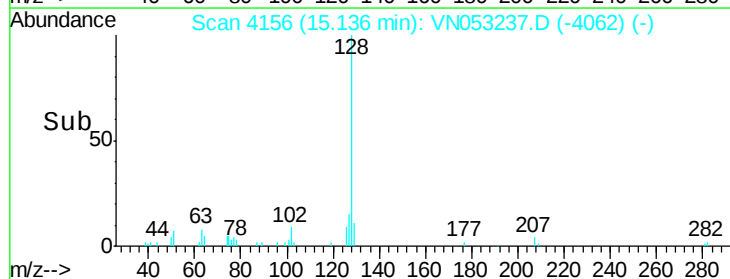
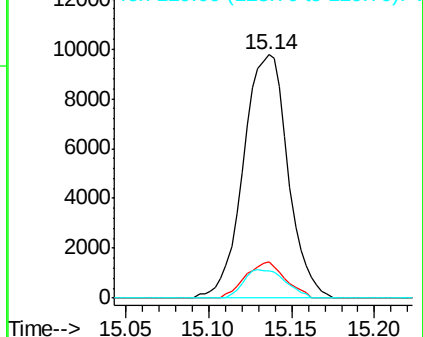
128 100

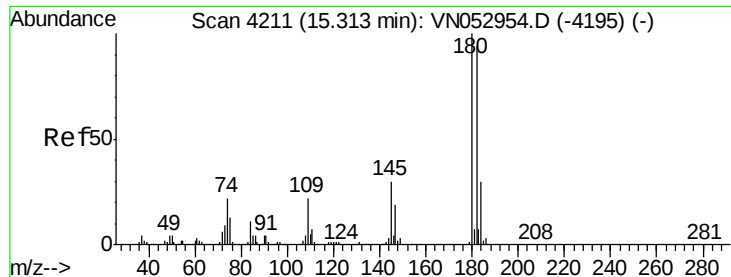
127 13.2 10.2 15.4

129 10.8 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

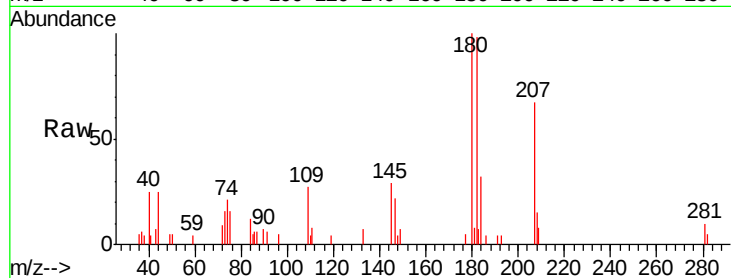




#96
 1,2,3-Trichlorobenzene
 Concen: 1.255 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN053237.D
 Acq: 2 Jan 2019 10:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0102WBL01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.9	143.7
145	27.9	15.0	45.0



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

