

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072518\
 Data File : VN050069.D
 Acq On : 26 Jul 2018 2:23
 Operator : MD\SY
 Sample : J4123-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RO-1-3

Quant Time: Jul 26 07:00:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 24 06:27:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	616139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1021162	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	851786	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	342277	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	435027	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.20%		
35) Dibromofluoromethane	7.59	113	388204	46.56	ug/l	0.00
Spiked Amount 50.000			Recovery =	93.12%		
50) Toluene-d8	10.09	98	1376798	44.92	ug/l	0.00
Spiked Amount 50.000			Recovery =	89.84%		
62) 4-Bromofluorobenzene	12.40	95	393797	39.02	ug/l	0.00
Spiked Amount 50.000			Recovery =	78.04%		

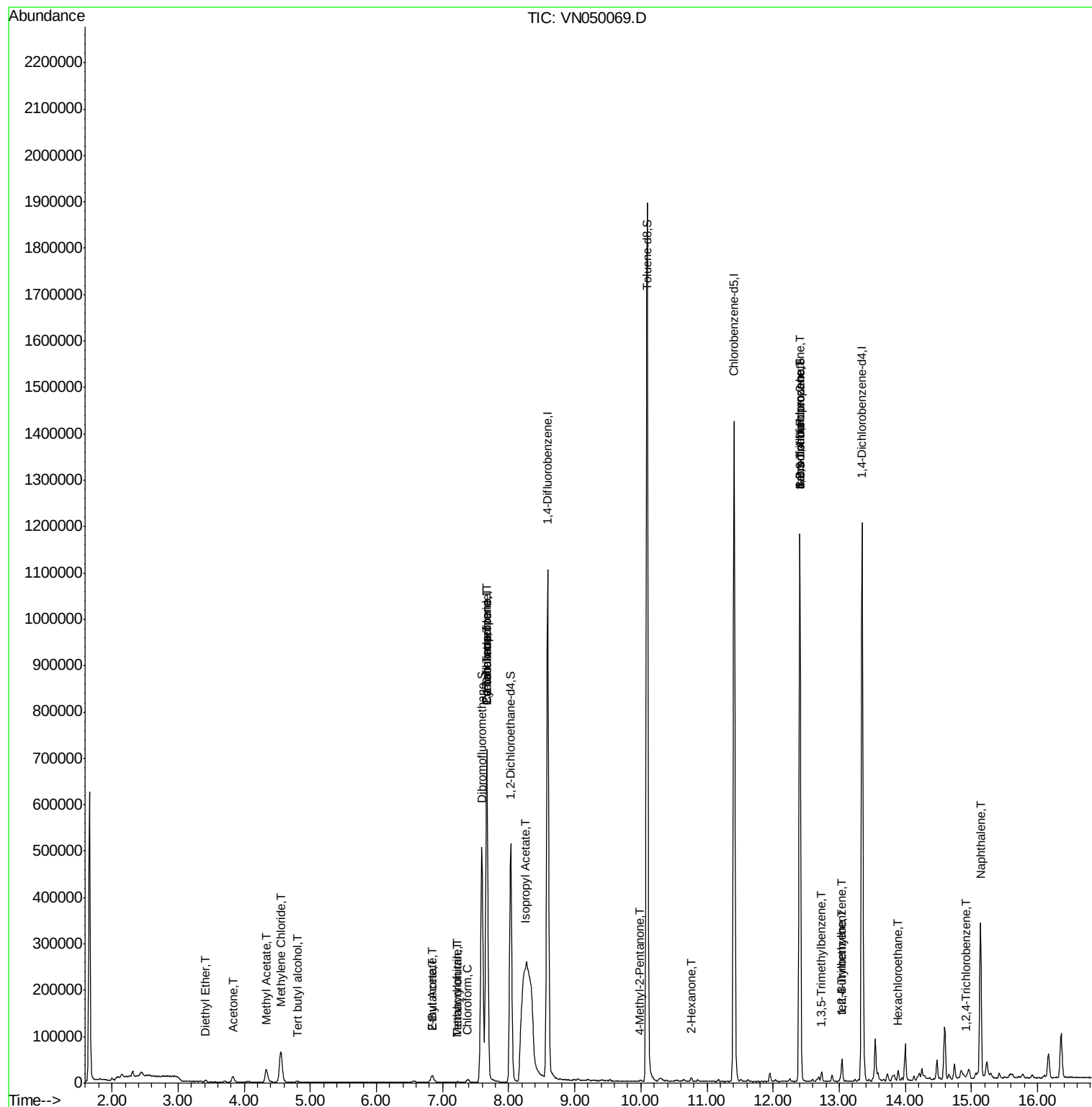
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.55	94	63	Below Cal		99
8) Diethyl Ether	3.41	74	1589	0.36 ug/l	#	41
11) Tert butyl alcohol	4.81	59	301	0.48 ug/l	#	72
16) Acetone	3.83	43	21410	6.34 ug/l		97
18) Methyl Acetate	4.33	43	52555	5.21 ug/l		100
20) Methylene Chloride	4.56	84	52586	5.79 ug/l		95
25) 2-Butanone	6.85	43	14311	4.36 ug/l		99
29) Tetrahydrofuran	7.22	42	1718	0.81 ug/l	#	48
30) Chloroform	7.37	83	6265	0.43 ug/l		89
31) Cyclohexane	7.67	56	11503	0.90 ug/l	#	1
36) 1,1-Dichloropropene	7.67	75	43227	3.76 ug/l	#	48
37) Ethyl Acetate	6.85	43	14311	1.78 ug/l	#	67
38) Carbon Tetrachloride	7.67	117	56338	4.62 ug/l	#	16
41) Methacrylonitrile	7.22	41	497	2.86 ug/l	#	29
43) Isopropyl Acetate	8.24	43	332924	21.37 ug/l	#	61
51) 4-Methyl-2-Pentanone	9.99	43	2186	0.28 ug/l	#	70
59) 2-Hexanone	10.76	43	4842	5.99 ug/l		88
71) Bromoform	12.40	173	3801	0.63 ug/l	#	1
75) 1,1,2,2-Tetrachloroethane	12.55	83	30	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	189787	29.84 ug/l	#	100
80) 1,3,5-Trimethylbenzene	12.74	105	9266	0.44 ug/l		94
81) trans-1,4-Dichloro-2-buten	12.40	75	189787	94.64 ug/l	#	13
83) tert-Butylbenzene	13.04	119	3726	0.20 ug/l	#	61
84) 1,2,4-Trimethylbenzene	13.04	105	26749	1.27 ug/l		94
90) Hexachloroethane	13.89	117	2041	0.45 ug/l	#	4
92) 1,2-Dibromo-3-Chloropropan	14.26	75	207	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	78	3.10 ug/l	#	1
95) Naphthalene	15.14	128	298478	21.82 ug/l		100

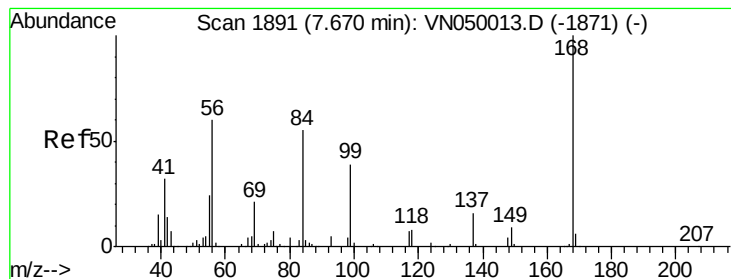
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072518\
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Instrument :
MSVOA_N
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RO-1-3

Quant Time: Jul 26 07:00:54 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 24 06:27:04 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050069.D

Acq: 26 Jul 2018 2:23

Instrument :

MSVOA_N

ClientSampleId :

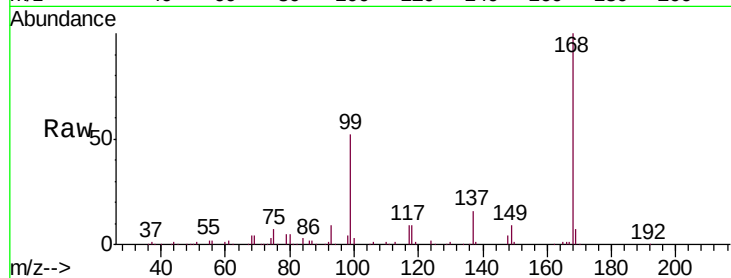
RO-1-3

Tot Ion:168 Resp: 616139

Ion Ratio Lower Upper

168 100

99 51.5 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

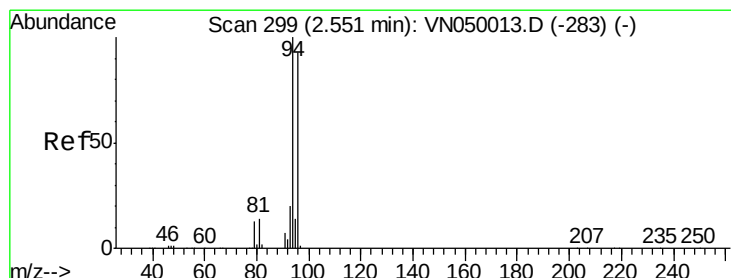
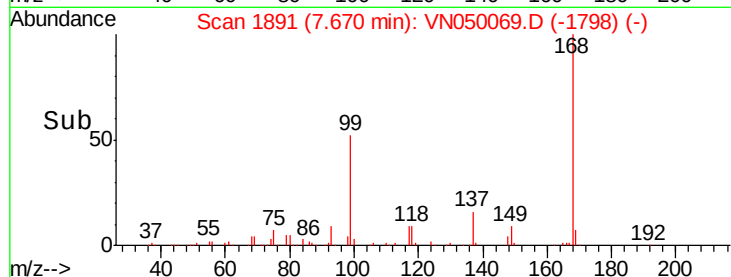
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.55 min Scan# 298

Delta R.T. -0.00 min

Lab File: VN050069.D

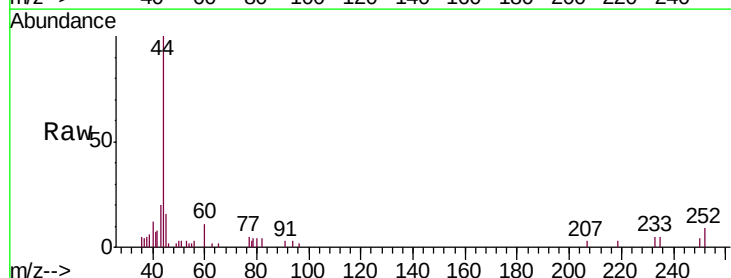
Acq: 26 Jul 2018 2:23

Tgt Ion: 94 Resp: 63

Ion Ratio Lower Upper

94 100

96 92.2 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.55

300

250

200

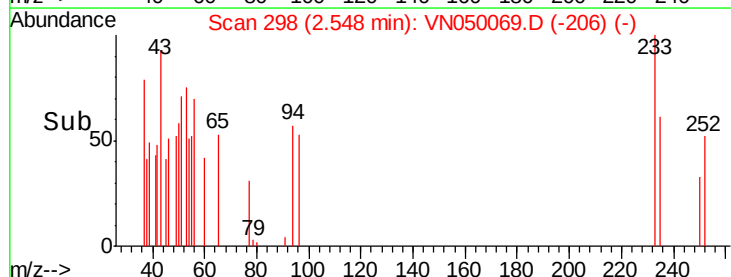
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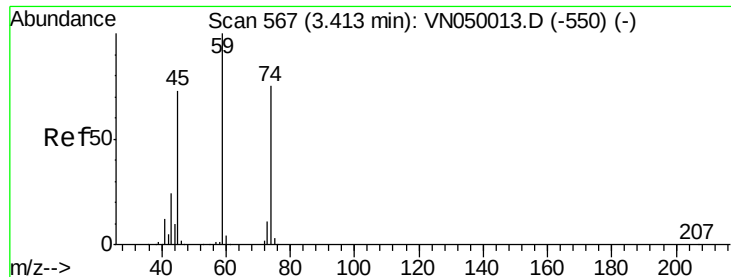
100

50

0

Time-->





#8

Diethyl Ether

Concen: 0.36 ug/l

RT: 3.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VN050069.D

Acq: 26 Jul 2018 2:23

Instrument :

MSVOA_N

ClientSampled :

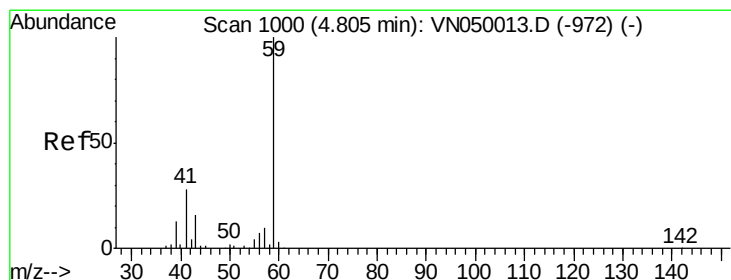
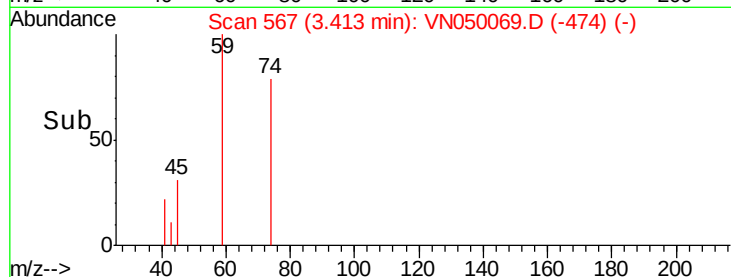
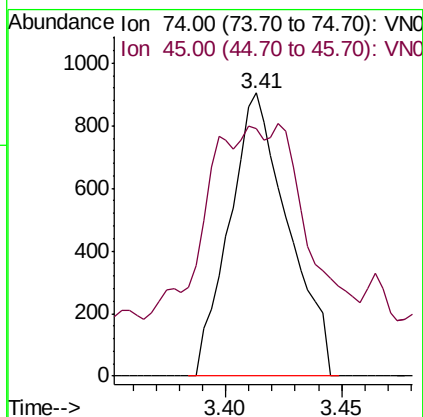
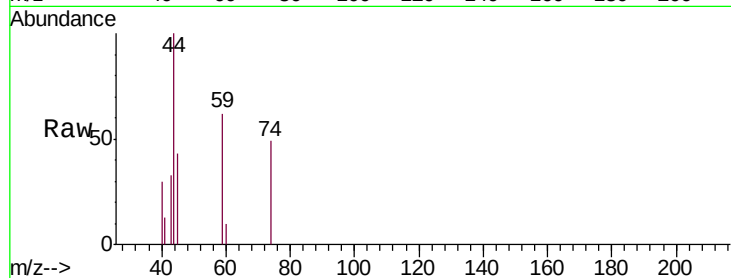
RO-1-3

Tot Ion: 74 Resp: 1589

Ion Ratio Lower Upper

74 100

45 38.2 47.6 142.8#



#11

Tert butyl alcohol

Concen: 0.48 ug/l

RT: 4.81 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN050069.D

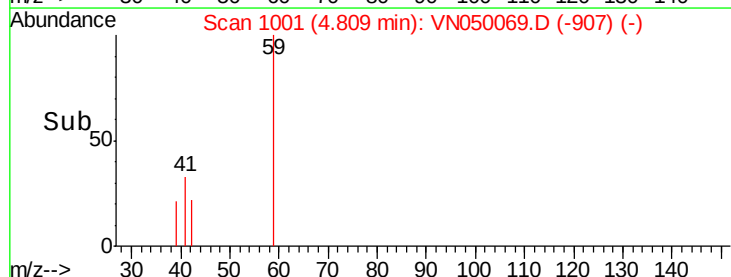
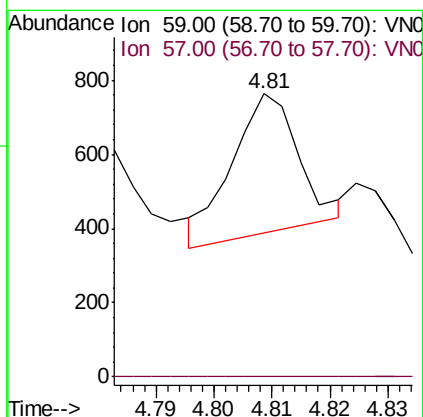
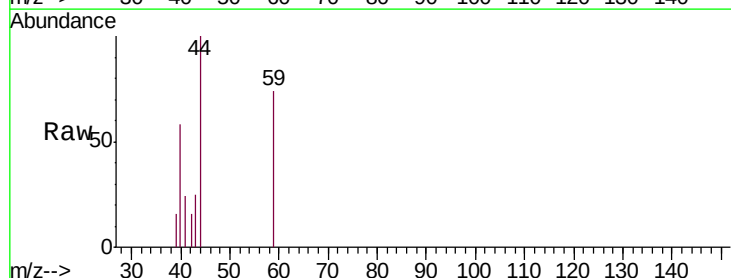
Acq: 26 Jul 2018 2:23

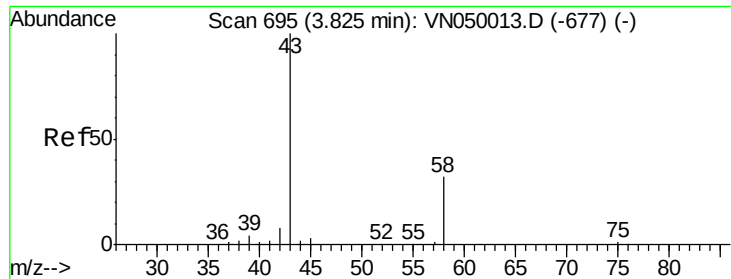
Tgt Ion: 59 Resp: 301

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#

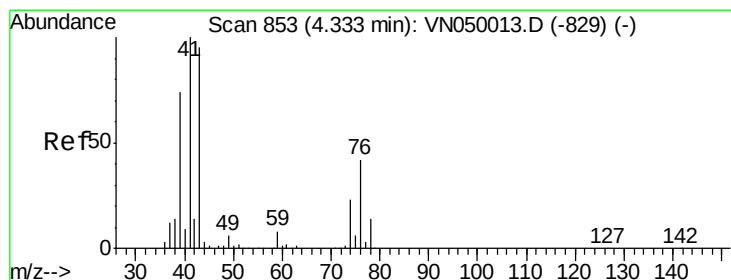
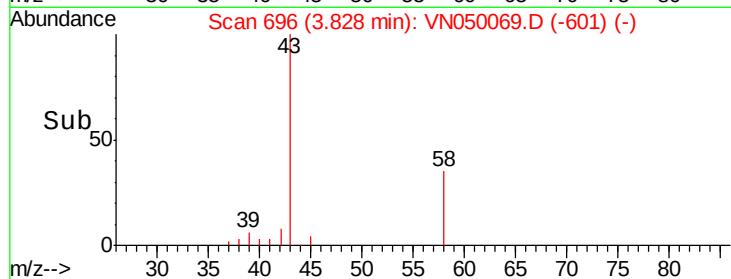
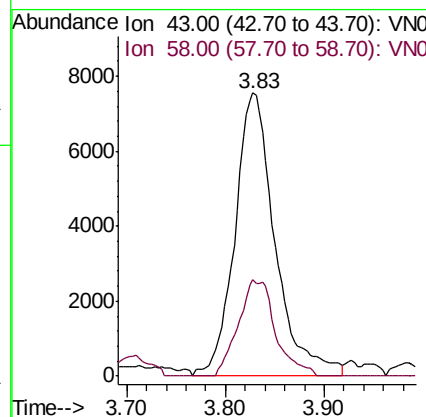
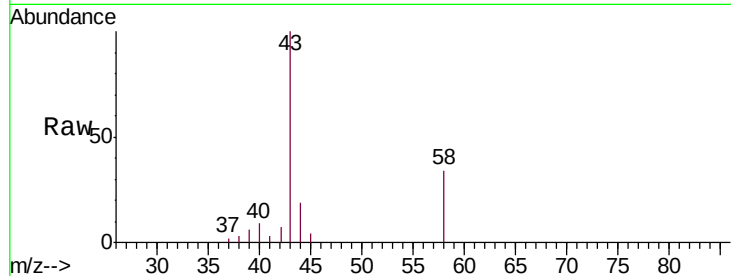




#16
Acetone
Concen: 6.34 ug/l
RT: 3.83 min Scan# 696
Delta R.T. 0.00 min
Lab File: VN050069.D
Acq: 26 Jul 2018 2:23

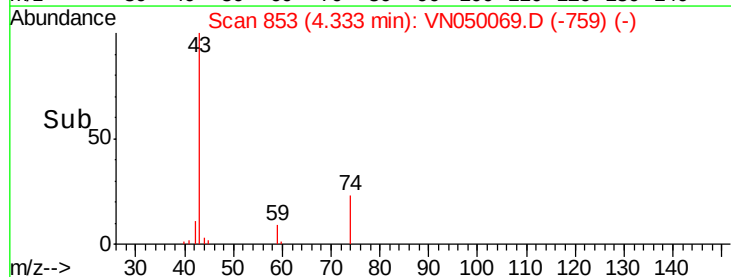
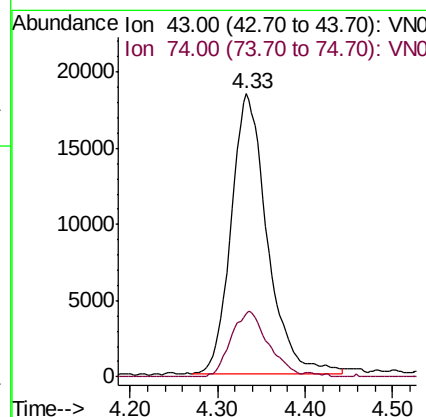
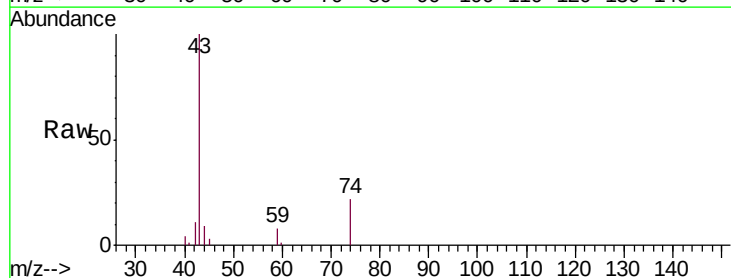
Instrument :
MSVOA_N
ClientSampled :
RO-1-3

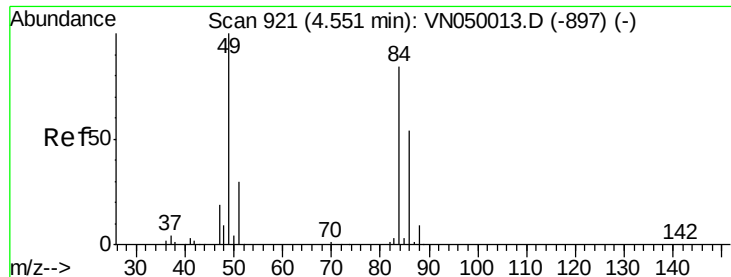
Tot Ion: 43 Resp: 21410
Ion Ratio Lower Upper
43 100
58 34.1 25.8 38.8



#18
Methyl Acetate
Concen: 5.21 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050069.D
Acq: 26 Jul 2018 2:23

Tgt Ion: 43 Resp: 52555
Ion Ratio Lower Upper
43 100
74 24.2 19.2 28.8

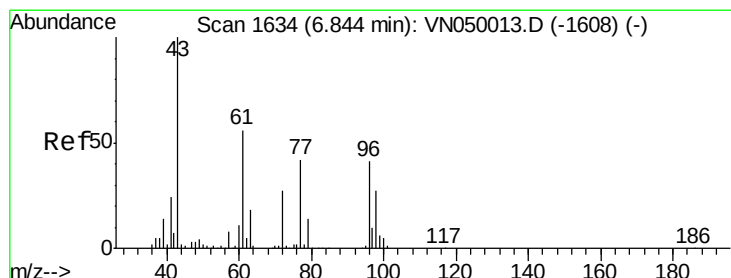
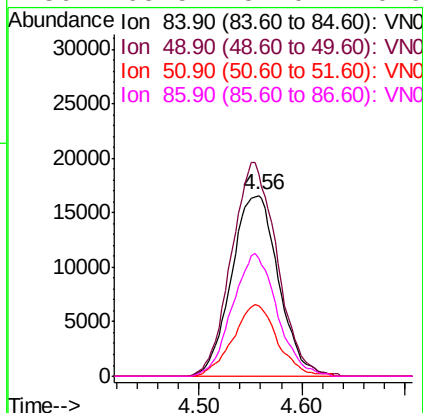
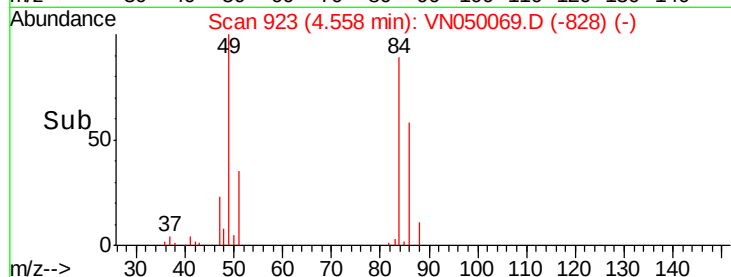
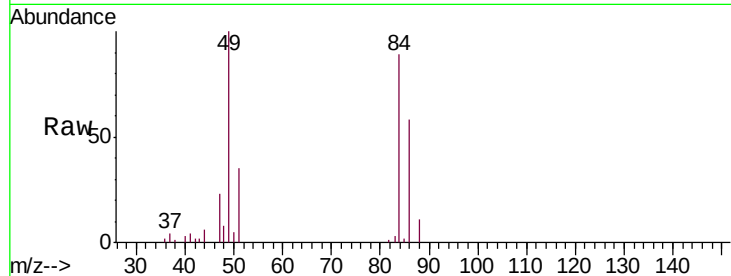




#20
Methvlene Chloride
Concen: 5.79 ug/l
RT: 4.56 min Scan# 923
Delta R.T. 0.01 min
Lab File: VN050069.D
Acq: 26 Jul 2018 2:23

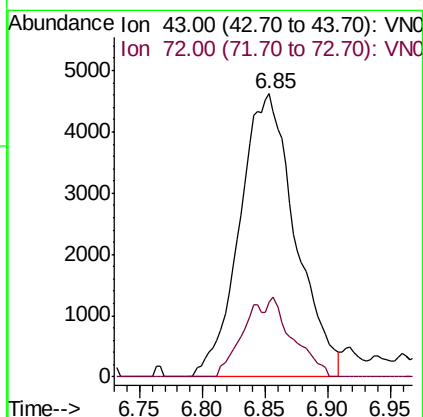
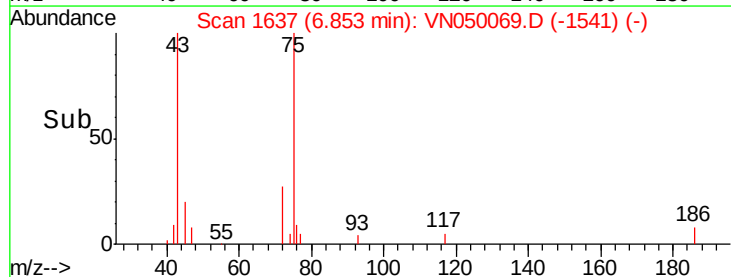
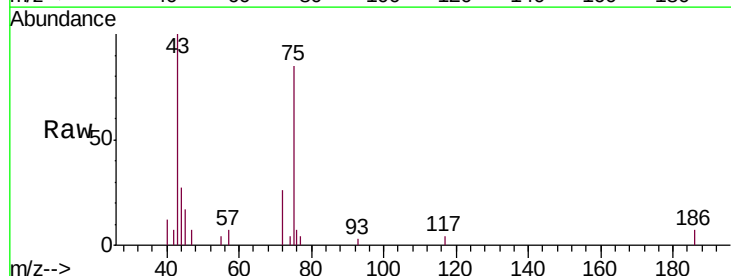
Instrument :
MSVOA_N
ClientSampleId :
RO-1-3

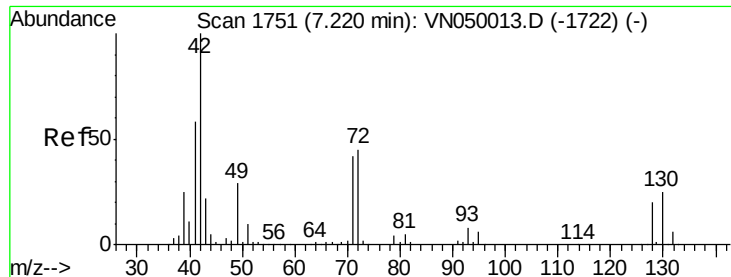
Tot Ion:	84	Resp:	52586
Ion	Ratio	Lower	Upper
84	100		
49	112.0	94.8	142.2
51	39.2	28.3	42.5
86	65.5	51.0	76.6



#25
2-Butanone
Concen: 4.36 ug/l
RT: 6.85 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VN050069.D
Acq: 26 Jul 2018 2:23

Tgt Ion:	43	Resp:	14311
Ion	Ratio	Lower	Upper
43	100		
72	26.5	21.5	32.3

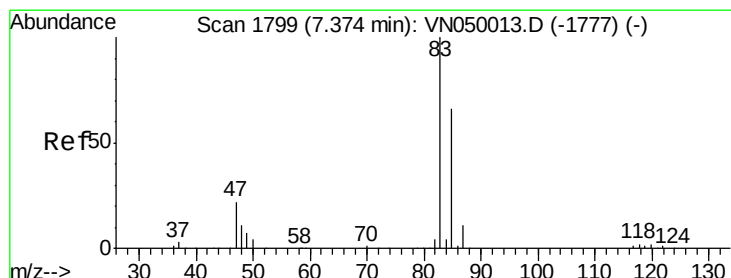
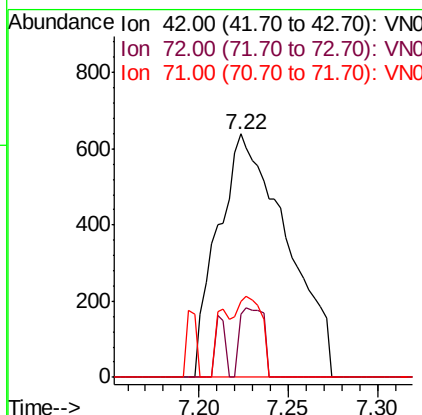
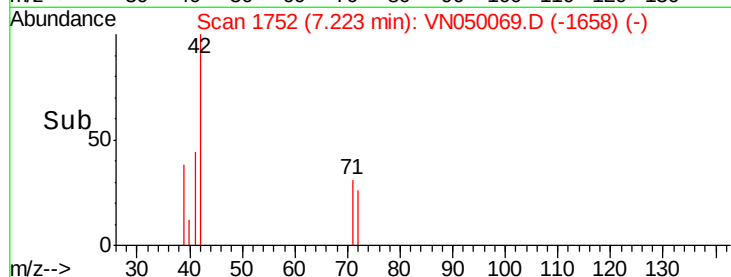
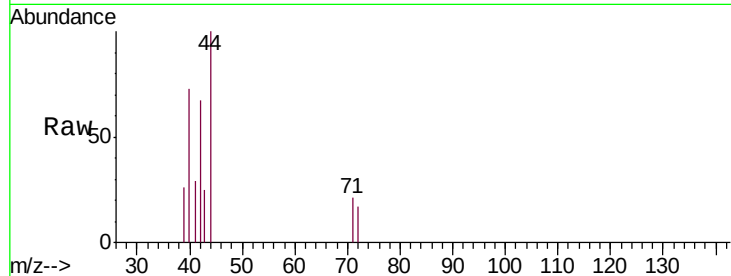




#29
Tetrahydrofuran
Concen: 0.81 ug/l
RT: 7.22 min Scan# 1752
Delta R.T. 0.00 min
Lab File: VN050069.D
Acq: 26 Jul 2018 2:23

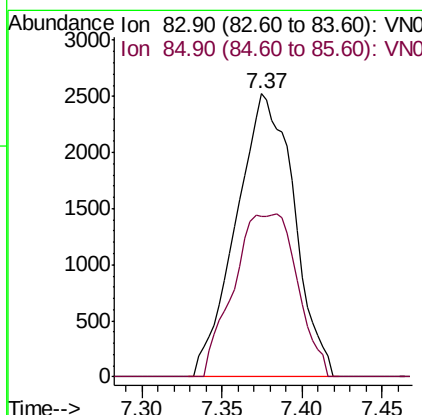
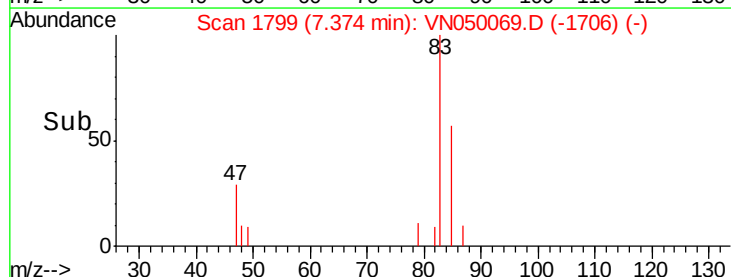
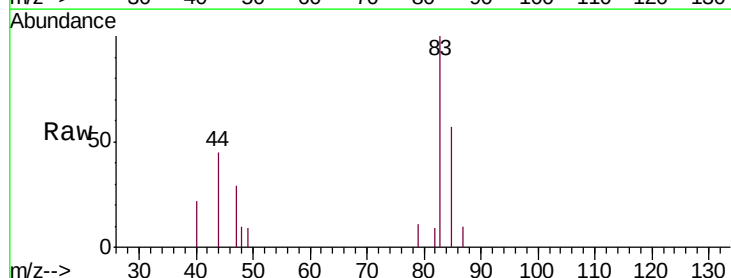
Instrument :
MSVOA_N
ClientSampled :
RO-1-3

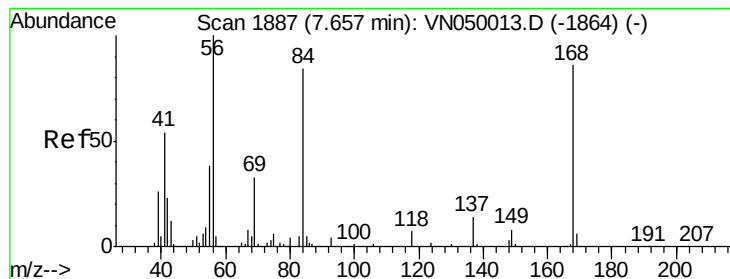
Tot Ion: 42 Resp: 1718
Ion Ratio Lower Upper
42 100
72 9.8 35.9 53.9#
71 10.7 33.7 50.5#



#30
Chloroform
Concen: 0.43 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN050069.D
Acq: 26 Jul 2018 2:23

Tgt Ion: 83 Resp: 6265
Ion Ratio Lower Upper
83 100
85 56.8 52.5 78.7





#31

Cyclohexane

Concen: 0.90 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN050069.D

Acq: 26 Jul 2018 2:23

Instrument :

MSVOA_N

ClientSampled :

RO-1-3

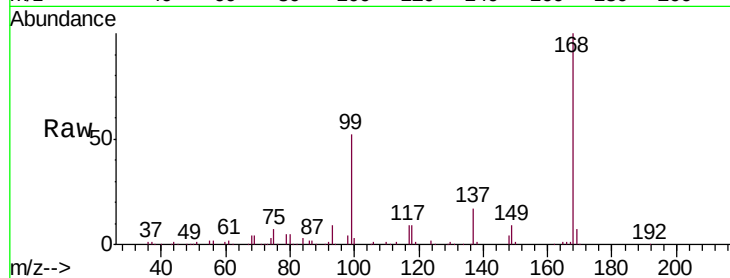
Tot Ion: 56 Resp: 11503

Ion Ratio Lower Upper

56 100

69 183.7 26.2 39.4#

84 139.4 67.4 101.0#

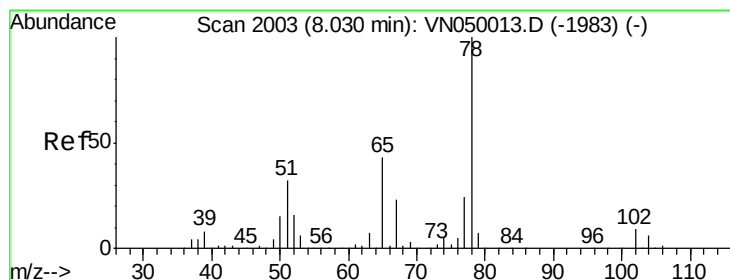
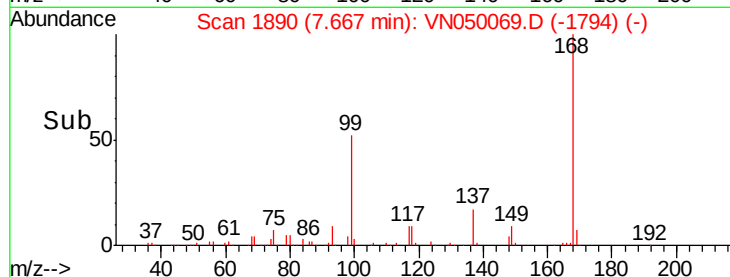
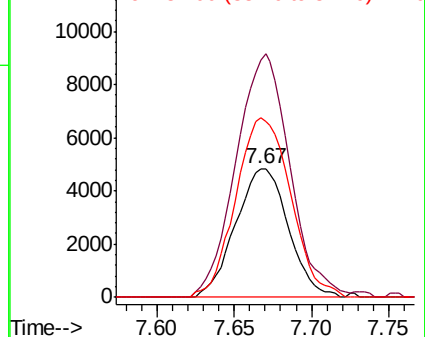


Abundance

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: 50.60 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050069.D

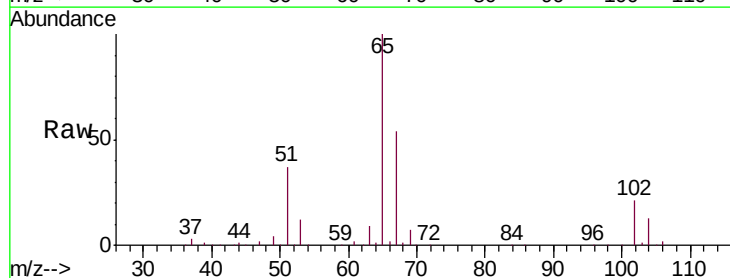
Acq: 26 Jul 2018 2:23

Tgt Ion: 65 Resp: 435027

Ion Ratio Lower Upper

65 100

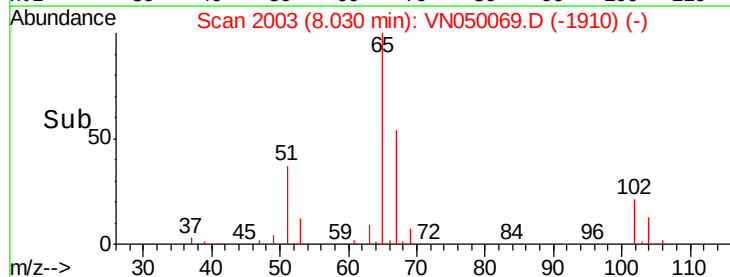
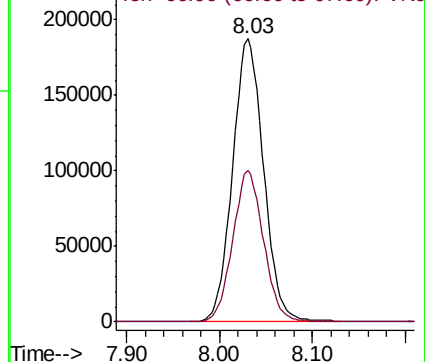
67 53.1 0.0 108.4

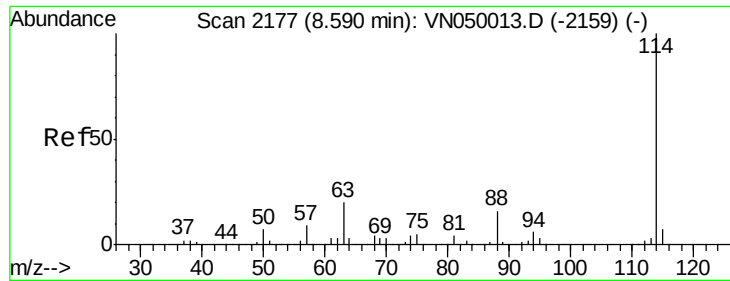


Abundance

Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



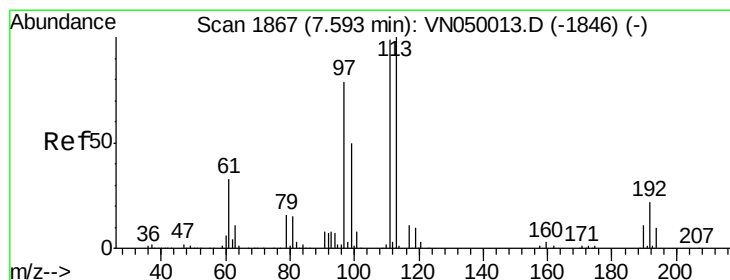
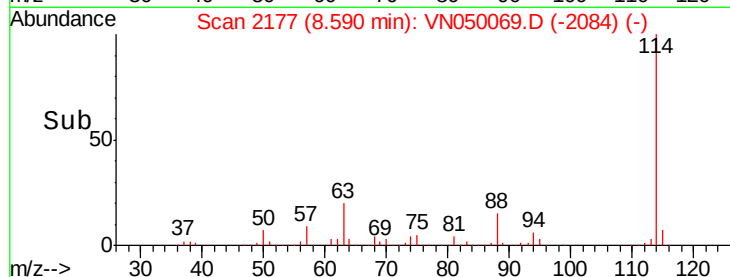
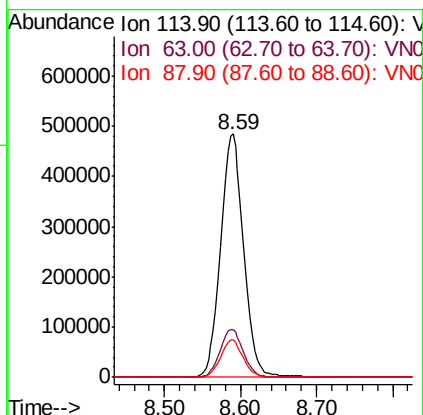
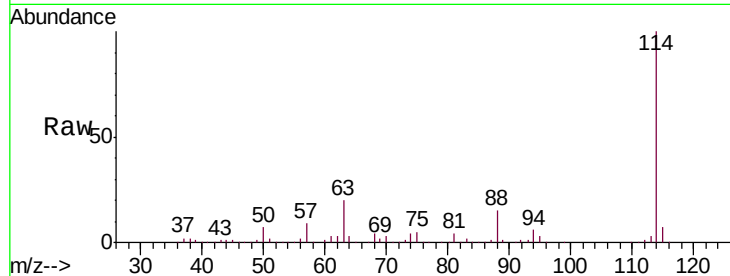


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2177
Delta R.T. 0.00 min
Lab File: VN050069.D
Acq: 26 Jul 2018 2:23

Instrument :
MSVOA_N
ClientSampleId :
RO-1-3

Tot Ion:114 Resp: 1021162

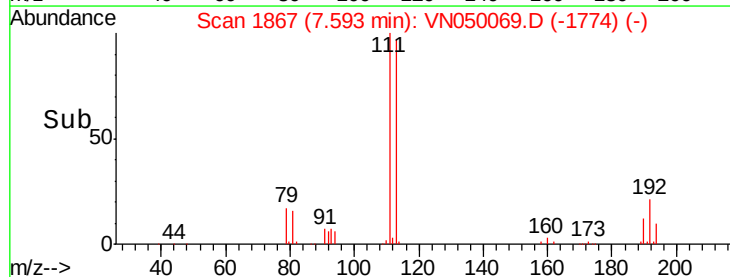
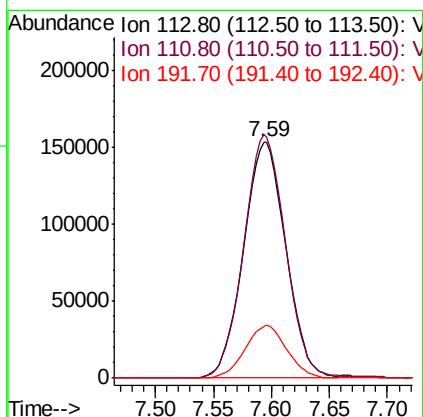
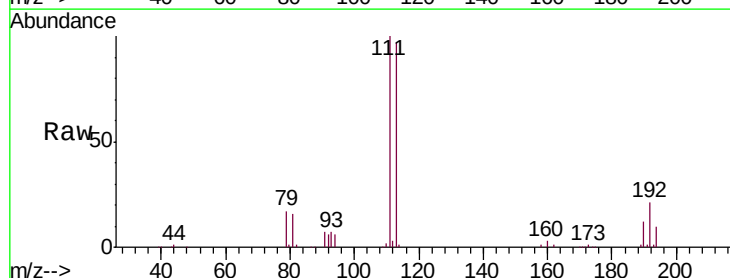
Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	40.0
88	15.2	0.0	31.2

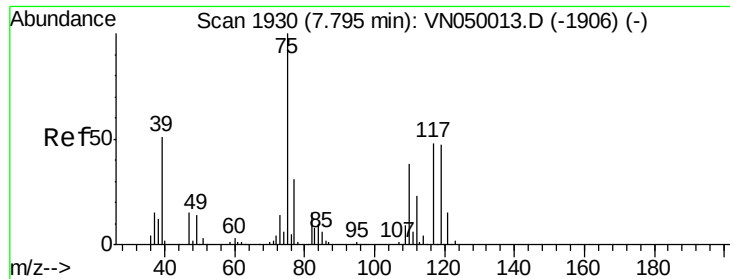


#35
Dibromofluoromethane
Concen: 46.56 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN050069.D
Acq: 26 Jul 2018 2:23

Tgt Ion:113 Resp: 388204

Ion	Ratio	Lower	Upper
113	100		
111	102.1	80.7	121.1
192	22.1	17.8	26.6





#36

1,1-Dichloropropene

Concen: 3.76 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.13 min

Lab File: VN050069.D

Acq: 26 Jul 2018 2:23

Instrument :

MSVOA_N

ClientSampled :

RO-1-3

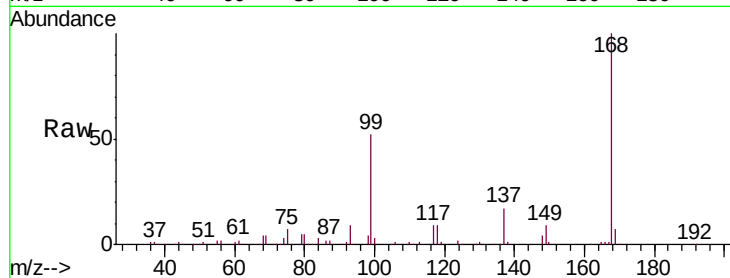
Tot Ion: 75 Resp: 43227

Ion Ratio Lower Upper

75 100

110 8.1 18.4 55.2#

77 0.0 25.3 37.9#

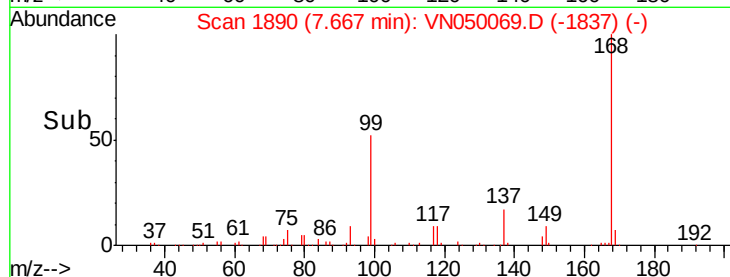


Abundance Ion 74.90 (74.60 to 75.60): VN050013.D (-1906) (-)

Ion 109.90 (109.60 to 110.60): VN050013.D (-1906) (-)

Ion 76.90 (76.60 to 77.60): VN050013.D (-1906) (-)

Time-->

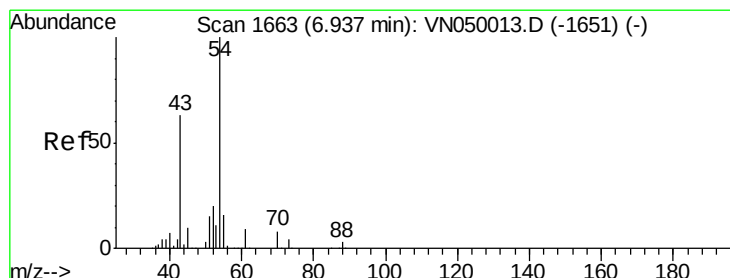


Abundance Ion 74.90 (74.60 to 75.60): VN050069.D (-1837) (-)

Ion 109.90 (109.60 to 110.60): VN050069.D (-1837) (-)

Ion 76.90 (76.60 to 77.60): VN050069.D (-1837) (-)

Time-->



#37

Ethyl Acetate

Concen: 1.78 ug/l

RT: 6.85 min Scan# 1637

Delta R.T. -0.08 min

Lab File: VN050069.D

Acq: 26 Jul 2018 2:23

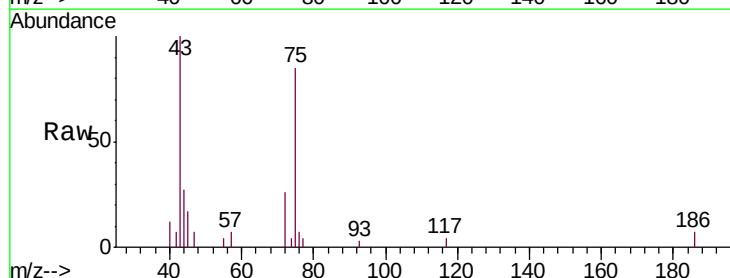
Tgt Ion: 43 Resp: 14311

Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.8#

70 0.0 8.4 12.6#

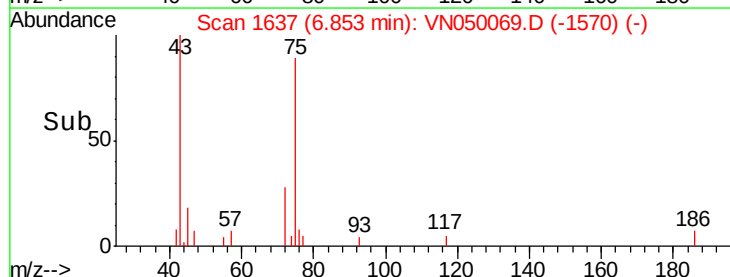


Abundance Ion 43.00 (42.70 to 43.70): VN050013.D (-1651) (-)

Ion 60.90 (60.60 to 61.60): VN050013.D (-1651) (-)

Ion 70.00 (69.70 to 70.70): VN050013.D (-1651) (-)

Time-->

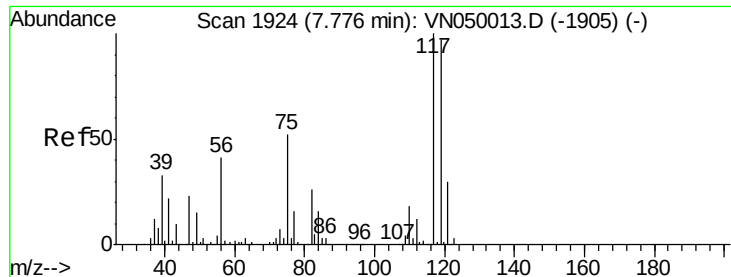


Abundance Ion 43.00 (42.70 to 43.70): VN050069.D (-1570) (-)

Ion 60.90 (60.60 to 61.60): VN050069.D (-1570) (-)

Ion 70.00 (69.70 to 70.70): VN050069.D (-1570) (-)

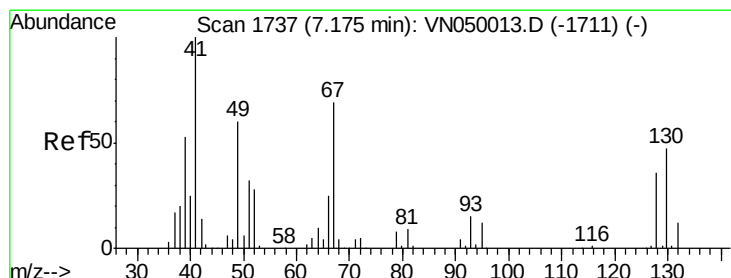
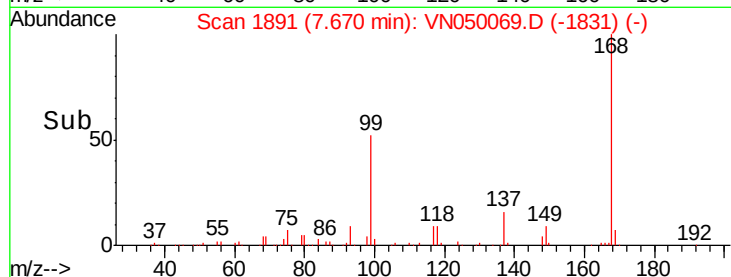
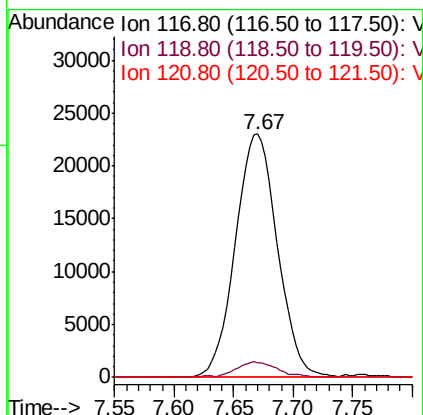
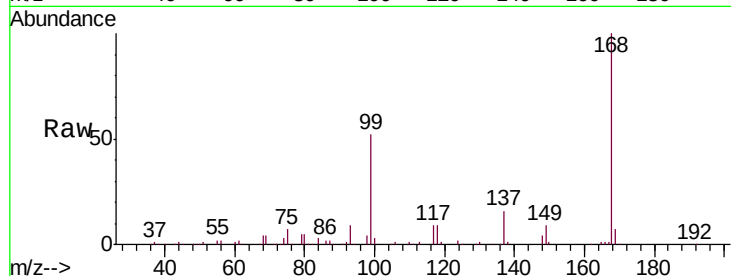
Time-->



#38
Carbon Tetrachloride
Concen: 4.62 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.11 min
Lab File: VN050069.D
Acq: 26 Jul 2018 2:23

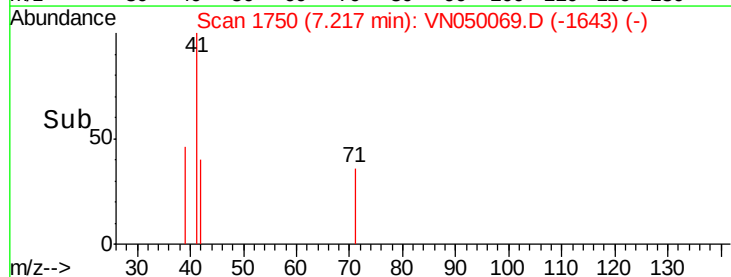
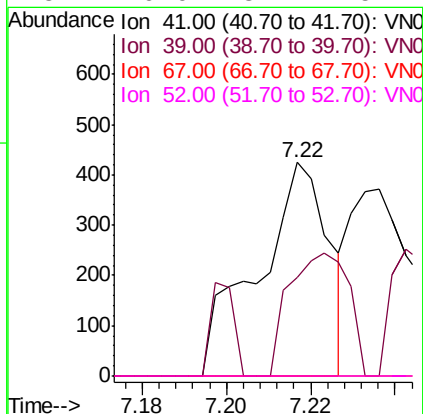
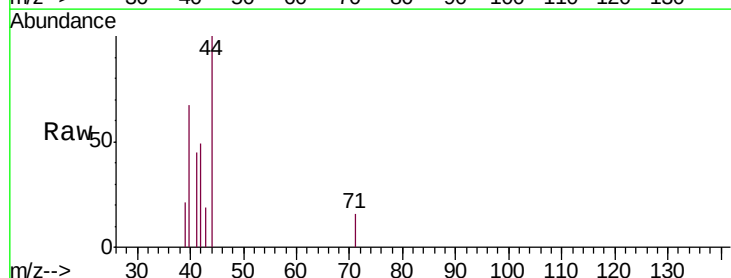
Instrument :
MSVOA_N
ClientSampled :
RO-1-3

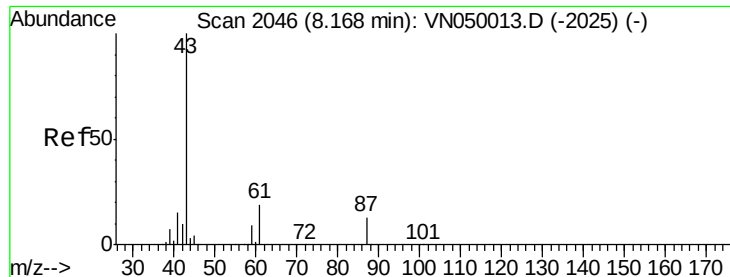
Tot Ion:117 Resp: 56338
Ion Ratio Lower Upper
117 100
119 6.2 77.4 116.0#
121 0.0 23.9 35.9#



#41
Methacrylonitrile
Concen: 2.86 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. 0.04 min
Lab File: VN050069.D
Acq: 26 Jul 2018 2:23

Tgt Ion: 41 Resp: 497
Ion Ratio Lower Upper
41 100
39 48.3 55.8 83.6#
67 0.0 84.3 126.5#
52 0.0 34.2 51.2#





#43

Isopropyl Acetate

Concen: 21.37 ug/l

RT: 8.24 min Scan# 2069

Delta R.T. 0.07 min

Lab File: VN050069.D

Acq: 26 Jul 2018 2:23

Instrument :

MSVOA_N

ClientSampled :

RO-1-3

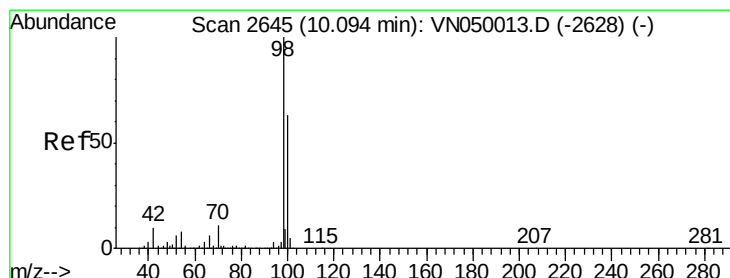
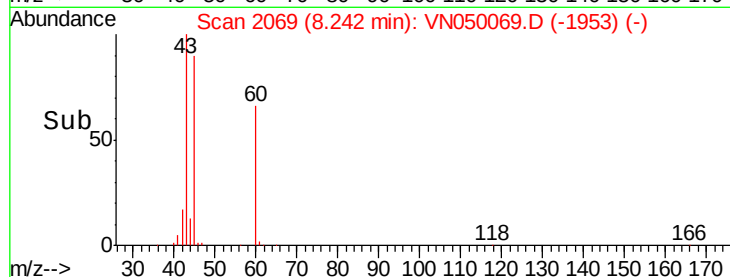
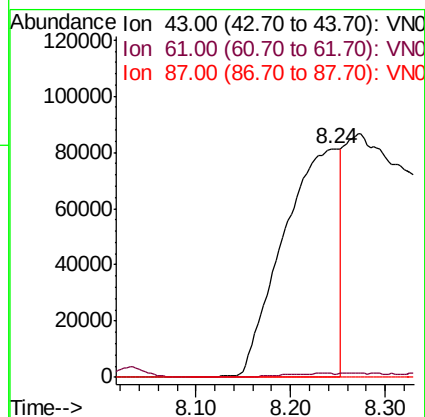
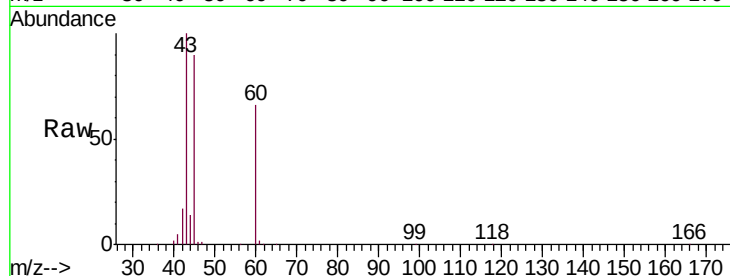
Tot Ion: 43 Resp: 332924

Ion Ratio Lower Upper

43 100

61 0.2 15.8 23.6#

87 0.0 10.3 15.5#



#50

Toluene-d8

Concen: 44.92 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050069.D

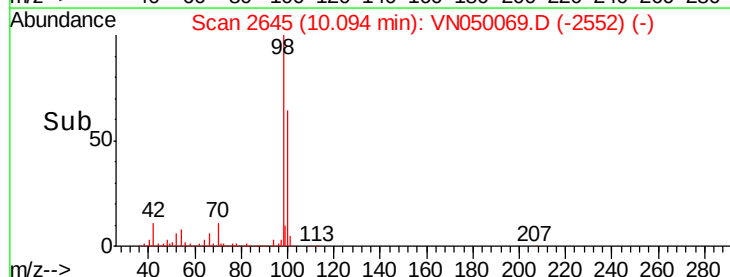
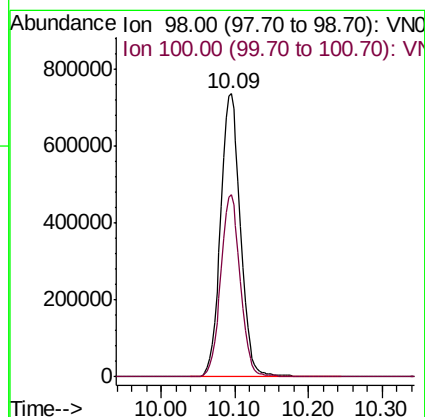
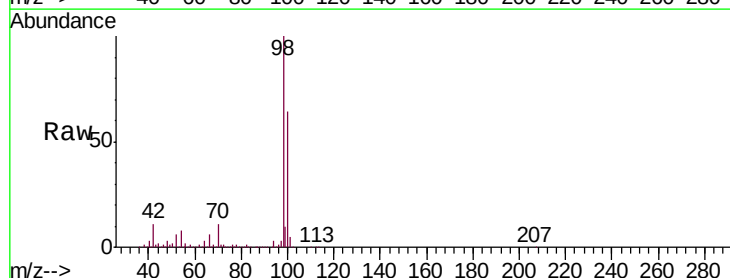
Acq: 26 Jul 2018 2:23

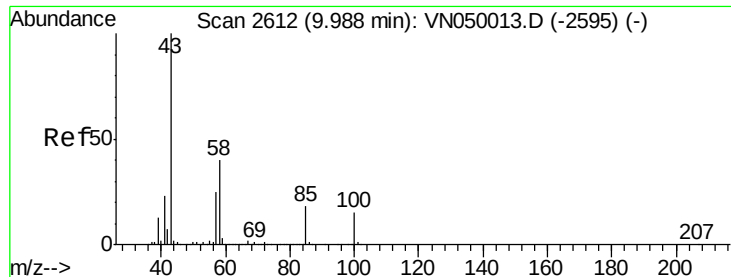
Tgt Ion: 98 Resp: 1376798

Ion Ratio Lower Upper

98 100

100 63.4 50.7 76.1

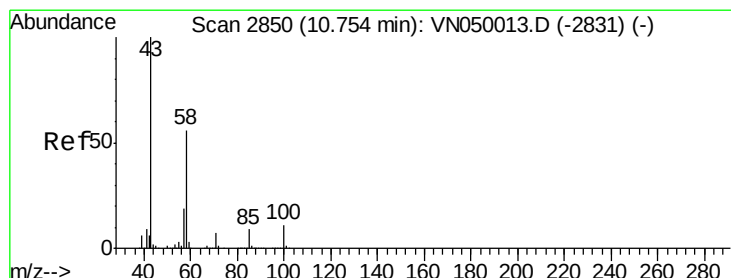
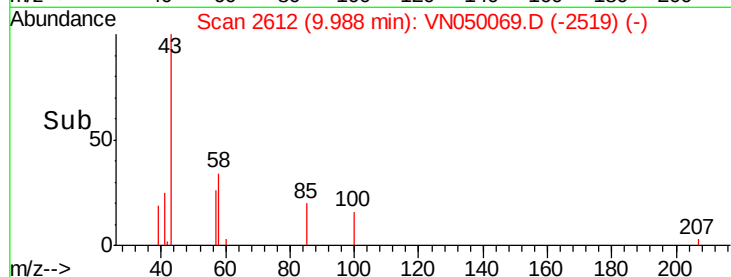
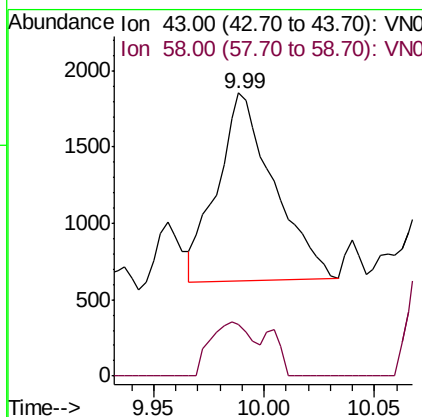
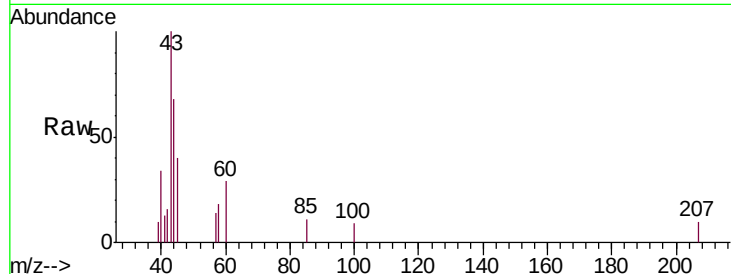




#51
4-Methyl-2-Pentanone
Concen: 0.28 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN050069.D
Acq: 26 Jul 2018 2:23

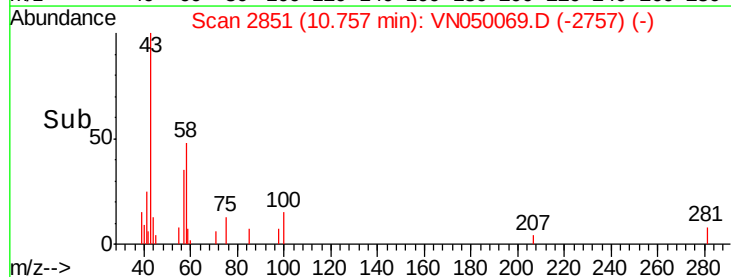
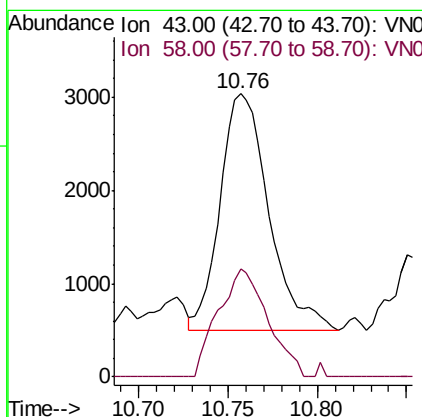
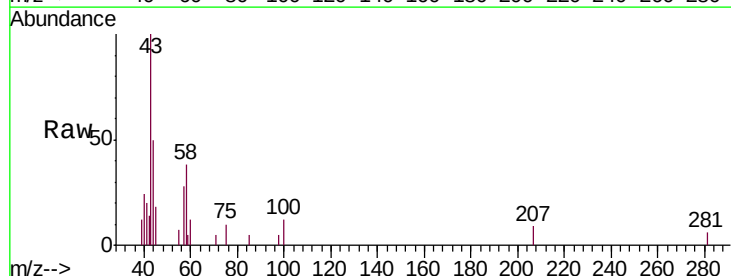
Instrument :
MSVOA_N
ClientSampled :
RO-1-3

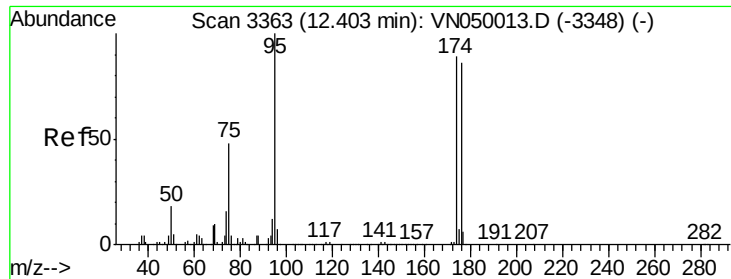
Tot Ion: 43 Resp: 2186
Ion Ratio Lower Upper
43 100
58 21.5 31.9 47.9#



#59
2-Hexanone
Concen: 5.99 ug/l
RT: 10.76 min Scan# 2851
Delta R.T. 0.00 min
Lab File: VN050069.D
Acq: 26 Jul 2018 2:23

Tgt Ion: 43 Resp: 4842
Ion Ratio Lower Upper
43 100
58 46.1 27.6 82.7

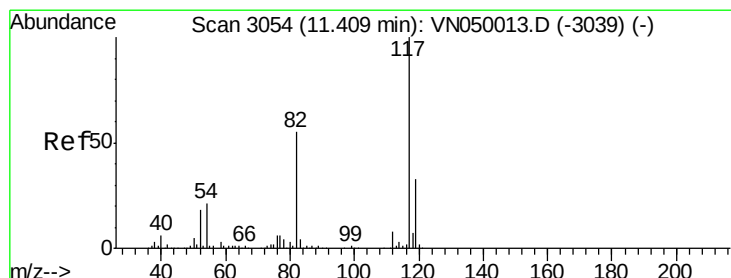
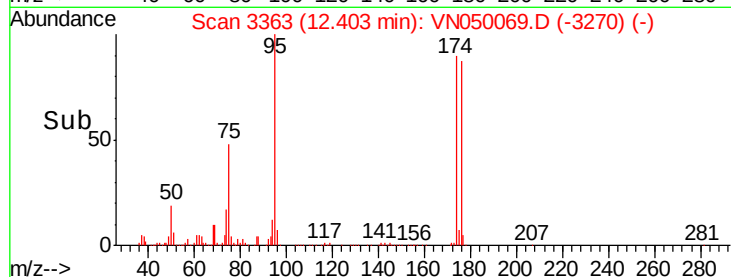
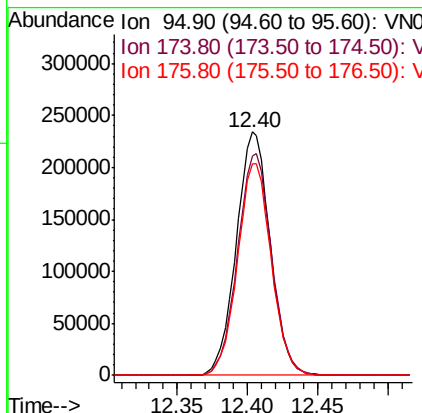
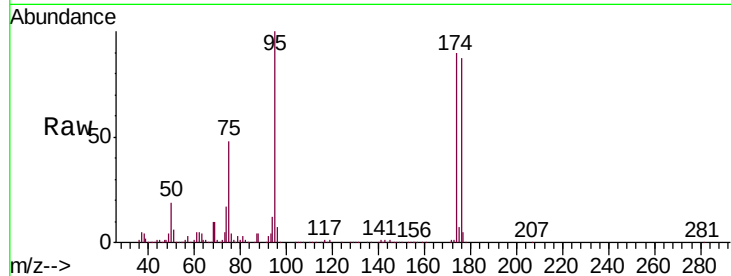




#62
4-Bromofluorobenzene
Concen: 39.02 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050069.D
Acq: 26 Jul 2018 2:23

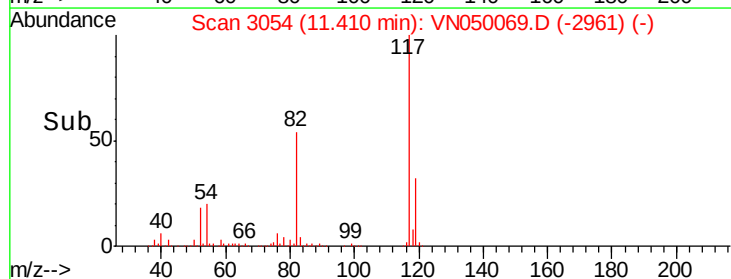
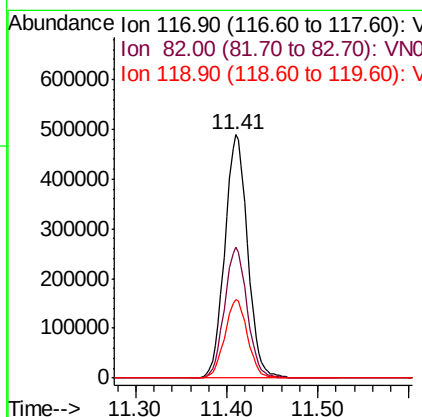
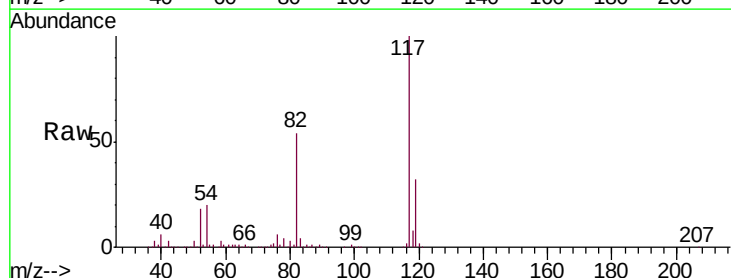
Instrument :
MSVOA_N
ClientSampled :
RO-1-3

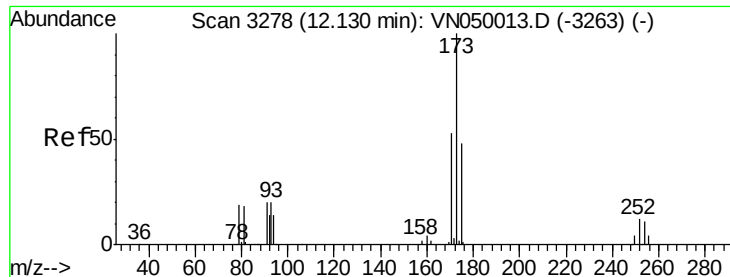
Tot Ion: 95 Resp: 393797
Ion Ratio Lower Upper
95 100
174 91.5 0.0 178.2
176 86.7 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050069.D
Acq: 26 Jul 2018 2:23

Tgt Ion: 117 Resp: 851786
Ion Ratio Lower Upper
117 100
82 53.5 43.7 65.5
119 32.4 26.1 39.1

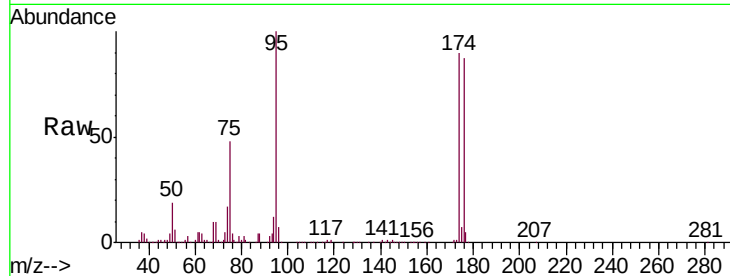




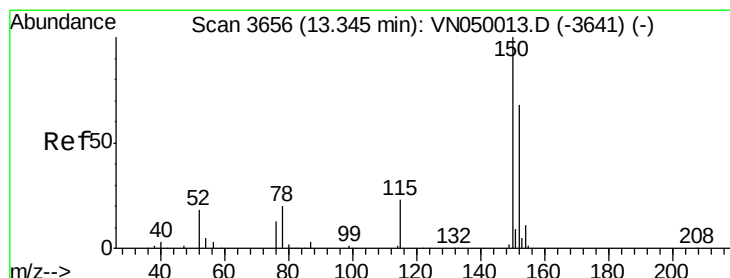
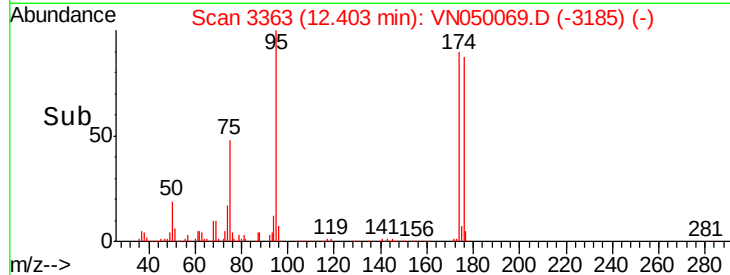
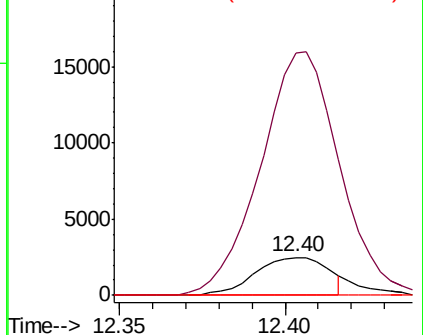
#71
Bromoform
Concen: 0.63 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.27 min
Lab File: VN050069.D
Acq: 26 Jul 2018 2:23

Instrument :
MSVOA_N
ClientSampleId :
RO-1-3

Tot Ion:173 Resp: 3801
Ion Ratio Lower Upper
173 100
175 615.0 24.1 72.2#
254 0.0 0.2 0.2#

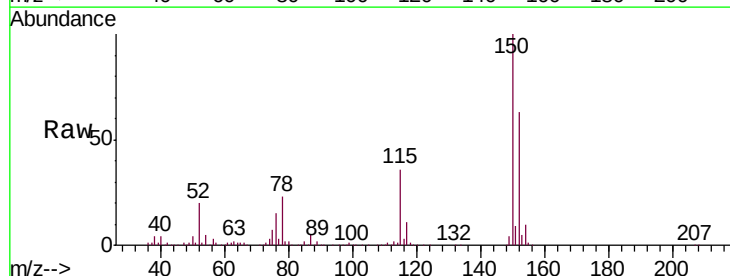


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

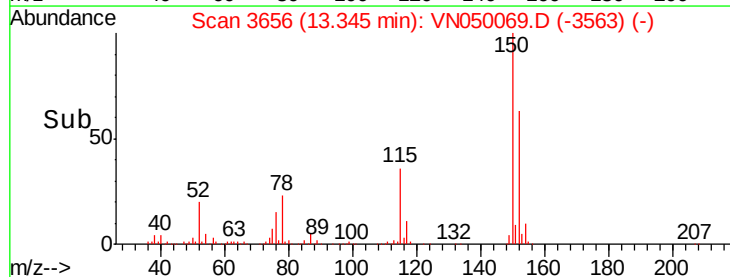
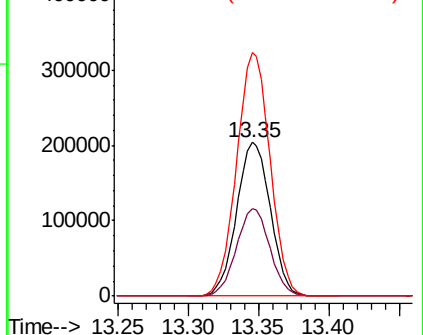


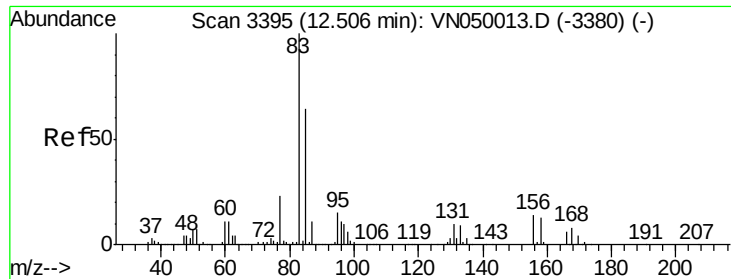
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050069.D
Acq: 26 Jul 2018 2:23

Tgt Ion:152 Resp: 342277
Ion Ratio Lower Upper
152 100
115 56.7 27.8 83.3
150 157.4 0.0 348.6



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





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.55 min Scan# 3408

Delta R.T. 0.04 min

Lab File: VN050069.D

Acq: 26 Jul 2018 2:23

Instrument :

MSVOA_N

ClientSampleId :

RO-1-3

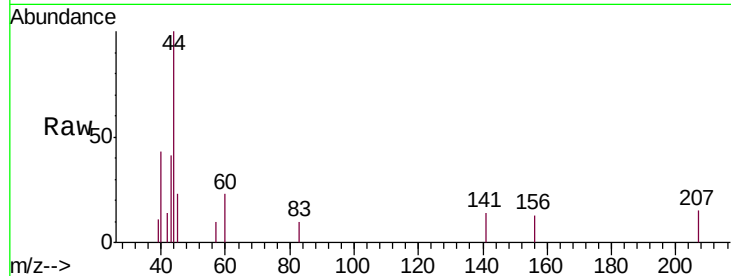
Tot Ion: 83 Resp: 30

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

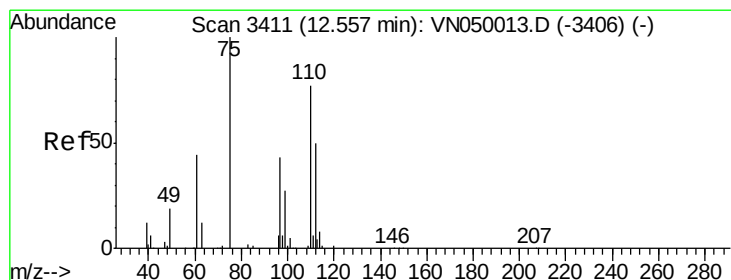
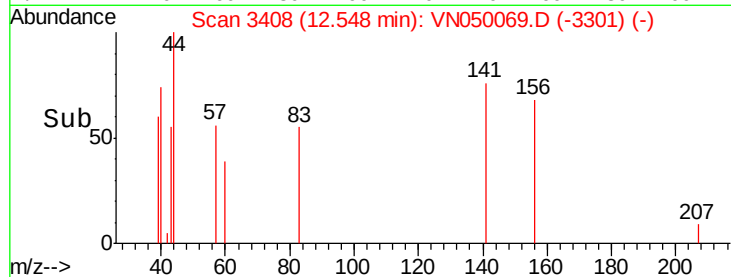
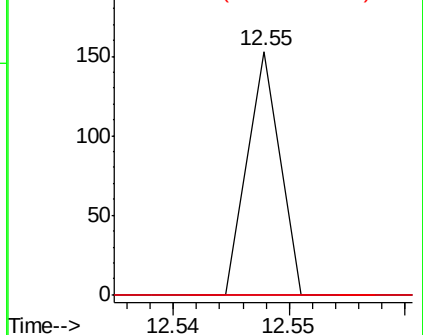
85 0.0 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 29.84 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050069.D

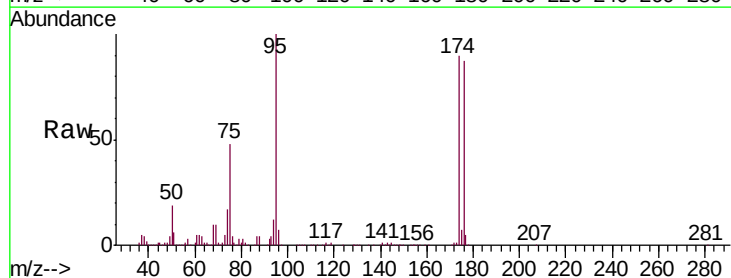
Acq: 26 Jul 2018 2:23

Tgt Ion: 75 Resp: 189787

Ion Ratio Lower Upper

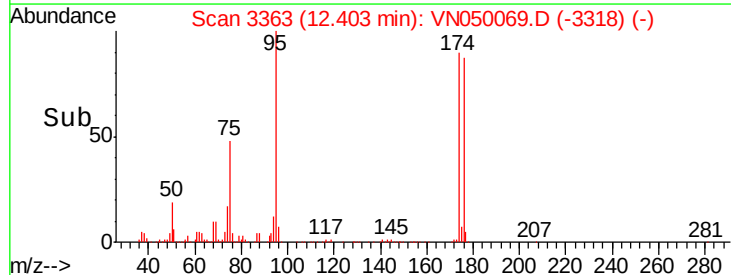
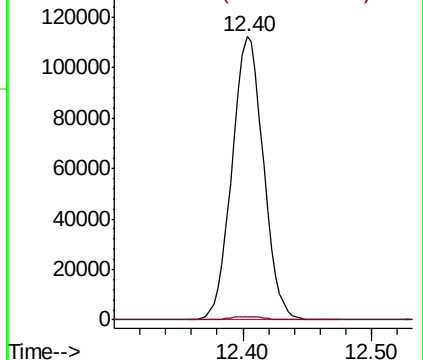
75 100

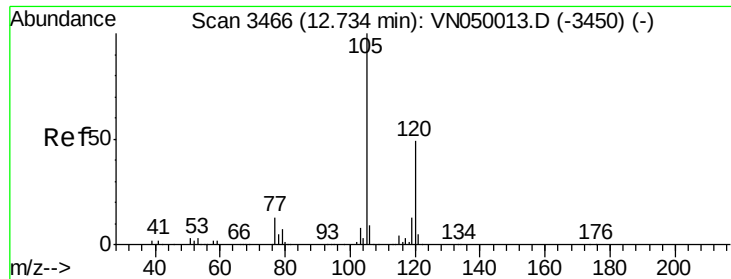
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

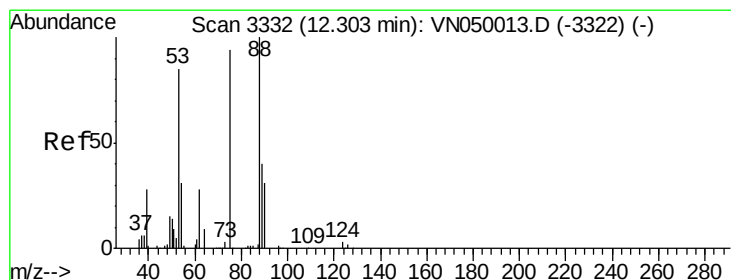
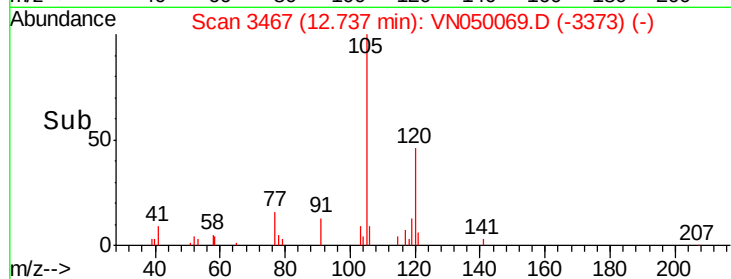
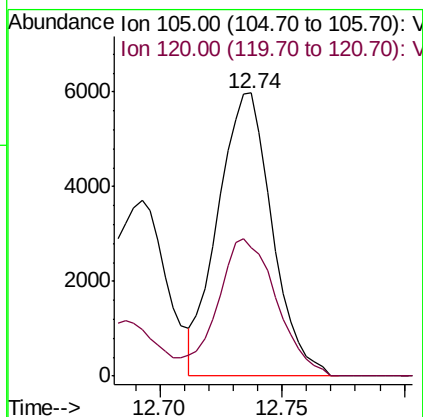
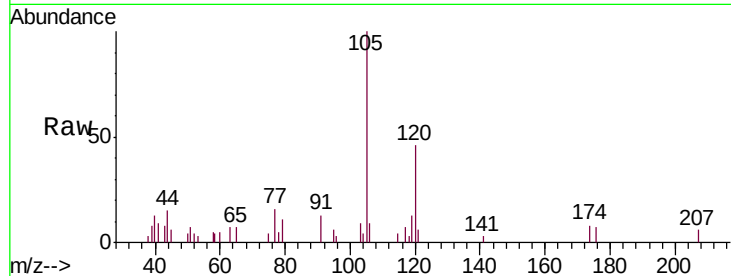




#80
 1,3,5-Trimethylbenzene
 Concen: 0.44 ug/l
 RT: 12.74 min Scan# 3467
 Delta R.T. 0.00 min
 Lab File: VN050069.D
 Acq: 26 Jul 2018 2:23

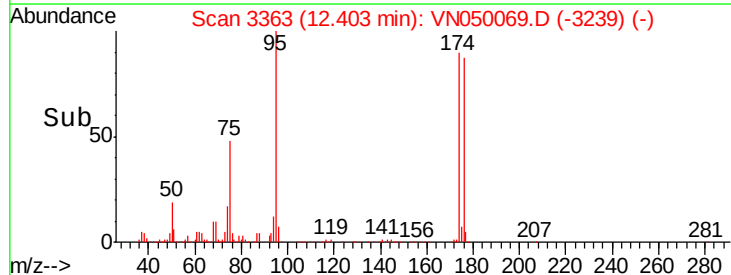
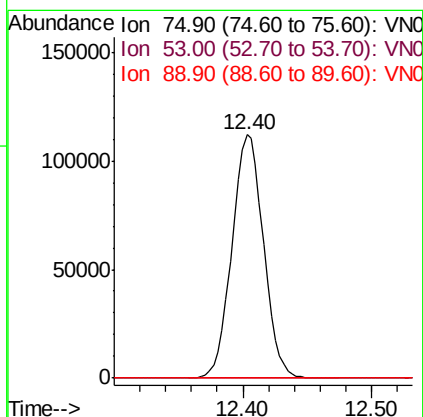
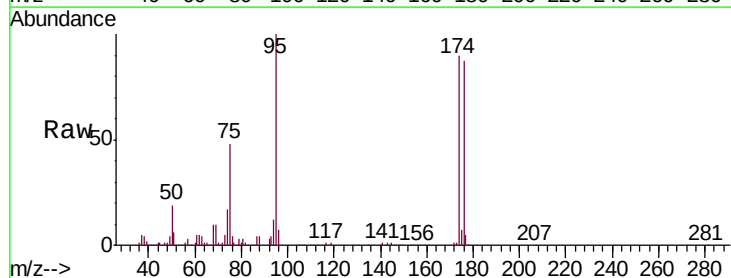
Instrument :
 MSVOA_N
 ClientSampled :
 RO-1-3

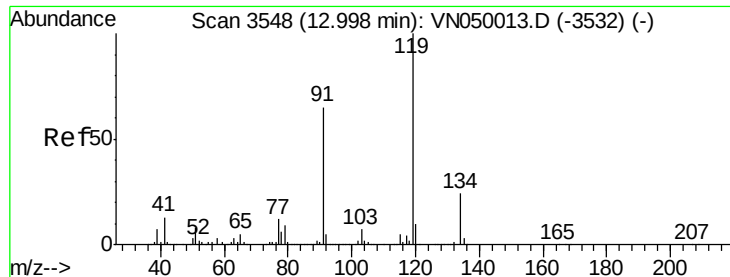
Tot Ion:105 Resp: 9266
 Ion Ratio Lower Upper
 105 100
 120 52.6 24.4 73.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.64 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.10 min
 Lab File: VN050069.D
 Acq: 26 Jul 2018 2:23

Tgt Ion: 75 Resp: 189787
 Ion Ratio Lower Upper
 75 100
 53 0.1 73.5 110.3#
 89 0.0 36.0 54.0#

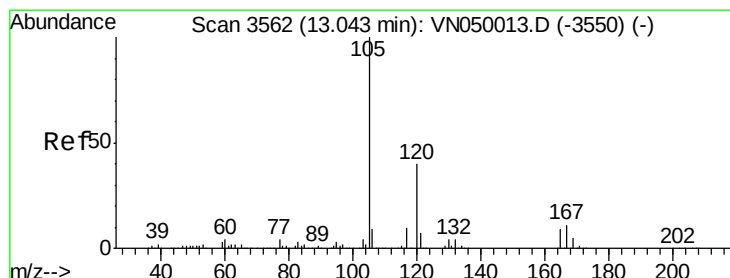
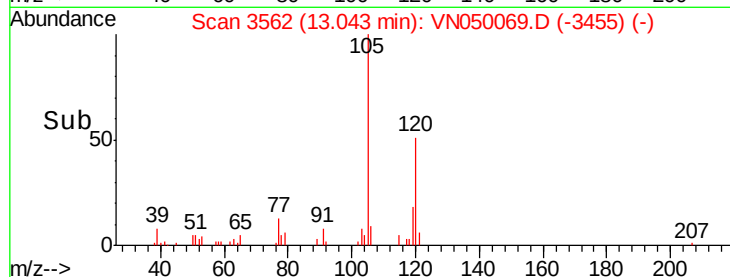
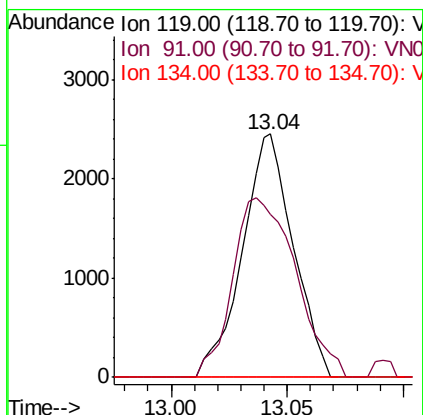
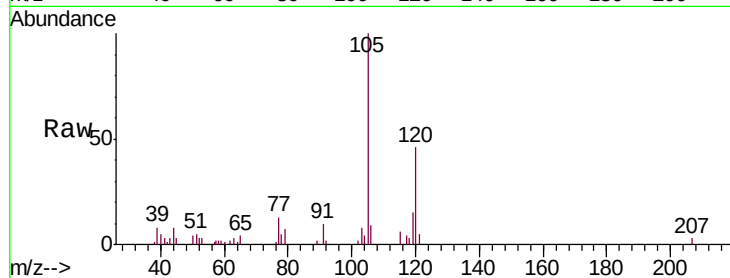




#83
 tert-Butylbenzene
 Concen: 0.20 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.05 min
 Lab File: VN050069.D
 Acq: 26 Jul 2018 2:23

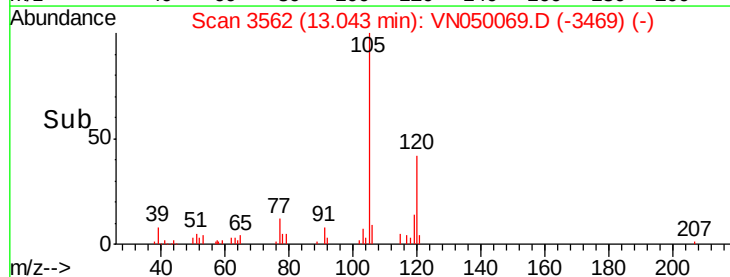
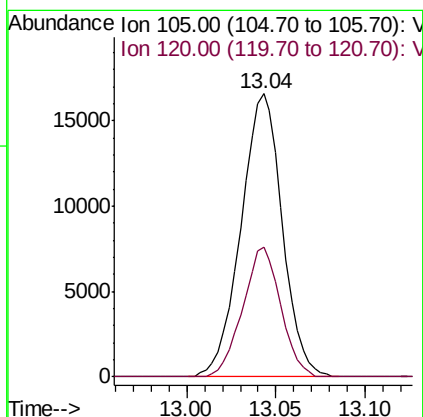
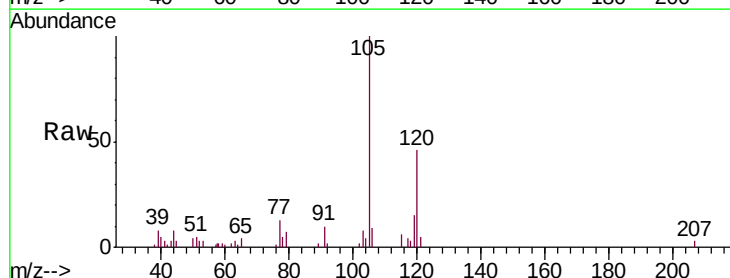
Instrument :
 MSVOA_N
 ClientSampled :
 RO-1-3

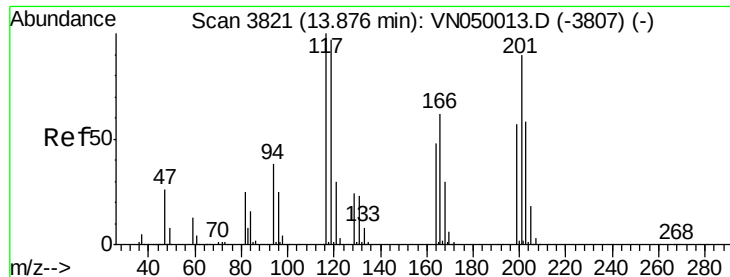
Tot Ion:119 Resp: 3726
 Ion Ratio Lower Upper
 119 100
 91 91.3 32.1 96.3
 134 0.0 13.2 39.5#



#84
 1,2,4-Trimethylbenzene
 Concen: 1.27 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN050069.D
 Acq: 26 Jul 2018 2:23

Tgt Ion:105 Resp: 26749
 Ion Ratio Lower Upper
 105 100
 120 42.1 22.9 68.7





#90

Hexachloroethane

Concen: 0.45 ua/l

RT: 13.89 min Scan# 3825

Delta R.T. 0.01 min

Lab File: VN050069.D

Acq: 26 Jul 2018 2:23

Instrument :

MSVOA_N

ClientSampleId :

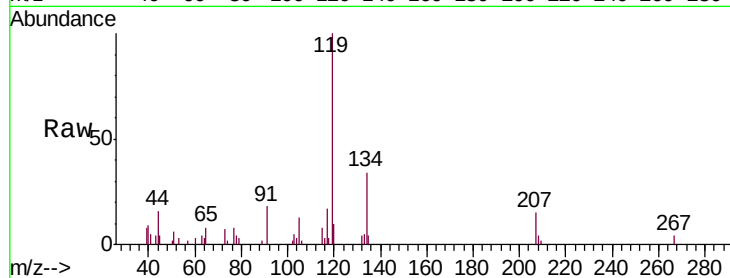
RO-1-3

Tot Ion:117 Resp: 2041

Ion Ratio Lower Upper

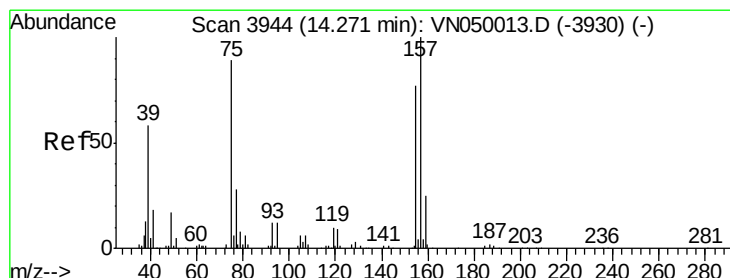
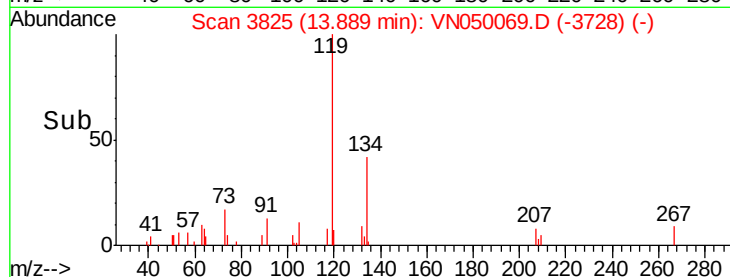
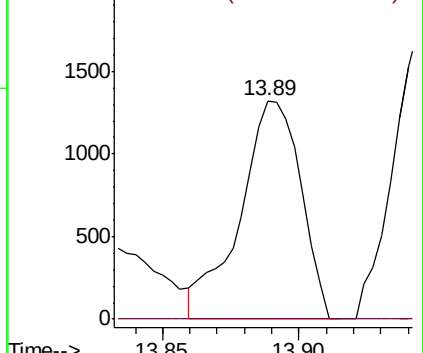
117 100

201 0.0 45.6 136.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.26 min Scan# 3941

Delta R.T. -0.01 min

Lab File: VN050069.D

Acq: 26 Jul 2018 2:23

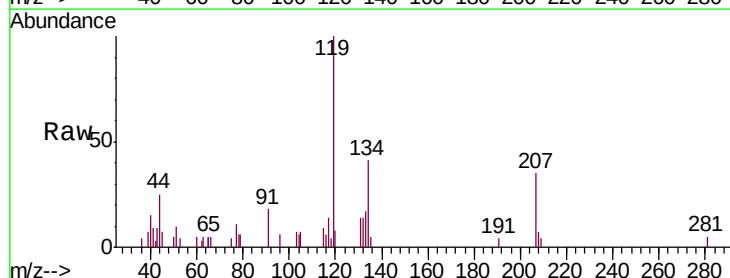
Tgt Ion: 75 Resp: 207

Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.4#

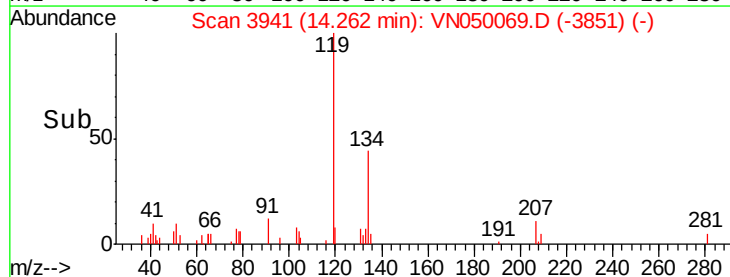
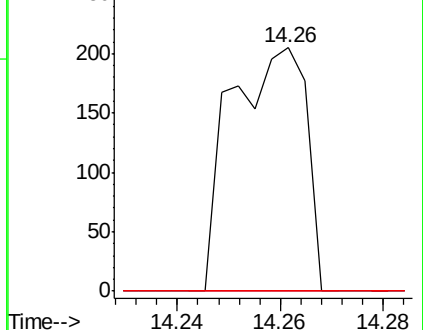
157 0.0 57.2 171.6#

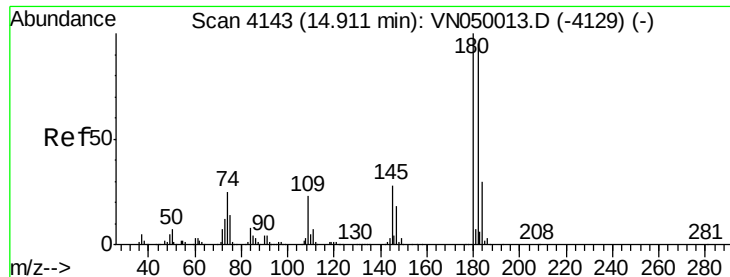


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

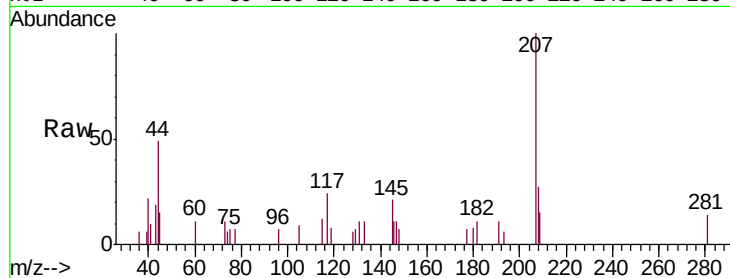




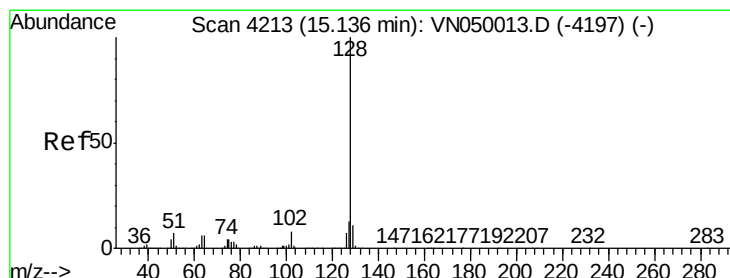
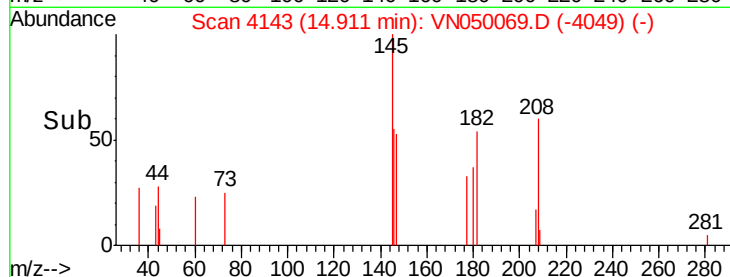
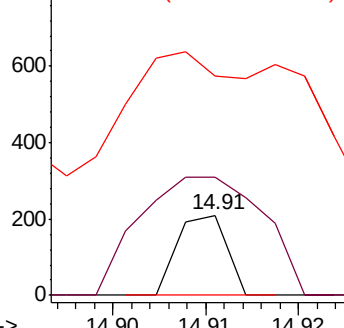
#93
 1,2,4-Trichlorobenzene
 Concen: 3.10 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN050069.D
 Acq: 26 Jul 2018 2:23

Instrument :
 MSVOA_N
 ClientSampled :
 RO-1-3

Tot Ion:180 Resp: 78
 Ion Ratio Lower Upper
 180 100
 182 366.7 46.7 140.1#
 145 1326.9 13.8 41.4#

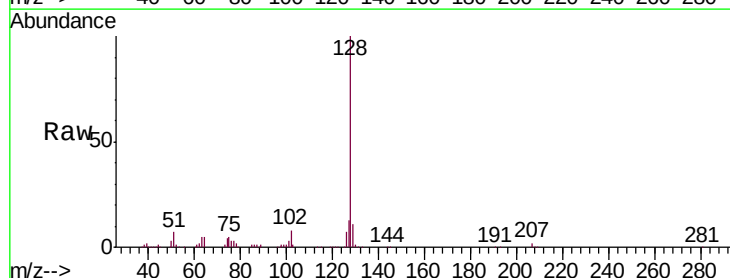


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 21.82 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN050069.D
 Acq: 26 Jul 2018 2:23

Tgt Ion:128 Resp: 298478
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.4 15.6
 129 10.9 8.8 13.2



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

