

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072018\
 Data File : VN049997.D
 Acq On : 21 Jul 2018 8:16
 Operator : MD\SY
 Sample : J3827-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-01-071918

Quant Time: Jul 23 01:04:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	541585	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	927035	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	760973	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	275943	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	393429	52.85	ug/l	0.00
Spiked Amount			Recovery	=	105.70%	
35) Dibromofluoromethane	7.59	113	348194	44.74	ug/l	0.00
Spiked Amount			Recovery	=	89.48%	
50) Toluene-d8	10.09	98	1222525	43.11	ug/l	0.00
Spiked Amount			Recovery	=	86.22%	
62) 4-Bromofluorobenzene	12.40	95	329414	33.73	ug/l	0.00
Spiked Amount			Recovery	=	67.46%	

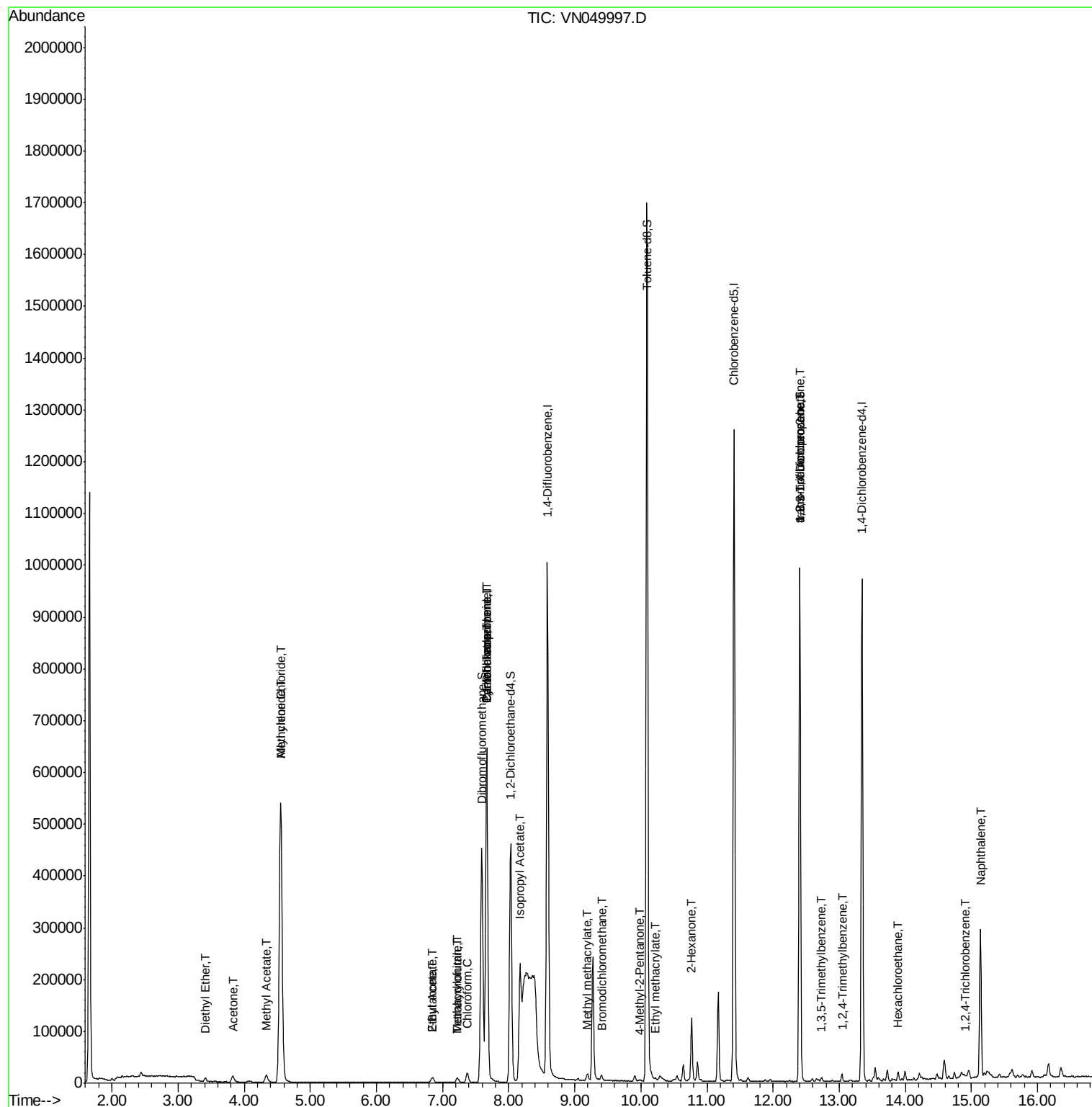
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.57	94	415	Below Cal	#	34
8) Diethyl Ether	3.41	74	3282	0.87	ug/l	91
14) Allyl chloride	4.55	41	15146	1.64	ug/l	# 24
16) Acetone	3.83	43	19083	9.90	ug/l	98
18) Methyl Acetate	4.34	43	28028	3.87	ug/l	96
20) Methylene Chloride	4.55	84	418201	57.06	ug/l	98
25) 2-Butanone	6.85	43	12059	4.38	ug/l	98
29) Tetrahydrofuran	7.23	42	7204	4.15	ug/l	# 74
30) Chloroform	7.37	83	18996	1.53	ug/l	100
31) Cyclohexane	7.66	56	10596	1.07	ug/l	# 1
36) 1,1-Dichloropropene	7.67	75	38574	3.74	ug/l	# 49
37) Ethyl Acetate	6.85	43	12059	1.70	ug/l	# 68
38) Carbon Tetrachloride	7.67	117	48296	4.37	ug/l	# 17
41) Methacrylonitrile	7.22	41	4800	1.35	ug/l	# 41
43) Isopropyl Acetate	8.17	43	265923	21.50	ug/l	# 95
47) Bromodichloromethane	9.41	83	5954	0.55	ug/l	# 92
48) Methyl methacrylate	9.18	41	7187	1.16	ug/l	# 18
51) 4-Methyl-2-Pentanone	9.99	43	1435	0.21	ug/l	97
56) Ethyl methacrylate	10.23	69	2525	2.39	ug/l	# 58
59) 2-Hexanone	10.77	43	17168	3.70	ug/l	# 58
76) 1,2,3-Trichloropropane	12.40	75	160810	31.07	ug/l	# 100
80) 1,3,5-Trimethylbenzene	12.73	105	3511	0.21	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	160810	97.14	ug/l	# 13
84) 1,2,4-Trimethylbenzene	13.04	105	8603	0.51	ug/l	100
90) Hexachloroethane	13.89	117	1322	0.35	ug/l	# 4
93) 1,2,4-Trichlorobenzene	14.91	180	705	3.60	ug/l	# 43
95) Naphthalene	15.14	128	245965	21.62	ug/l	99

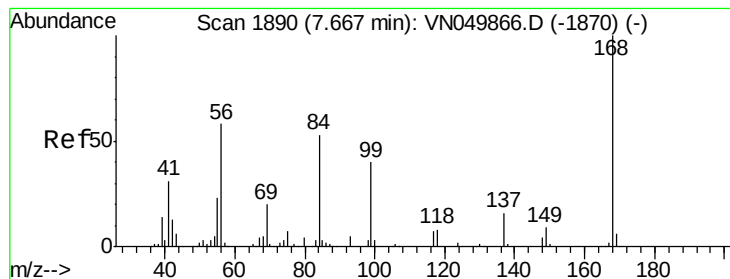
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 23 01:04:29 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 19 01:58:39 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049997.D

Acq: 21 Jul 2018 8:16

Instrument :

MSVOA_N

ClientSampleId :

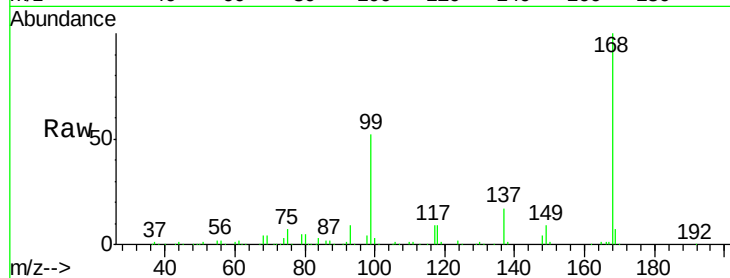
OR-01-071918

Tot Ion:168 Resp: 541585

Ion Ratio Lower Upper

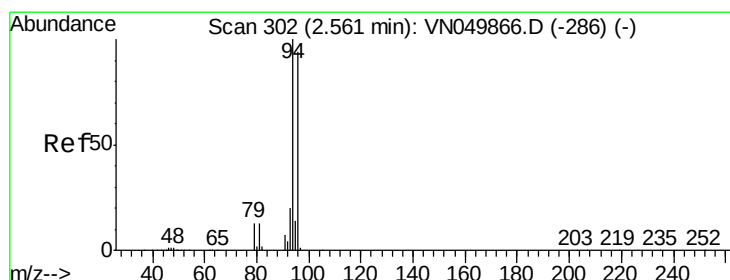
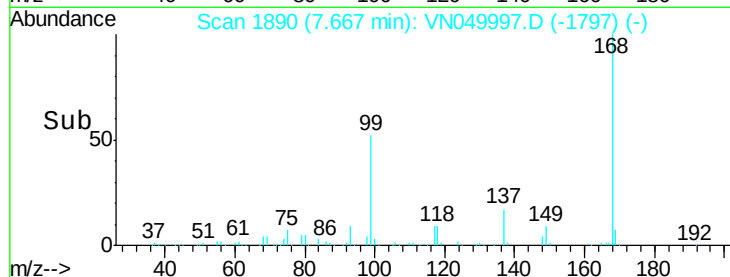
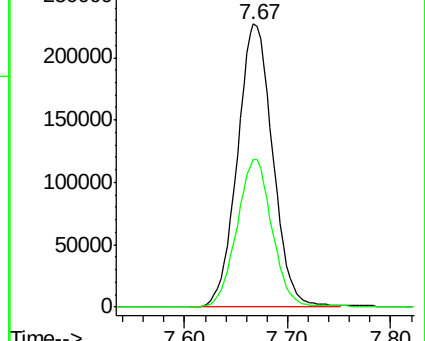
168 100

99 52.1 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 304

Delta R.T. 0.01 min

Lab File: VN049997.D

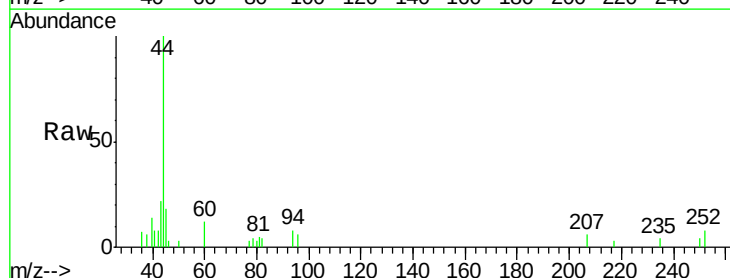
Acq: 21 Jul 2018 8:16

Tgt Ion: 94 Resp: 415

Ion Ratio Lower Upper

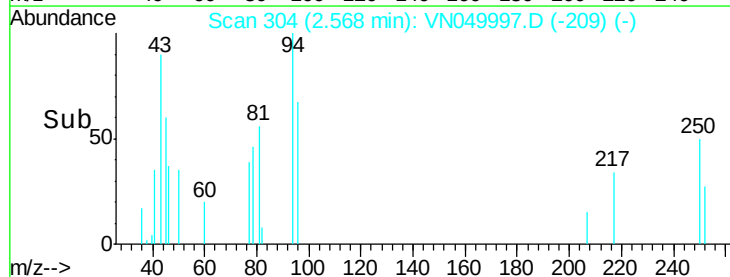
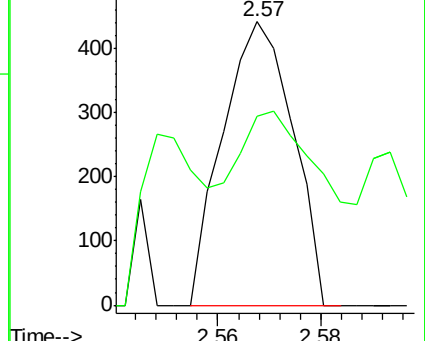
94 100

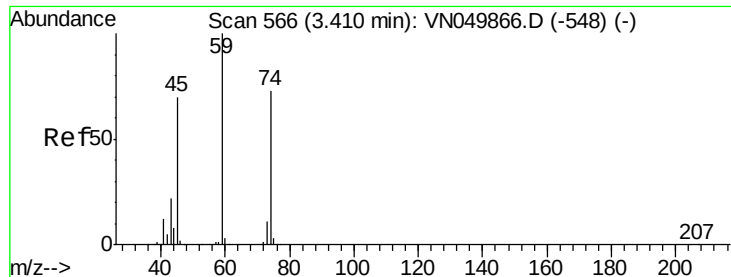
96 30.3 75.7 113.5#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0





#8

Diethyl Ether

Concen: 0.87 ug/l

RT: 3.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VN049997.D

Acq: 21 Jul 2018 8:16

Instrument :

MSVOA_N

ClientSampleId :

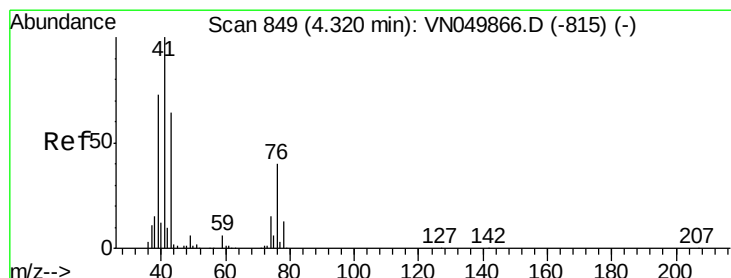
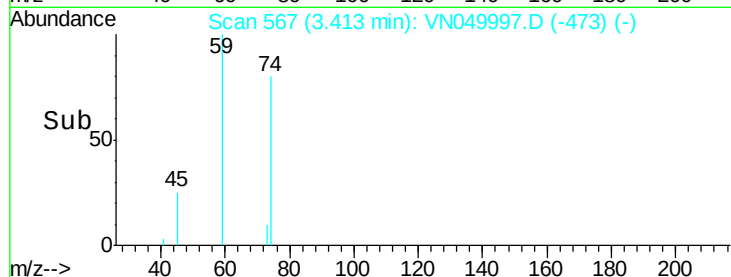
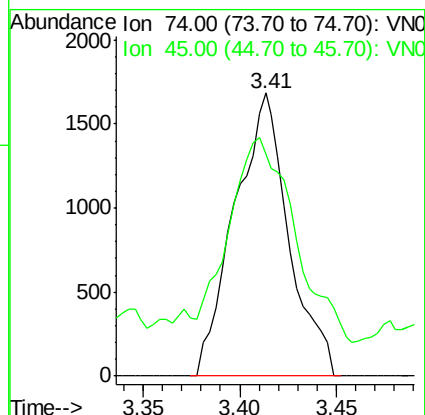
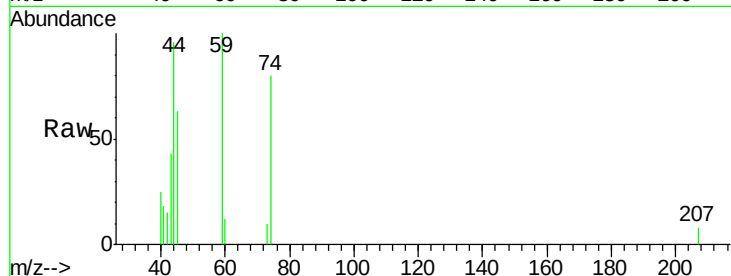
OR-01-071918

Tot Ion: 74 Resp: 3282

Ion Ratio Lower Upper

74 100

45 88.0 48.4 145.2



#14

Allyl chloride

Concen: 1.64 ug/l

RT: 4.55 min Scan# 922

Delta R.T. 0.23 min

Lab File: VN049997.D

Acq: 21 Jul 2018 8:16

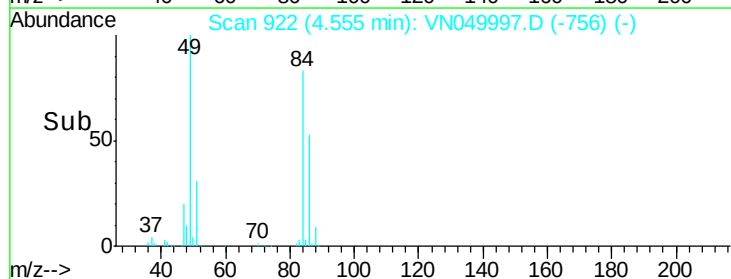
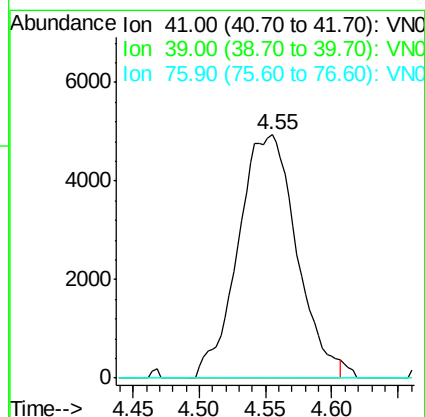
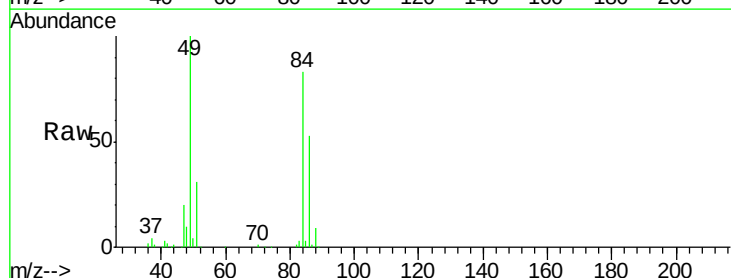
Tgt Ion: 41 Resp: 15146

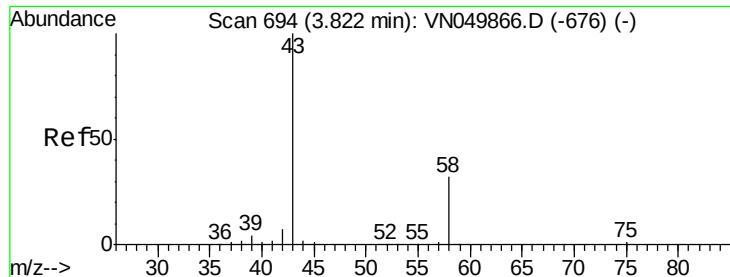
Ion Ratio Lower Upper

41 100

39 0.0 53.2 79.8#

76 0.0 29.0 43.6#





#16

Acetone

Concen: 9.90 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049997.D

Acq: 21 Jul 2018 8:16

Instrument :

MSVOA_N

ClientSampleId :

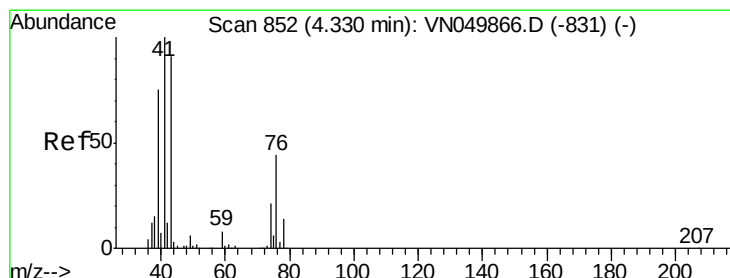
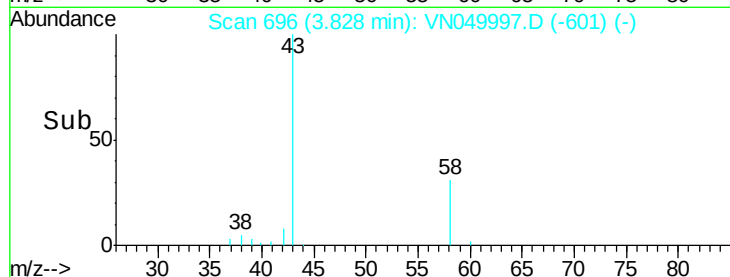
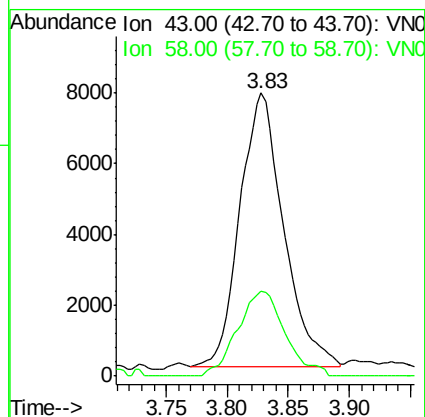
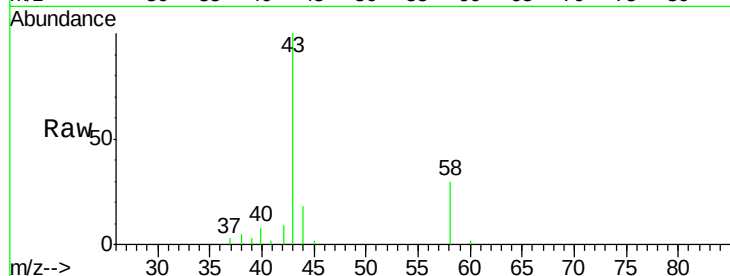
OR-01-071918

Tot Ion: 43 Resp: 19083

Ion Ratio Lower Upper

43 100

58 31.1 25.9 38.9



#18

Methyl Acetate

Concen: 3.87 ug/l

RT: 4.34 min Scan# 854

Delta R.T. 0.01 min

Lab File: VN049997.D

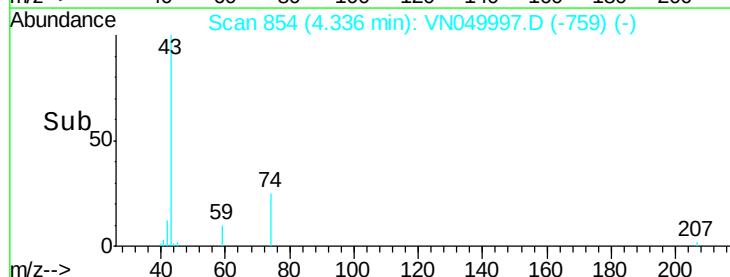
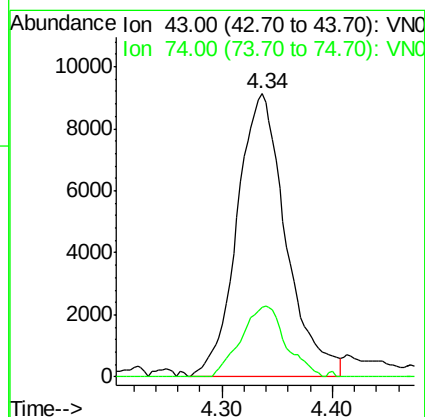
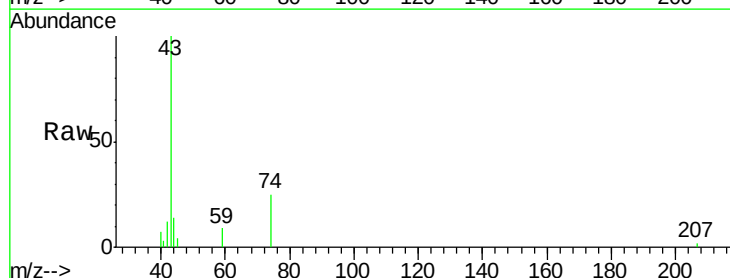
Acq: 21 Jul 2018 8:16

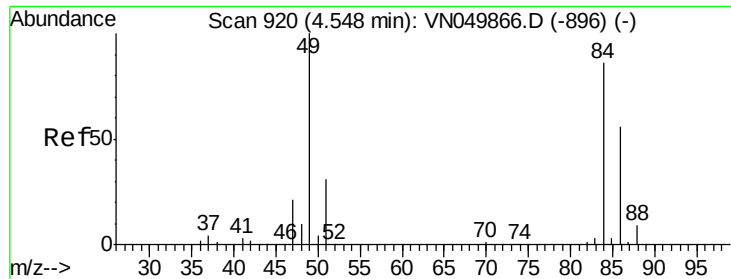
Tgt Ion: 43 Resp: 28028

Ion Ratio Lower Upper

43 100

74 22.8 19.8 29.8

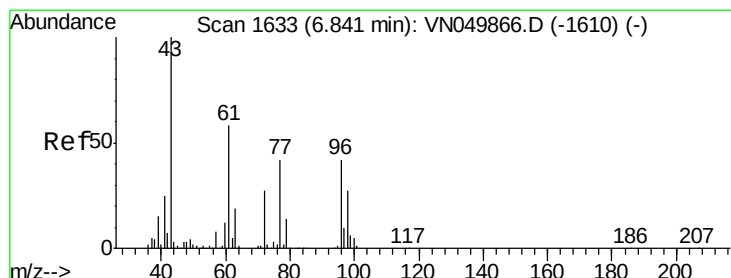
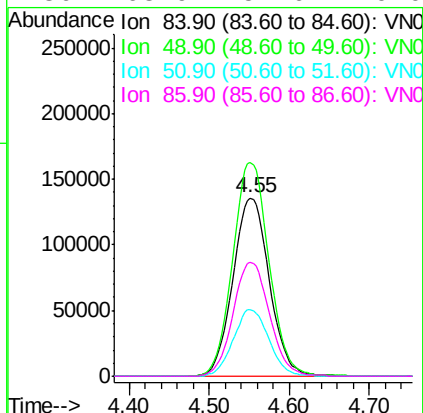
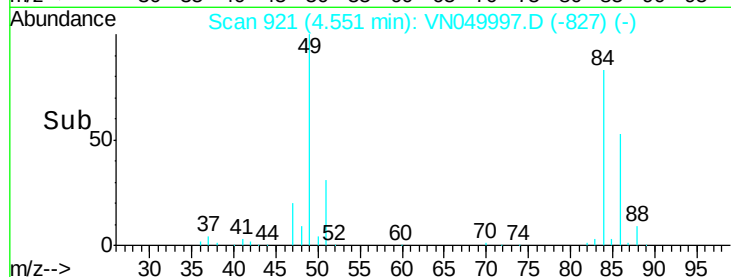
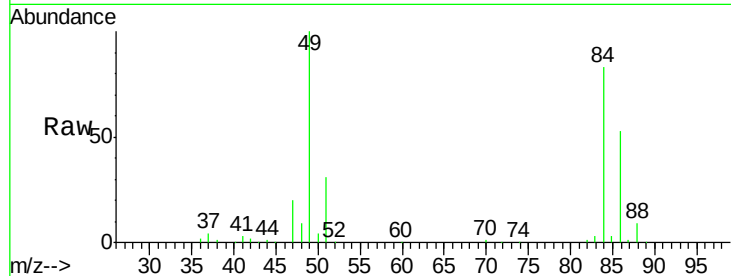




#20
Methvlene Chloride
Concen: 57.06 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049997.D
Acq: 21 Jul 2018 8:16

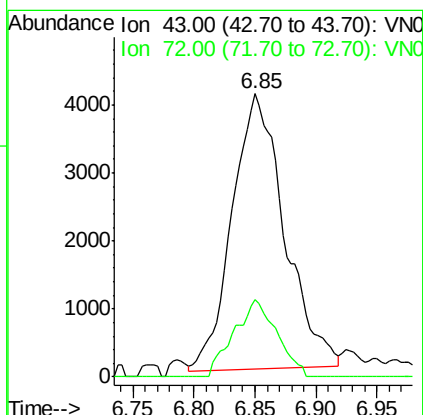
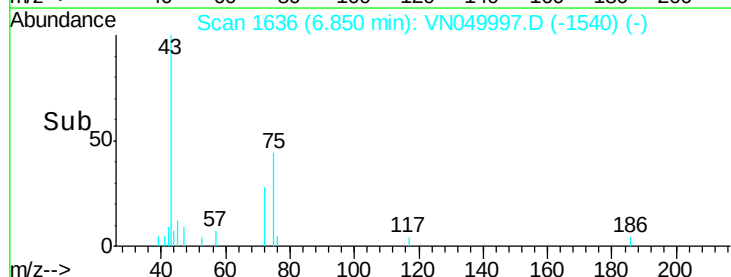
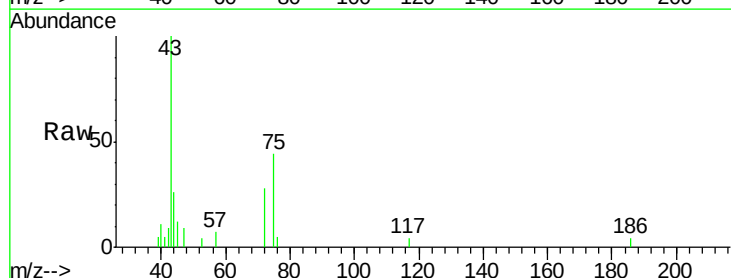
Instrument :
MSVOA_N
ClientSampleId :
OR-01-071918

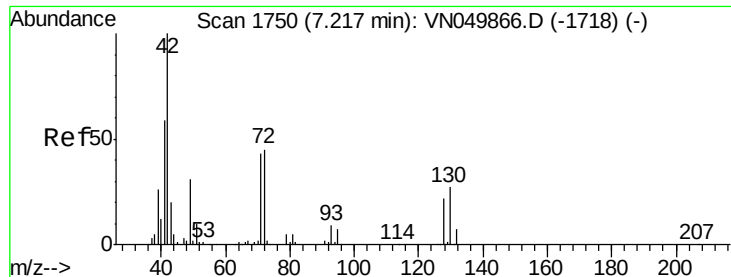
Tot Ion: 84 Resp: 418201
Ion Ratio Lower Upper
84 100
49 119.9 95.4 143.2
51 37.5 28.4 42.6
86 63.9 52.6 79.0



#25
2-Butanone
Concen: 4.38 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VN049997.D
Acq: 21 Jul 2018 8:16

Tgt Ion: 43 Resp: 12059
Ion Ratio Lower Upper
43 100
72 28.6 22.1 33.1





#29

Tetrahydrofuran

Concen: 4.15 ug/l

RT: 7.23 min Scan# 1753

Delta R.T. 0.01 min

Lab File: VN049997.D

Acq: 21 Jul 2018 8:16

Instrument :

MSVOA_N

ClientSampleId :

OR-01-071918

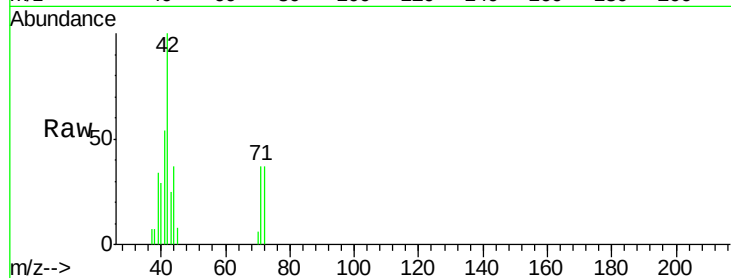
Tot Ion: 42 Resp: 7204

Ion Ratio Lower Upper

42 100

72 21.5 35.6 53.4#

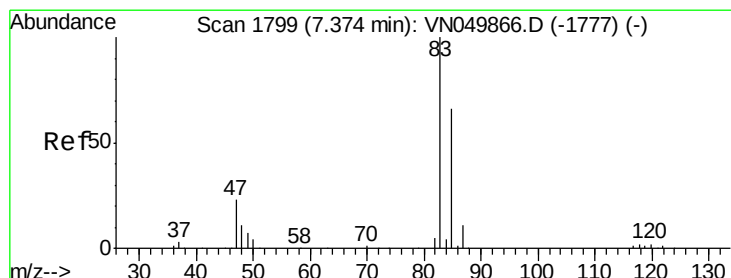
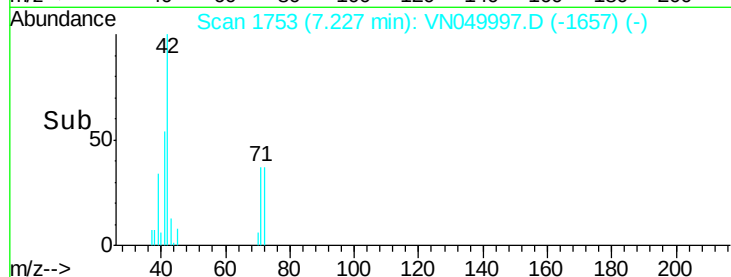
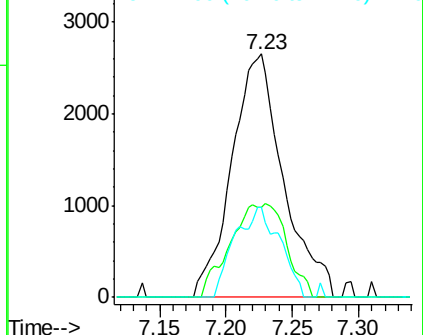
71 32.2 34.0 51.0#



Abundance Ion 42.00 (41.70 to 42.70): VN049866.D (-1718) (-)

Ion 72.00 (71.70 to 72.70): VN049866.D (-1718) (-)

Ion 71.00 (70.70 to 71.70): VN049866.D (-1718) (-)



#30

Chloroform

Concen: 1.53 ug/l

RT: 7.37 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VN049997.D

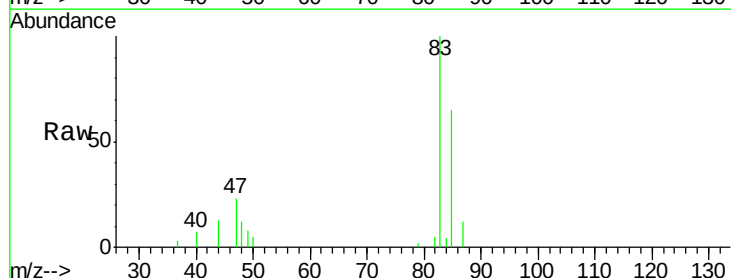
Acq: 21 Jul 2018 8:16

Tgt Ion: 83 Resp: 18996

Ion Ratio Lower Upper

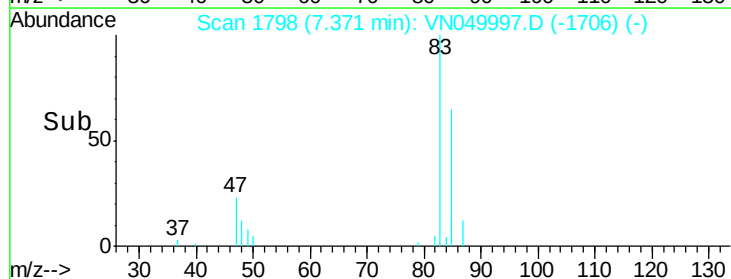
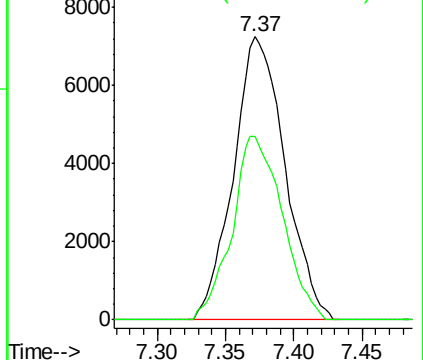
83 100

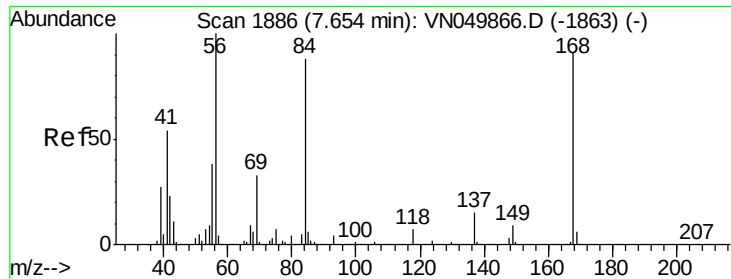
85 64.7 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VN049866.D (-1777) (-)

Ion 84.90 (84.60 to 85.60): VN049866.D (-1777) (-)

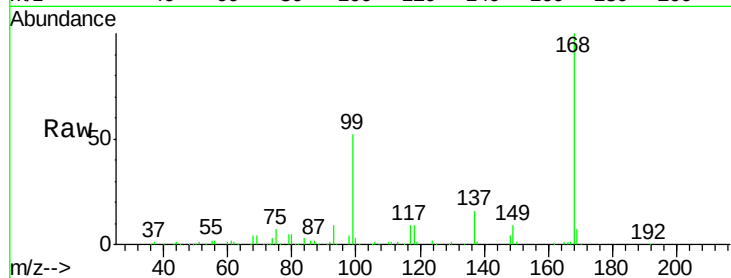




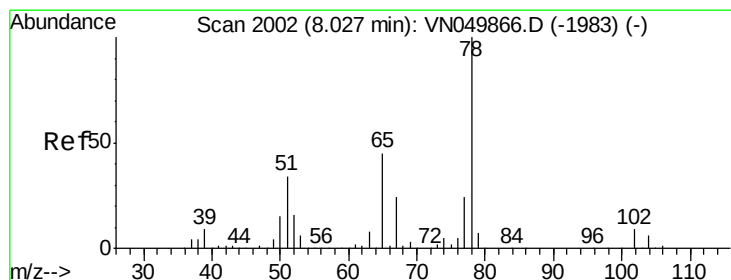
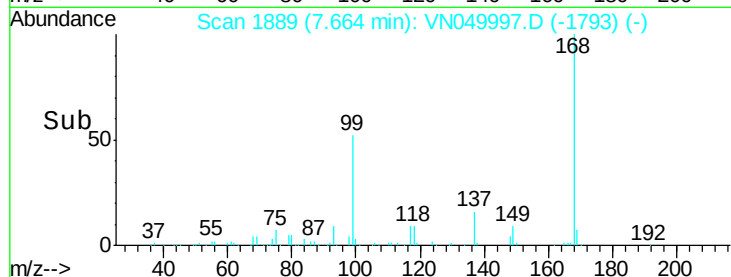
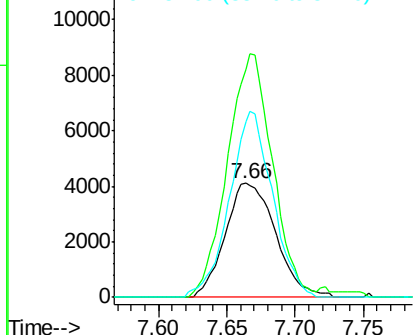
#31
Cyclohexane
Concen: 1.07 ug/l
RT: 7.66 min Scan# 1889
Delta R.T. 0.01 min
Lab File: VN049997.D
Acq: 21 Jul 2018 8:16

Instrument :
MSVOA_N
ClientSampled :
OR-01-071918

Tot Ion: 56 Resp: 10596
Ion Ratio Lower Upper
56 100
69 200.3 26.6 40.0#
84 154.4 69.0 103.6#

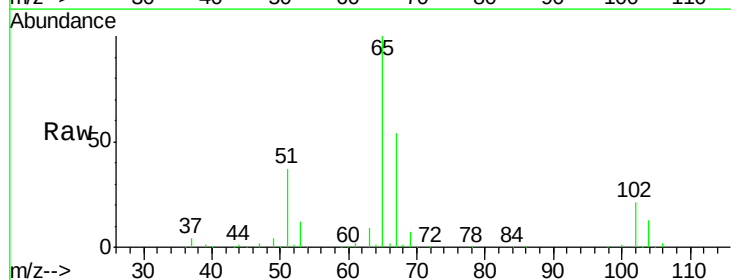


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

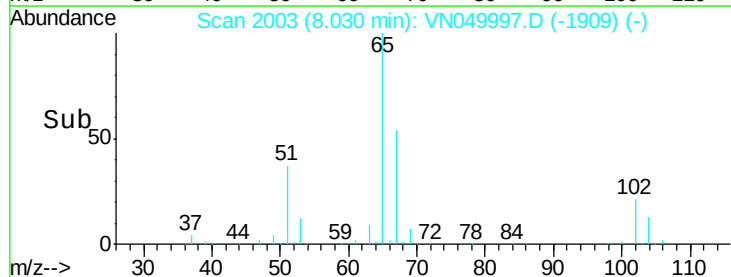
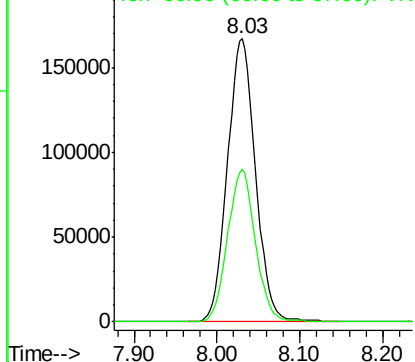


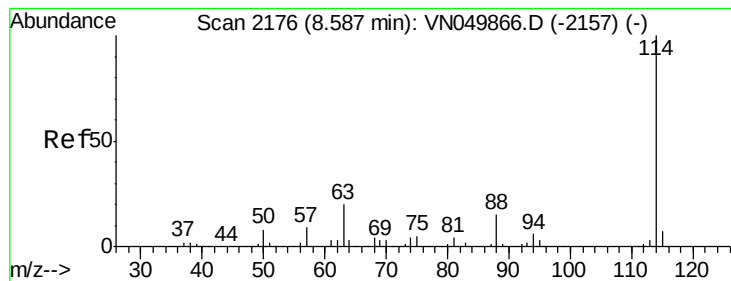
#33
1,2-Dichloroethane-d4
Concen: 52.85 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049997.D
Acq: 21 Jul 2018 8:16

Tgt Ion: 65 Resp: 393429
Ion Ratio Lower Upper
65 100
67 53.4 0.0 107.2



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# 2176

Delta R.T. 0.00 min

Lab File: VN049997.D

Acq: 21 Jul 2018 8:16

Instrument :

MSVOA_N

ClientSampleId :

OR-01-071918

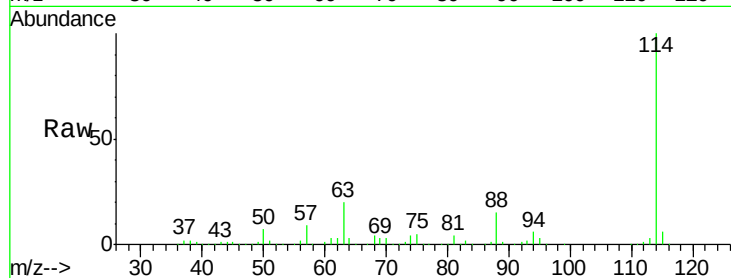
Tot Ion:114 Resp: 927035

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.8

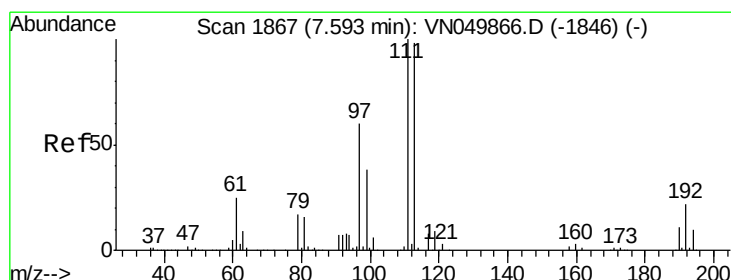
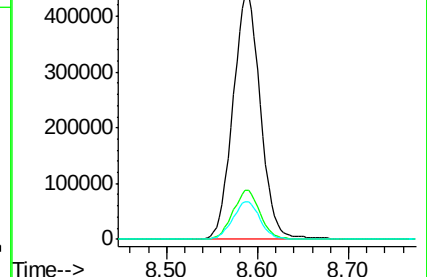
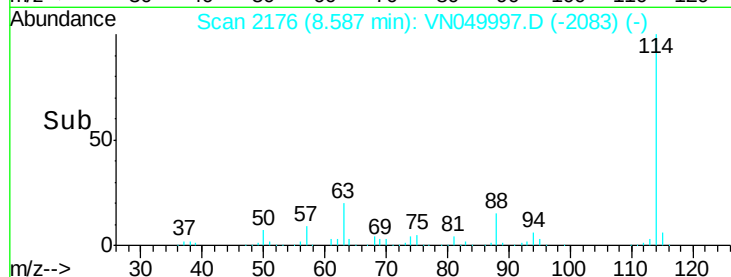
88 15.5 0.0 30.6



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: 44.74 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049997.D

Acq: 21 Jul 2018 8:16

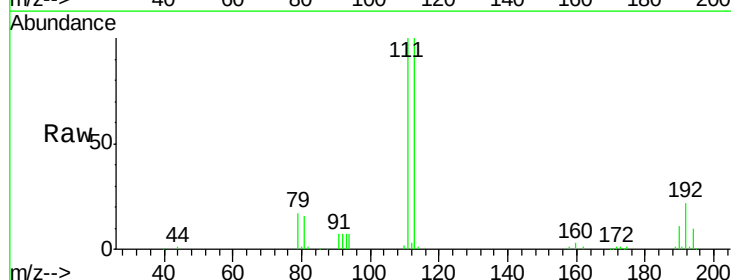
Tgt Ion:113 Resp: 348194

Ion Ratio Lower Upper

113 100

111 103.1 81.8 122.8

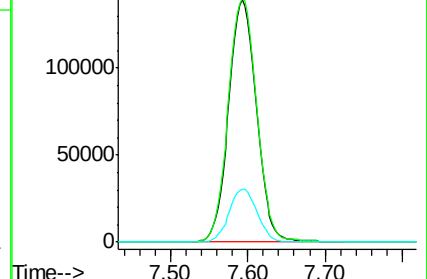
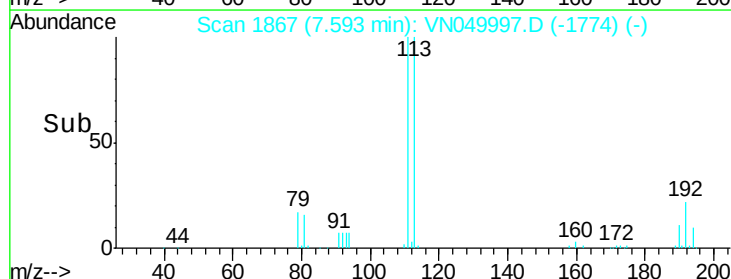
192 22.0 17.8 26.6

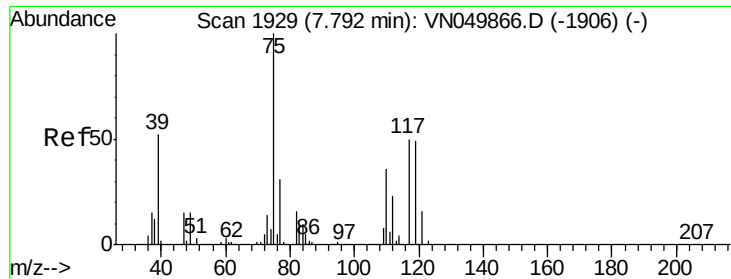


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.74 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.13 min

Lab File: VN049997.D

Acq: 21 Jul 2018 8:16

Instrument :

MSVOA_N

ClientSampleId :

OR-01-071918

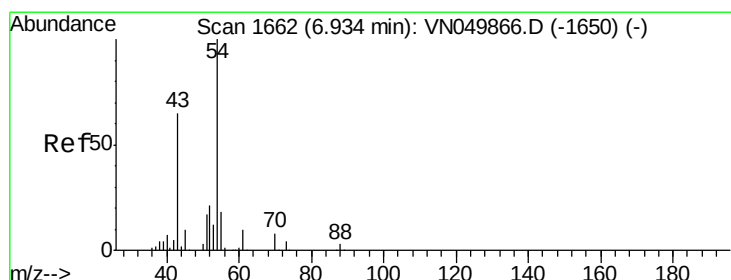
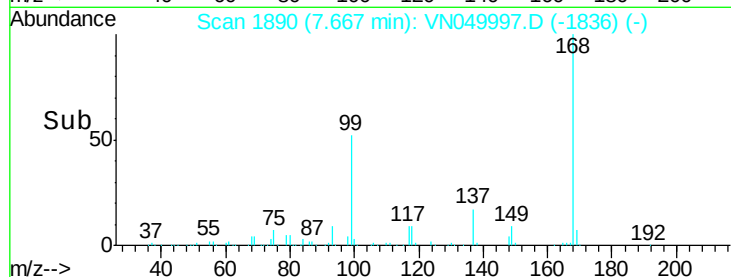
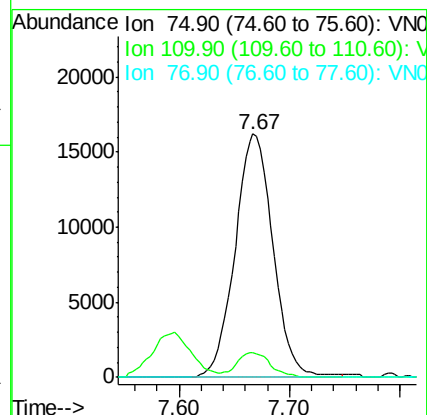
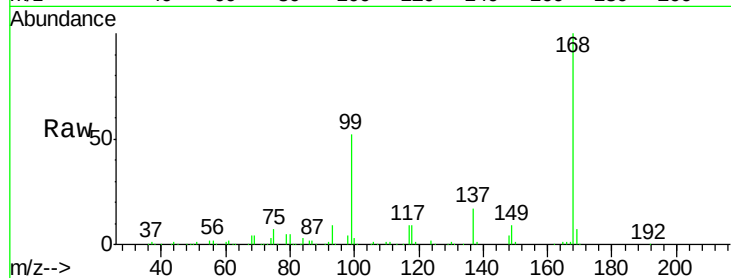
Tot Ion: 75 Resp: 38574

Ion Ratio Lower Upper

75 100

110 9.1 18.1 54.4#

77 0.0 24.9 37.3#



#37

Ethyl Acetate

Concen: 1.70 ug/l

RT: 6.85 min Scan# 1636

Delta R.T. -0.08 min

Lab File: VN049997.D

Acq: 21 Jul 2018 8:16

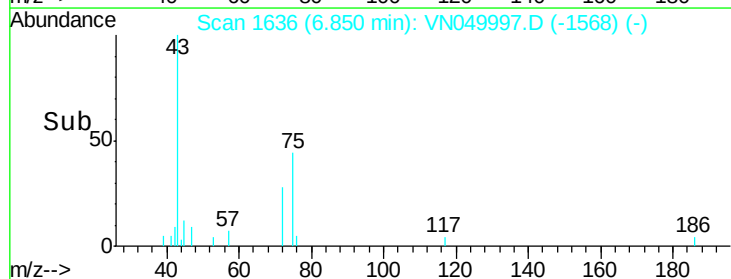
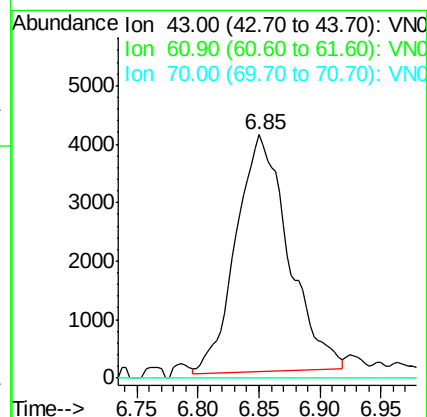
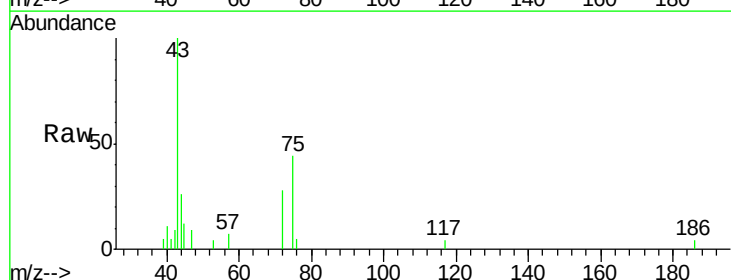
Tgt Ion: 43 Resp: 12059

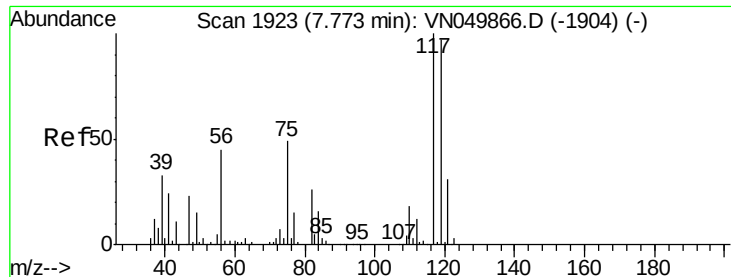
Ion Ratio Lower Upper

43 100

61 0.0 11.7 17.5#

70 0.0 8.4 12.6#

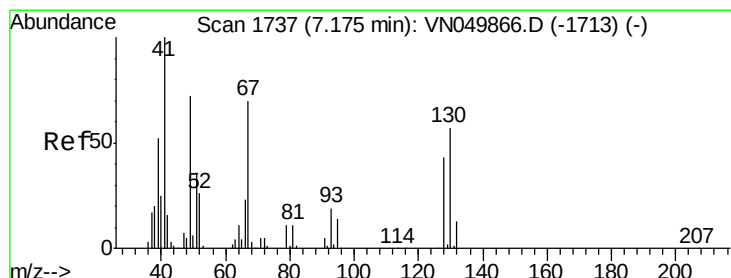
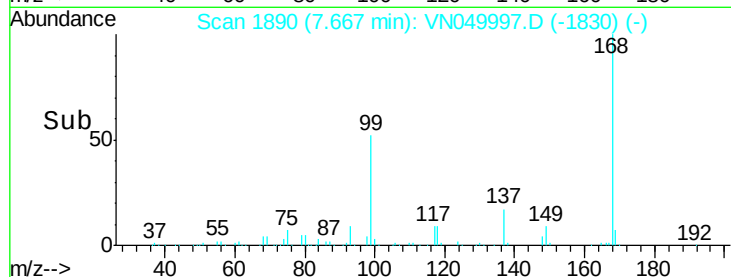
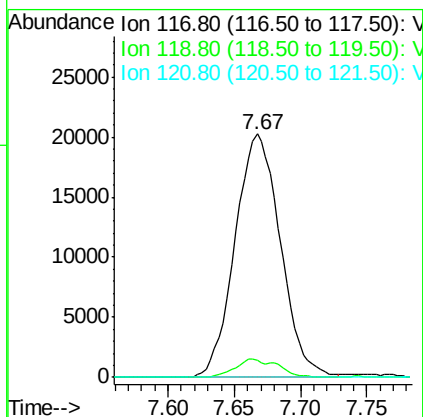
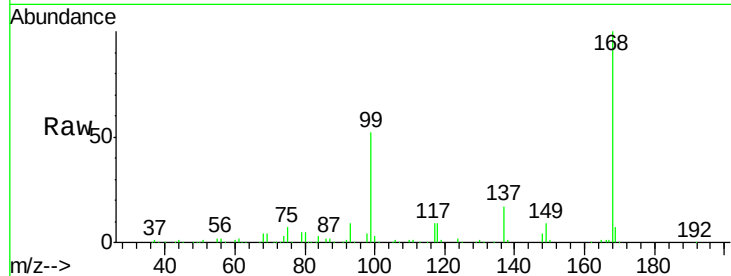




#38
Carbon Tetrachloride
Concen: 4.37 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN049997.D
Acq: 21 Jul 2018 8:16

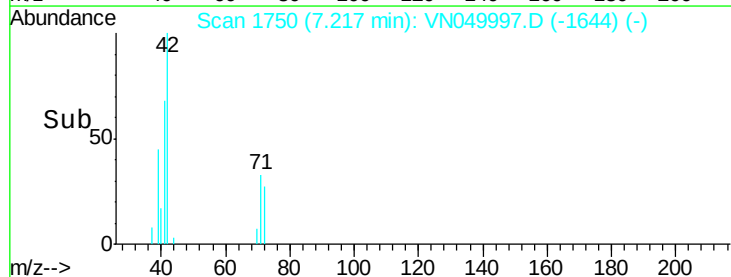
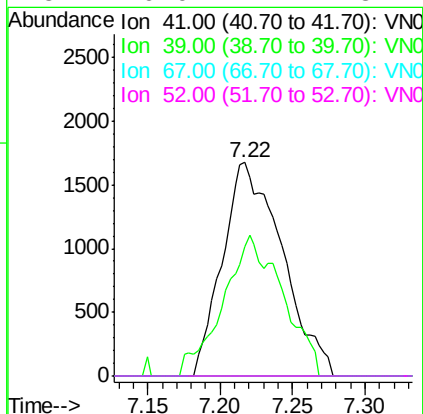
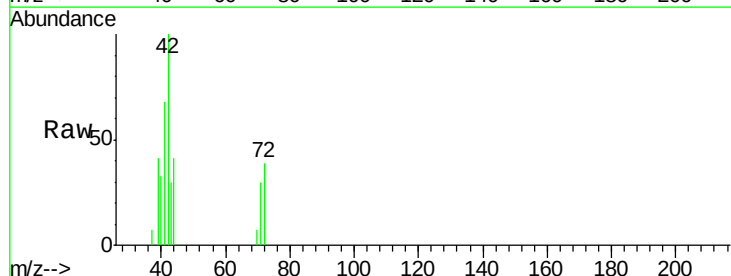
Instrument :
MSVOA_N
ClientSampled :
OR-01-071918

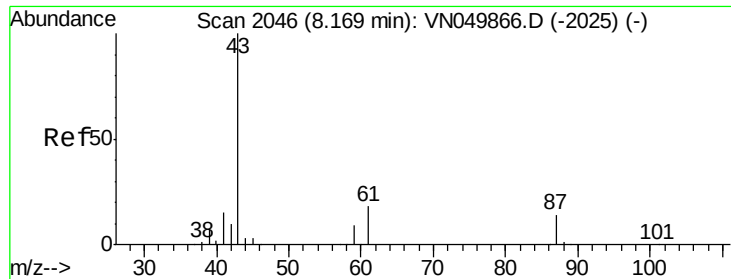
Tot Ion:117 Resp: 48296
Ion Ratio Lower Upper
117 100
119 6.9 77.2 115.8#
121 0.0 25.0 37.6#



#41
Methacrylonitrile
Concen: 1.35 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. 0.04 min
Lab File: VN049997.D
Acq: 21 Jul 2018 8:16

Tgt Ion: 41 Resp: 4800
Ion Ratio Lower Upper
41 100
39 65.8 45.4 68.2
67 0.0 65.4 98.0#
52 0.0 24.7 37.1#





#43

Isopropyl Acetate

Concen: 21.50 ug/l

RT: 8.17 min Scan# 2047

Delta R.T. 0.00 min

Lab File: VN049997.D

Acq: 21 Jul 2018 8:16

Instrument :

MSVOA_N

ClientSampleId :

OR-01-071918

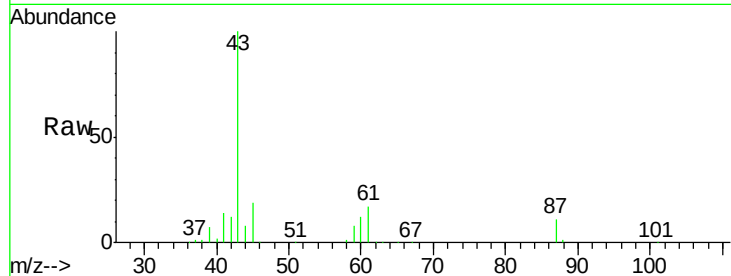
Tot Ion: 43 Resp: 265923

Ion Ratio Lower Upper

43 100

61 16.7 14.9 22.3

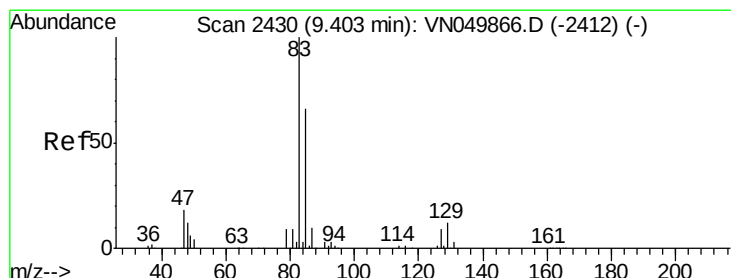
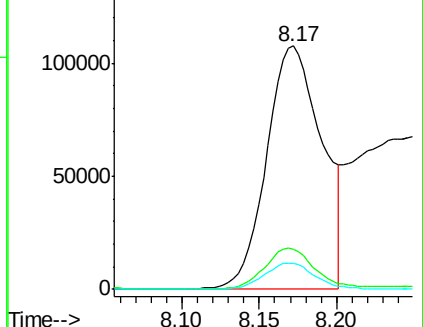
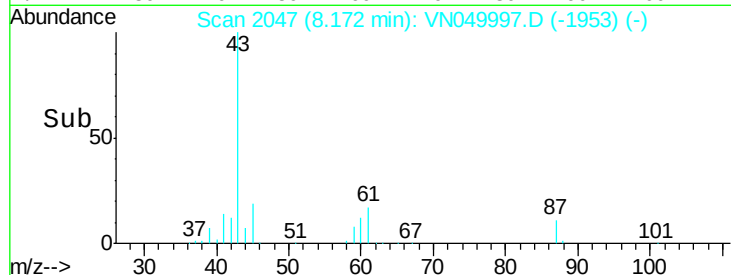
87 9.9 10.0 15.0#



Abundance Ion 43.00 (42.70 to 43.70): VN049997.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN049997.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN049997.D (-1953) (-)



#47

Bromodichloromethane

Concen: 0.55 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN049997.D

Acq: 21 Jul 2018 8:16

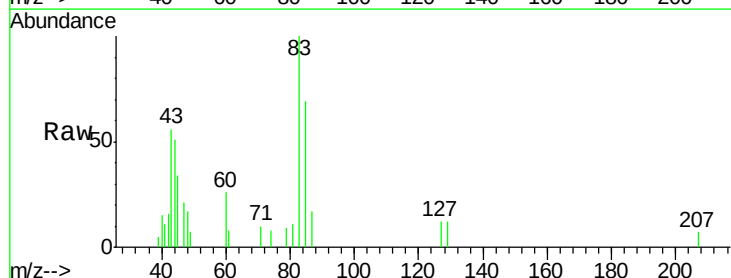
Tgt Ion: 83 Resp: 5954

Ion Ratio Lower Upper

83 100

85 68.8 50.5 75.7

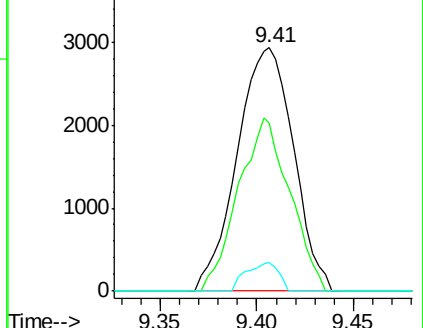
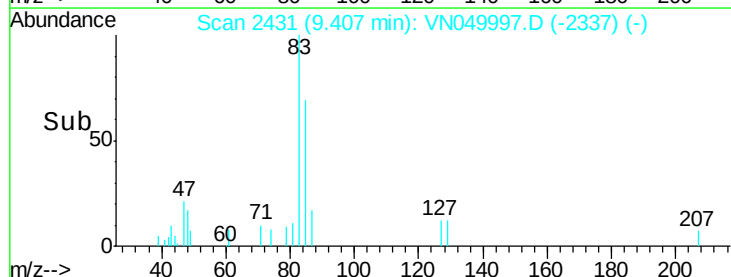
127 11.8 6.8 10.2#

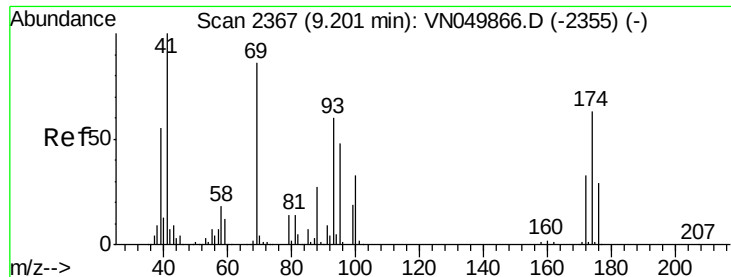


Abundance Ion 82.90 (82.60 to 83.60): VN049997.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN049997.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049997.D (-2337) (-)

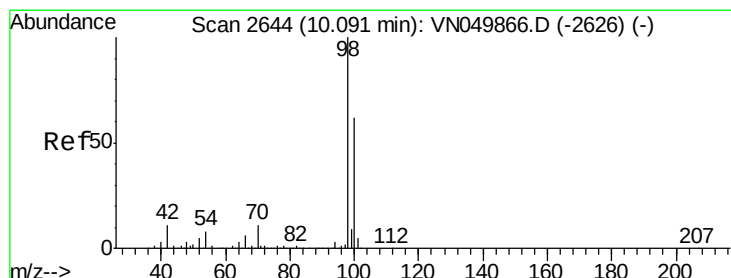
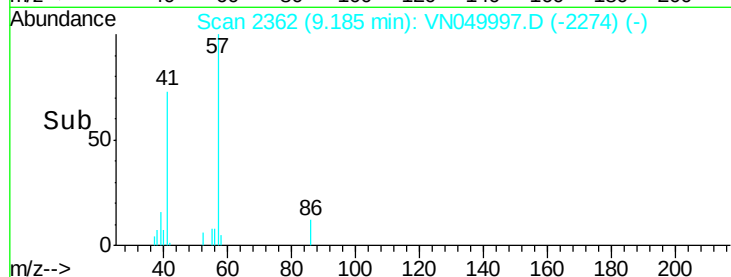
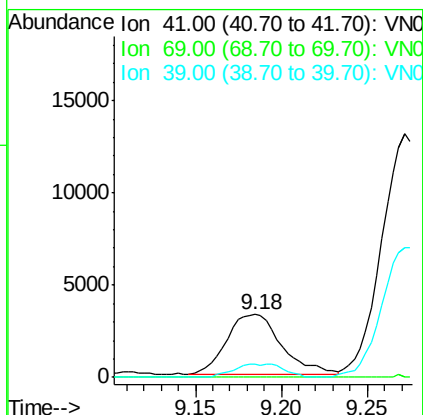
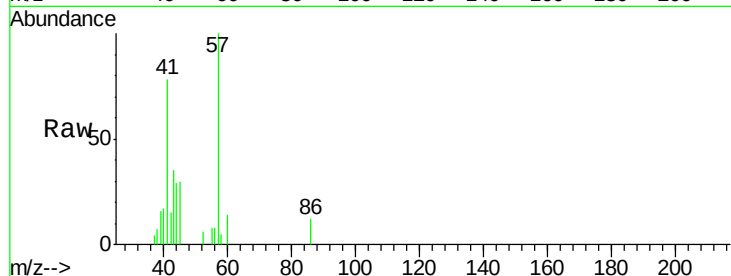




#48
Methvl methacrylate
Concen: 1.16 ug/l
RT: 9.18 min Scan# 2362
Delta R.T. -0.02 min
Lab File: VN049997.D
Acq: 21 Jul 2018 8:16

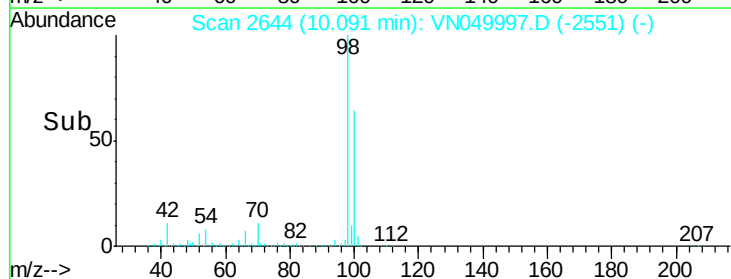
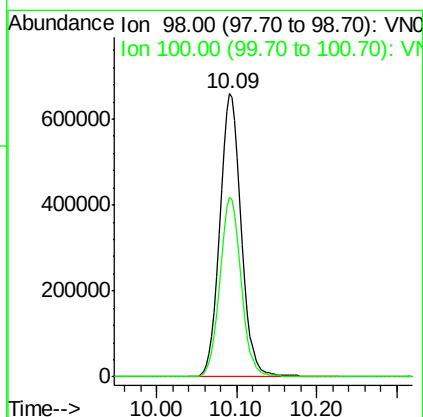
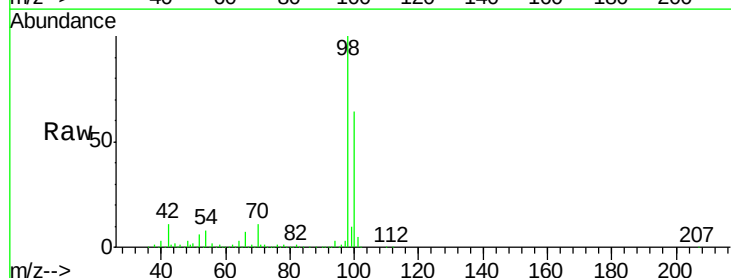
Instrument :
MSVOA_N
ClientSampleId :
OR-01-071918

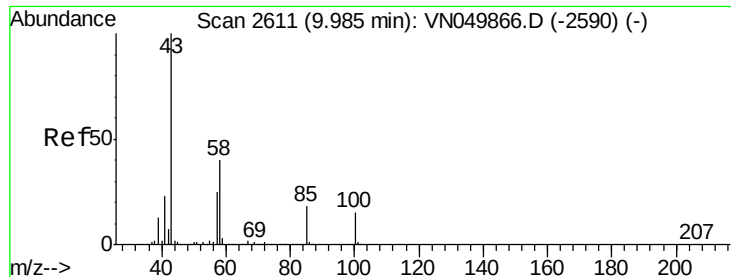
Tot Ion: 41 Resp: 7187
Ion Ratio Lower Upper
41 100
69 0.0 71.5 107.3#
39 11.7 44.7 67.1#



#50
Toluene-d8
Concen: 43.11 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049997.D
Acq: 21 Jul 2018 8:16

Tgt Ion: 98 Resp: 1222525
Ion Ratio Lower Upper
98 100
100 63.2 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 0.21 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. 0.00 min

Lab File: VN049997.D

Acq: 21 Jul 2018 8:16

Instrument :

MSVOA_N

ClientSampleId :

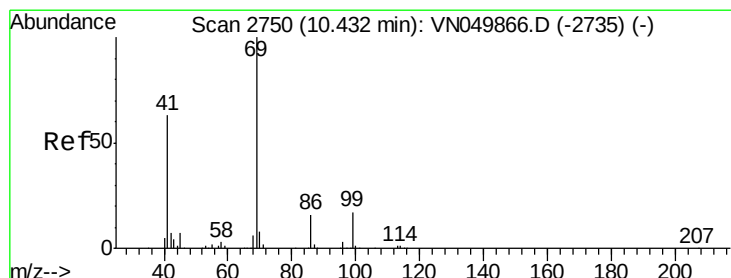
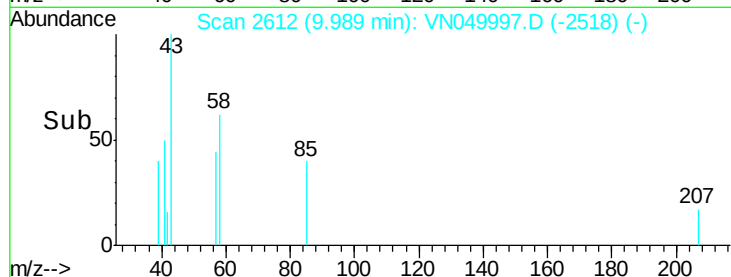
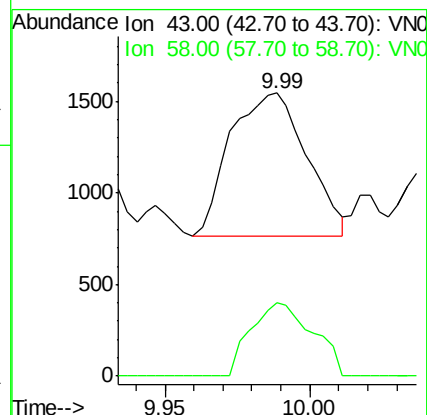
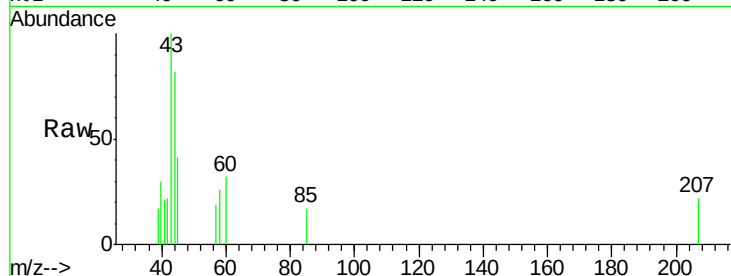
OR-01-071918

Tot Ion: 43 Resp: 1435

Ion Ratio Lower Upper

43 100

58 41.5 31.8 47.8



#56

Ethyl methacrylate

Concen: 2.39 ug/l

RT: 10.23 min Scan# 2687

Delta R.T. -0.20 min

Lab File: VN049997.D

Acq: 21 Jul 2018 8:16

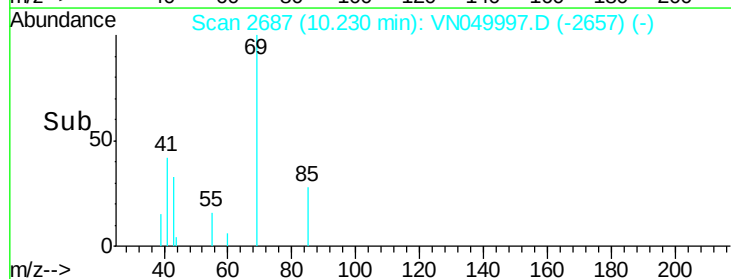
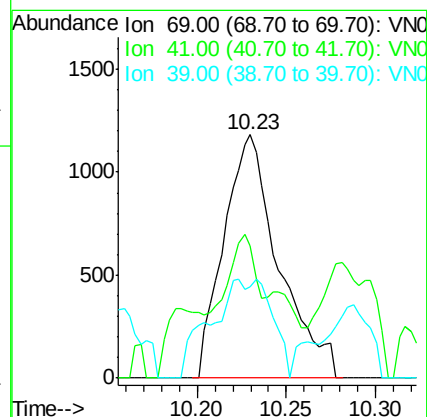
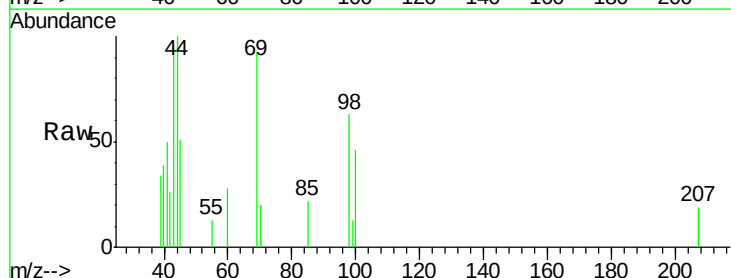
Tgt Ion: 69 Resp: 2525

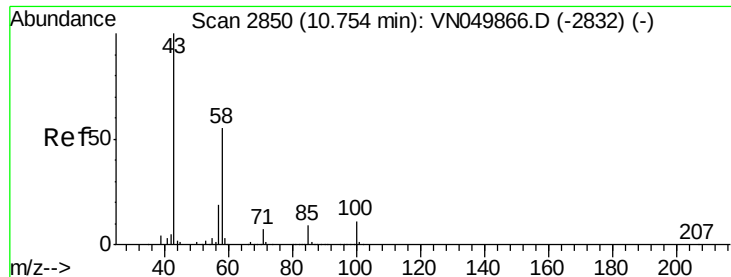
Ion Ratio Lower Upper

69 100

41 18.9 51.6 77.4#

39 26.7 25.8 38.8





#59

2-Hexanone

Concen: 3.70 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN049997.D

Acq: 21 Jul 2018 8:16

Instrument :

MSVOA_N

ClientSampleId :

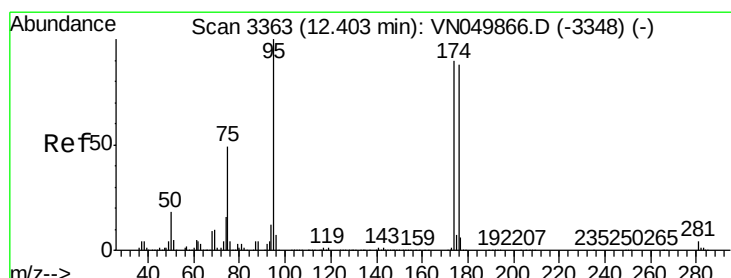
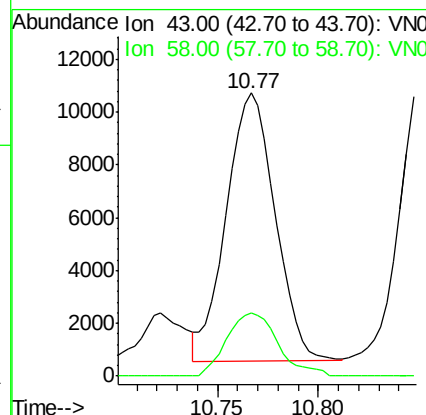
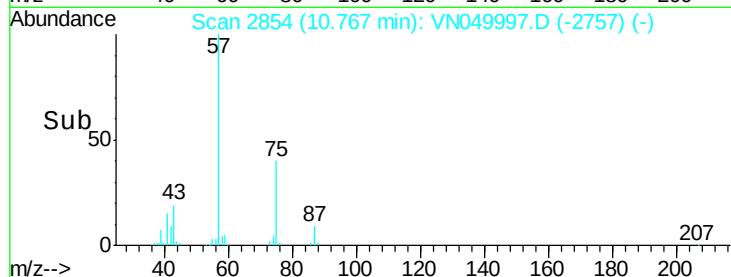
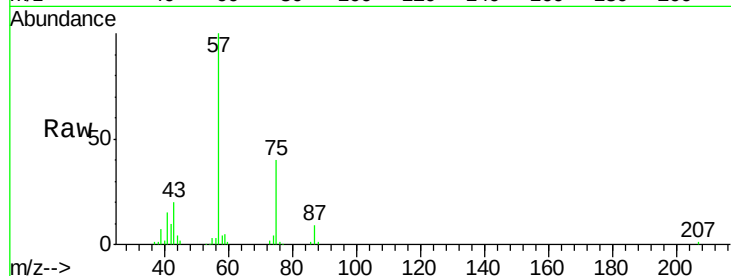
OR-01-071918

Tot Ion: 43 Resp: 17168

Ion Ratio Lower Upper

43 100

58 24.8 27.8 83.4#



#62

4-Bromofluorobenzene

Concen: 33.73 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049997.D

Acq: 21 Jul 2018 8:16

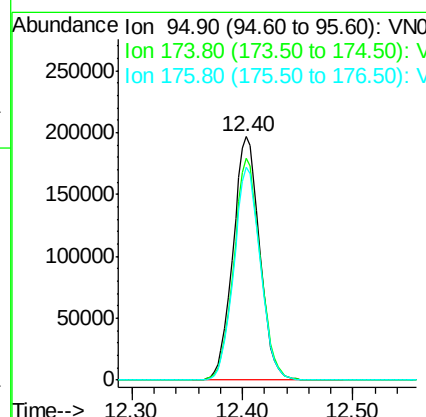
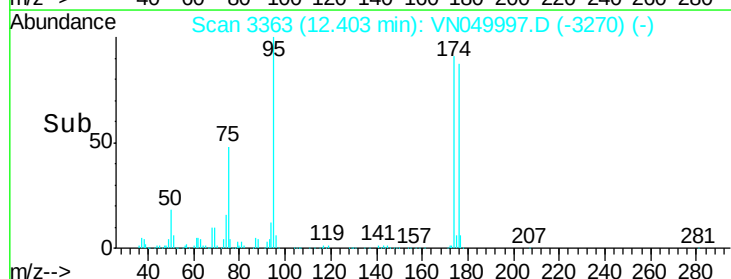
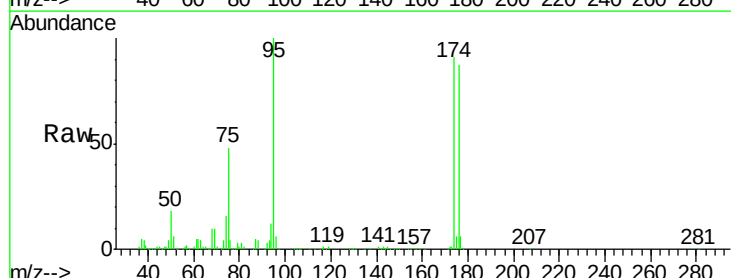
Tgt Ion: 95 Resp: 329414

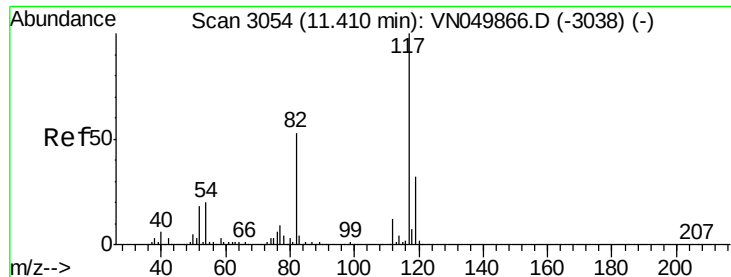
Ion Ratio Lower Upper

95 100

174 90.7 0.0 179.6

176 86.9 0.0 174.0

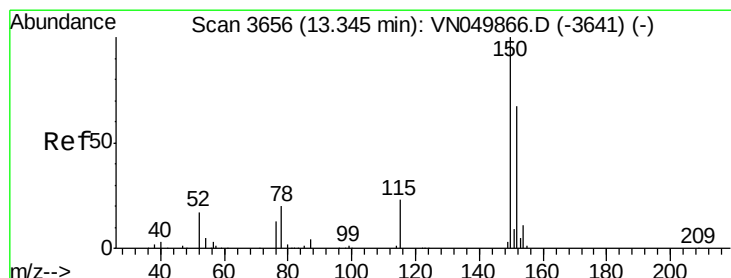
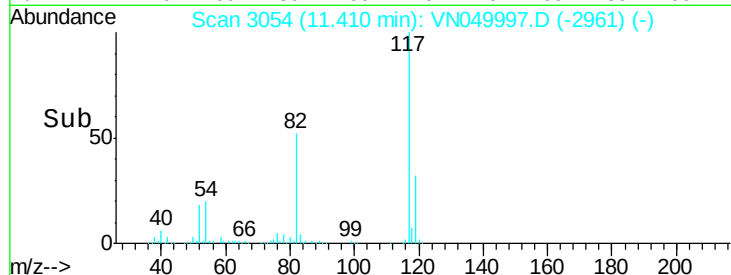
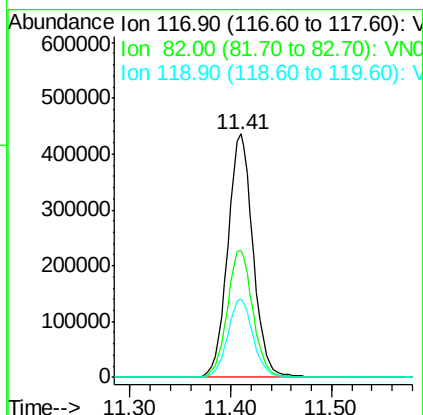
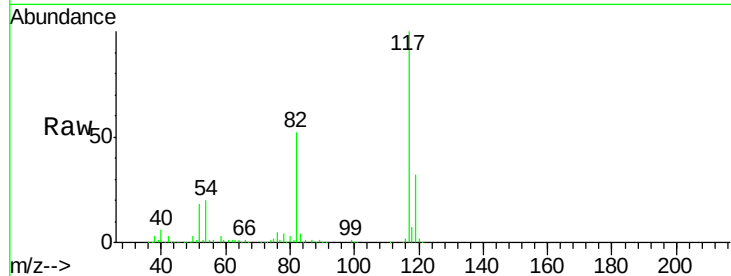




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049997.D
Acq: 21 Jul 2018 8:16

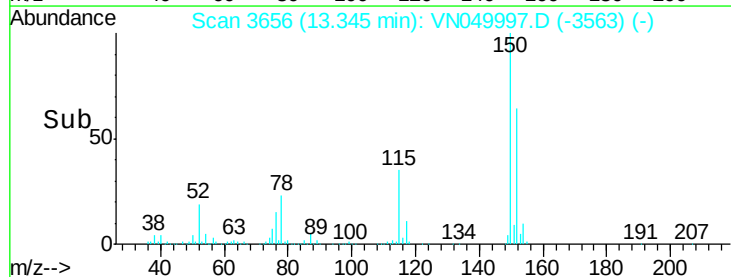
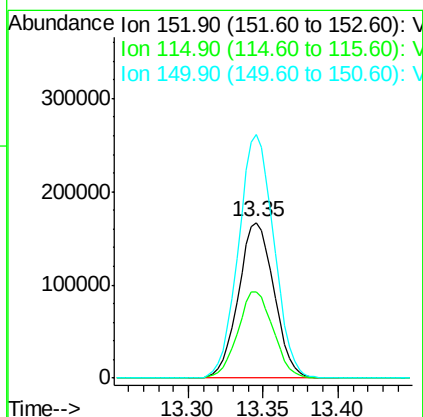
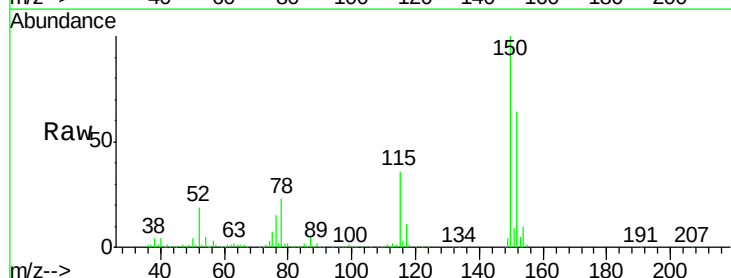
Instrument :
MSVOA_N
ClientSampleId :
OR-01-071918

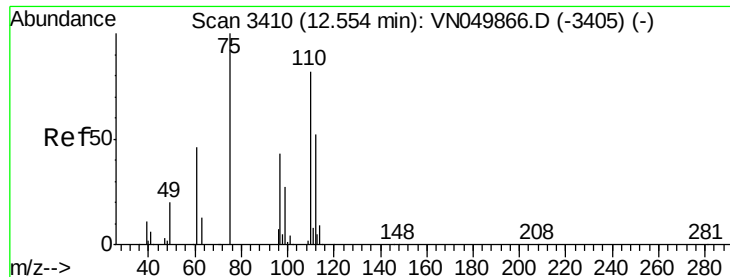
Tot Ion:117 Resp: 760973
Ion Ratio Lower Upper
117 100
82 52.5 41.9 62.9
119 32.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN049997.D
Acq: 21 Jul 2018 8:16

Tgt Ion:152 Resp: 275943
Ion Ratio Lower Upper
152 100
115 55.5 28.1 84.2
150 156.2 0.0 347.6





#76

1,2,3-Trichloropropane

Concen: 31.07 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049997.D

Acq: 21 Jul 2018 8:16

Instrument :

MSVOA_N

ClientSampleId :

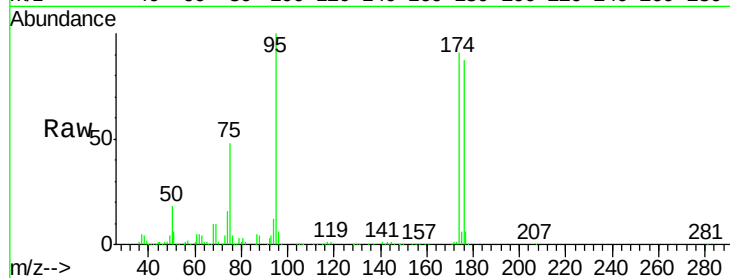
OR-01-071918

Tot Ion: 75 Resp: 160810

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN049866.D (-3405) (-)

Ion 77.00 (76.70 to 77.70): VN049866.D (-3405) (-)

12.40

100000

80000

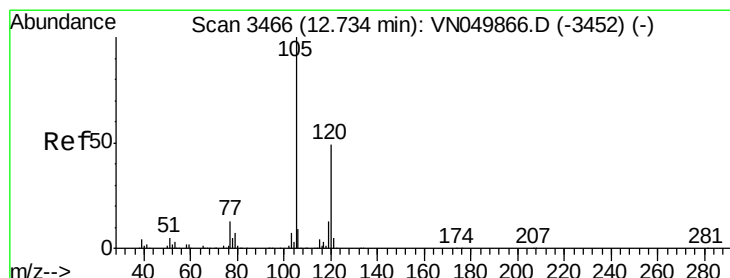
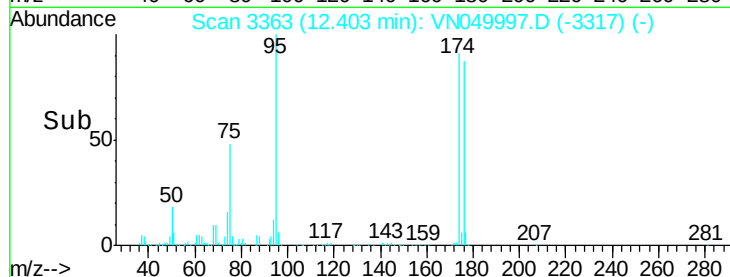
60000

40000

20000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.21 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049997.D

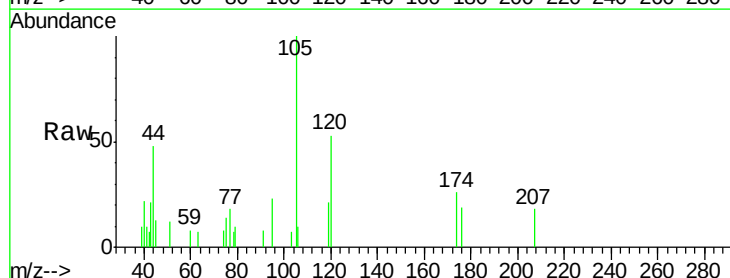
Acq: 21 Jul 2018 8:16

Tgt Ion: 105 Resp: 3511

Ion Ratio Lower Upper

105 100

120 51.4 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VN049866.D (-3452) (-)

Ion 120.00 (119.70 to 120.70): VN049866.D (-3452) (-)

12.73

2500

2000

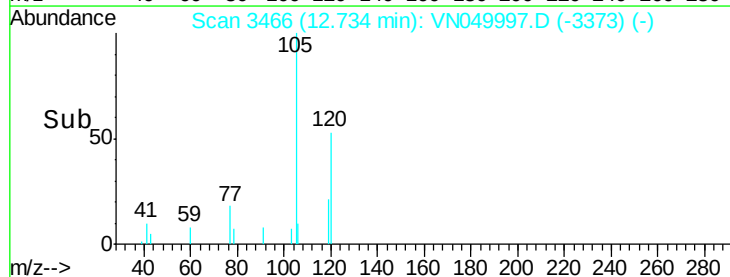
1500

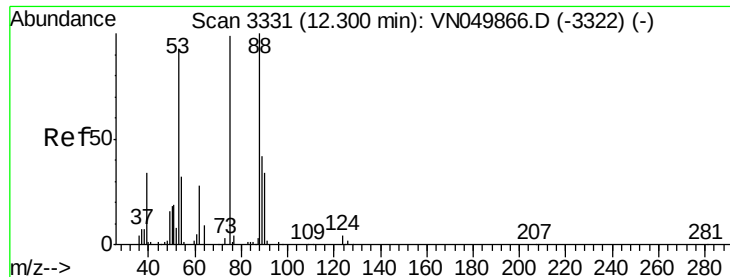
1000

500

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 97.14 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049997.D

Acq: 21 Jul 2018 8:16

Instrument :

MSVOA_N

ClientSampleId :

OR-01-071918

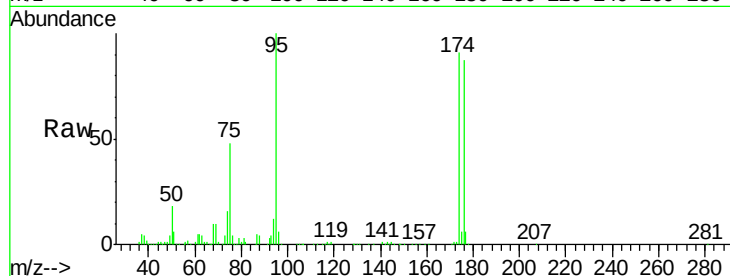
Tot Ion: 75 Resp: 160810

Ion Ratio Lower Upper

75 100

53 0.2 73.9 110.9#

89 0.0 35.9 53.9#

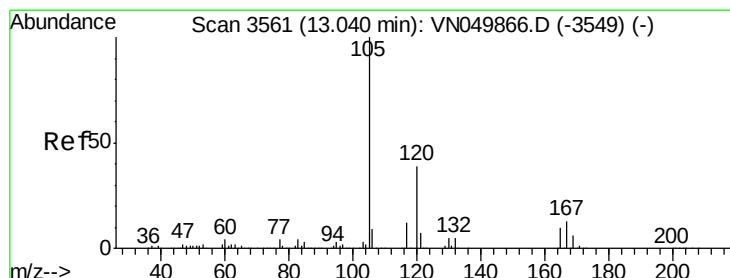
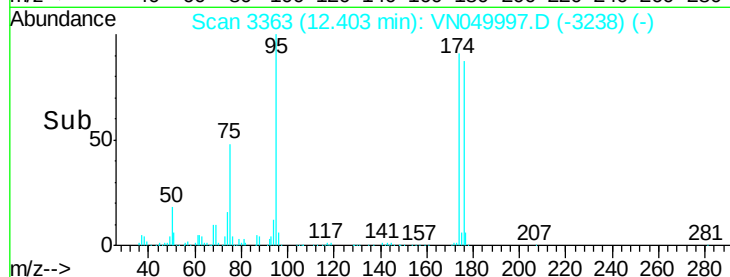
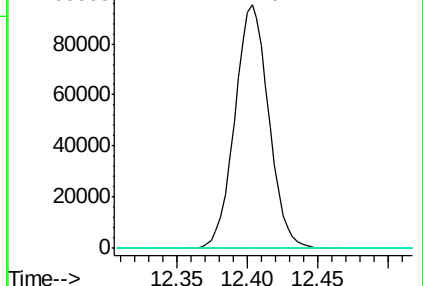


Abundance Ion 74.90 (74.60 to 75.60): VN049997.D (-3363) (-)

Ion 53.00 (52.70 to 53.70): VN049997.D (-3363) (-)

Ion 88.90 (88.60 to 89.60): VN049997.D (-3363) (-)

12.40



#84

1,2,4-Trimethylbenzene

Concen: 0.51 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. 0.00 min

Lab File: VN049997.D

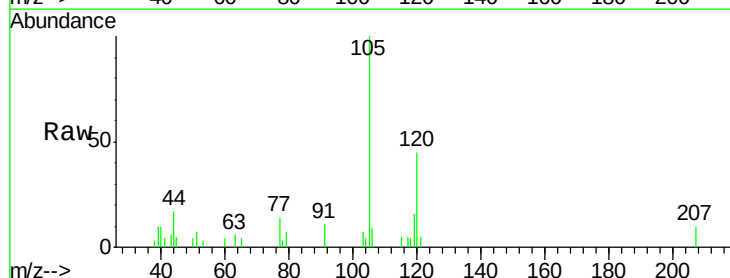
Acq: 21 Jul 2018 8:16

Tgt Ion: 105 Resp: 8603

Ion Ratio Lower Upper

105 100

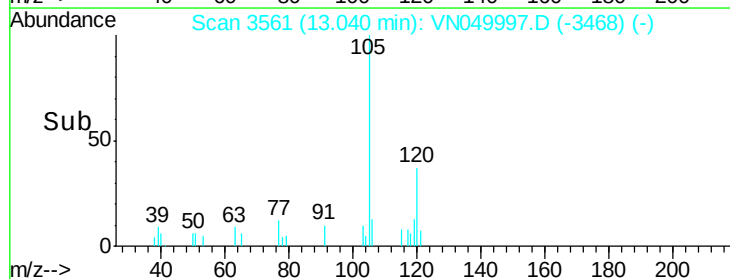
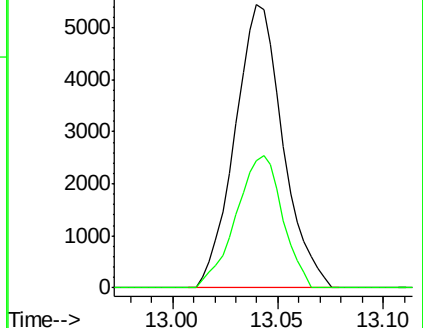
120 45.1 22.7 68.1

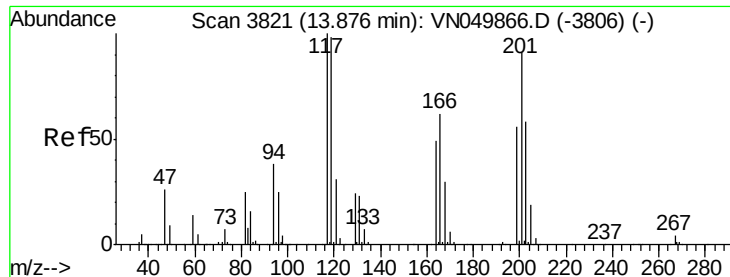


Abundance Ion 105.00 (104.70 to 105.70): VN049997.D (-3561) (-)

Ion 120.00 (119.70 to 120.70): VN049997.D (-3561) (-)

13.04





#90

Hexachloroethane

Concen: 0.35 ug/l

RT: 13.89 min Scan# 3825

Delta R.T. 0.01 min

Lab File: VN049997.D

Acq: 21 Jul 2018 8:16

Instrument :

MSVOA_N

ClientSampled :

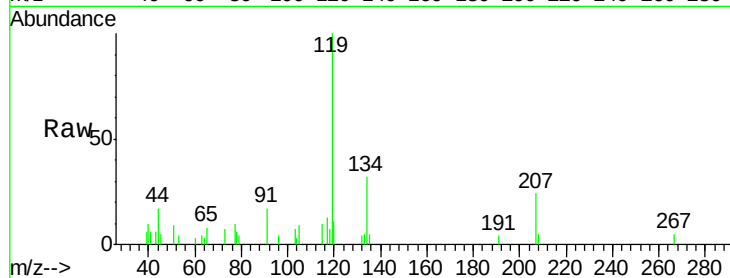
OR-01-071918

Tot Ion:117 Resp: 1322

Ion Ratio Lower Upper

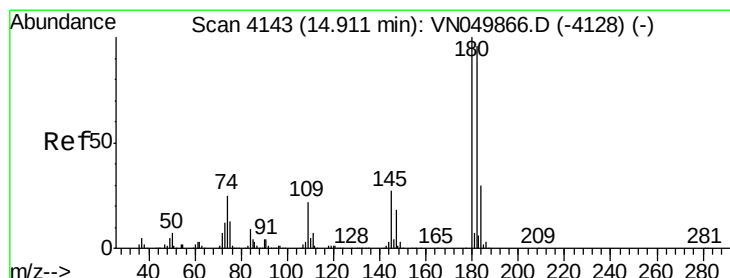
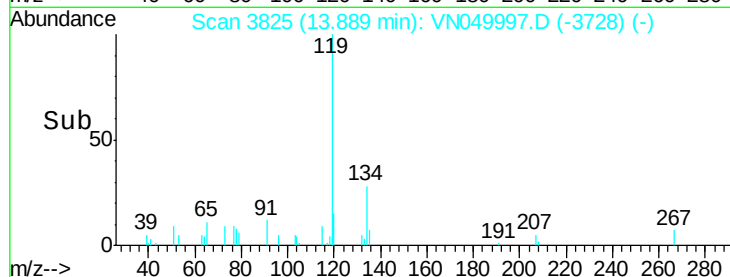
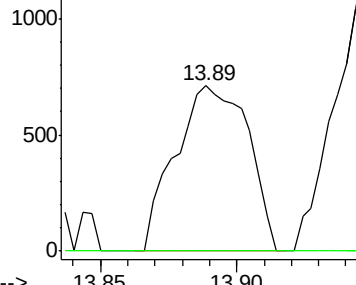
117 100

201 0.0 45.3 135.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#93

1,2,4-Trichlorobenzene

Concen: 3.60 ug/l

RT: 14.91 min Scan# 4143

Delta R.T. 0.00 min

Lab File: VN049997.D

Acq: 21 Jul 2018 8:16

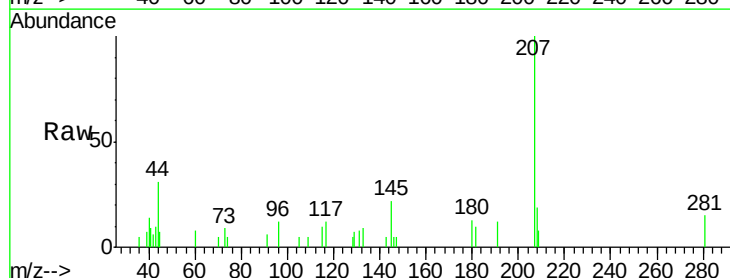
Tgt Ion:180 Resp: 705

Ion Ratio Lower Upper

180 100

182 89.5 47.3 141.9

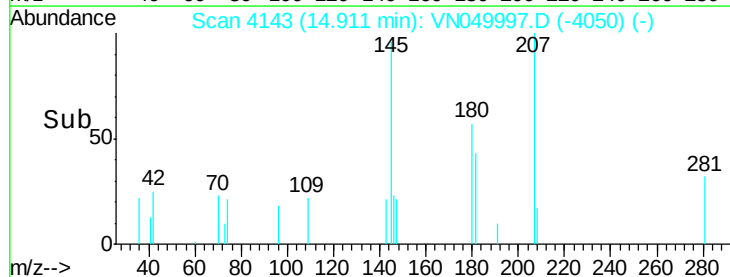
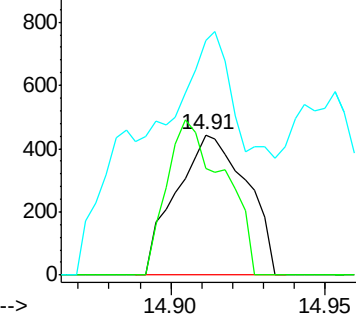
145 150.4 14.4 43.0#

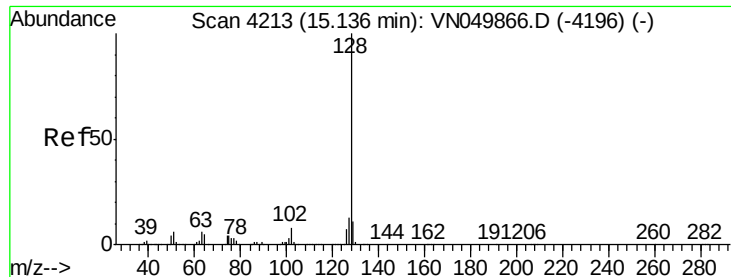


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

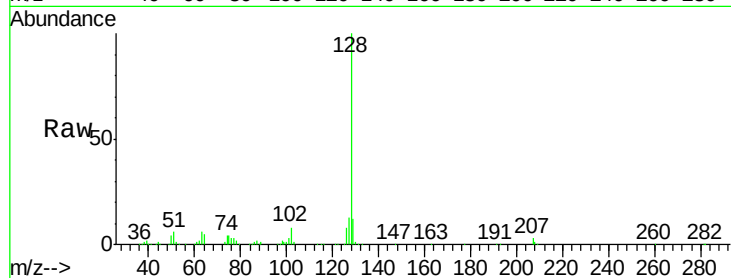




#95
Naphthalene
Concen: 21.62 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049997.D
Acq: 21 Jul 2018 8:16

Instrument :
MSVOA_N
ClientSampleId :
OR-01-071918

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.5	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

