

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080318\
 Data File : VN050343.D
 Acq On : 4 Aug 2018 4:39
 Operator : MD\SY
 Sample : J4313-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 C-6

Quant Time: Aug 04 05:37:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	642722	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1063544	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	903086	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	367357	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	456380	50.89	ug/l	0.00
Spiked Amount			Recovery	=	101.78%	
35) Dibromofluoromethane	7.59	113	409055	47.11	ug/l	0.00
Spiked Amount			Recovery	=	94.22%	
50) Toluene-d8	10.09	98	1461130	45.77	ug/l	0.00
Spiked Amount			Recovery	=	91.54%	
62) 4-Bromofluorobenzene	12.40	95	414229	39.41	ug/l	0.00
Spiked Amount			Recovery	=	78.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	3799	0.38	ug/l	# 85
5) Bromomethane	2.56	94	3858	Below	Cal	# 87
13) Acrolein	3.61	56	820	1.55	ug/l	# 71
14) Allyl chloride	4.54	41	6737	0.59	ug/l	# 25
16) Acetone	3.83	43	42310	15.97	ug/l	# 98
20) Methylene Chloride	4.55	84	191126	23.37	ug/l	# 98
25) 2-Butanone	6.85	43	2497	0.73	ug/l	# 90
29) Tetrahydrofuran	7.21	42	619	0.28	ug/l	# 86
30) Chloroform	7.37	83	25178	1.66	ug/l	# 98
31) Cyclohexane	7.66	56	11665	0.88	ug/l	# 1
36) 1,1-Dichloropropene	7.67	75	44553	3.72	ug/l	# 48
38) Carbon Tetrachloride	7.67	117	56849	4.47	ug/l	# 17
41) Methacrylonitrile	7.20	41	144	2.78	ug/l	# 10
43) Isopropyl Acetate	8.17	43	86754	4.47	ug/l	# 82
47) Bromodichloromethane	9.41	83	5631	0.44	ug/l	# 98
49) 1,4-Dioxane	9.20	88	30	0.31	ug/l	# 1
51) 4-Methyl-2-Pentanone	9.99	43	2483	0.30	ug/l	# 93
56) Ethyl methacrylate	10.23	69	1784	2.18	ug/l	# 36
59) 2-Hexanone	10.72	43	2886	5.64	ug/l	# 24
67) Ethyl Benzene	11.51	91	14789	0.40	ug/l	# 99
68) m/p-Xylenes	11.62	106	16580	1.20	ug/l	# 100
69) o-Xylene	11.95	106	4975	0.38	ug/l	# 98
70) Styrene	11.96	104	2153	1.01	ug/l	# 62
71) Bromoform	12.40	173	3273	0.51	ug/l	# 1
75) 1,1,2,2-Tetrachloroethane	12.40	83	142	Below	Cal	# 1
76) 1,2,3-Trichloropropane	12.40	75	201784	29.56	ug/l	# 100
80) 1,3,5-Trimethylbenzene	12.73	105	7563	0.34	ug/l	# 97
81) trans-1,4-Dichloro-2-buten	12.40	75	201784	93.75	ug/l	# 13
84) 1,2,4-Trimethylbenzene	13.04	105	20297	0.90	ug/l	# 99
90) Hexachloroethane	13.89	117	1045	0.21	ug/l	# 4
92) 1,2-Dibromo-3-Chloropropan	14.21	75	30	Below	Cal	# 1
93) 1,2,4-Trichlorobenzene	14.91	180	242	3.12	ug/l	# 35
95) Naphthalene	15.14	128	62665	7.82	ug/l	# 100

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Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration

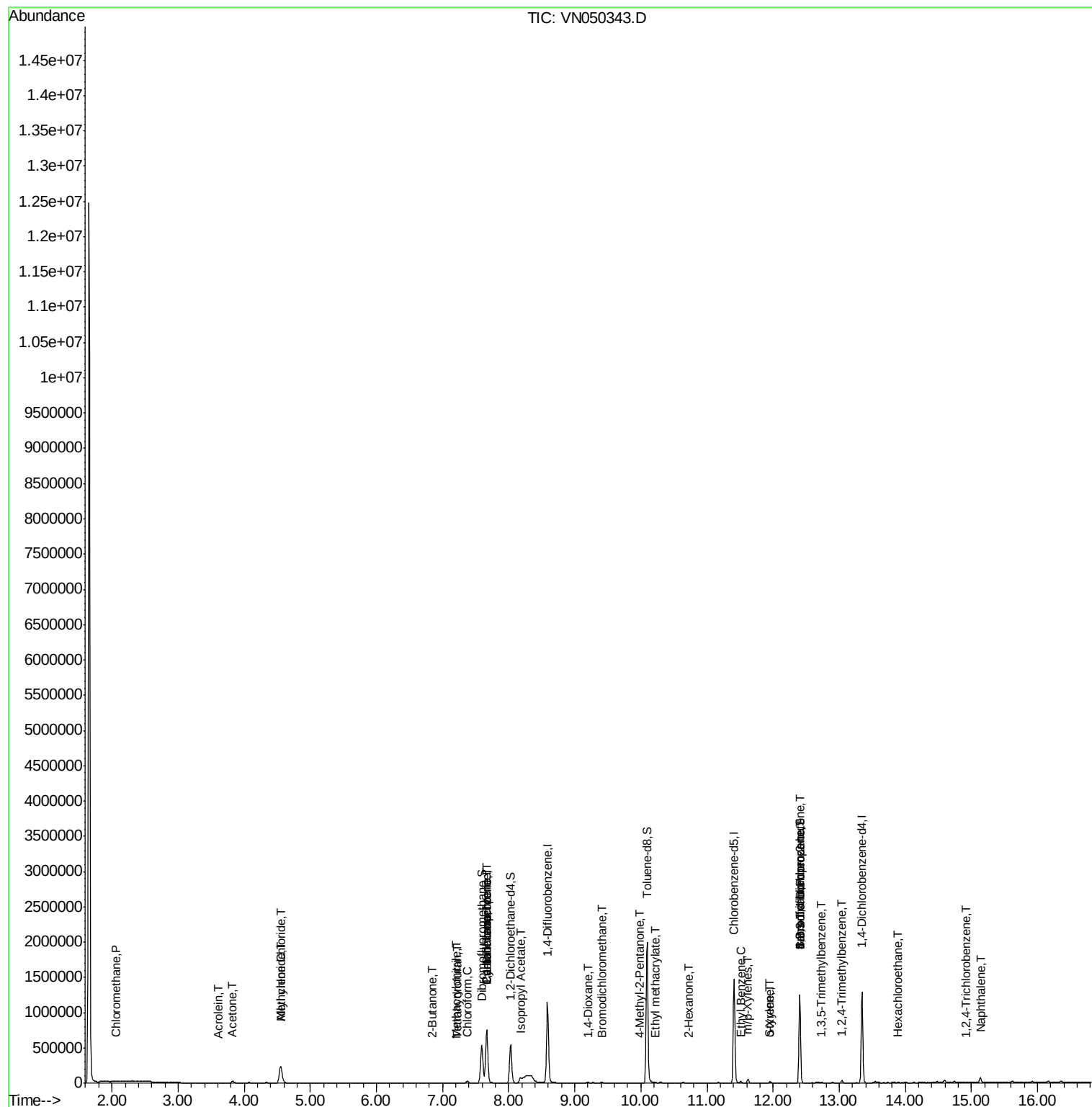
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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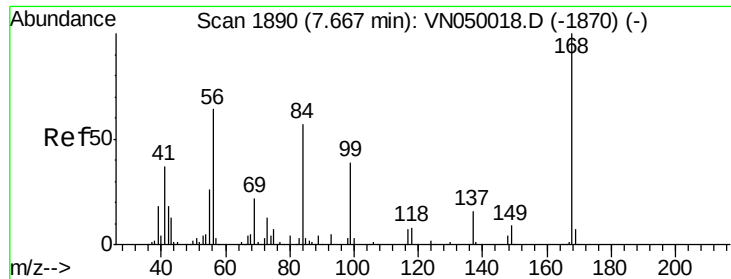
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN080318\
Data File : VN050343.D
Acq On : 4 Aug 2018 4:39
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050343.D

Acq: 4 Aug 2018 4:39

Instrument :

MSVOA_N

ClientSampleId :

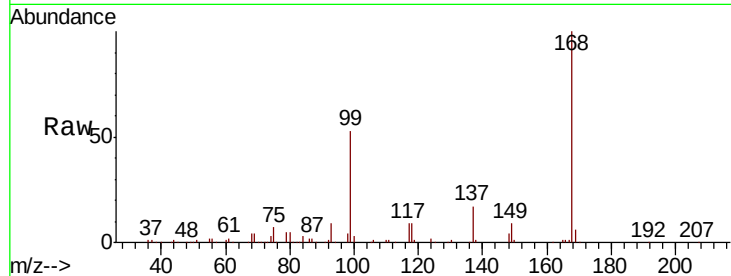
C-6

Tot Ion:168 Resp: 642722

Ion Ratio Lower Upper

168 100

99 52.7 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050018.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050018.D (-1870) (-)

7.67

250000

200000

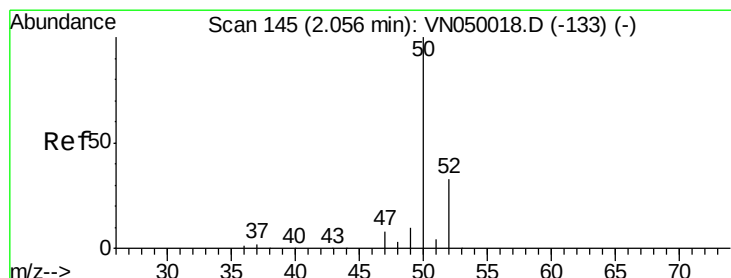
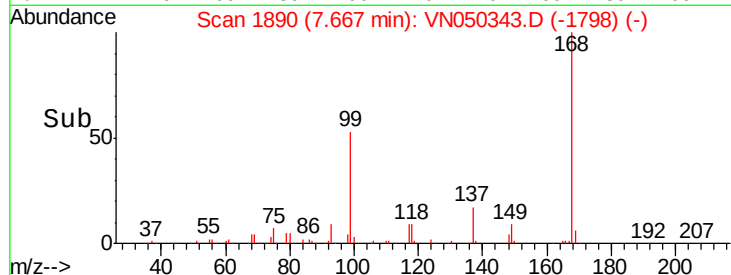
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.38 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050343.D

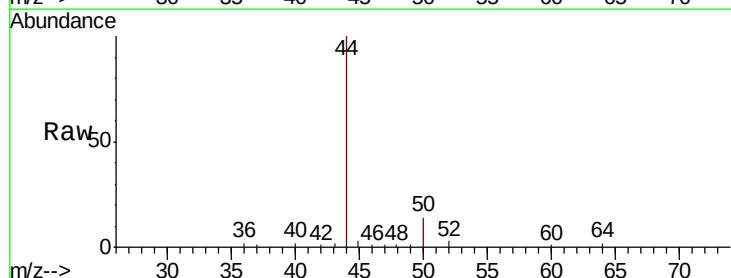
Acq: 4 Aug 2018 4:39

Tgt Ion: 50 Resp: 3799

Ion Ratio Lower Upper

50 100

52 23.8 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VN050018.D (-133) (-)

Ion 51.90 (51.60 to 52.60): VN050018.D (-133) (-)

2.06

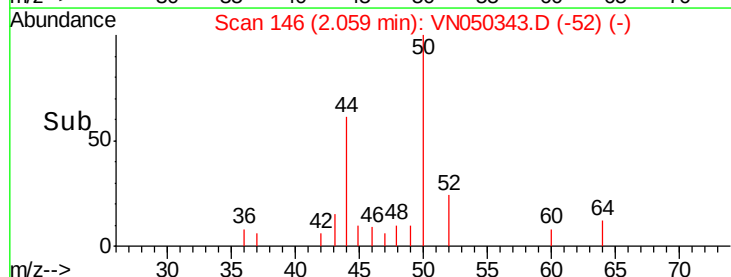
3000

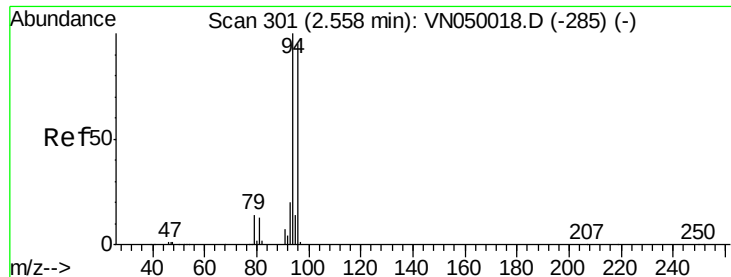
2000

1000

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.56 min Scan# 303

Delta R.T. 0.01 min

Lab File: VN050343.D

Acq: 4 Aug 2018 4:39

Instrument :

MSVOA_N

ClientSampled :

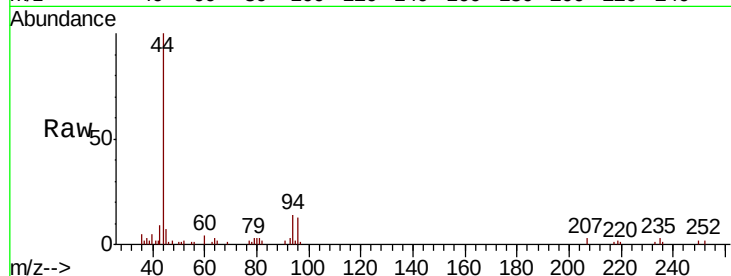
C-6

Tot Ion: 94 Resp: 3858

Ion Ratio Lower Upper

94 100

96 81.0 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.56

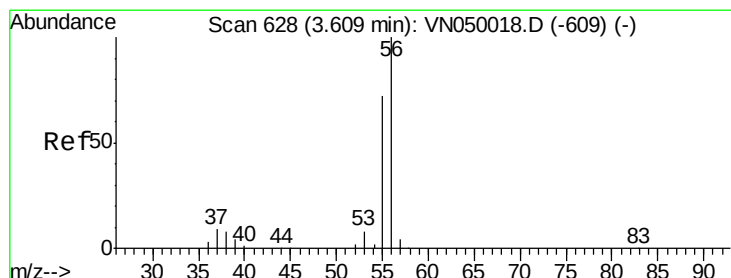
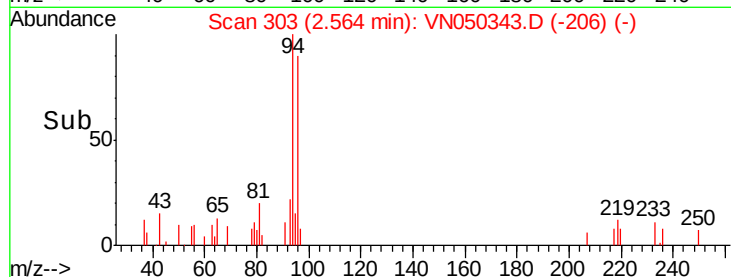
1500

1000

500

0

Time--> 2.50 2.55 2.60



#13

Acrolein

Concen: 1.55 ug/l

RT: 3.61 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN050343.D

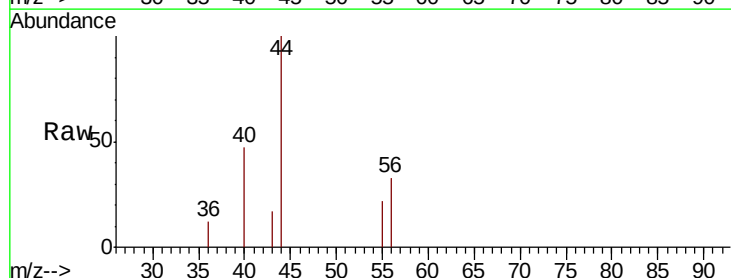
Acq: 4 Aug 2018 4:39

Tgt Ion: 56 Resp: 820

Ion Ratio Lower Upper

56 100

55 46.1 55.8 83.6#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

500

400

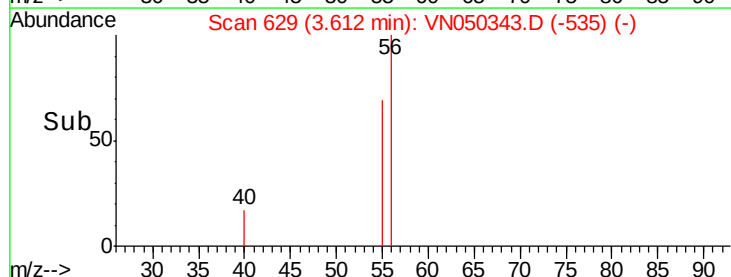
300

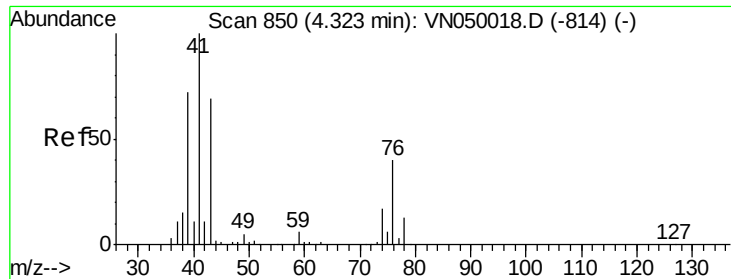
200

100

0

Time--> 3.60 3.65

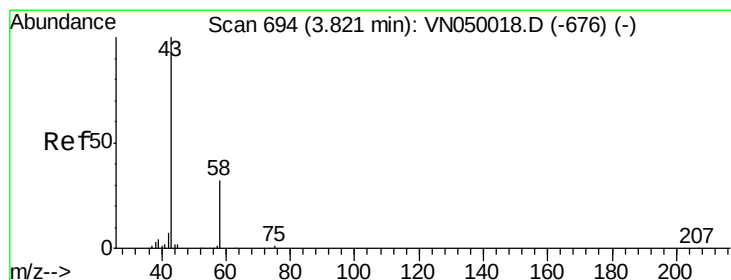
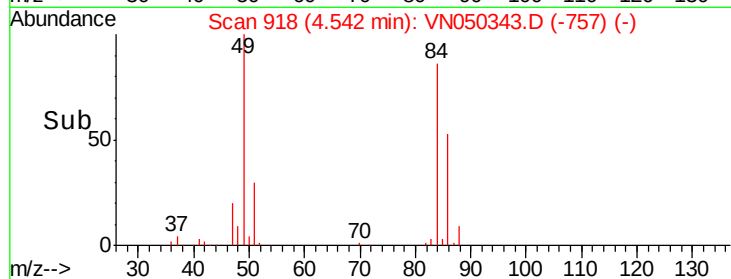
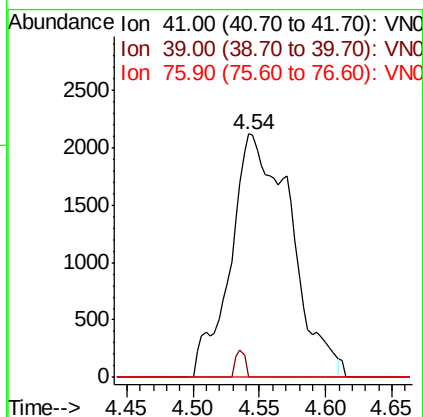
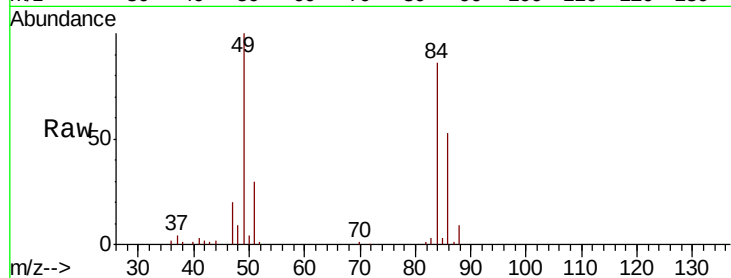




#14
Allvl chloride
Concen: 0.59 ug/l
RT: 4.54 min Scan# 918
Delta R.T. 0.22 min
Lab File: VN050343.D
Acq: 4 Aug 2018 4:39

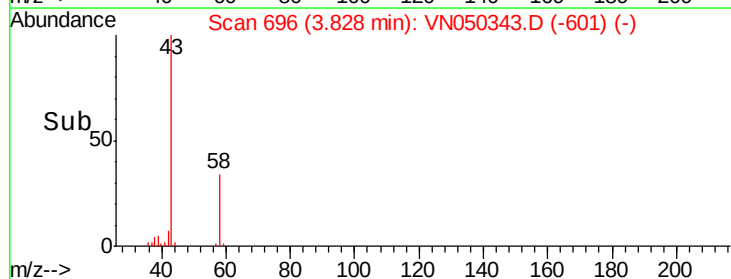
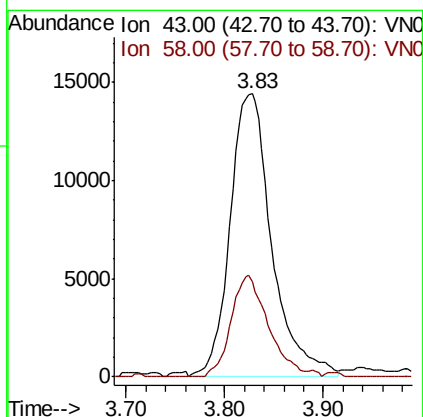
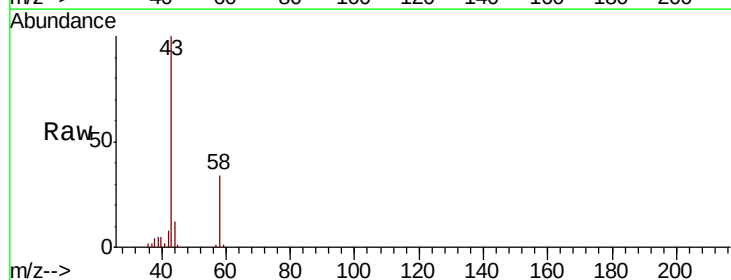
Instrument :
MSVOA_N
ClientSampled :
C-6

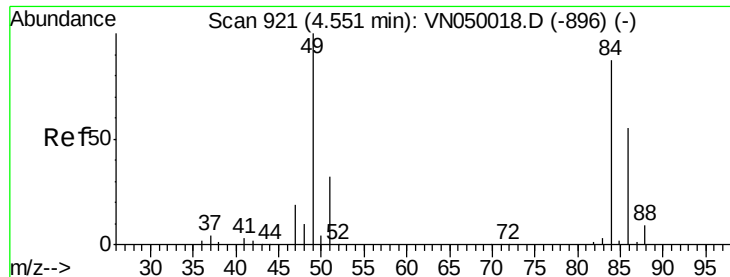
Tot Ion: 41 Resp: 6737
Ion Ratio Lower Upper
41 100
39 1.8 54.2 81.4#
76 0.0 29.0 43.6#



#16
Acetone
Concen: 15.97 ug/l
RT: 3.83 min Scan# 696
Delta R.T. 0.00 min
Lab File: VN050343.D
Acq: 4 Aug 2018 4:39

Tgt Ion: 43 Resp: 42310
Ion Ratio Lower Upper
43 100
58 33.7 25.8 38.8

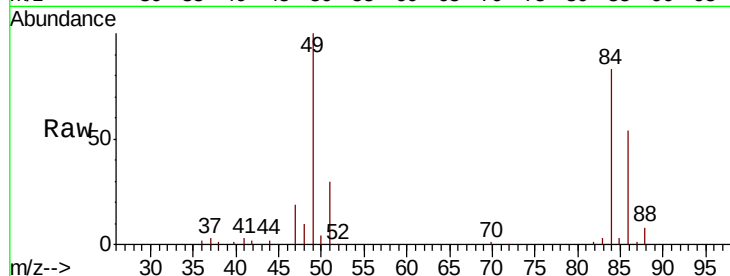




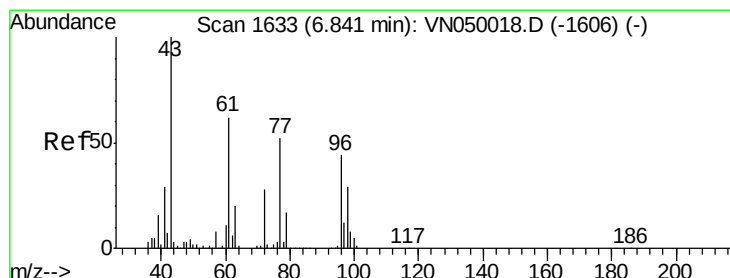
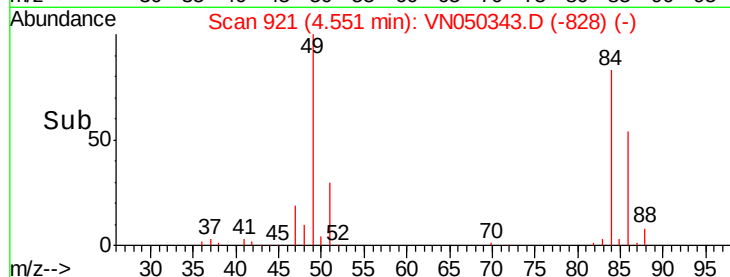
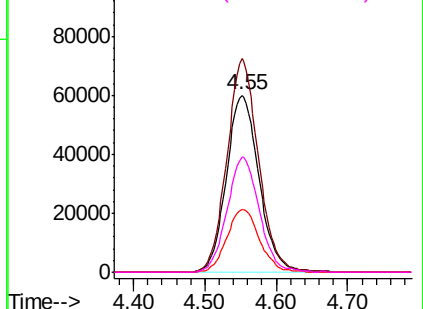
#20
Methylene Chloride
Concen: 23.37 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050343.D
Acq: 4 Aug 2018 4:39

Instrument :
MSVOA_N
ClientSampled :
C-6

Tot Ion: 84 Resp: 191126
Ion Ratio Lower Upper
84 100
49 120.5 94.8 142.2
51 35.6 28.3 42.5
86 65.1 51.0 76.6

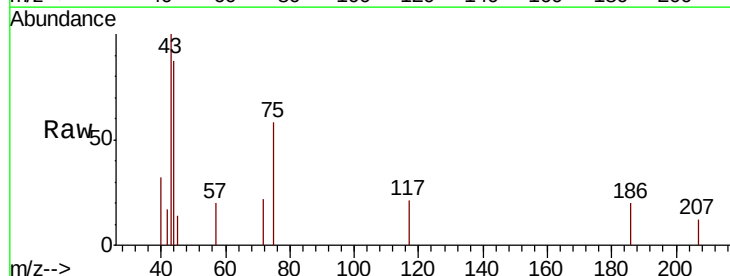


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

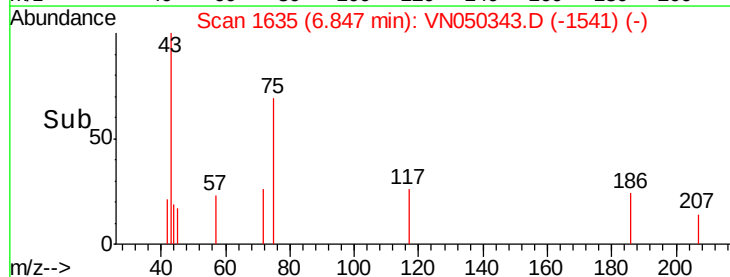
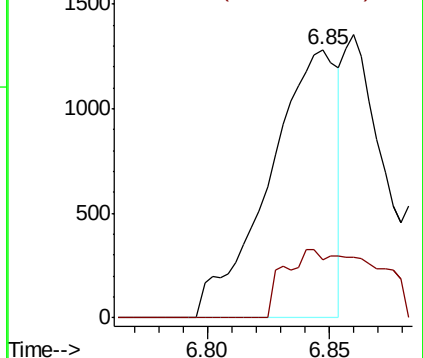


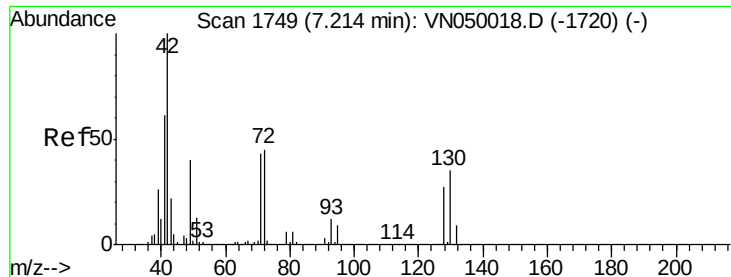
#25
2-Butanone
Concen: 0.73 ug/l
RT: 6.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VN050343.D
Acq: 4 Aug 2018 4:39

Tgt Ion: 43 Resp: 2497
Ion Ratio Lower Upper
43 100
72 21.7 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0

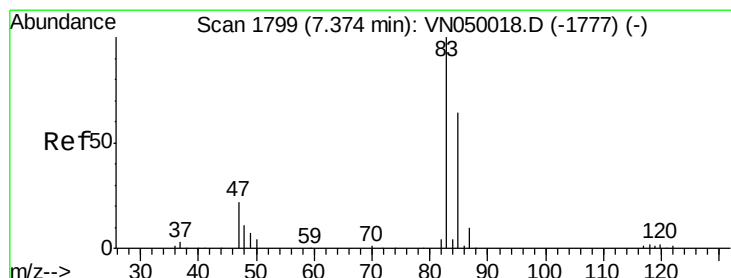
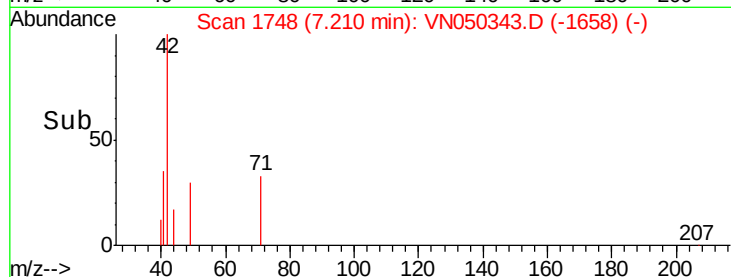
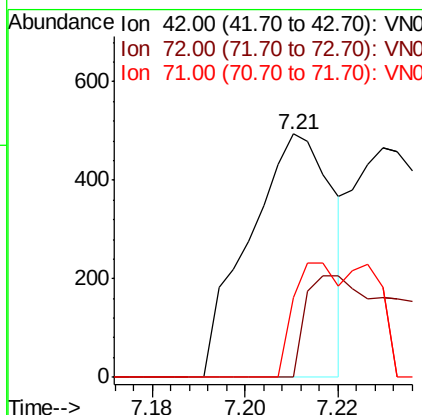
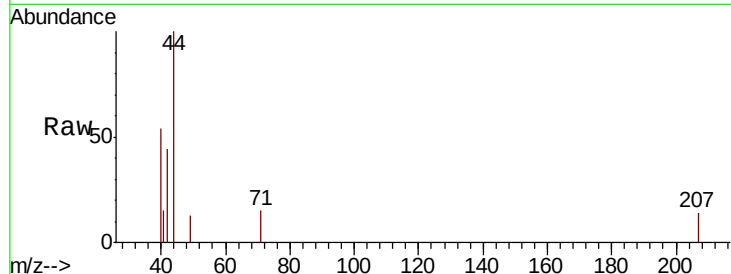




#29
Tetrahydrofuran
Concen: 0.28 ug/l
RT: 7.21 min Scan# 1748
Delta R.T. -0.01 min
Lab File: VN050343.D
Acq: 4 Aug 2018 4:39

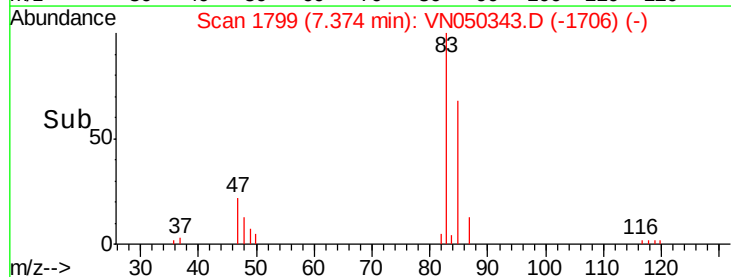
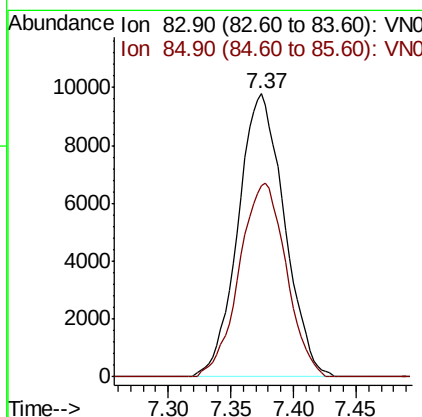
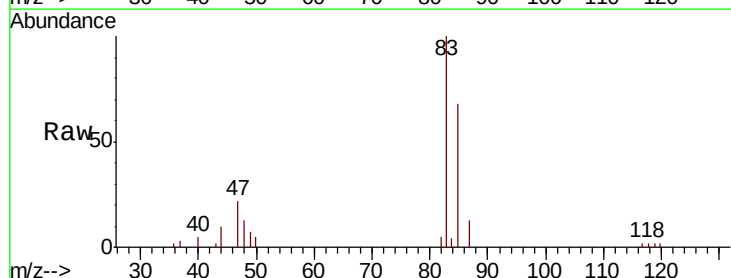
Instrument :
MSVOA_N
ClientSampled :
C-6

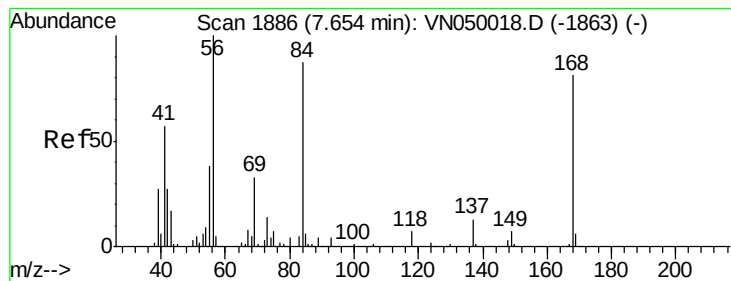
Tot Ion: 42 Resp: 619
Ion Ratio Lower Upper
42 100
72 43.6 35.9 53.9
71 25.4 33.7 50.5#



#30
Chloroform
Concen: 1.66 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN050343.D
Acq: 4 Aug 2018 4:39

Tgt Ion: 83 Resp: 25178
Ion Ratio Lower Upper
83 100
85 67.5 52.5 78.7





#31

Cyclohexane

Concen: 0.88 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. 0.01 min

Lab File: VN050343.D

Acq: 4 Aug 2018 4:39

Instrument :

MSVOA_N

ClientSampled :

C-6

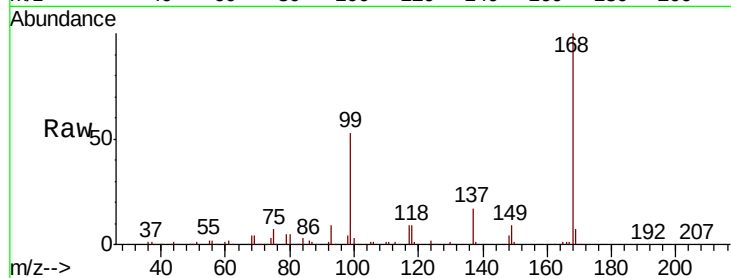
Tot Ion: 56 Resp: 11665

Ion Ratio Lower Upper

56 100

69 193.9 26.2 39.4#

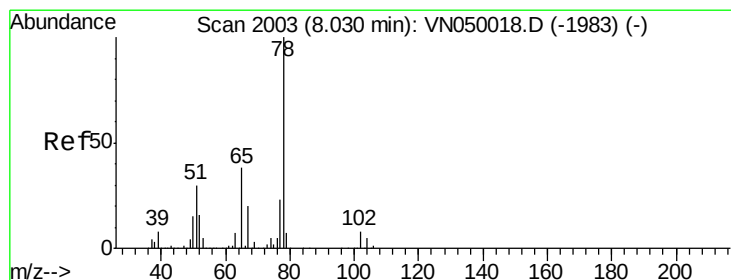
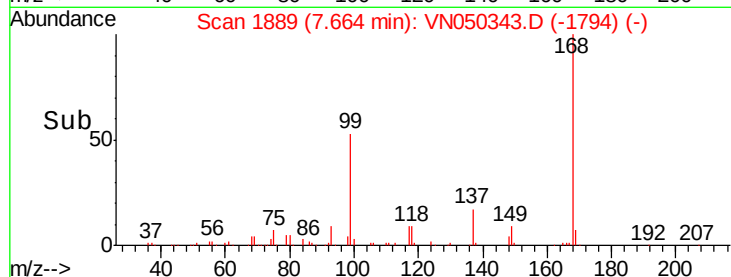
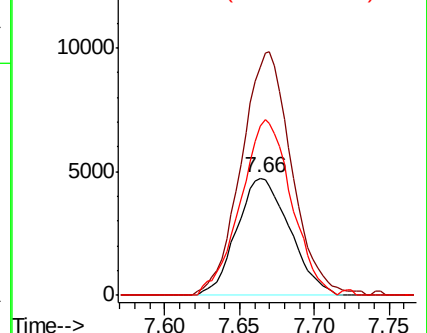
84 144.5 67.4 101.0#



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: 50.89 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050343.D

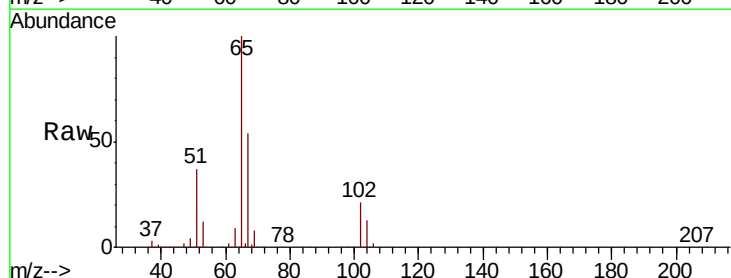
Acq: 4 Aug 2018 4:39

Tgt Ion: 65 Resp: 456380

Ion Ratio Lower Upper

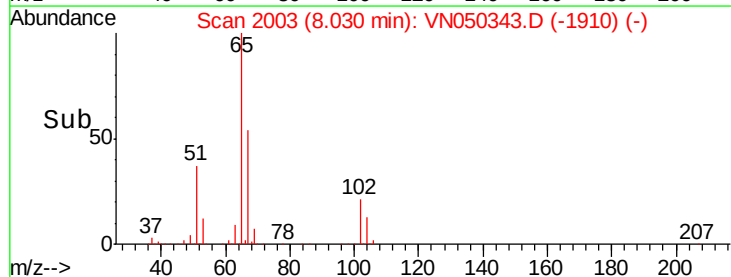
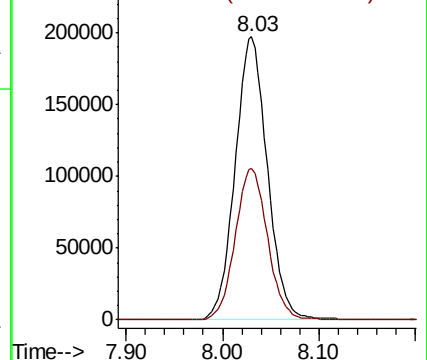
65 100

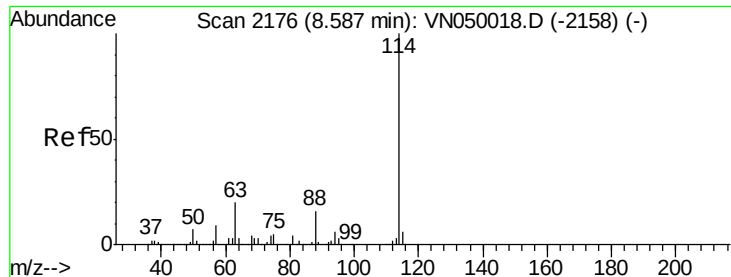
67 53.7 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

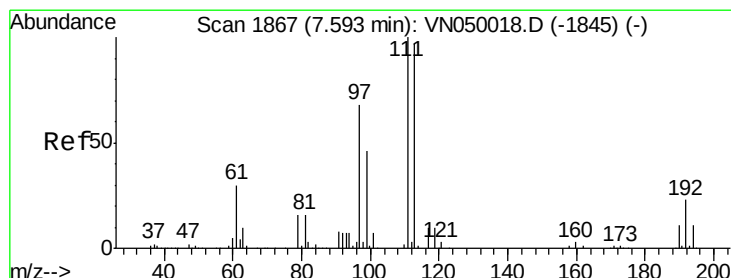
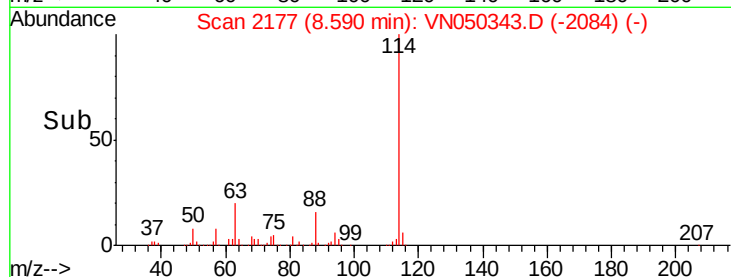
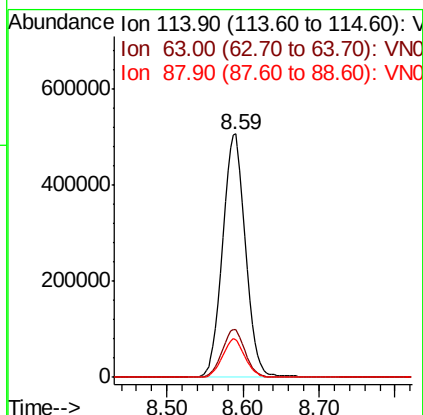
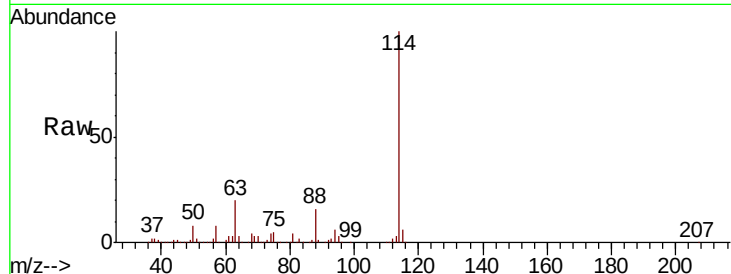




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050343.D
 Acq: 4 Aug 2018 4:39

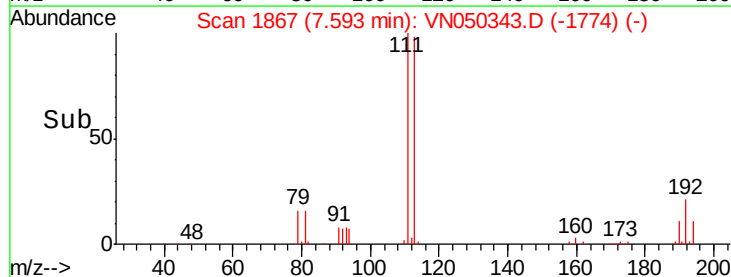
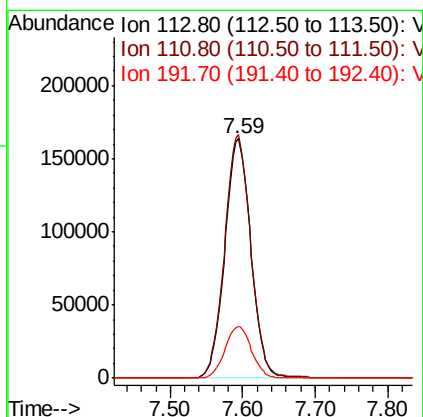
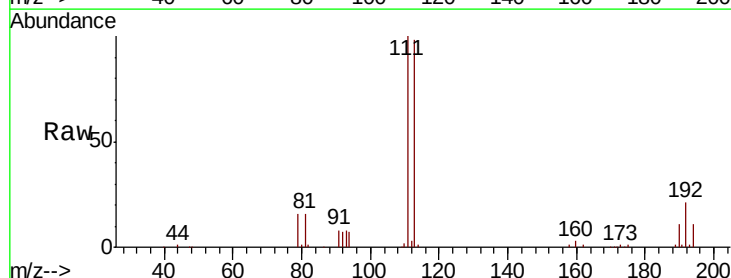
Instrument :
 MSVOA_N
 ClientSampleId :
 C-6

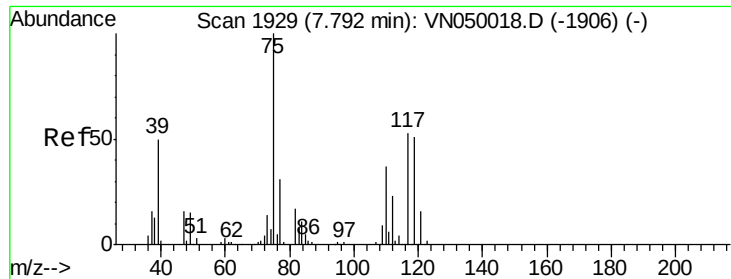
Tot Ion:114 Resp: 1063544
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.6 0.0 31.2



#35
 Dibromofluoromethane
 Concen: 47.11 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050343.D
 Acq: 4 Aug 2018 4:39

Tgt Ion:113 Resp: 409055
 Ion Ratio Lower Upper
 113 100
 111 102.1 80.7 121.1
 192 22.0 17.8 26.6

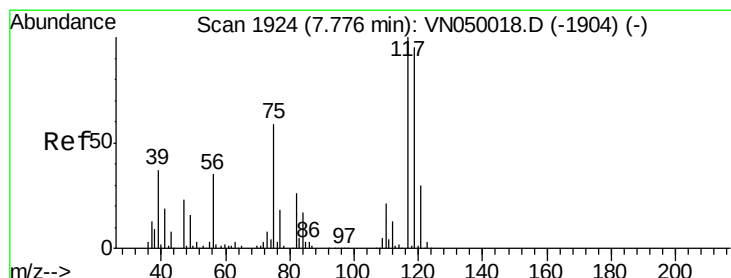
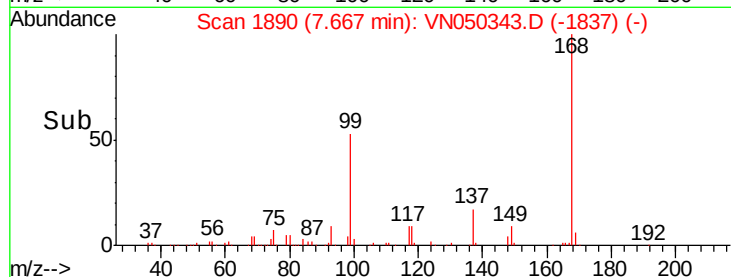
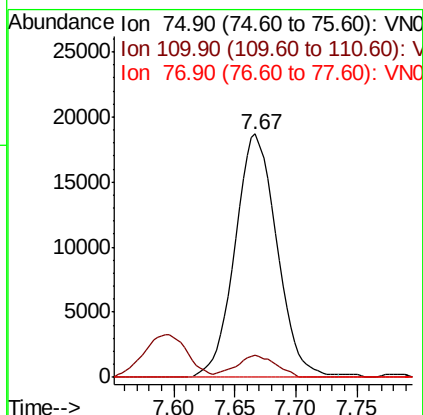
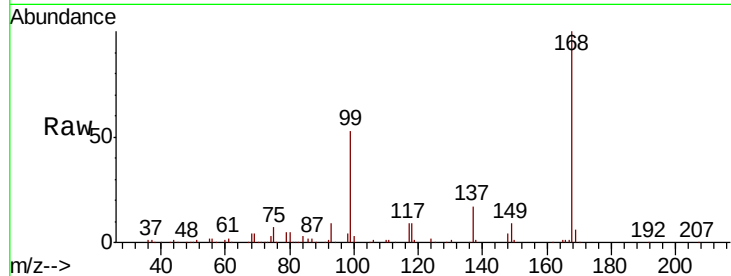




#36
 1,1-Dichloropropene
 Concen: 3.72 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050343.D
 Acq: 4 Aug 2018 4:39

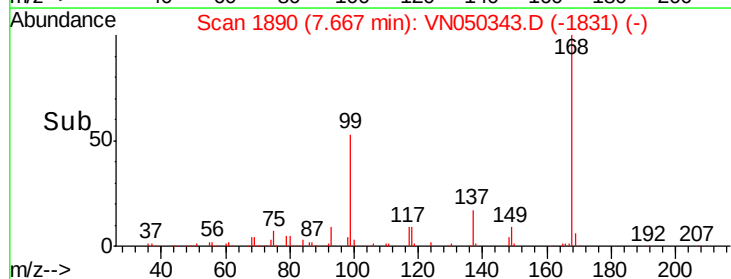
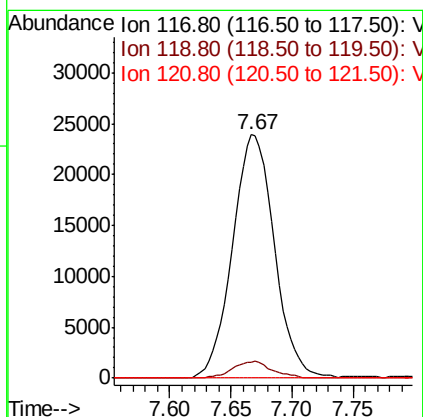
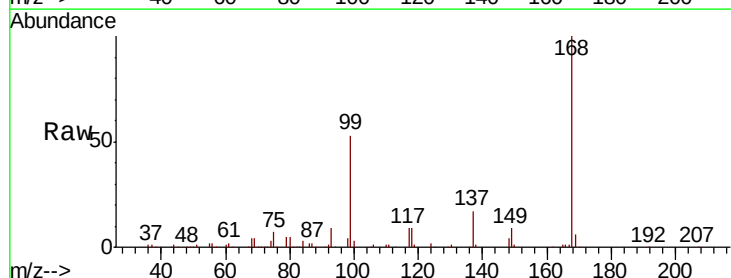
Instrument :
 MSVOA_N
 ClientSampled :
 C-6

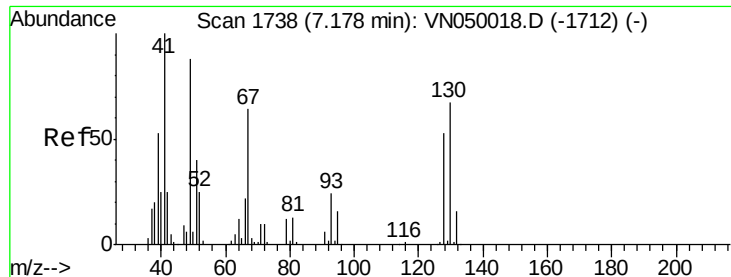
Tot Ion	75	Resp	44553
Ion Ratio	100	Lower	Upper
75	100		
110	8.6	18.4	55.2#
77	0.0	25.3	37.9#



#38
 Carbon Tetrachloride
 Concen: 4.47 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.11 min
 Lab File: VN050343.D
 Acq: 4 Aug 2018 4:39

Tgt Ion	117	Resp	56849
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	6.7	77.4	116.0#
121	0.0	23.9	35.9#

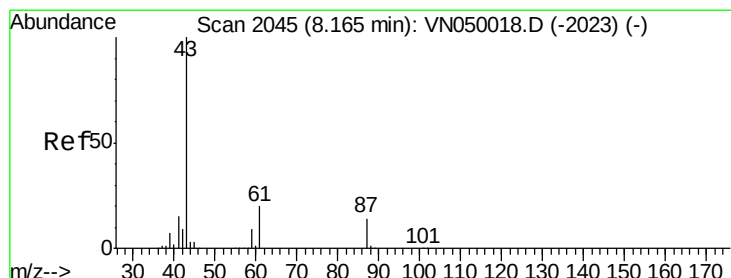
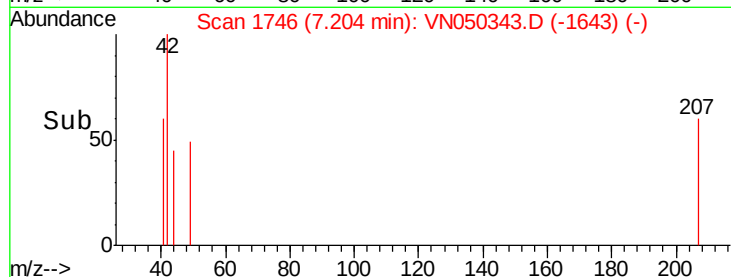
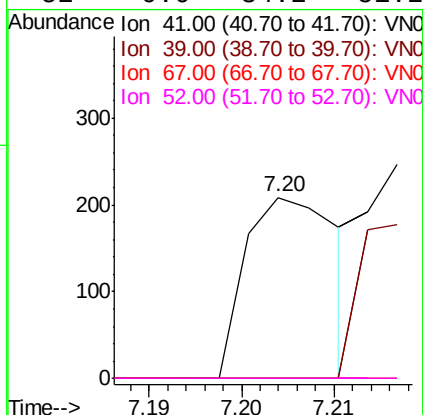
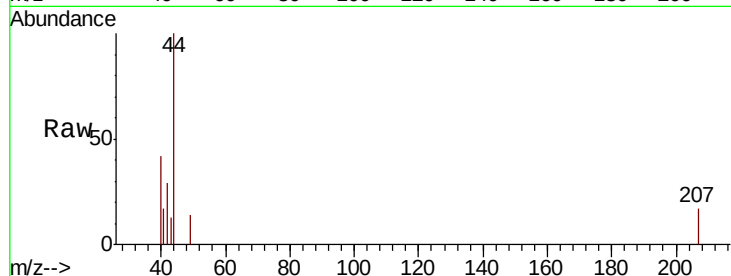




#41
Methacrylonitrile
Concen: 2.78 ug/l
RT: 7.20 min Scan# 1746
Delta R.T. 0.03 min
Lab File: VN050343.D
Acq: 4 Aug 2018 4:39

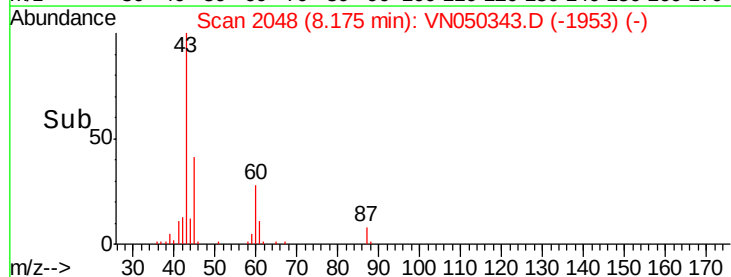
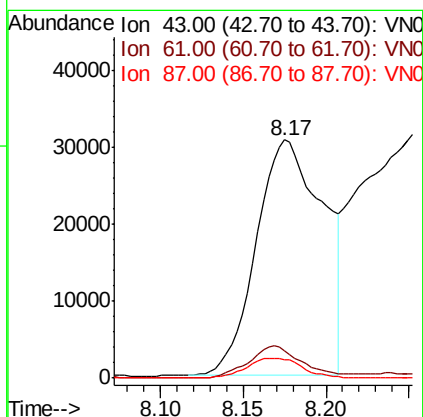
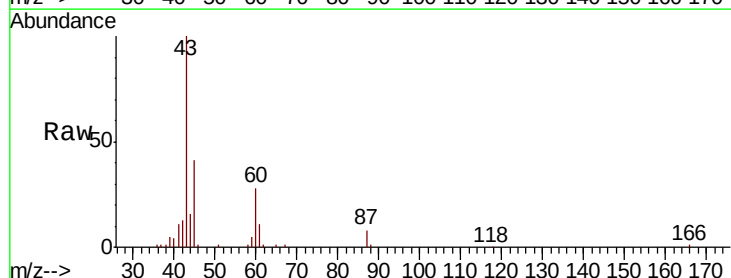
Instrument :
MSVOA_N
ClientSampleId :
C-6

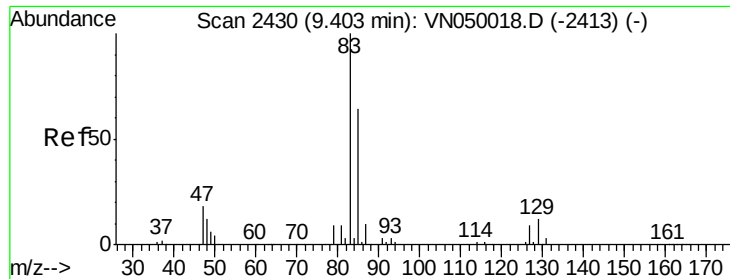
Tot Ion:	41	Resp:	144
Ion	Ratio	Lower	Upper
41	100		
39	0.0	55.8	83.6#
67	0.0	84.3	126.5#
52	0.0	34.2	51.2#



#43
Isopropyl Acetate
Concen: 4.47 ug/l
RT: 8.17 min Scan# 2048
Delta R.T. 0.01 min
Lab File: VN050343.D
Acq: 4 Aug 2018 4:39

Tgt Ion:	43	Resp:	86754
Ion	Ratio	Lower	Upper
43	100		
61	10.7	15.8	23.6#
87	6.9	10.3	15.5#





#47

Bromodichloromethane

Concen: 0.44 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN050343.D

Acq: 4 Aug 2018 4:39

Instrument :

MSVOA_N

ClientSampled :

C-6

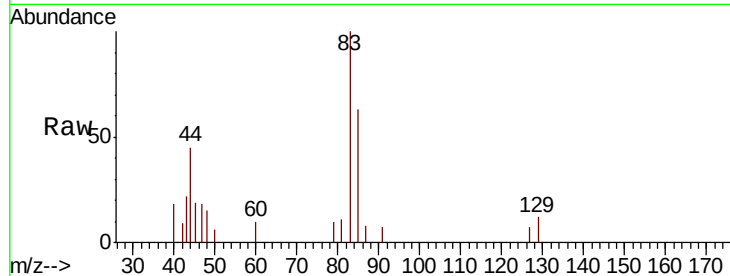
Tot Ion: 83 Resp: 5631

Ion Ratio Lower Upper

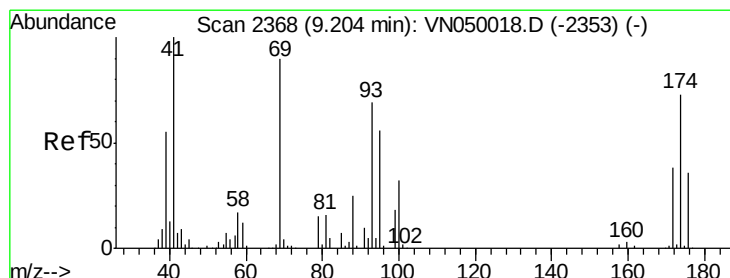
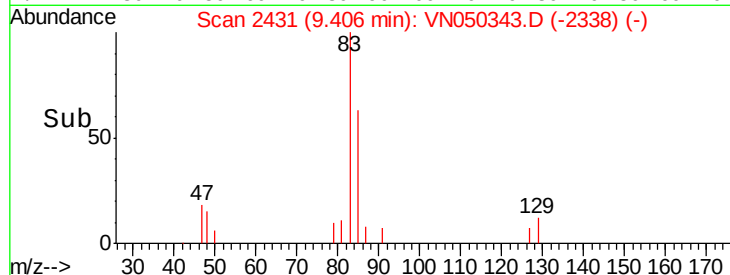
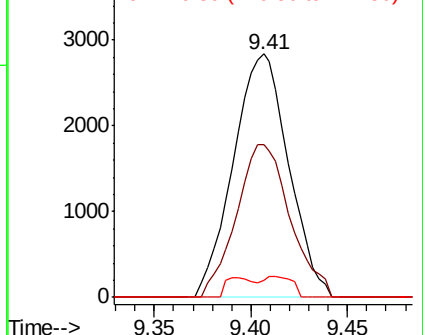
83 100

85 62.6 51.1 76.7

127 7.1 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO



#49

1,4-Dioxane

Concen: 0.31 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN050343.D

Acq: 4 Aug 2018 4:39

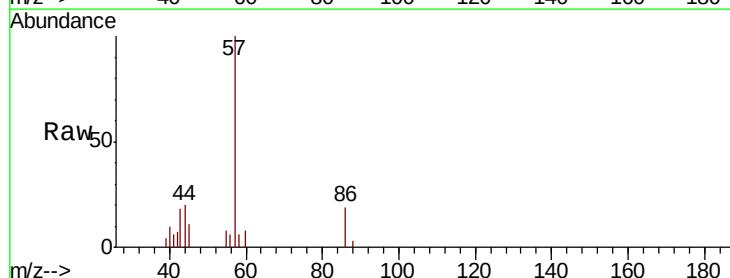
Tgt Ion: 88 Resp: 30

Ion Ratio Lower Upper

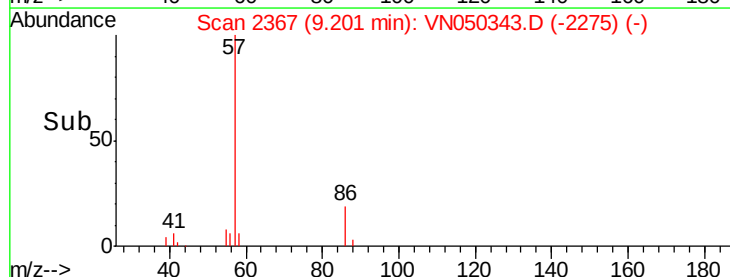
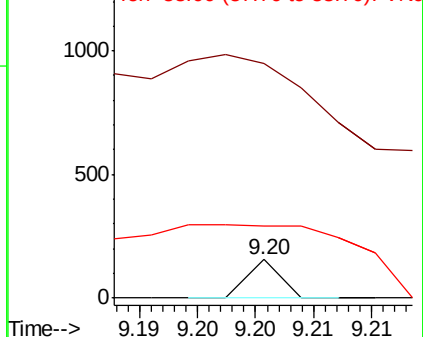
88 100

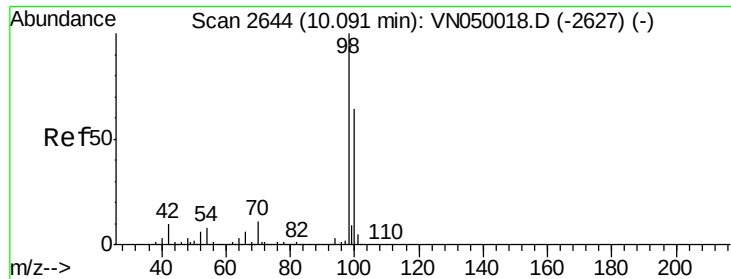
43 0.0 26.9 40.3#

58 1760.0 57.3 85.9#



Abundance Ion 88.00 (87.70 to 88.70): VNO
Ion 43.00 (42.70 to 43.70): VNO
Ion 58.00 (57.70 to 58.70): VNO

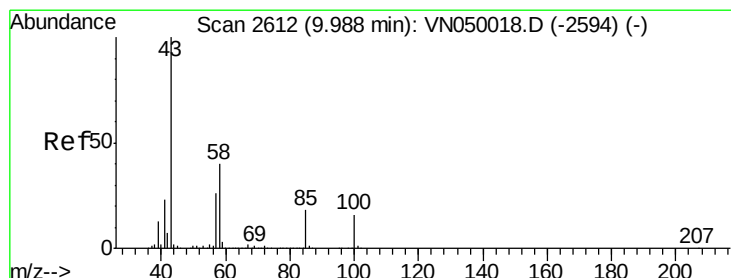
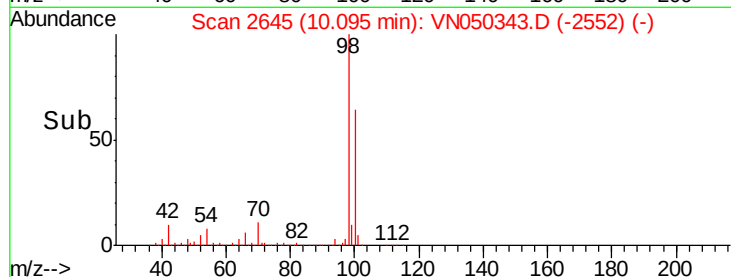
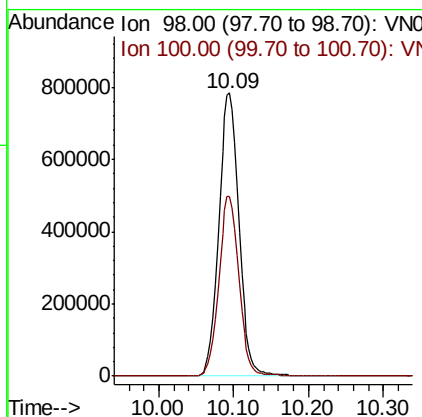
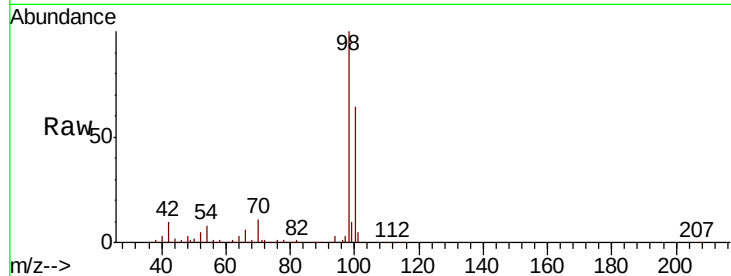




#50
Toluene-d8
Concen: 45.77 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050343.D
Acq: 4 Aug 2018 4:39

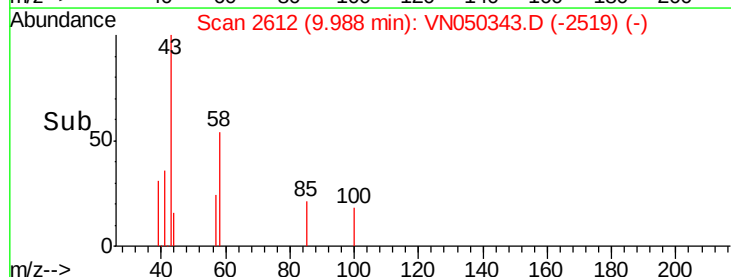
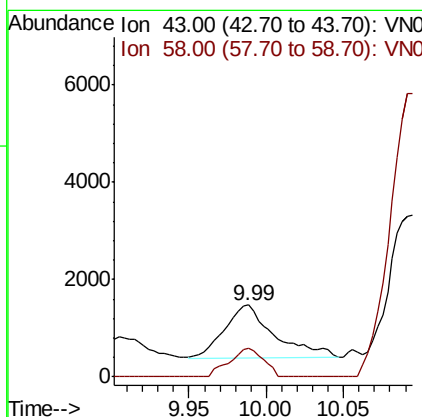
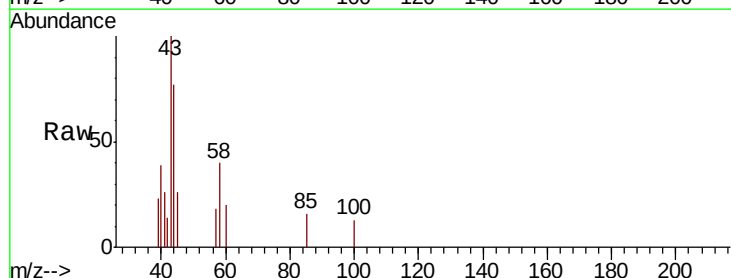
Instrument :
MSVOA_N
ClientSampled :
C-6

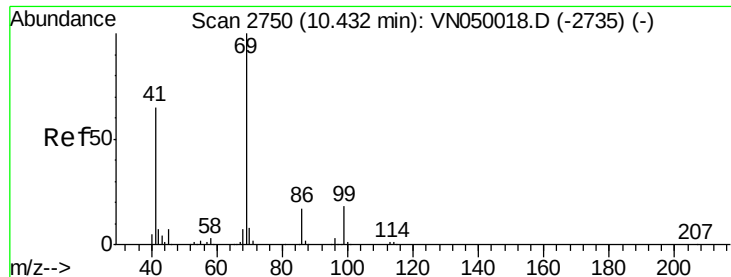
Tot Ion: 98 Resp: 1461130
Ion Ratio Lower Upper
98 100
100 63.3 50.7 76.1



#51
4-Methyl-2-Pentanone
Concen: 0.30 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN050343.D
Acq: 4 Aug 2018 4:39

Tgt Ion: 43 Resp: 2483
Ion Ratio Lower Upper
43 100
58 35.9 31.9 47.9





#56

Ethyl methacrylate

Concen: 2.18 ug/l

RT: 10.23 min Scan# 2688

Delta R.T. -0.20 min

Lab File: VN050343.D

Acq: 4 Aug 2018 4:39

Instrument :

MSVOA_N

ClientSampled :

C-6

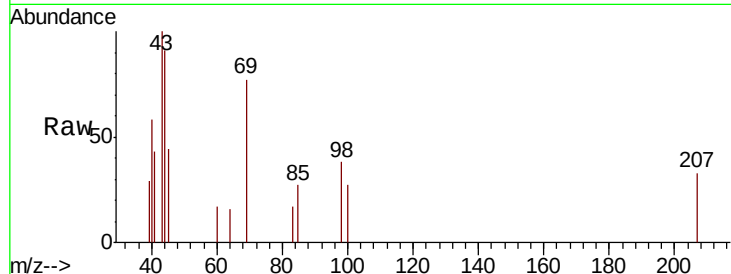
Tot Ion: 69 Resp: 1784

Ion Ratio Lower Upper

69 100

41 0.0 51.0 76.4#

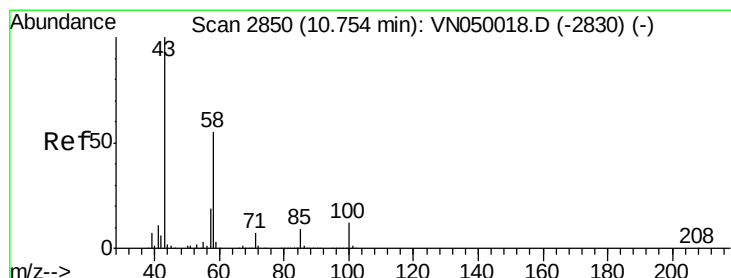
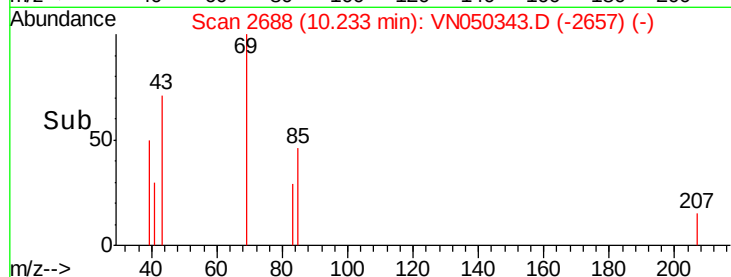
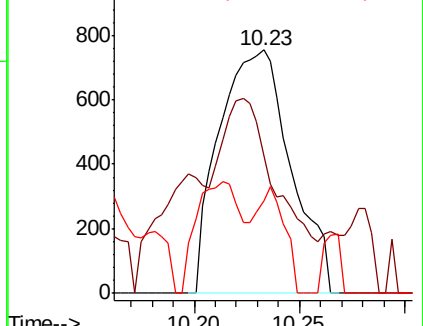
39 16.6 26.6 40.0#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#59

2-Hexanone

Concen: 5.64 ug/l

RT: 10.72 min Scan# 2840

Delta R.T. -0.03 min

Lab File: VN050343.D

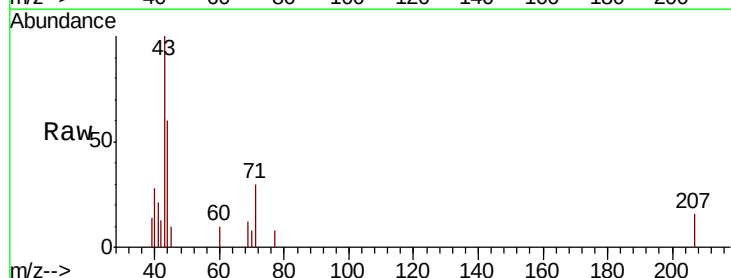
Acq: 4 Aug 2018 4:39

Tgt Ion: 43 Resp: 2886

Ion Ratio Lower Upper

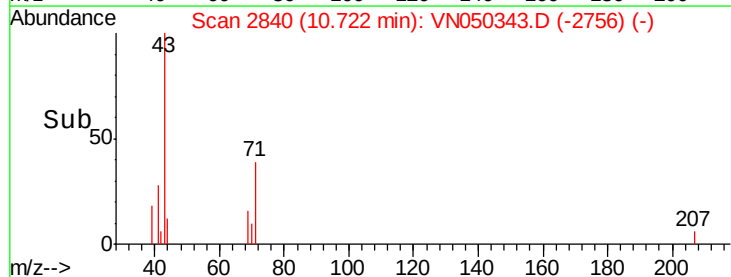
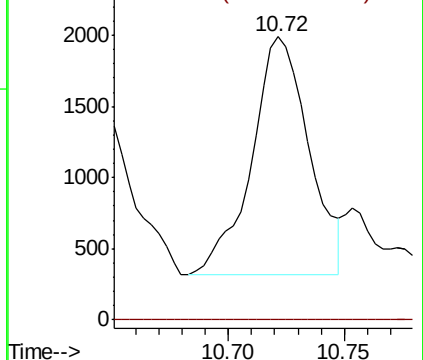
43 100

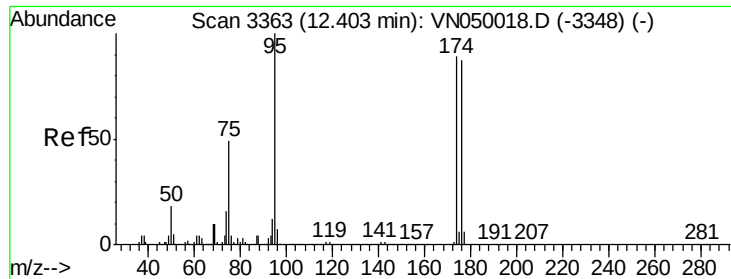
58 0.0 27.6 82.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

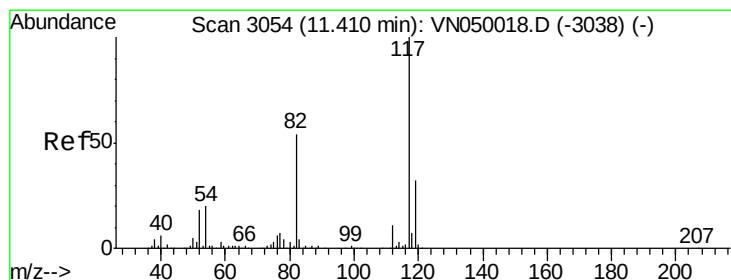
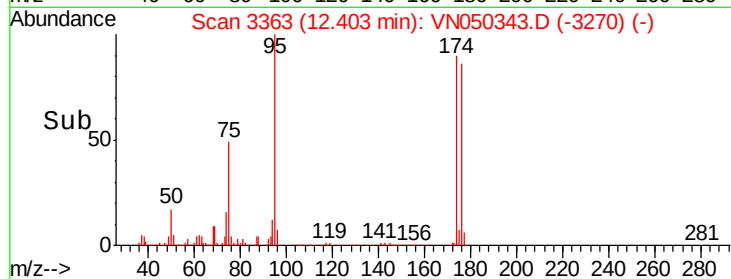
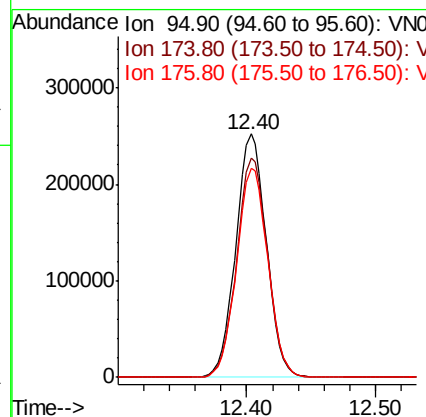
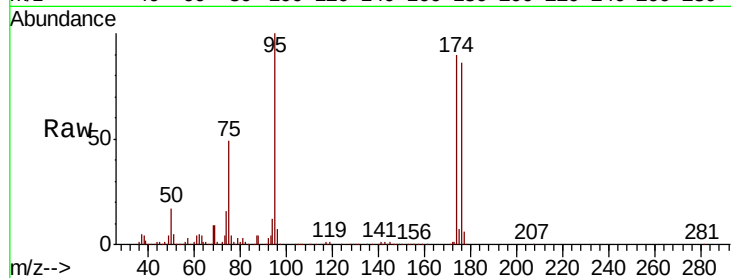




#62
4-Bromofluorobenzene
Concen: 39.41 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050343.D
Acq: 4 Aug 2018 4:39

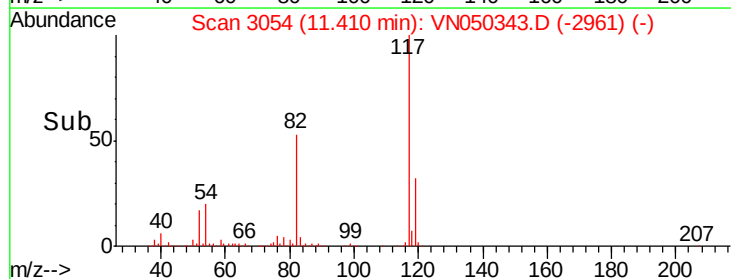
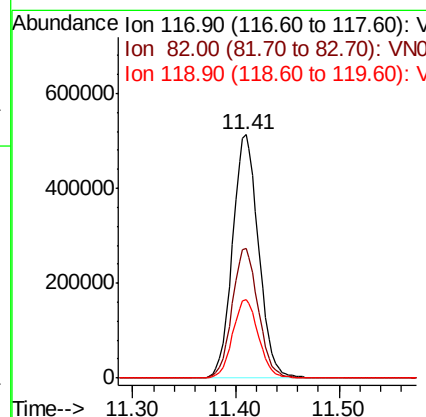
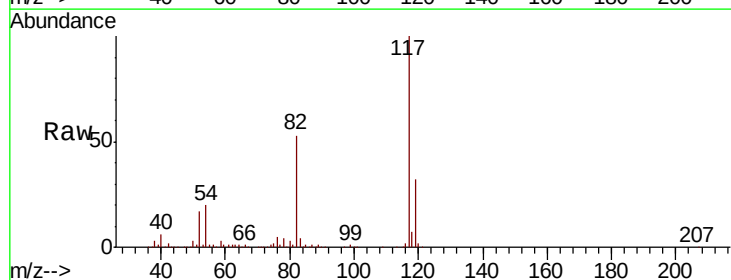
Instrument :
MSVOA_N
ClientSampleId :
C-6

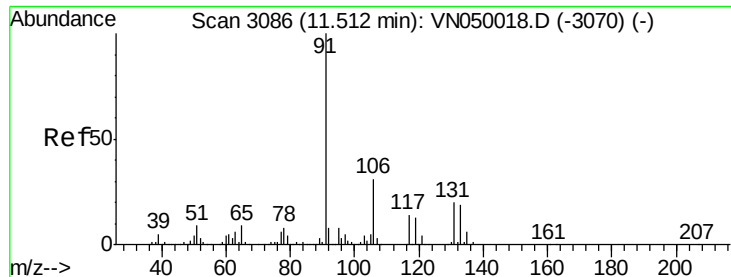
Tot Ion: 95 Resp: 414229
Ion Ratio Lower Upper
95 100
174 91.3 0.0 178.2
176 87.8 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050343.D
Acq: 4 Aug 2018 4:39

Tgt Ion: 117 Resp: 903086
Ion Ratio Lower Upper
117 100
82 53.2 43.7 65.5
119 32.4 26.1 39.1

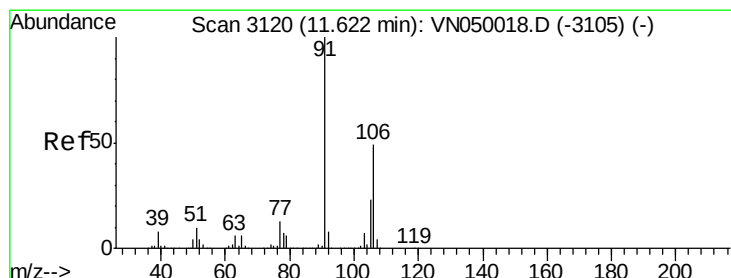
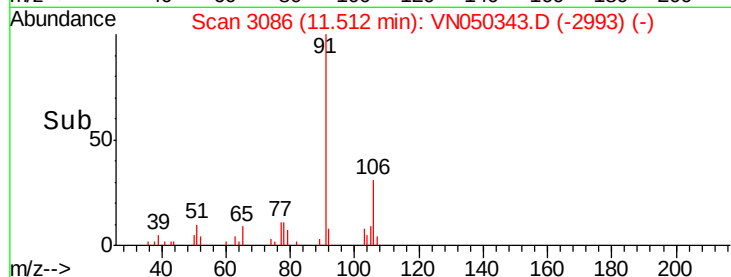
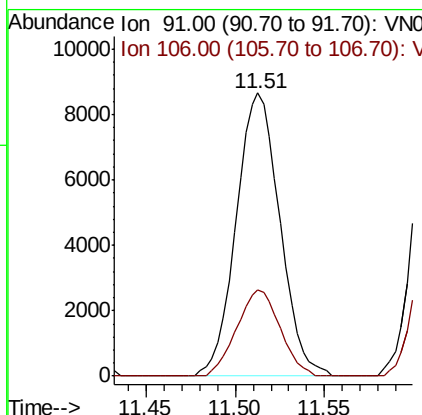
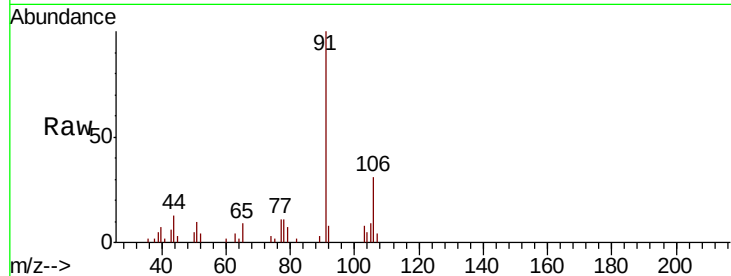




#67
Ethyl Benzene
Concen: 0.40 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050343.D
Acq: 4 Aug 2018 4:39

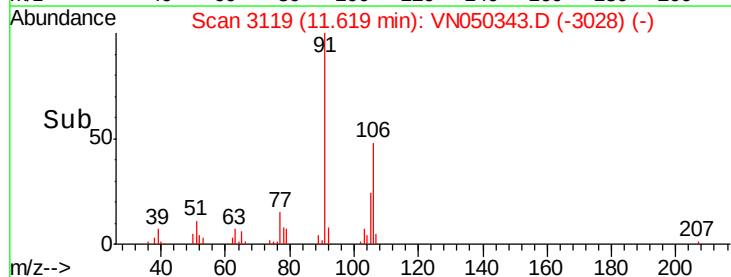
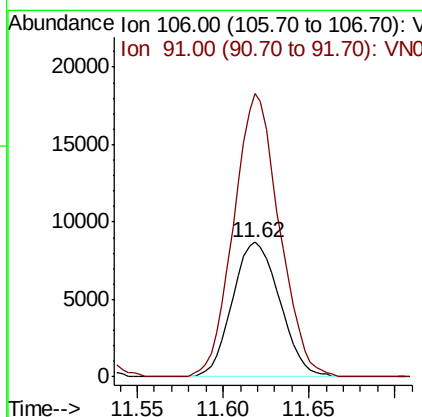
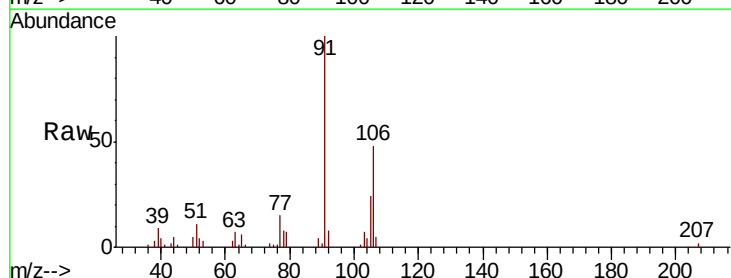
Instrument :
MSVOA_N
ClientSampled :
C-6

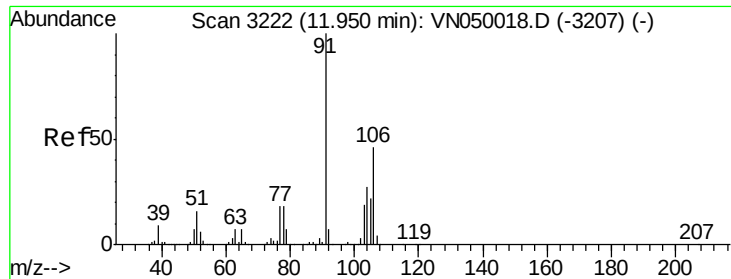
Tot Ion: 91 Resp: 14789
Ion Ratio Lower Upper
91 100
106 30.6 25.0 37.4



#68
m/p-Xylenes
Concen: 1.20 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.01 min
Lab File: VN050343.D
Acq: 4 Aug 2018 4:39

Tgt Ion: 106 Resp: 16580
Ion Ratio Lower Upper
106 100
91 203.2 162.2 243.2

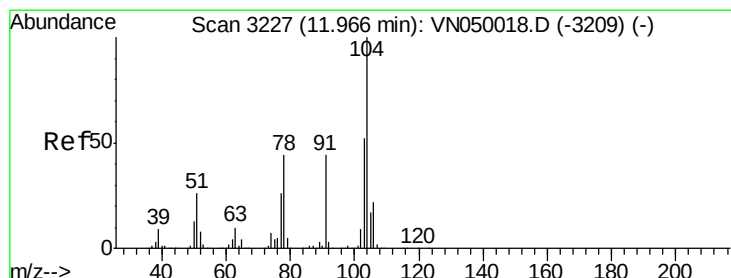
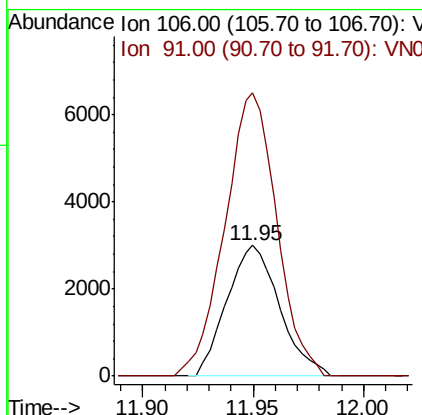
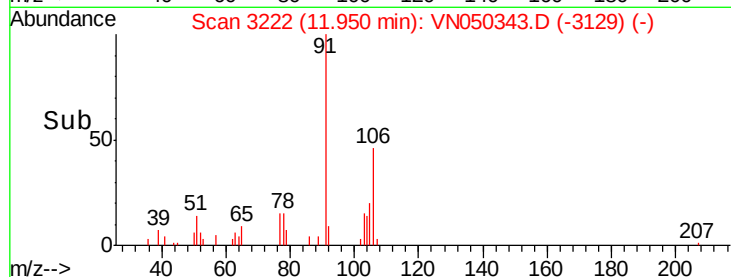
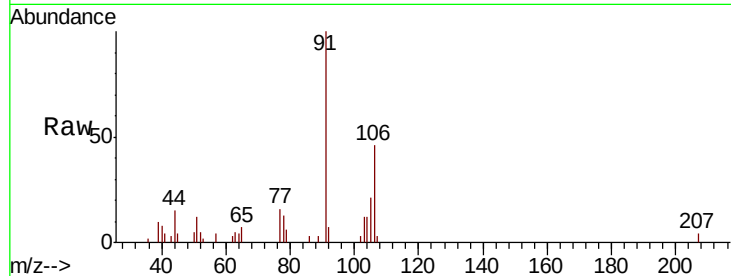




#69
o-Xylene
Concen: 0.38 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050343.D
Acq: 4 Aug 2018 4:39

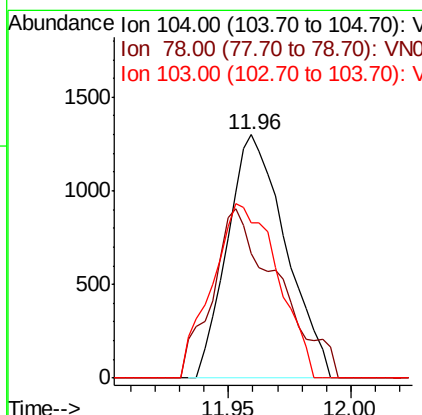
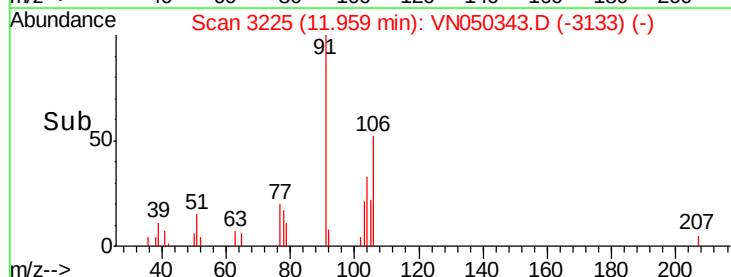
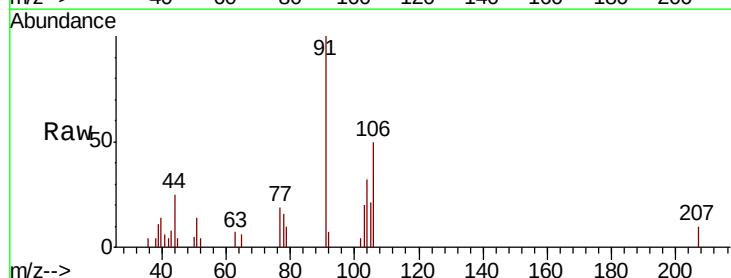
Instrument :
MSVOA_N
ClientSampled :
C-6

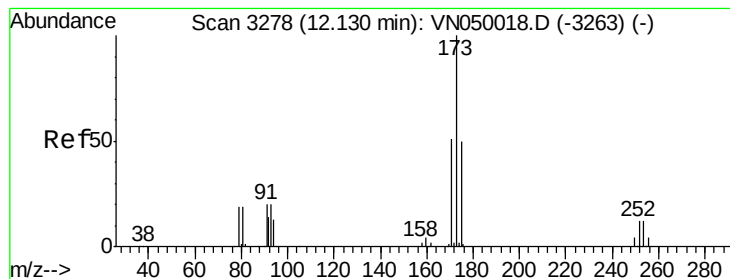
Tot Ion:106 Resp: 4975
Ion Ratio Lower Upper
106 100
91 212.9 107.7 323.1



#70
Styrene
Concen: 1.01 ug/l
RT: 11.96 min Scan# 3225
Delta R.T. -0.01 min
Lab File: VN050343.D
Acq: 4 Aug 2018 4:39

Tgt Ion:104 Resp: 2153
Ion Ratio Lower Upper
104 100
78 78.9 39.3 58.9#
103 80.7 45.0 67.6#





#71

Bromoform

Concen: 0.51 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.27 min

Lab File: VN050343.D

Acq: 4 Aug 2018 4:39

Instrument :

MSVOA_N

ClientSampled :

C-6

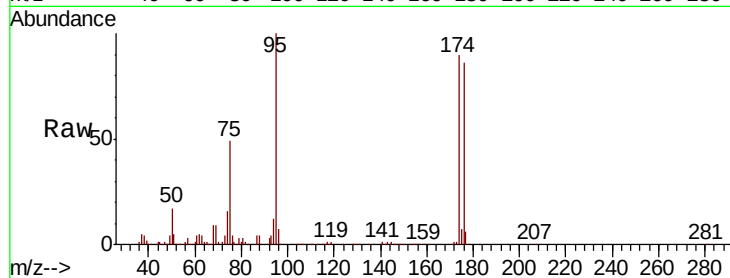
Tot Ion:173 Resp: 3273

Ion Ratio Lower Upper

173 100

175 764.8 24.1 72.2#

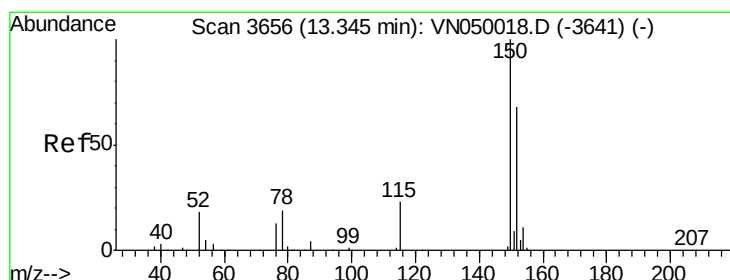
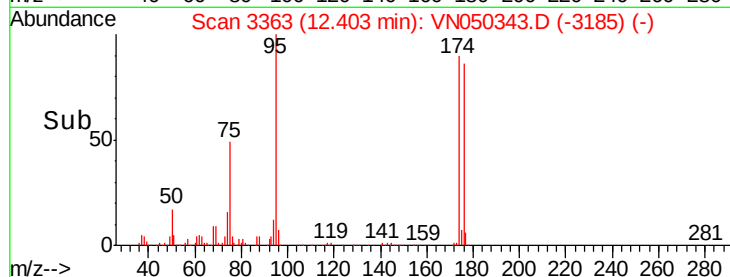
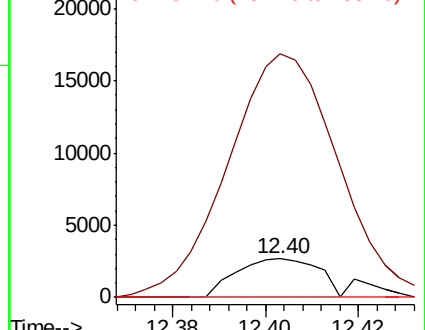
254 0.0 0.2 0.2#



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: VN050343.D

Acq: 4 Aug 2018 4:39

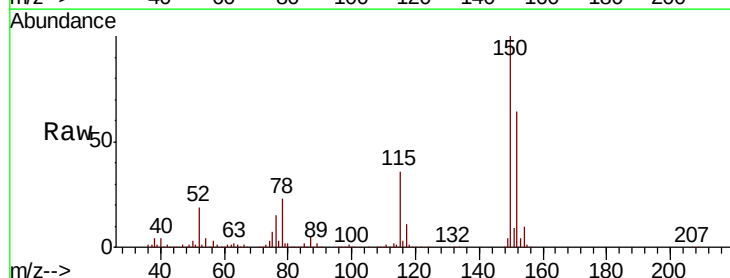
Tgt Ion:152 Resp: 367357

Ion Ratio Lower Upper

152 100

115 56.8 27.8 83.3

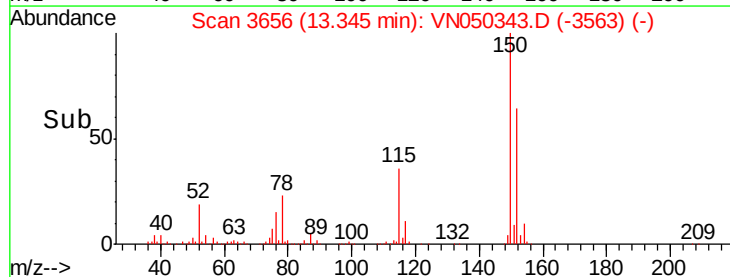
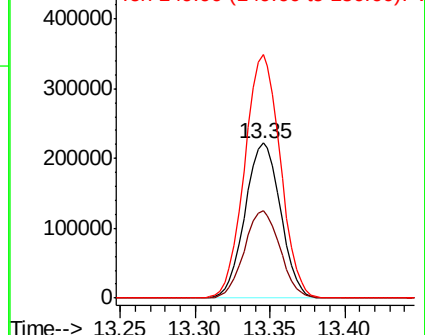
150 157.4 0.0 348.6

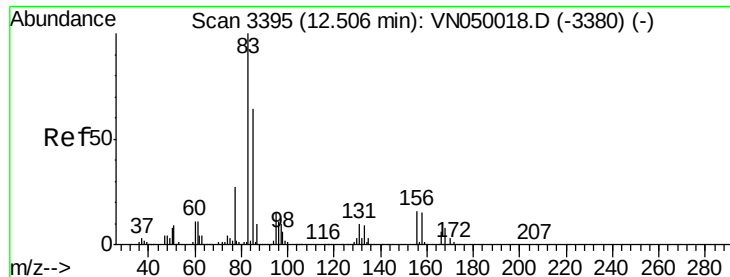


Abundance Ion 151.90 (151.60 to 152.60): V

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: 12.40 min Scan# 3361

Delta R.T. -0.11 min

Lab File: VN050343.D

Acq: 4 Aug 2018 4:39

Instrument :

MSVOA_N

ClientSampled :

C-6

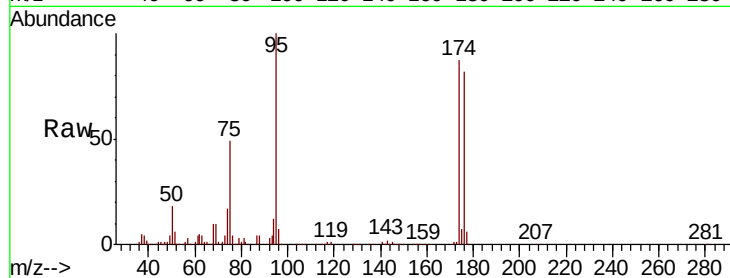
Tot Ion: 83 Resp: 142

Ion Ratio Lower Upper

83 100

131 203.5 5.1 15.3#

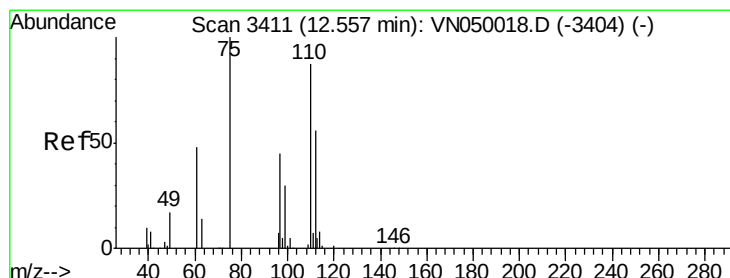
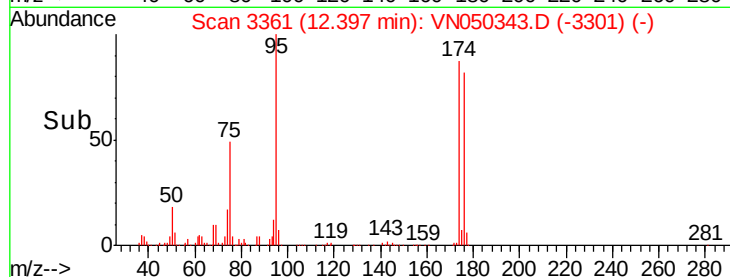
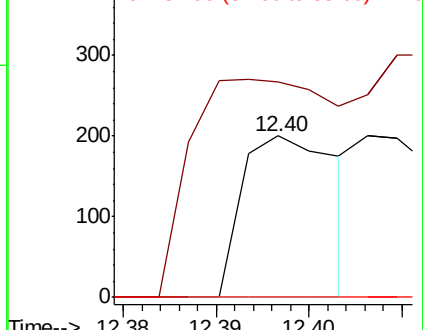
85 0.0 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 29.56 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050343.D

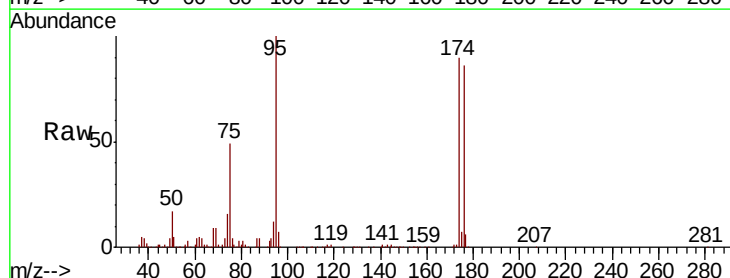
Acq: 4 Aug 2018 4:39

Tgt Ion: 75 Resp: 201784

Ion Ratio Lower Upper

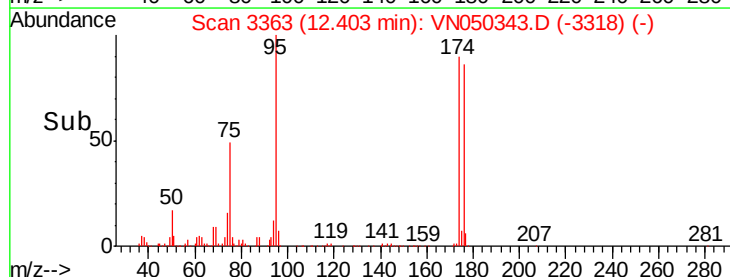
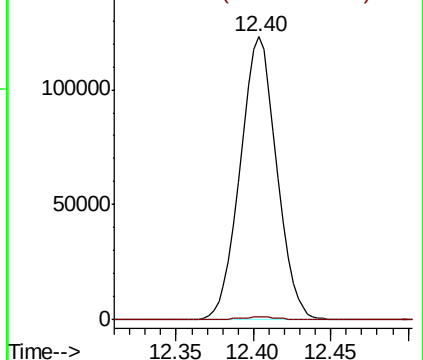
75 100

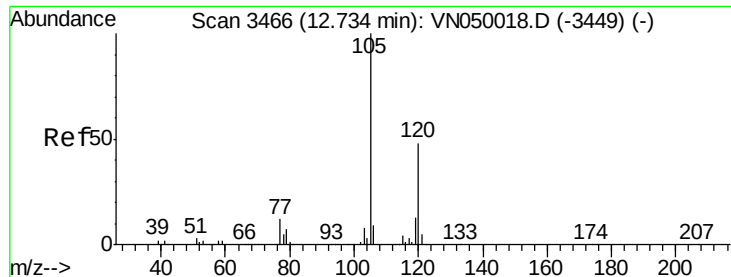
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

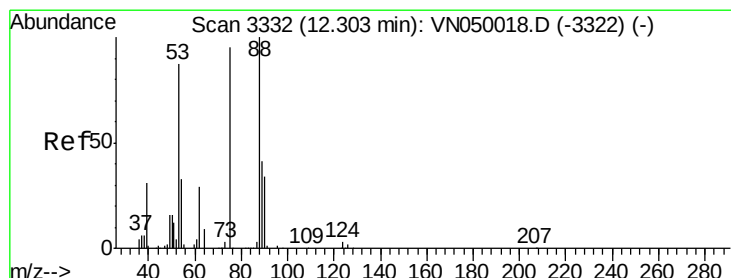
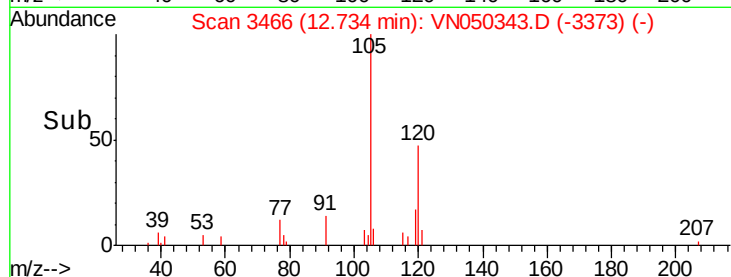
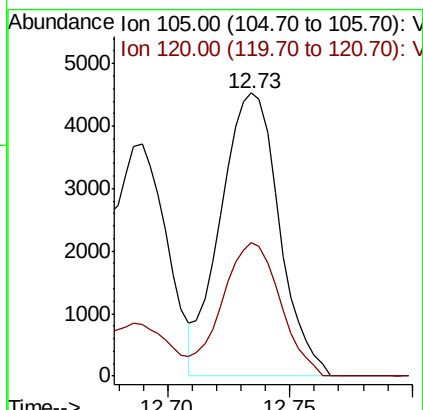
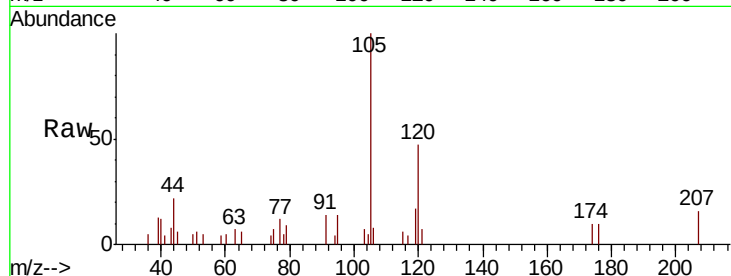




#80
 1,3,5-Trimethylbenzene
 Concen: 0.34 ug/l
 RT: 12.73 min Scan# 3466
 Delta R.T. 0.00 min
 Lab File: VN050343.D
 Acq: 4 Aug 2018 4:39

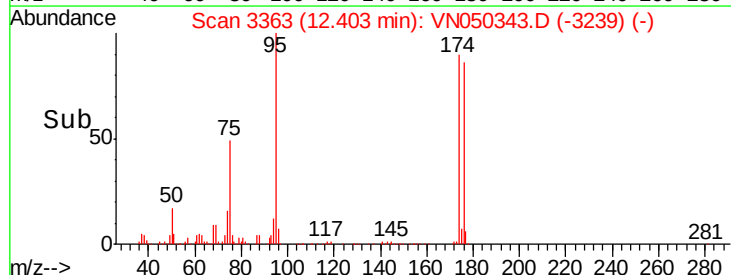
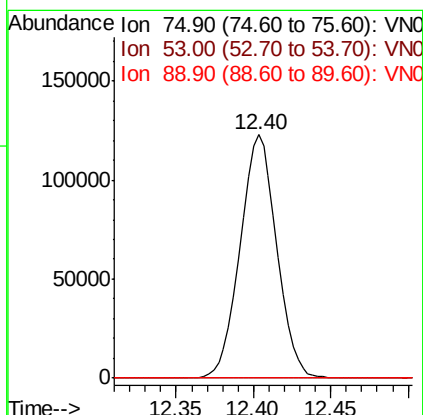
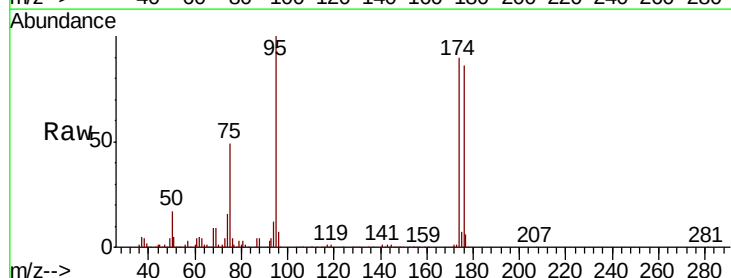
Instrument :
 MSVOA_N
 ClientSampled :
 C-6

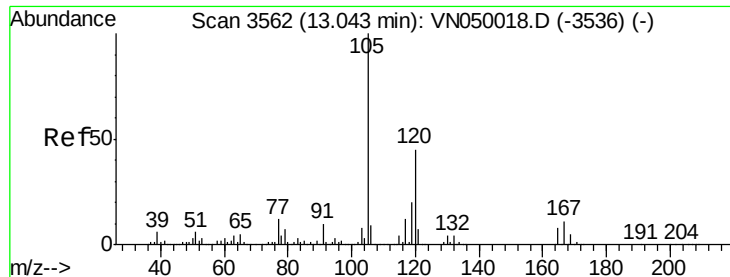
Tot Ion:105 Resp: 7563
 Ion Ratio Lower Upper
 105 100
 120 46.5 24.4 73.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.75 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.10 min
 Lab File: VN050343.D
 Acq: 4 Aug 2018 4:39

Tgt Ion: 75 Resp: 201784
 Ion Ratio Lower Upper
 75 100
 53 0.2 73.5 110.3#
 89 0.0 36.0 54.0#





#84

1,2,4-Trimethylbenzene

Concen: 0.90 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. -0.00 min

Lab File: VN050343.D

Acq: 4 Aug 2018 4:39

Instrument :

MSVOA_N

ClientSampleId :

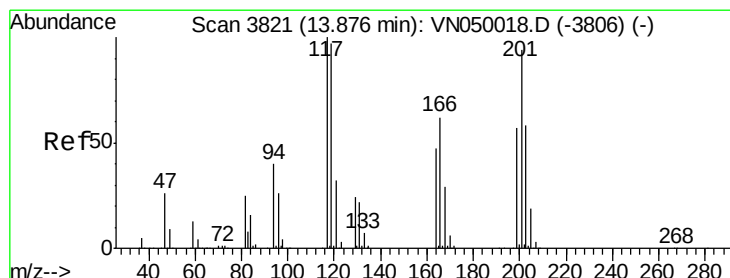
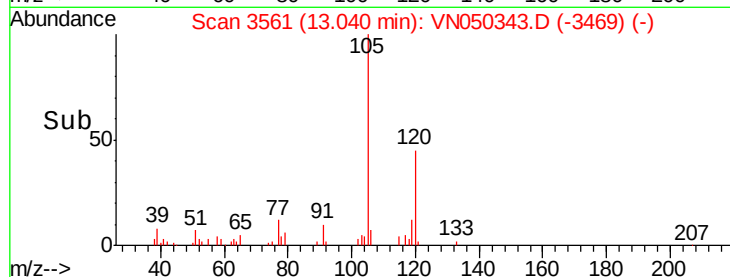
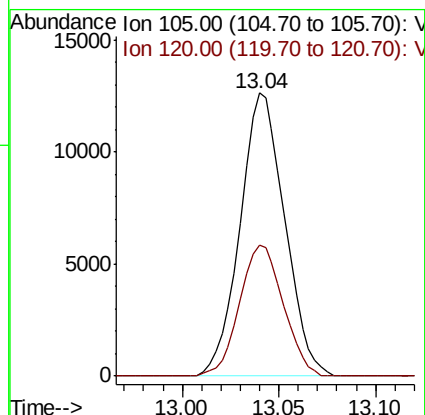
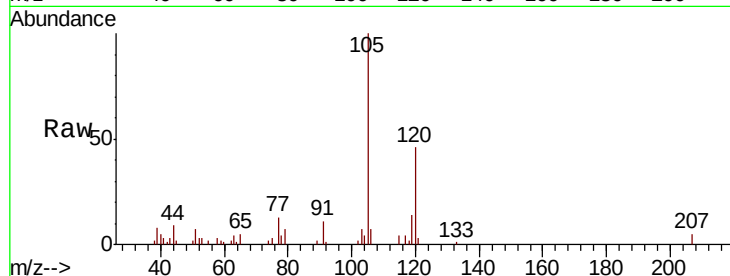
C-6

Tot Ion:105 Resp: 20297

Ion Ratio Lower Upper

105 100

120 45.3 22.9 68.7



#90

Hexachloroethane

Concen: 0.21 ug/l

RT: 13.89 min Scan# 3826

Delta R.T. 0.02 min

Lab File: VN050343.D

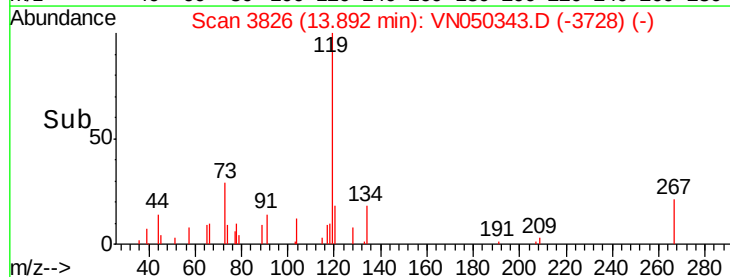
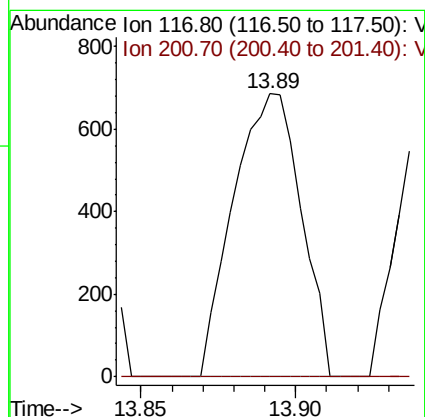
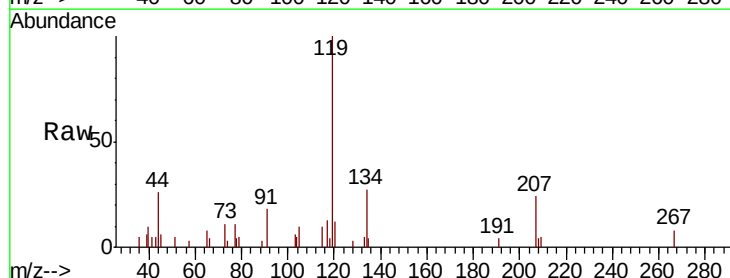
Acq: 4 Aug 2018 4:39

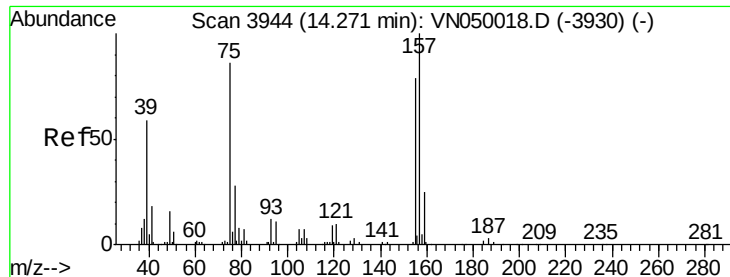
Tgt Ion:117 Resp: 1045

Ion Ratio Lower Upper

117 100

201 0.0 45.6 136.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.21 min Scan# 3925

Delta R.T. -0.06 min

Lab File: VN050343.D

Acq: 4 Aug 2018 4:39

Instrument :

MSVOA_N

ClientSampleId :

C-6

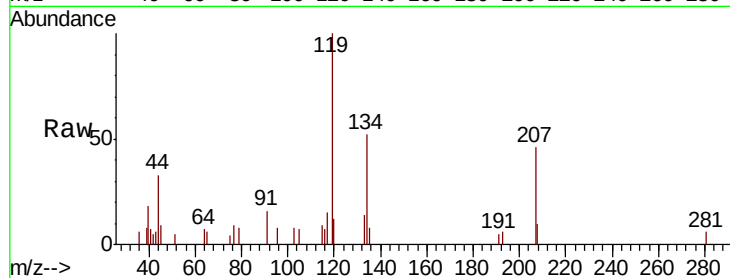
Tot Ion: 75 Resp: 30

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): VN050018.D (-3930) (-)

Ion 154.80 (154.50 to 155.50): VN050018.D (-3930) (-)

Ion 156.80 (156.50 to 157.50): VN050018.D (-3930) (-)

14.21

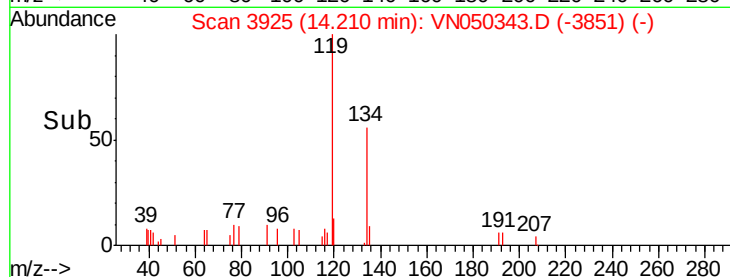
150

100

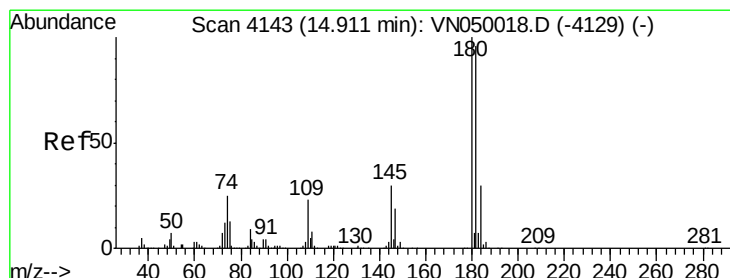
50

0

14.20 14.21 14.22



Time-->



#93

1,2,4-Trichlorobenzene

Concen: 3.12 ug/l

RT: 14.91 min Scan# 4144

Delta R.T. 0.00 min

Lab File: VN050343.D

Acq: 4 Aug 2018 4:39

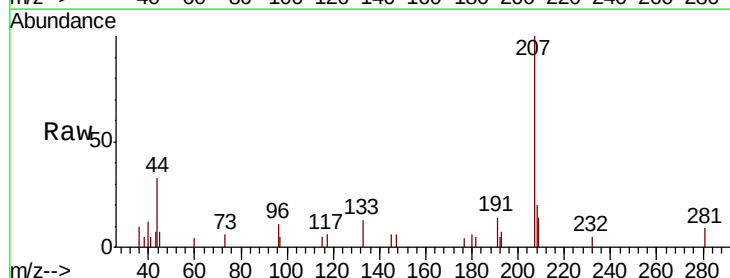
Tgt Ion: 180 Resp: 242

Ion Ratio Lower Upper

180 100

182 54.5 46.7 140.1

145 106.2 13.8 41.4#



Abundance Ion 179.80 (179.50 to 180.50): VN050018.D (-4129) (-)

Ion 181.80 (181.50 to 182.50): VN050018.D (-4129) (-)

Ion 144.80 (144.50 to 145.50): VN050018.D (-4129) (-)

400

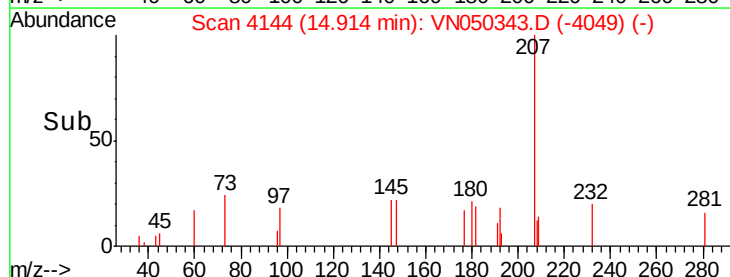
300

200

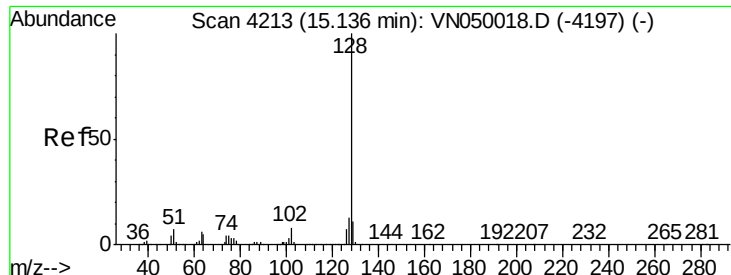
100

0

14.88 14.90 14.92



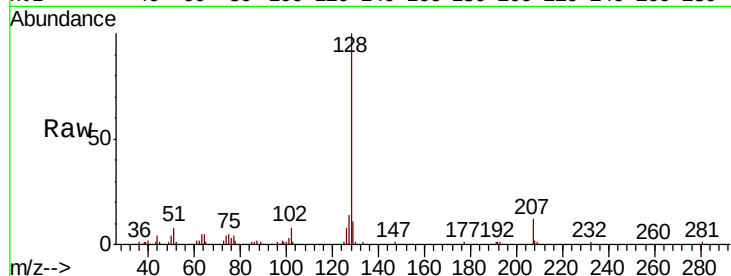
Time-->



#95
Naphthalene
Concen: 7.82 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050343.D
Acq: 4 Aug 2018 4:39

Instrument :
MSVOA_N
ClientSampleId :
C-6

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.8	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

