

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062218\
 Data File : VN049490.D
 Acq On : 22 Jun 2018 14:40
 Operator : MD\SY
 Sample : J3570-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 22 22:14:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1128670	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1693483	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1419731	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	403475	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	741098	49.51	ug/l	0.00
Spiked Amount			Recovery	=	99.02%	
35) Dibromofluoromethane	7.59	113	505051	36.86	ug/l	0.00
Spiked Amount			Recovery	=	73.72%	
50) Toluene-d8	10.09	98	2381669	45.65	ug/l	0.00
Spiked Amount			Recovery	=	91.30%	
62) 4-Bromofluorobenzene	12.41	95	593346	34.40	ug/l	0.00
Spiked Amount			Recovery	=	68.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.58	94	5264	0.56	ug/l	84
11) Tert butyl alcohol	4.80	59	381	0.43	ug/l #	70
13) Acrolein	3.61	56	1411	1.53	ug/l #	63
16) Acetone	3.82	43	127346	35.04	ug/l	93
17) Carbon Disulfide	4.05	76	17494	0.43	ug/l #	95
18) Methyl Acetate	4.33	43	15735	1.42	ug/l	98
20) Methylene Chloride	4.55	84	30492	2.01	ug/l	93
25) 2-Butanone	6.85	43	24103	4.94	ug/l	96
29) Tetrahydrofuran	7.23	42	3096	0.99	ug/l #	76
31) Cyclohexane	7.67	56	21960	0.82	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	79938	4.12	ug/l #	50
37) Ethyl Acetate	6.85	43	24103	2.28	ug/l #	75
38) Carbon Tetrachloride	7.67	117	102667	5.11	ug/l #	17
43) Isopropyl Acetate	8.29	43	53643	2.66	ug/l #	64
49) 1,4-Dioxane	9.20	88	258	1.97	ug/l #	67
51) 4-Methyl-2-Pentanone	9.99	43	9869	0.93	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.72	63	91	14.34	ug/l #	51
59) 2-Hexanone	10.76	43	9603	1.41	ug/l #	56
65) Chlorobenzene	11.44	112	8167	0.22	ug/l	98
74) N-amyl acetate	12.04	43	4413	0.51	ug/l #	50
75) 1,1,2,2-Tetrachloroethane	12.50	83	916	Below	Cal #	93
76) 1,2,3-Trichloropropane	12.41	75	291402	42.33	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	291402	133.78	ug/l #	8
82) 4-Chlorotoluene	12.78	91	5164	0.22	ug/l	96
87) 1,3-Dichlorobenzene	13.28	146	4599	0.30	ug/l	87
88) 1,4-Dichlorobenzene	13.28	146	4599	0.30	ug/l	88
89) n-Butylbenzene	13.62	91	5966	0.28	ug/l	99
90) Hexachloroethane	13.88	117	220	Below	Cal	61
91) 1,2-Dichlorobenzene	13.66	146	5171	0.34	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	14.26	75	747	0.61	ug/l #	53
93) 1,2,4-Trichlorobenzene	14.91	180	6641	5.61	ug/l	98
94) Hexachlorobutadiene	15.01	225	2670	Below	Cal	95
95) Naphthalene	15.14	128	15402	3.45	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.32	180	8127	4.58	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062218\
Data File : VN049490.D
Acq On : 22 Jun 2018 14:40
Operator : MD\SY
Sample : J3570-10
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jun 22 22:14:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration

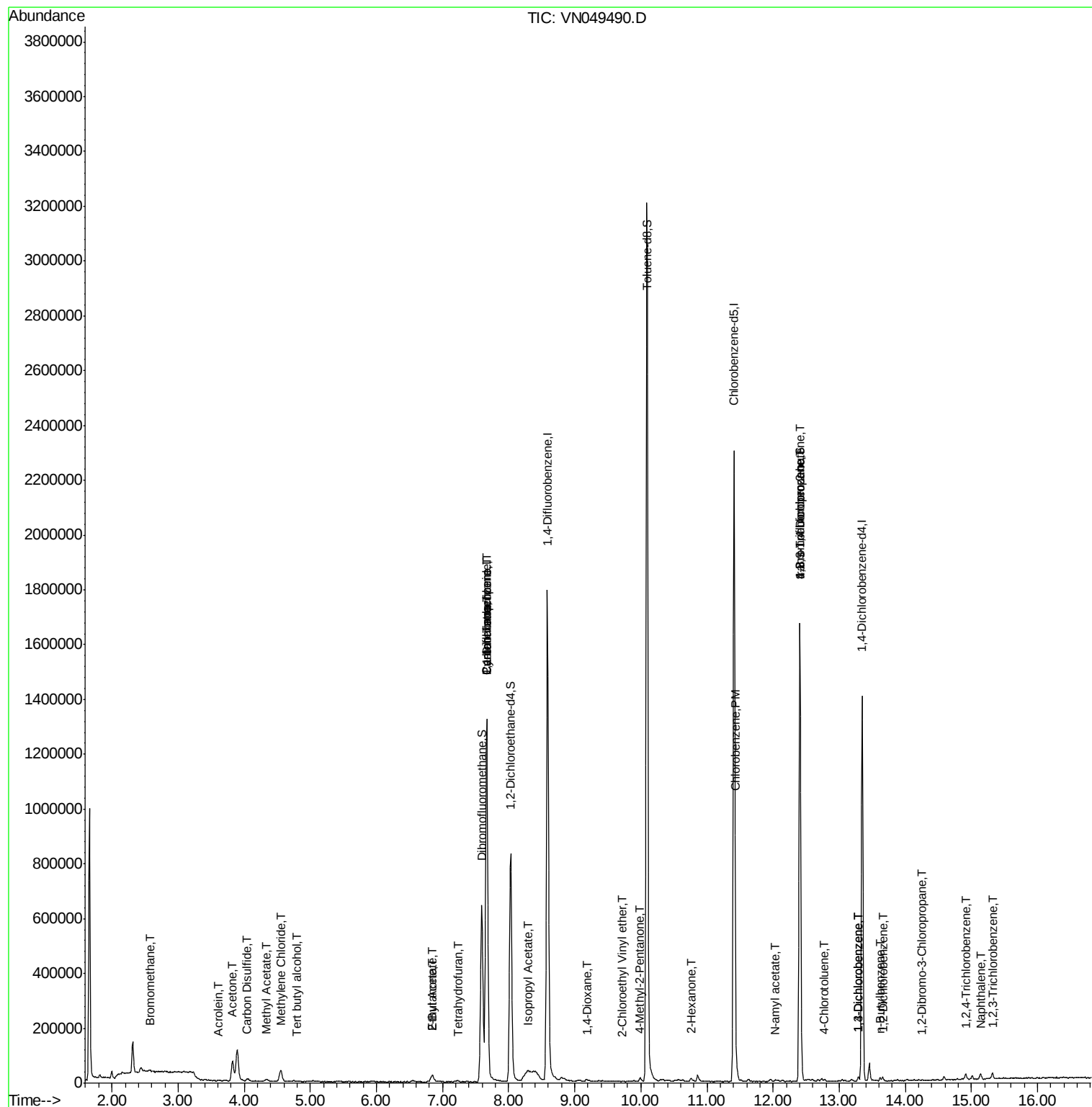
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

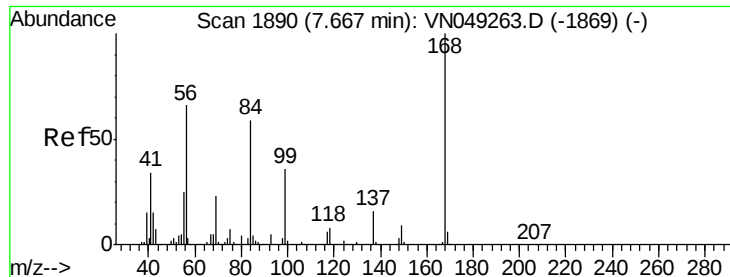
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062218\
Data File : VN049490.D
Acq On : 22 Jun 2018 14:40
Operator : MD\SY
Sample : J3570-10
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jun 22 22:14:02 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 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: VN049490.D

Acq: 22 Jun 2018 14:40

Instrument :

MSVOA_N

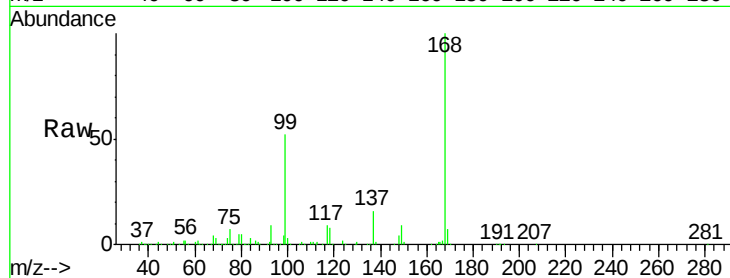
ClientSampleId :

Tot Ion:168 Resp: 1128670

Ion Ratio Lower Upper

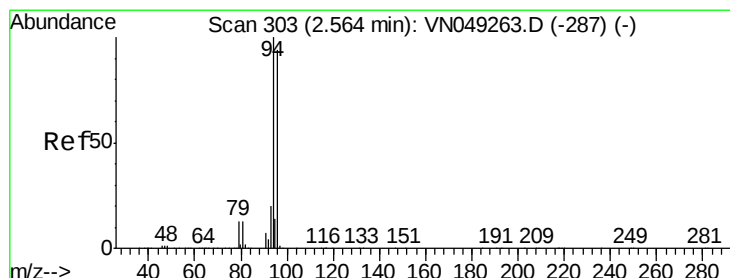
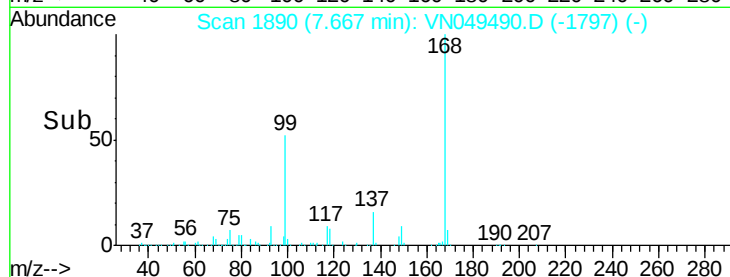
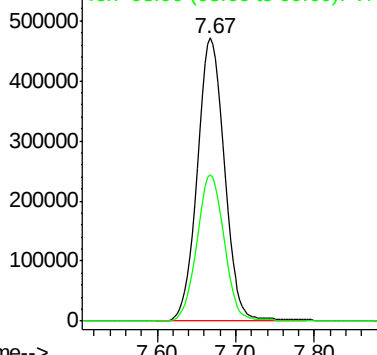
168 100

99 51.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#5

Bromomethane

Concen: 0.56 ug/l

RT: 2.58 min Scan# 308

Delta R.T. 0.02 min

Lab File: VN049490.D

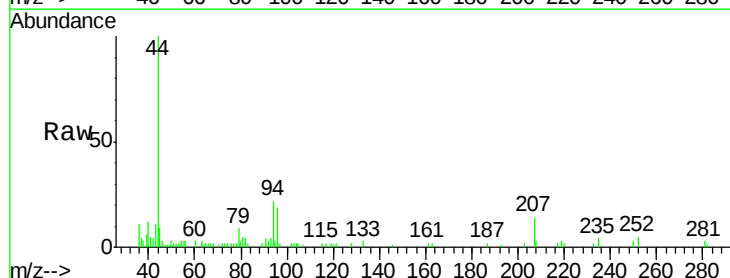
Acq: 22 Jun 2018 14:40

Tgt Ion: 94 Resp: 5264

Ion Ratio Lower Upper

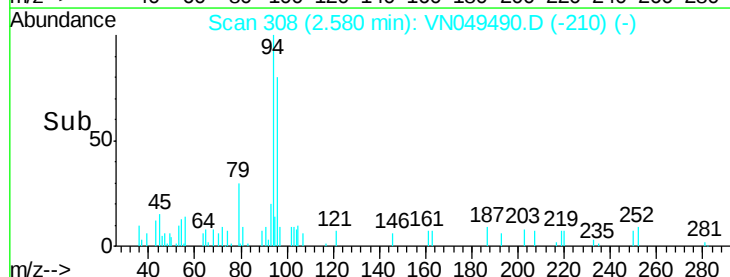
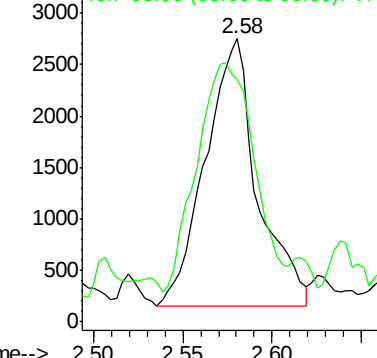
94 100

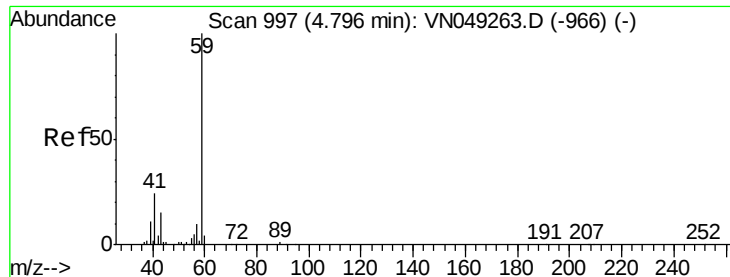
96 75.8 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

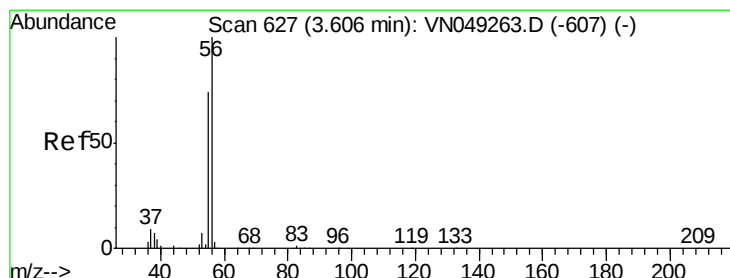
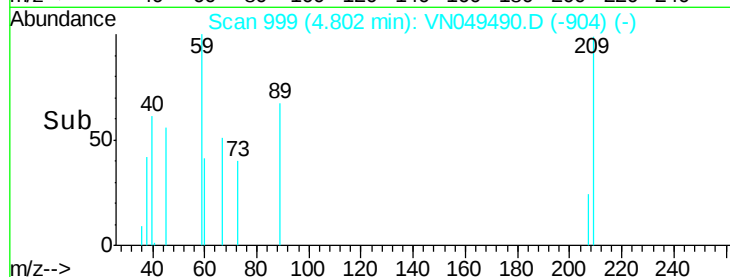
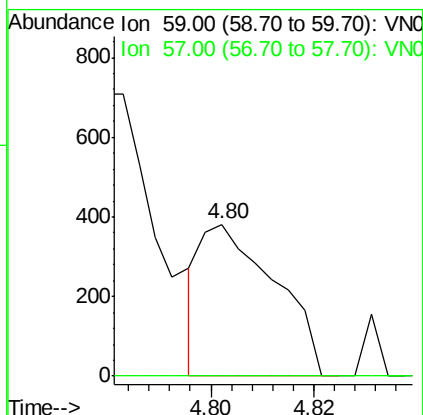
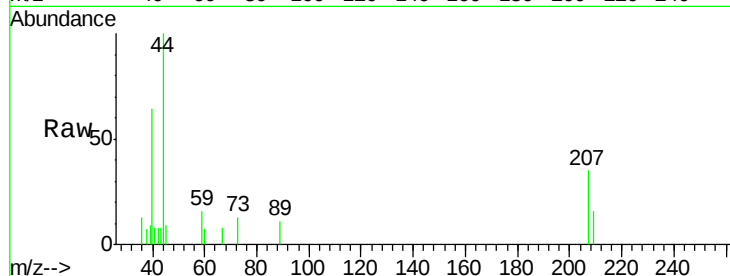




#11
Tert butyl alcohol
Concen: 0.43 ug/l
RT: 4.80 min Scan# 999
Delta R.T. 0.01 min
Lab File: VN049490.D
Acq: 22 Jun 2018 14:40

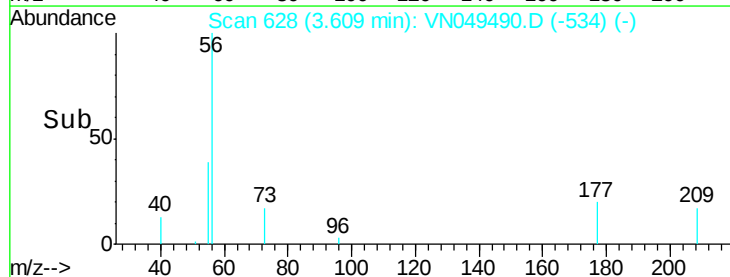
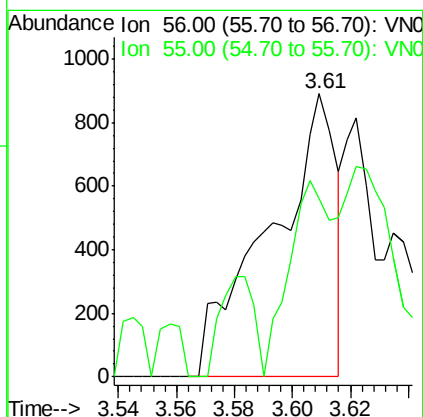
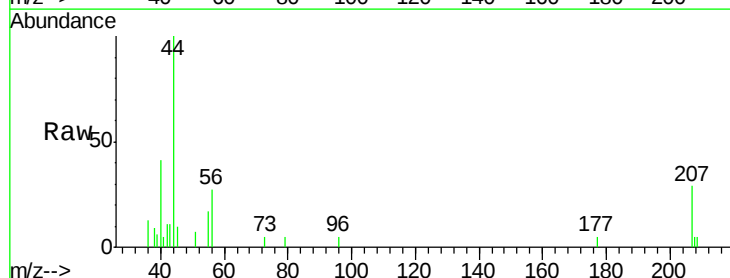
Instrument :
MSVOA_N
ClientSampled :

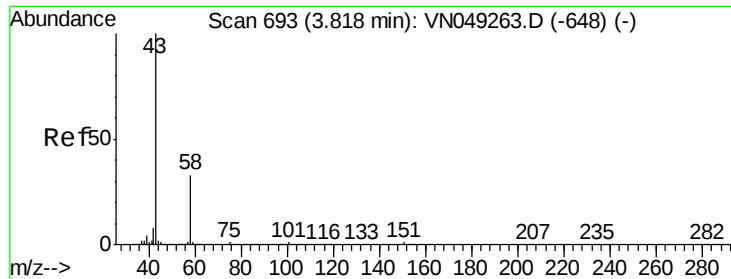
Tot Ion: 59 Resp: 381
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.6#



#13
Acrolein
Concen: 1.53 ug/l
RT: 3.61 min Scan# 628
Delta R.T. 0.00 min
Lab File: VN049490.D
Acq: 22 Jun 2018 14:40

Tgt Ion: 56 Resp: 1411
Ion Ratio Lower Upper
56 100
55 41.1 57.1 85.7#





#16

Acetone

Concen: 35.04 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049490.D

Acq: 22 Jun 2018 14:40

Instrument :

MSVOA_N

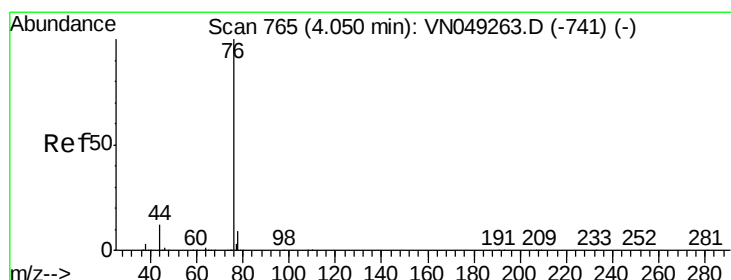
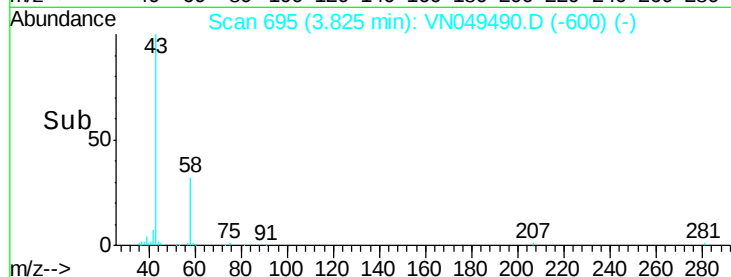
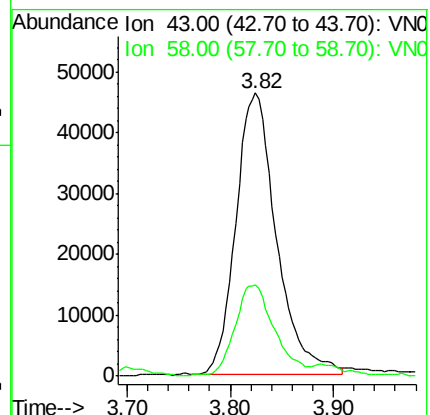
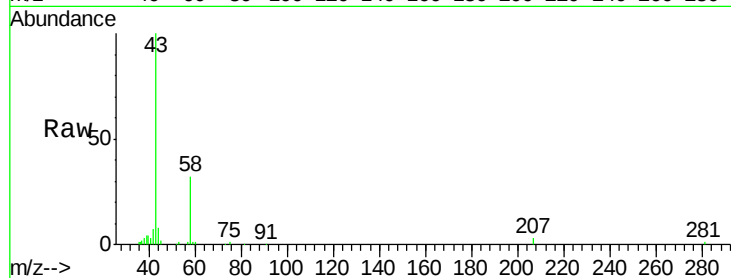
ClientSampled :

Tot Ion: 43 Resp: 127346

Ion Ratio Lower Upper

43 100

58 31.7 22.4 33.6



#17

Carbon Disulfide

Concen: 0.43 ug/l

RT: 4.05 min Scan# 764

Delta R.T. -0.00 min

Lab File: VN049490.D

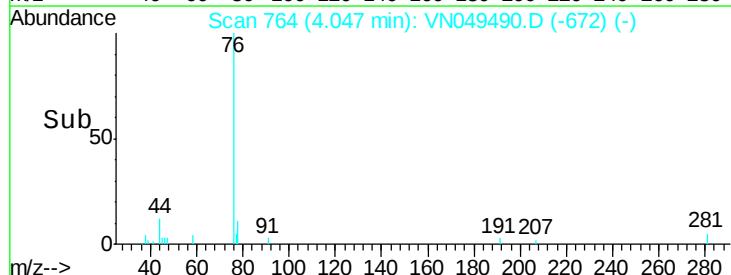
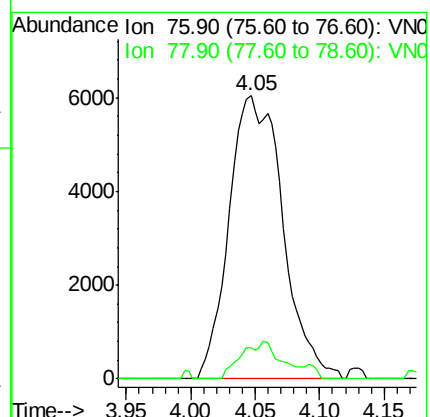
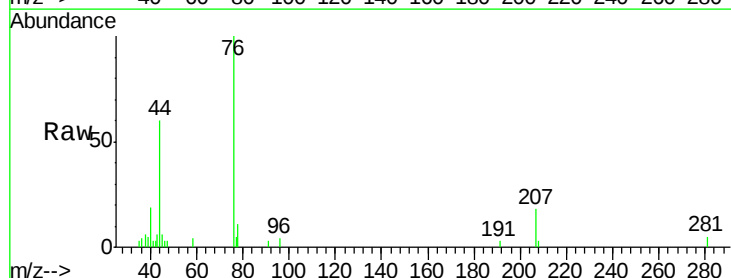
Acq: 22 Jun 2018 14:40

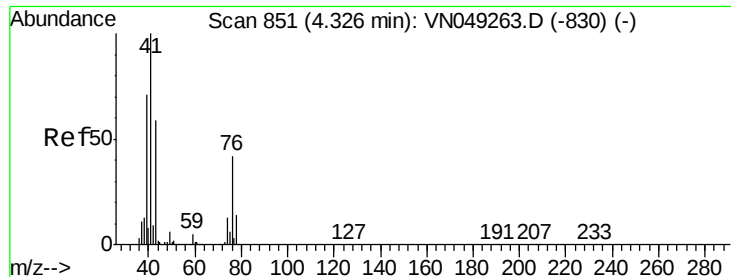
Tgt Ion: 76 Resp: 17494

Ion Ratio Lower Upper

76 100

78 11.2 7.4 11.0#

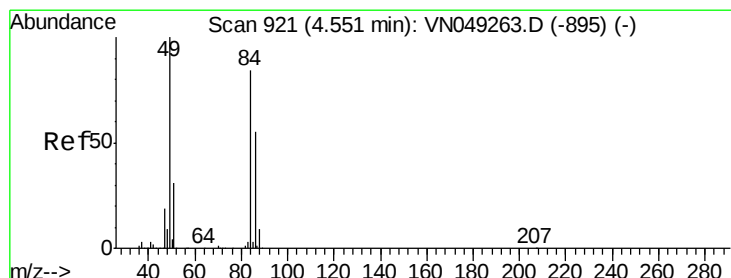
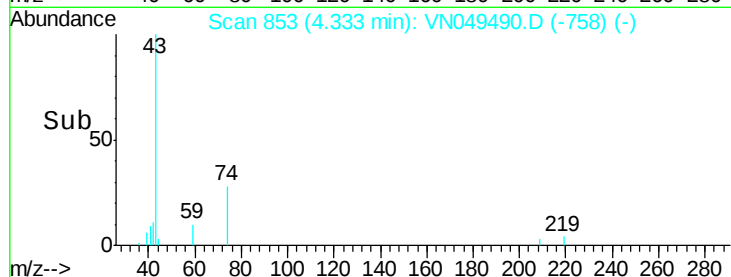
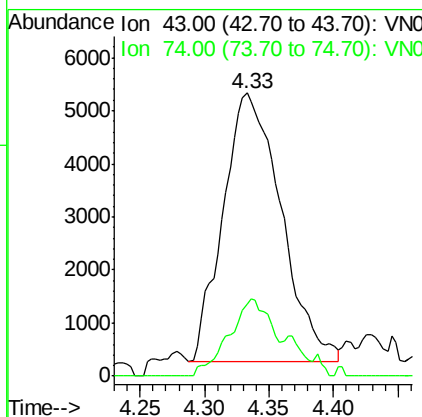
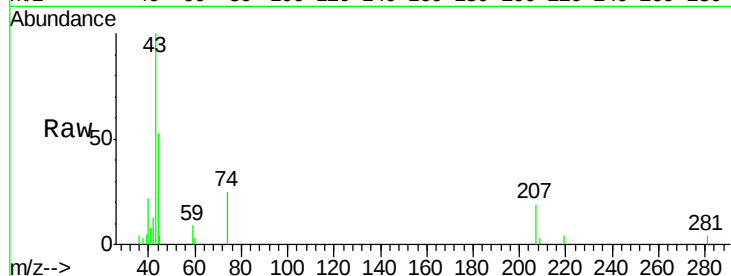




#18
Methvl Acetate
Concen: 1.42 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049490.D
Acq: 22 Jun 2018 14:40

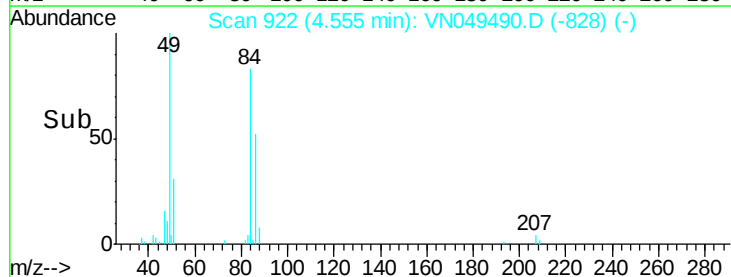
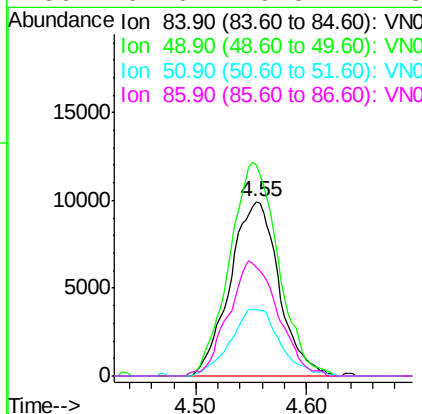
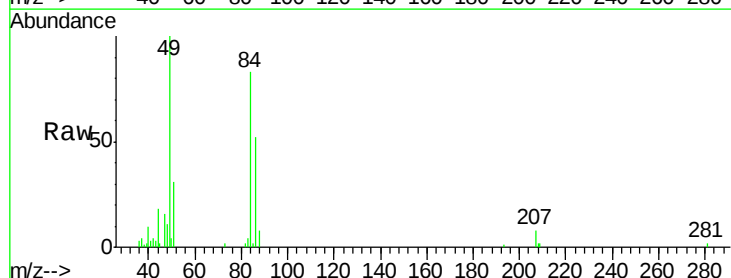
Instrument :
MSVOA_N
ClientSampled :

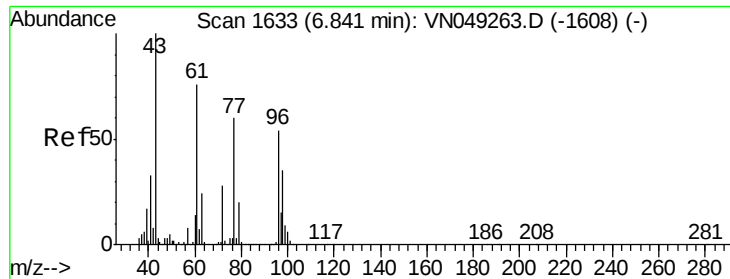
Tot Ion: 43 Resp: 15735
Ion Ratio Lower Upper
43 100
74 20.9 17.4 26.0



#20
Methylene Chloride
Concen: 2.01 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN049490.D
Acq: 22 Jun 2018 14:40

Tgt Ion: 84 Resp: 30492
Ion Ratio Lower Upper
84 100
49 120.8 106.9 160.3
51 37.9 32.7 49.1
86 62.6 49.8 74.8





#25

2-Butanone

Concen: 4.94 ug/l

RT: 6.85 min Scan# 1637

Delta R.T. 0.01 min

Lab File: VN049490.D

Acq: 22 Jun 2018 14:40

Instrument :

MSVOA_N

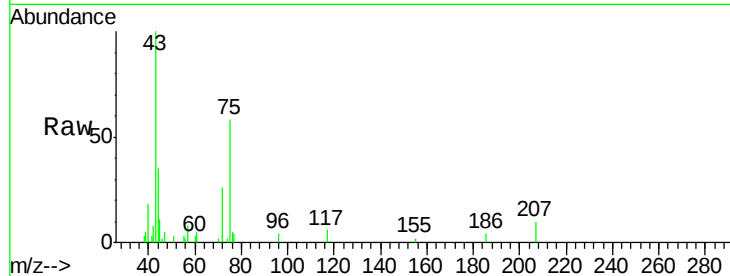
ClientSampleId :

Tot Ion: 43 Resp: 24103

Ion Ratio Lower Upper

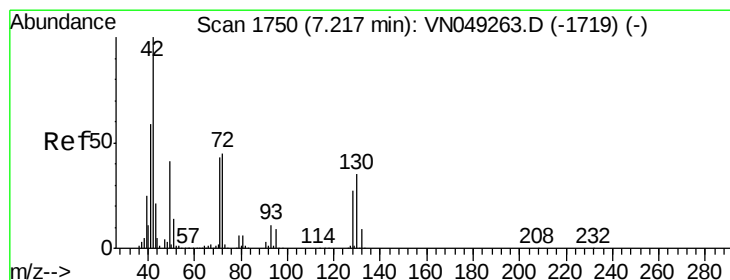
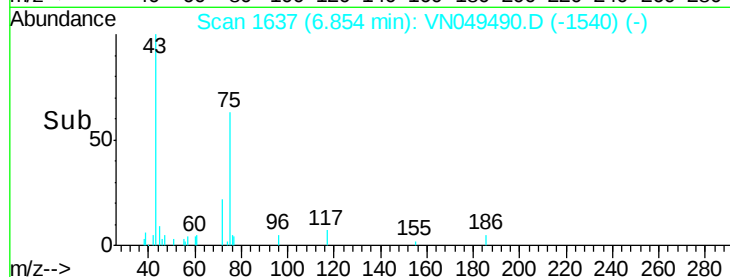
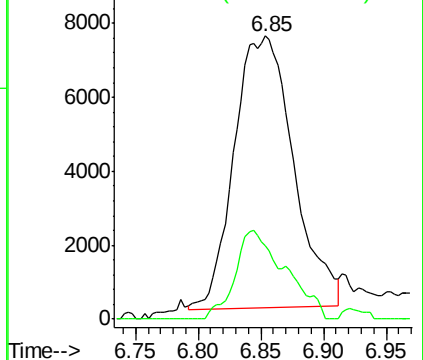
43 100

72 27.4 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#29

Tetrahydrofuran

Concen: 0.99 ug/l

RT: 7.23 min Scan# 1753

Delta R.T. 0.01 min

Lab File: VN049490.D

Acq: 22 Jun 2018 14:40

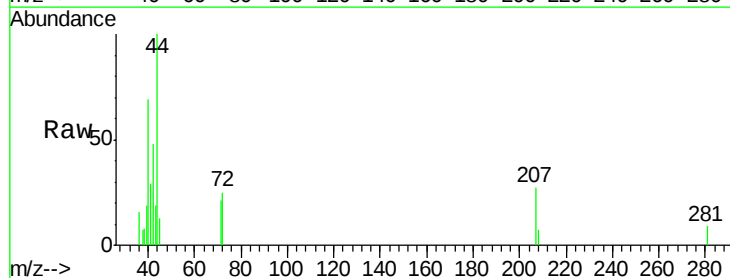
Tgt Ion: 42 Resp: 3096

Ion Ratio Lower Upper

42 100

72 21.8 32.2 48.4#

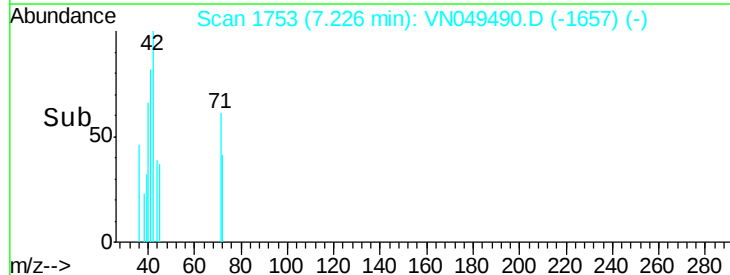
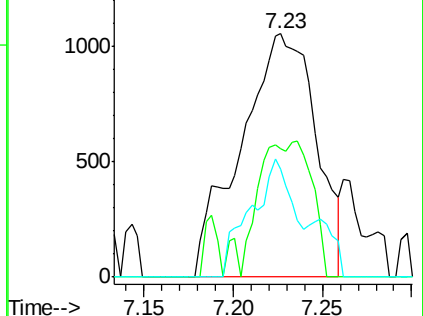
71 27.4 30.5 45.7#

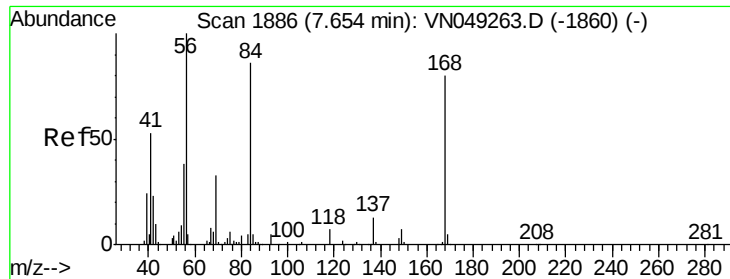


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

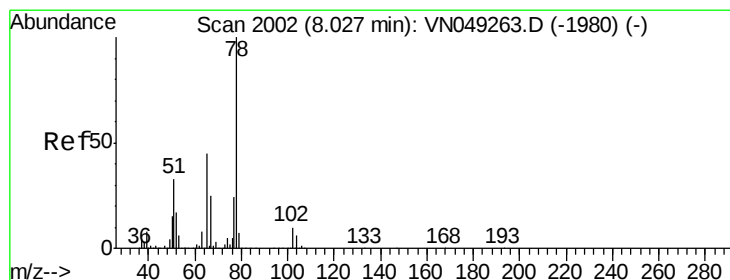
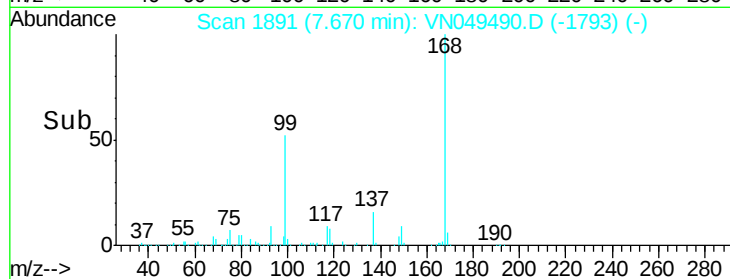
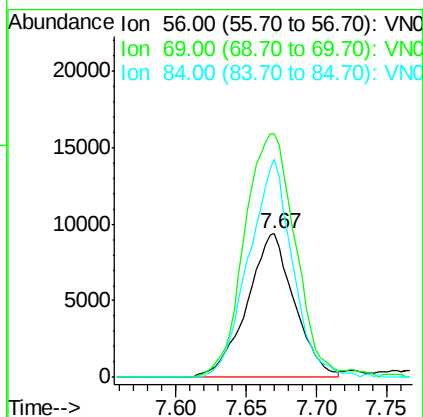
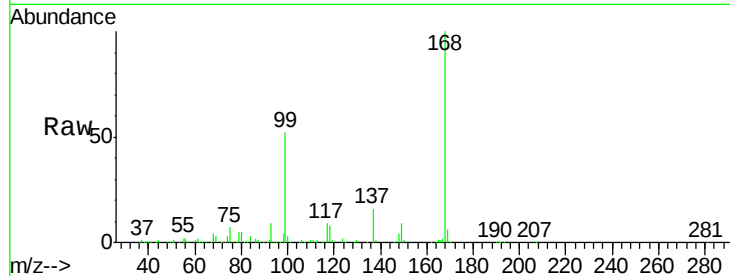




#31
Cyclohexane
Concen: 0.82 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.02 min
Lab File: VN049490.D
Acq: 22 Jun 2018 14:40

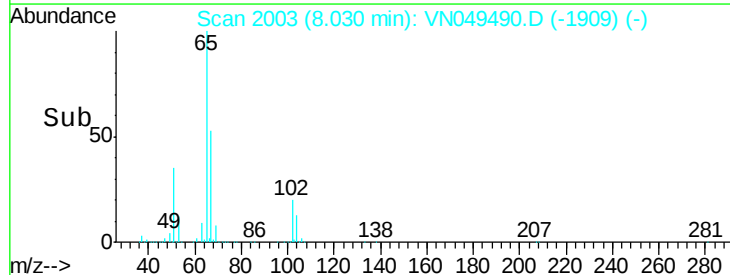
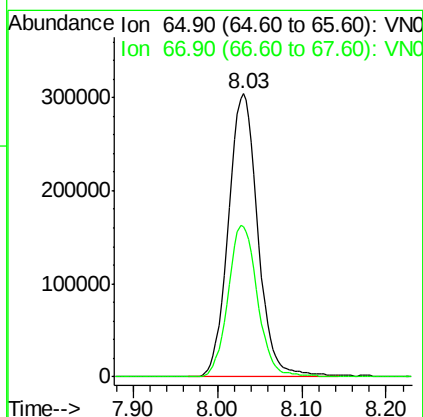
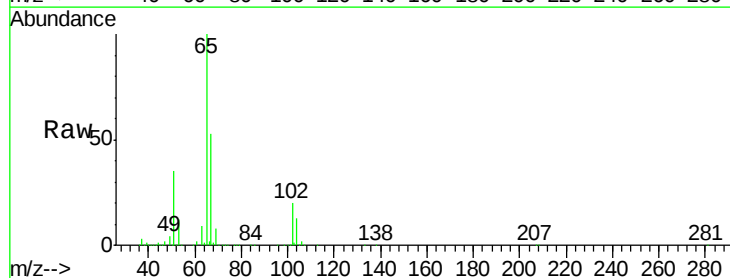
Instrument :
MSVOA_N
ClientSampleId :

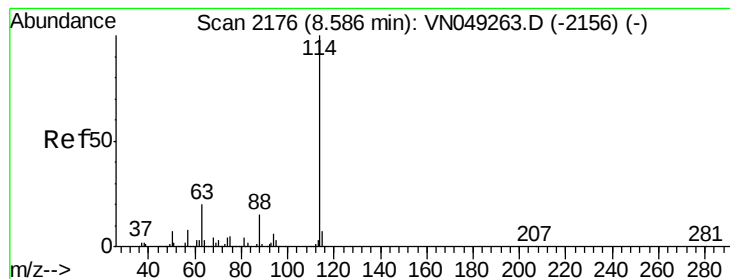
Tot Ion: 56 Resp: 21960
Ion Ratio Lower Upper
56 100
69 169.7 25.0 37.4#
84 152.4 64.6 96.8#



#33
1,2-Dichloroethane-d4
Concen: 49.51 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049490.D
Acq: 22 Jun 2018 14:40

Tgt Ion: 65 Resp: 741098
Ion Ratio Lower Upper
65 100
67 53.7 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049490.D

Acq: 22 Jun 2018 14:40

Instrument :

MSVOA_N

ClientSampled :

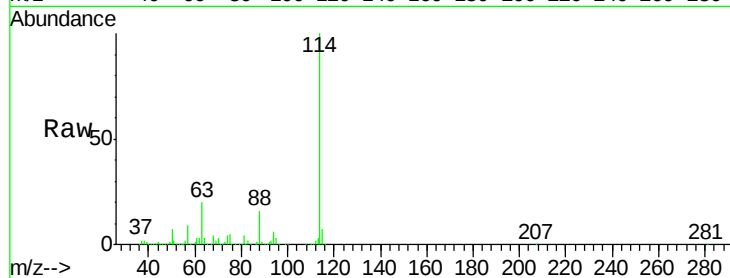
Tot Ion:114 Resp: 1693483

Ion Ratio Lower Upper

114 100

63 20.4 0.0 44.4

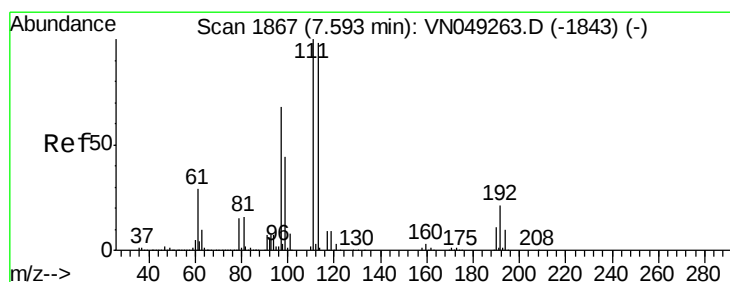
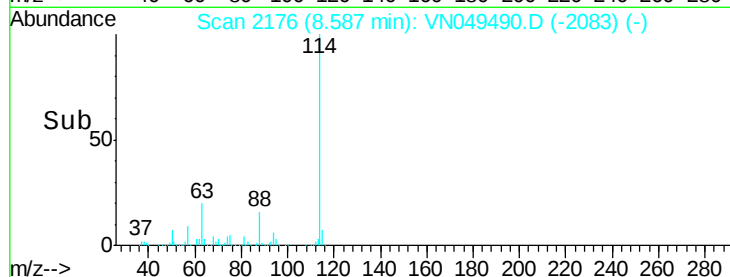
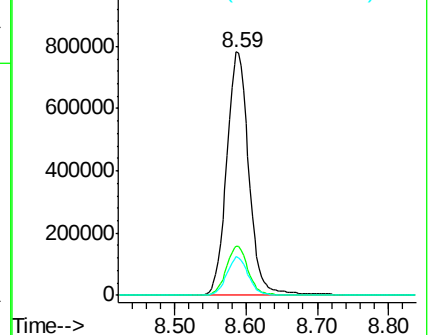
88 15.7 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 36.86 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049490.D

Acq: 22 Jun 2018 14:40

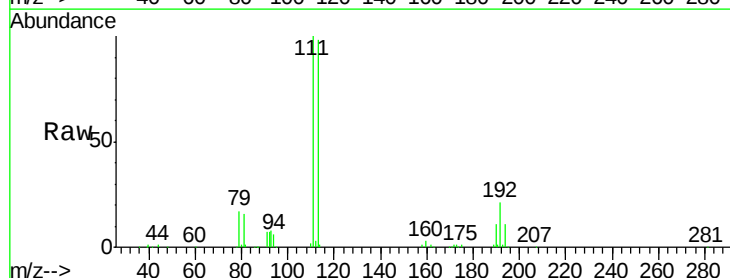
Tgt Ion:113 Resp: 505051

Ion Ratio Lower Upper

113 100

111 101.7 82.4 123.6

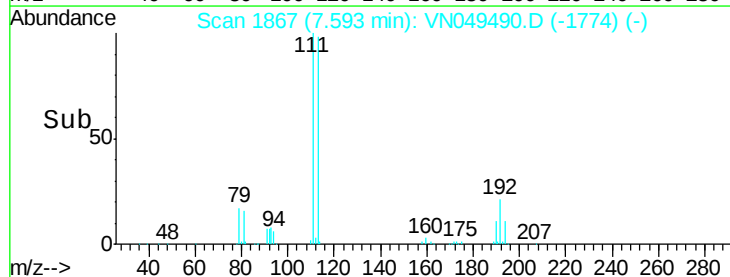
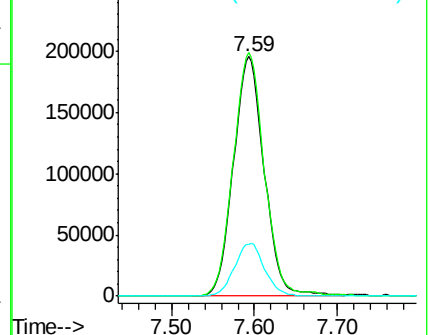
192 21.8 15.0 22.6

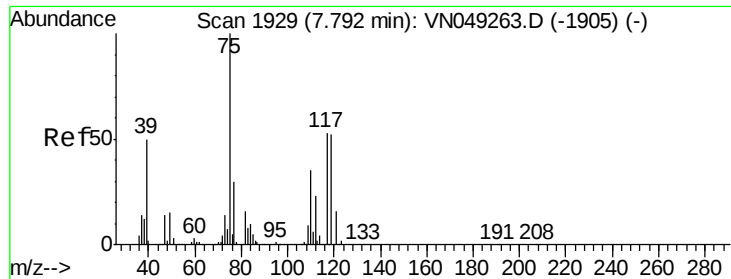


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

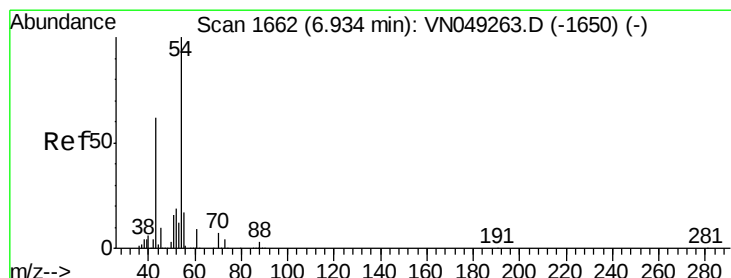
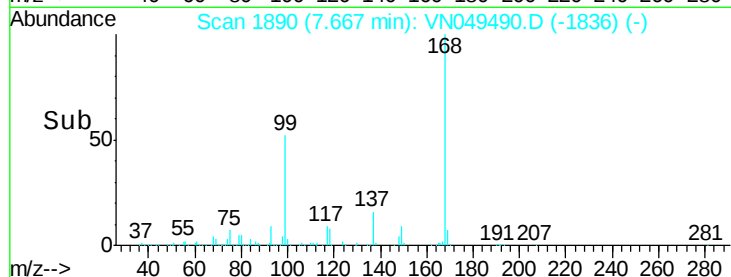
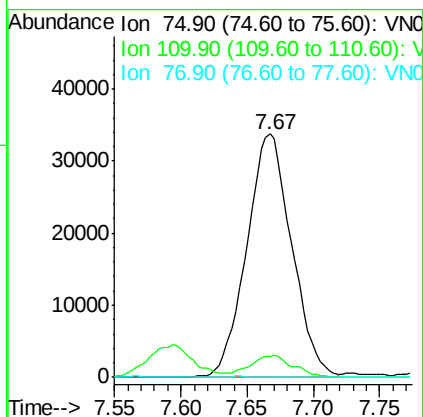
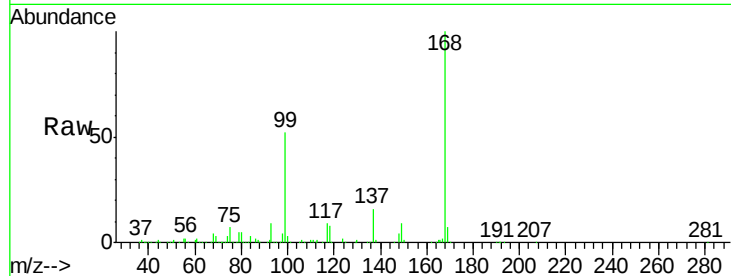




#36
 1,1-Dichloropropene
 Concen: 4.12 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN049490.D
 Acq: 22 Jun 2018 14:40

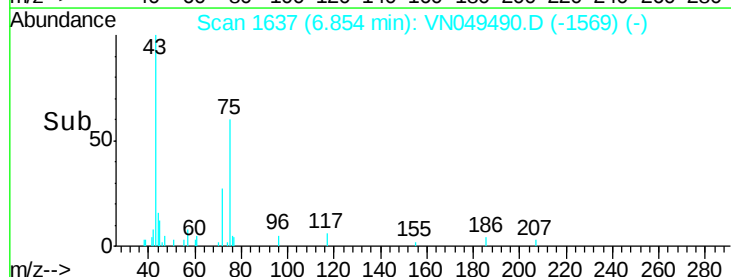
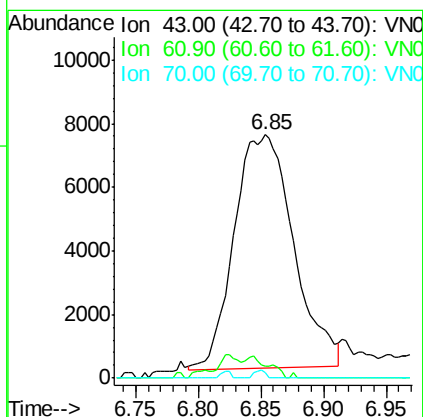
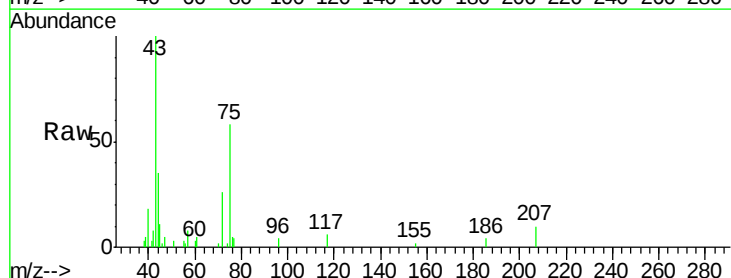
Instrument :
 MSVOA_N
 ClientSampleId :

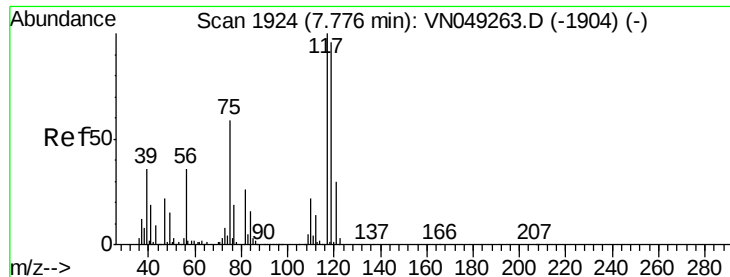
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.6	17.0	50.9#
77	0.0	24.4	36.6#



#37
 Ethyl Acetate
 Concen: 2.28 ug/l
 RT: 6.85 min Scan# 1637
 Delta R.T. -0.08 min
 Lab File: VN049490.D
 Acq: 22 Jun 2018 14:40

Tgt Ion	Ratio	Lower	Upper
43	100		
61	3.2	11.0	16.4#
70	0.6	7.2	10.8#





#38

Carbon Tetrachloride

Concen: 5.11 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. -0.11 min

Lab File: VN049490.D

Acq: 22 Jun 2018 14:40

Instrument :

MSVOA_N

ClientSampleId :

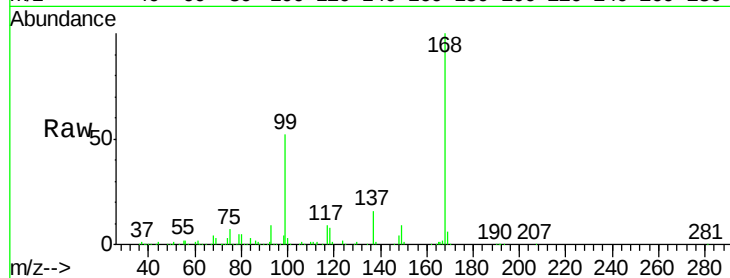
Tot Ion:117 Resp: 102667

Ion Ratio Lower Upper

117 100

119 5.7 75.6 113.4#

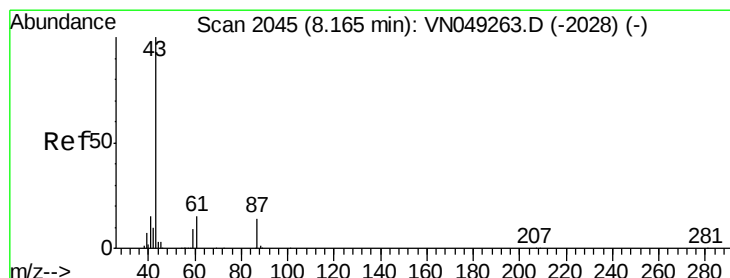
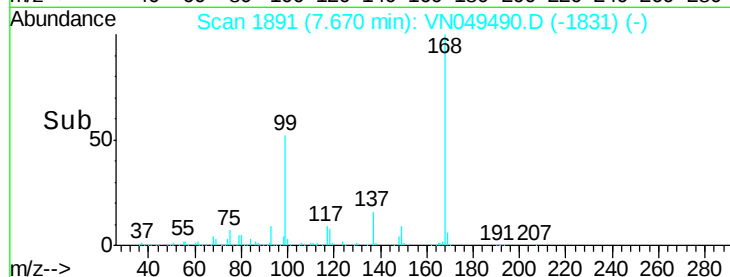
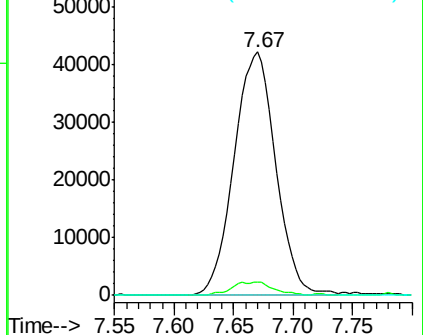
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 2.66 ug/l

RT: 8.29 min Scan# 2083

Delta R.T. 0.12 min

Lab File: VN049490.D

Acq: 22 Jun 2018 14:40

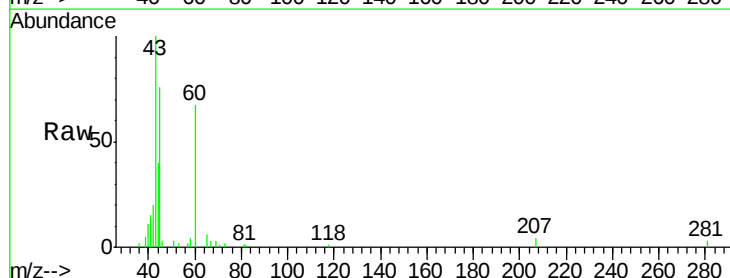
Tgt Ion: 43 Resp: 53643

Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.4#

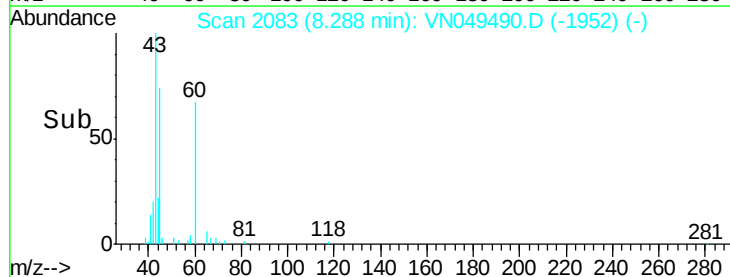
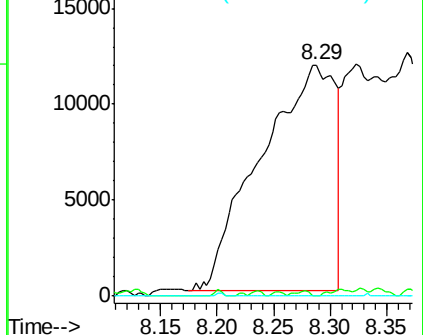
87 0.0 9.4 14.0#

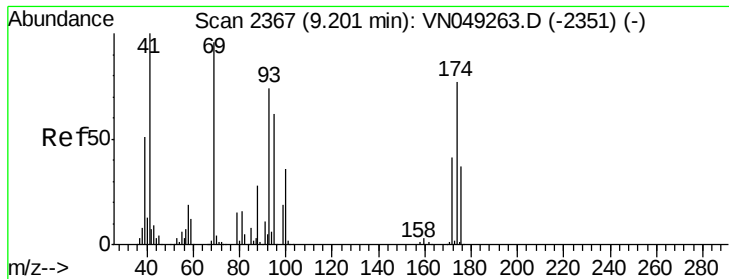


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

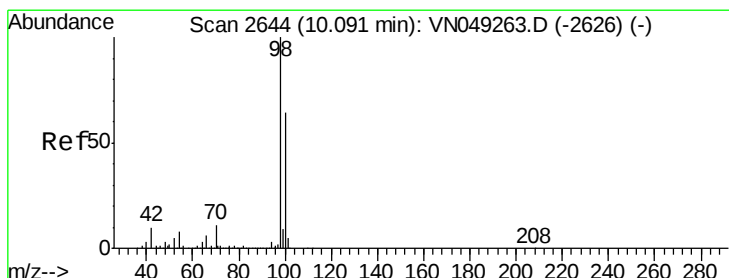
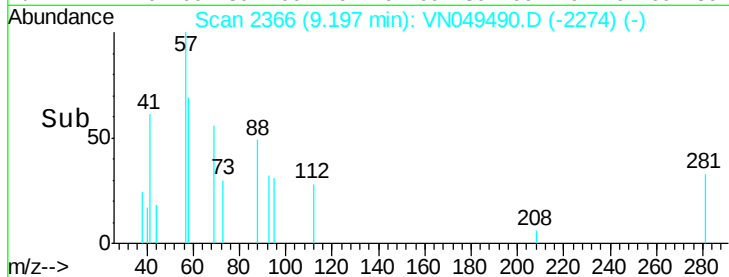
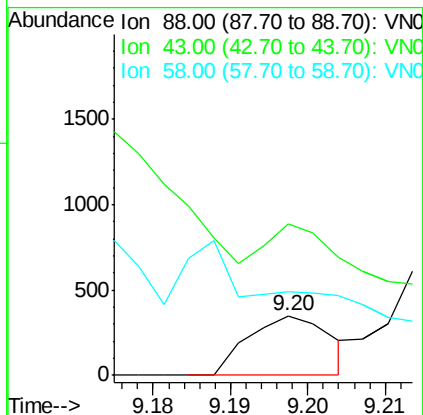
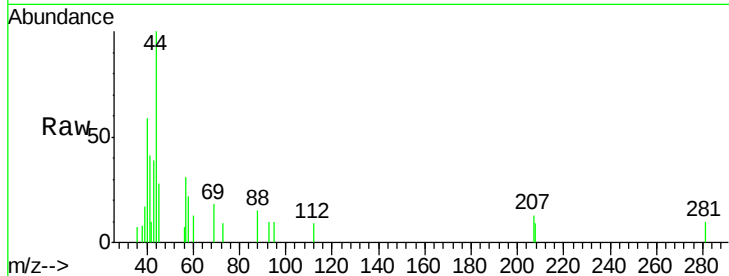




#49
1,4-Dioxane
Concen: 1.97 ug/l
RT: 9.20 min Scan# 2366
Delta R.T. -0.00 min
Lab File: VN049490.D
Acq: 22 Jun 2018 14:40

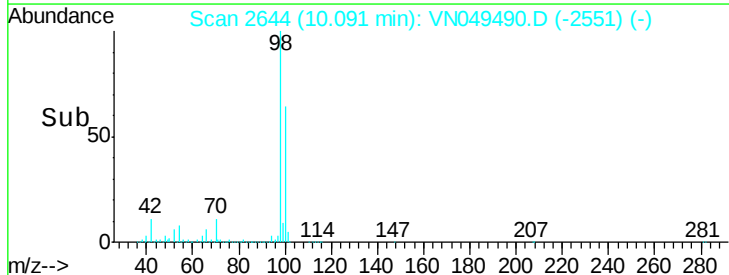
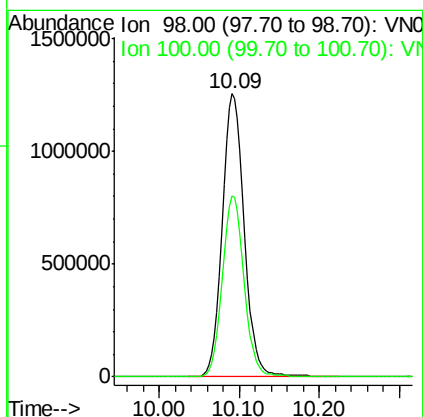
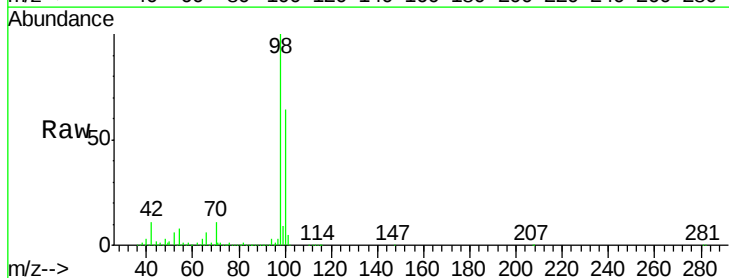
Instrument :
MSVOA_N
ClientSampleId :

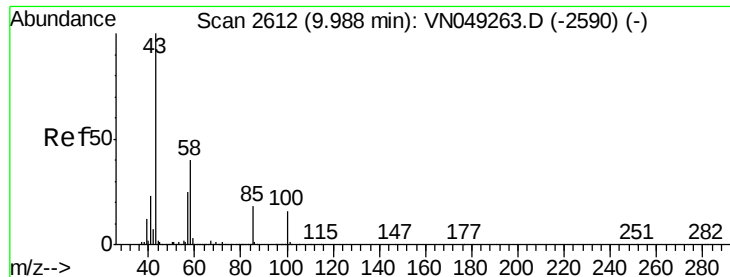
Tot Ion: 88 Resp: 258
Ion Ratio Lower Upper
88 100
43 83.3 30.9 46.3#
58 64.0 58.9 88.3



#50
Toluene-d8
Concen: 45.65 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049490.D
Acq: 22 Jun 2018 14:40

Tgt Ion: 98 Resp: 2381669
Ion Ratio Lower Upper
98 100
100 63.2 49.8 74.8

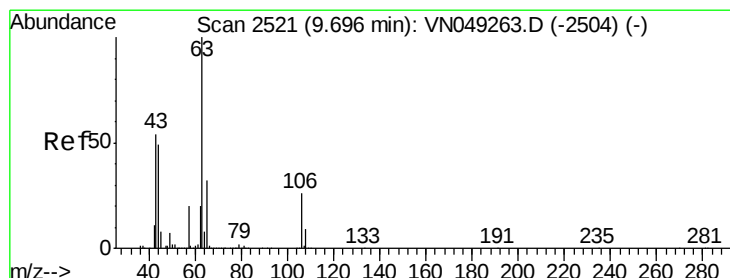
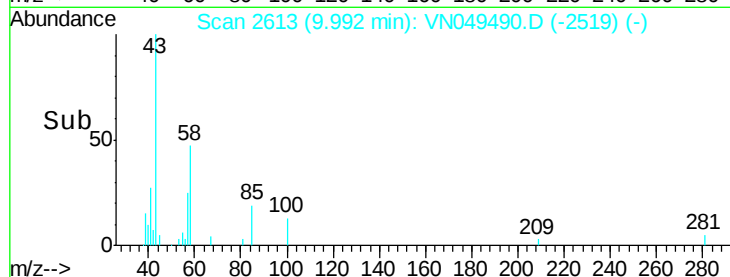
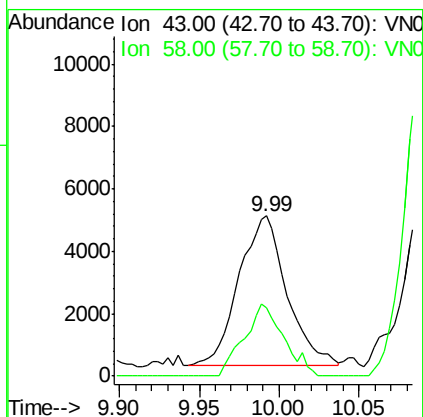
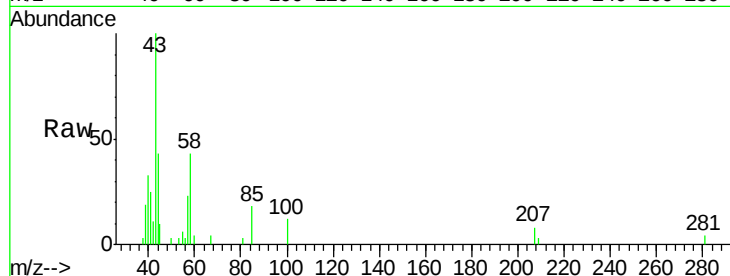




#51
4-Methyl-2-Pentanone
Concen: 0.93 ug/l
RT: 9.99 min Scan# 2613
Delta R.T. 0.00 min
Lab File: VN049490.D
Acq: 22 Jun 2018 14:40

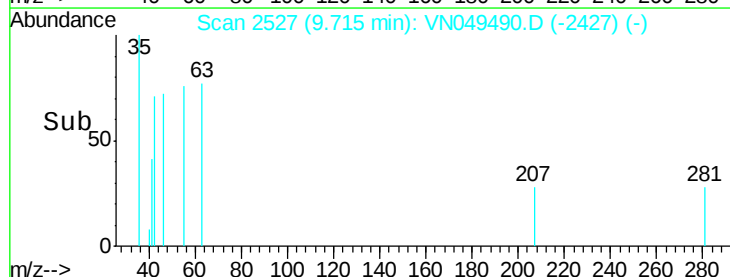
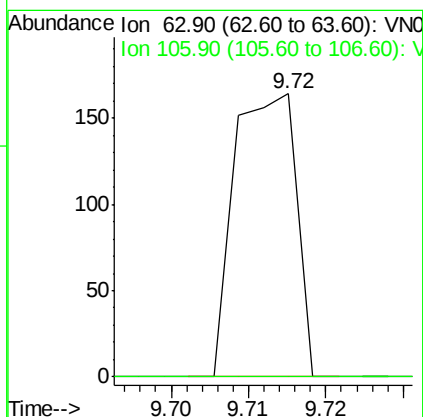
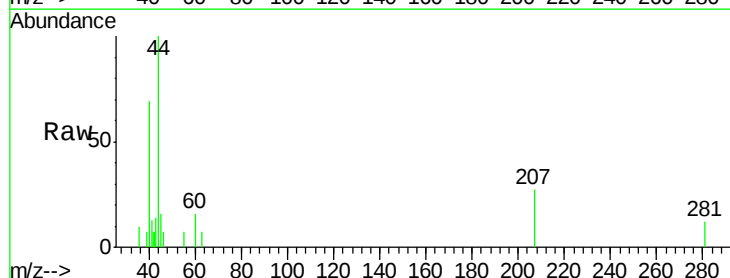
Instrument :
MSVOA_N
ClientSampled :

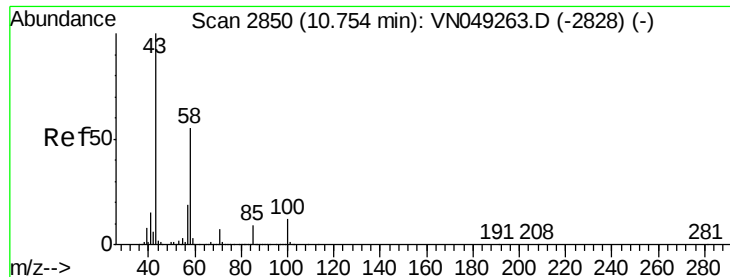
Tot Ion: 43 Resp: 9869
Ion Ratio Lower Upper
43 100
58 39.8 29.0 43.6



#58
2-Chloroethyl Vinyl ether
Concen: 14.34 ug/l
RT: 9.72 min Scan# 2527
Delta R.T. 0.02 min
Lab File: VN049490.D
Acq: 22 Jun 2018 14:40

Tgt Ion: 63 Resp: 91
Ion Ratio Lower Upper
63 100
106 0.0 19.4 29.2#





#59

2-Hexanone

Concen: 1.41 ug/l

RT: 10.76 min Scan# 2853

Delta R.T. 0.01 min

Lab File: VN049490.D

Acq: 22 Jun 2018 14:40

Instrument :

MSVOA_N

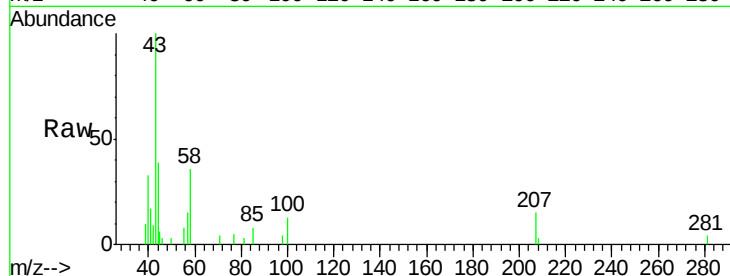
ClientSampled :

Tot Ion: 43 Resp: 9603

Ion Ratio Lower Upper

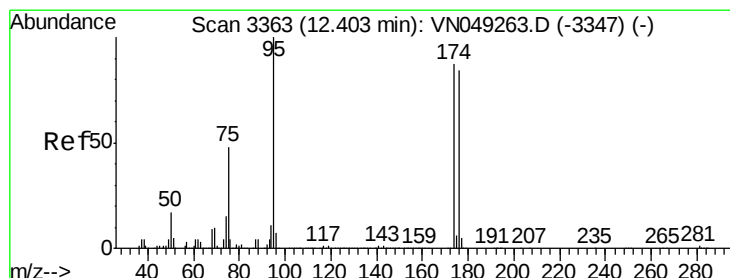
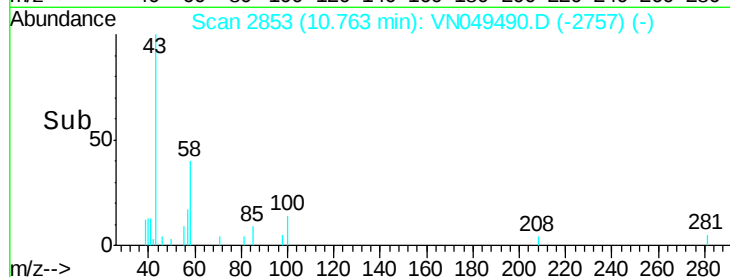
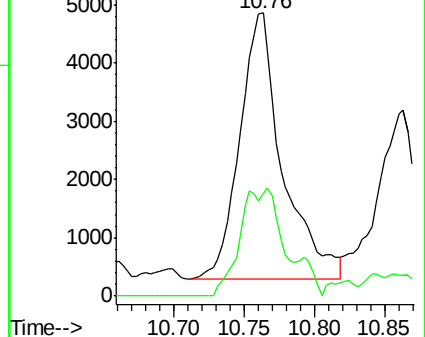
43 100

58 19.7 25.2 75.6#



Abundance Ion 43.00 (42.70 to 43.70): VN049263.D (-2828) (-)

Ion 58.00 (57.70 to 58.70): VN049263.D (-2828) (-)



#62

4-Bromofluorobenzene

Concen: 34.40 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049490.D

Acq: 22 Jun 2018 14:40

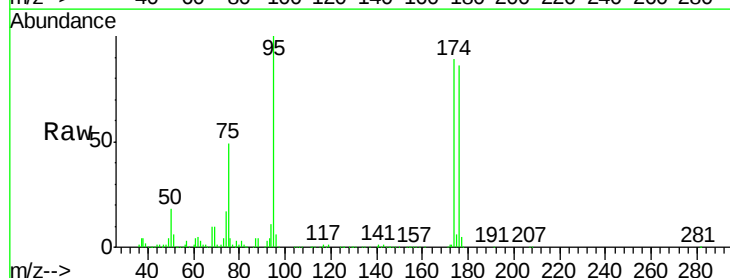
Tgt Ion: 95 Resp: 593346

Ion Ratio Lower Upper

95 100

174 89.6 0.0 165.6

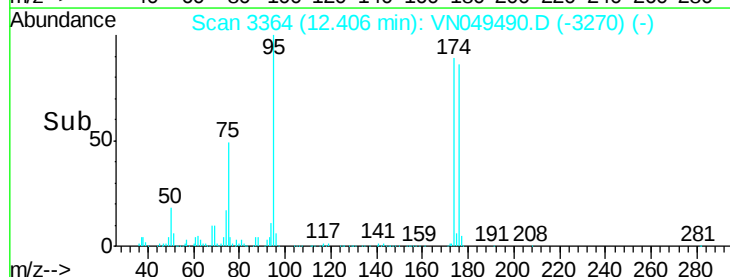
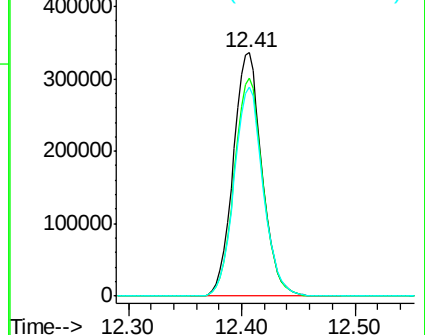
176 86.4 0.0 157.4

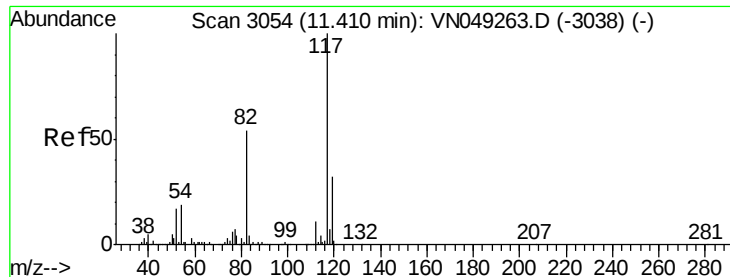


Abundance Ion 94.90 (94.60 to 95.60): VN049263.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN049263.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN049263.D (-3347) (-)





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049490.D

Acq: 22 Jun 2018 14:40

Instrument :

MSVOA_N

ClientSampleId :

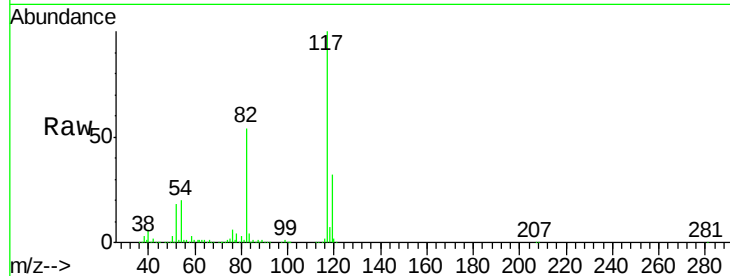
Tot Ion:117 Resp: 1419731

Ion Ratio Lower Upper

117 100

82 54.0 45.9 68.9

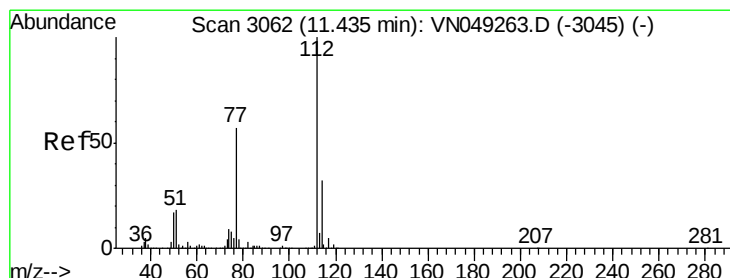
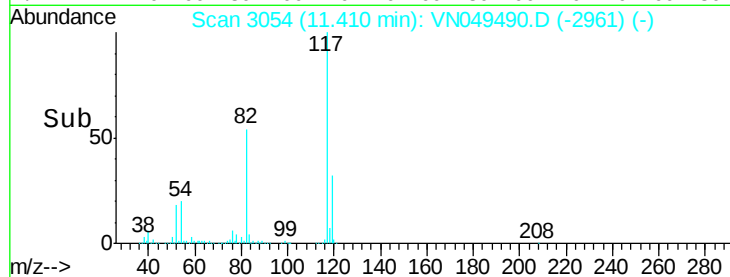
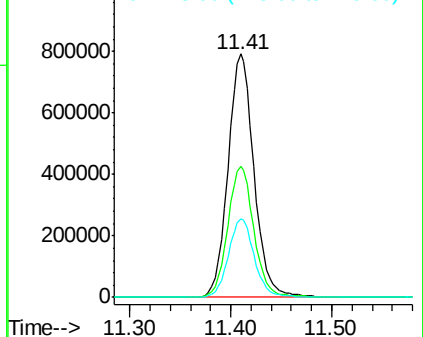
119 32.4 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#65

Chlorobenzene

Concen: 0.22 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049490.D

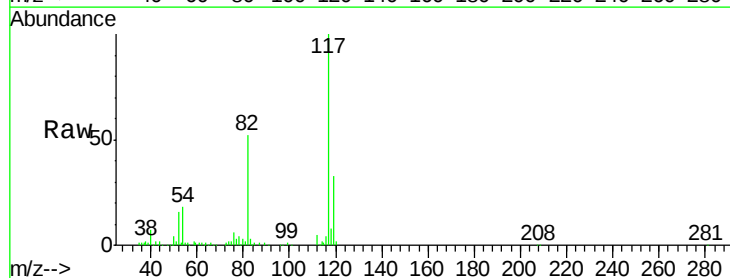
Acq: 22 Jun 2018 14:40

Tgt Ion:112 Resp: 8167

Ion Ratio Lower Upper

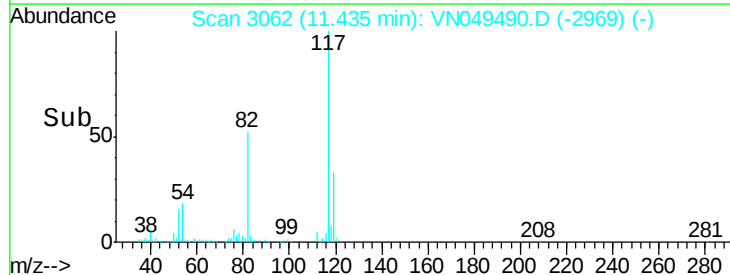
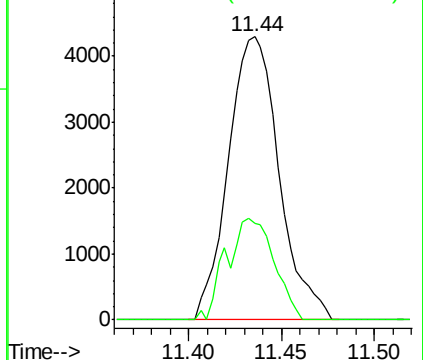
112 100

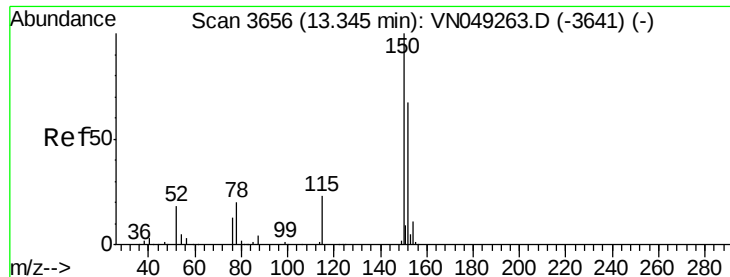
114 34.2 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049490.D

Acq: 22 Jun 2018 14:40

Instrument :

MSVOA_N

ClientSampled :

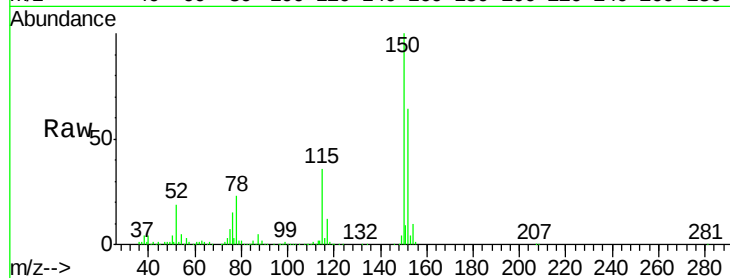
Tot Ion:152 Resp: 403475

Ion Ratio Lower Upper

152 100

115 56.5 28.7 86.1

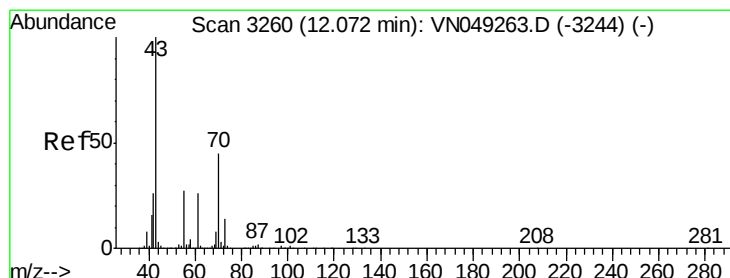
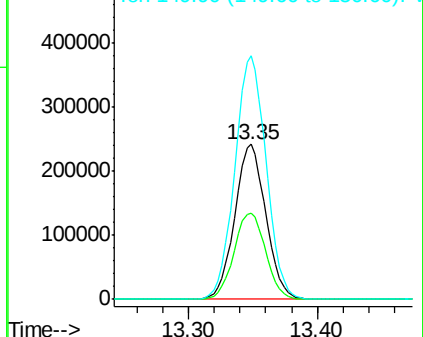
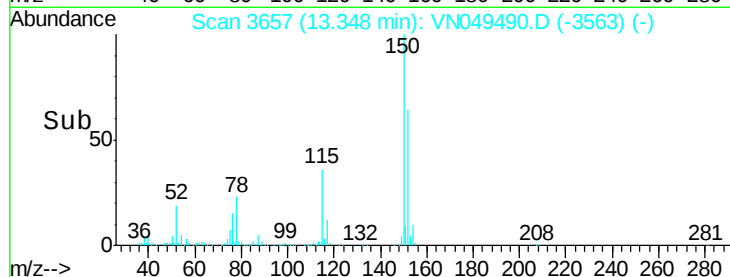
150 158.2 0.0 351.0



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



#74

N-ethyl acetate

Concen: 0.51 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. -0.03 min

Lab File: VN049490.D

Acq: 22 Jun 2018 14:40

Tgt Ion: 43 Resp: 4413

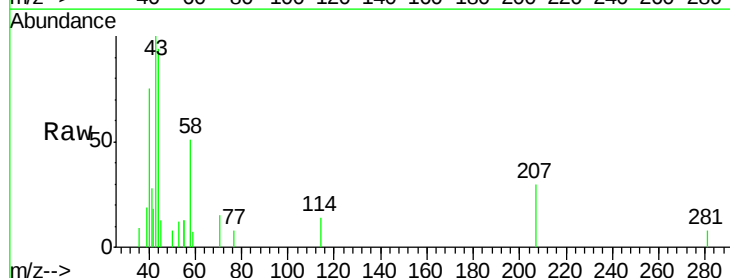
Ion Ratio Lower Upper

43 100

70 0.0 30.3 45.5#

55 7.2 19.4 29.2#

61 0.0 17.8 26.6#

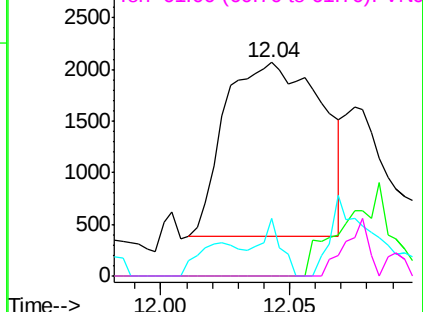
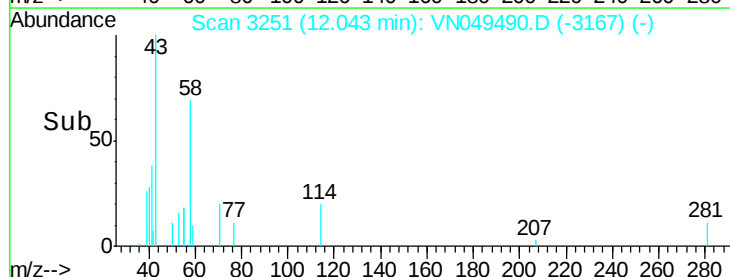


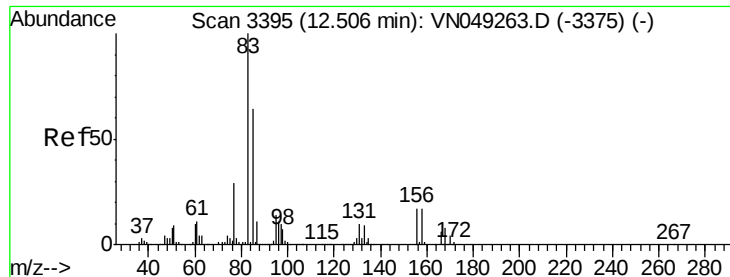
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.50 min Scan# 3393

Delta R.T. -0.01 min

Lab File: VN049490.D

Acq: 22 Jun 2018 14:40

Instrument :

MSVOA_N

ClientSampleId :

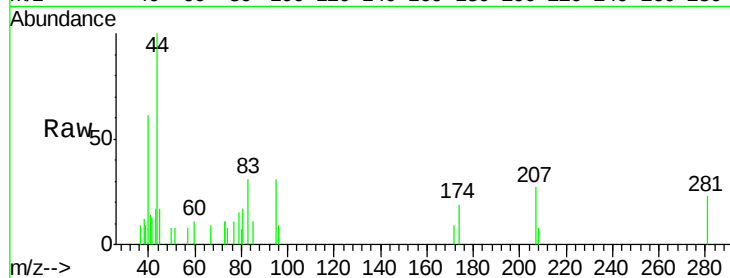
Tot Ion: 83 Resp: 916

Ion Ratio Lower Upper

83 100

131 3.4 5.0 15.0#

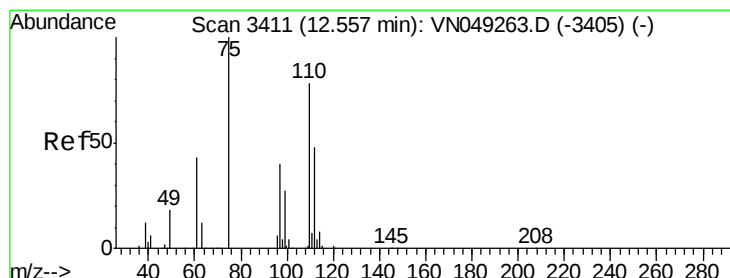
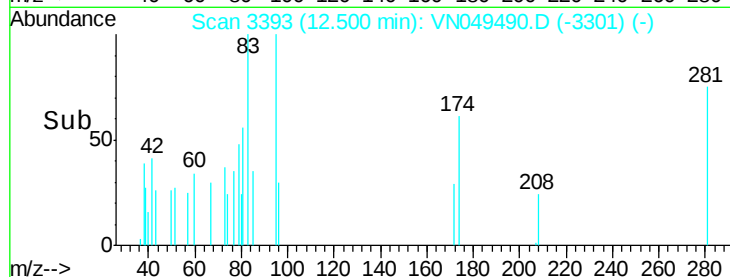
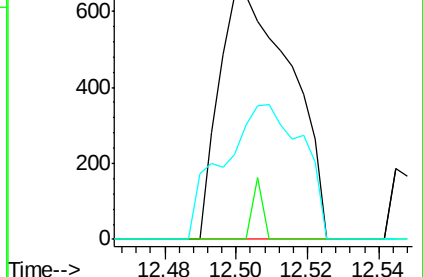
85 59.8 32.0 96.0



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: 42.33 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. -0.15 min

Lab File: VN049490.D

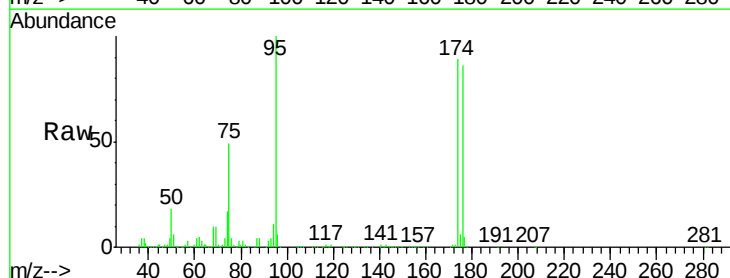
Acq: 22 Jun 2018 14:40

Tgt Ion: 75 Resp: 291402

Ion Ratio Lower Upper

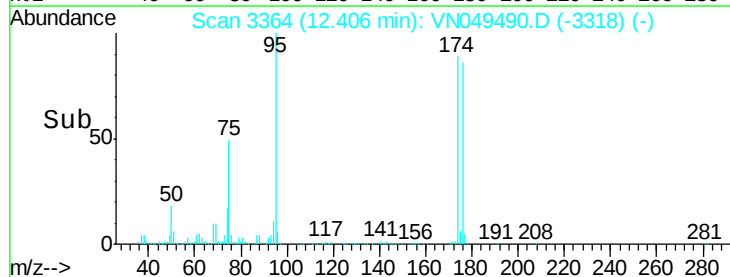
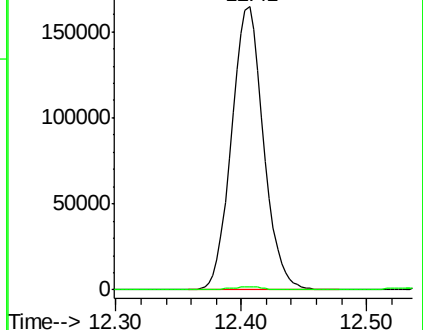
75 100

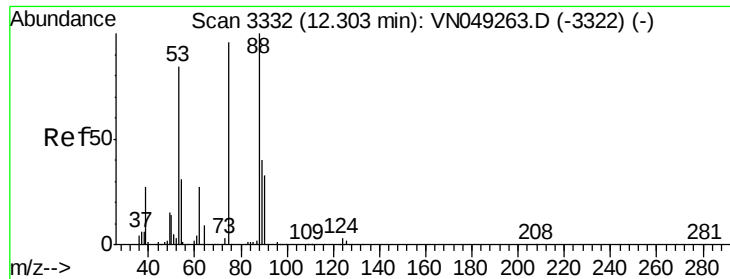
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#81

trans-1,4-Dichloro-2-butene

Concen: 133.78 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.10 min

Lab File: VN049490.D

Acq: 22 Jun 2018 14:40

Instrument :

MSVOA_N

ClientSampleId :

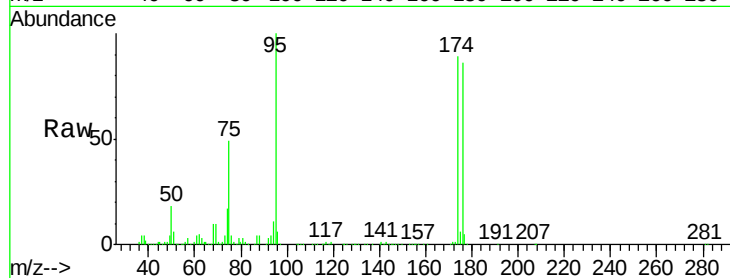
Tot Ion: 75 Resp: 291402

Ion Ratio Lower Upper

75 100

53 0.1 82.7 124.1#

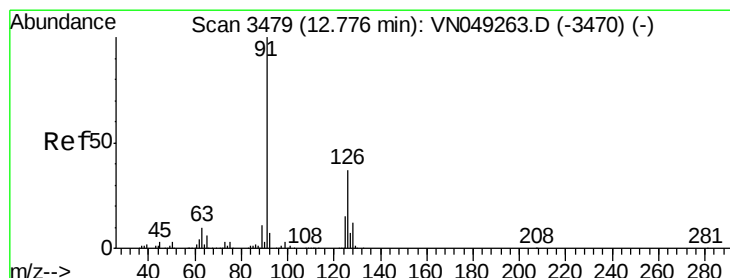
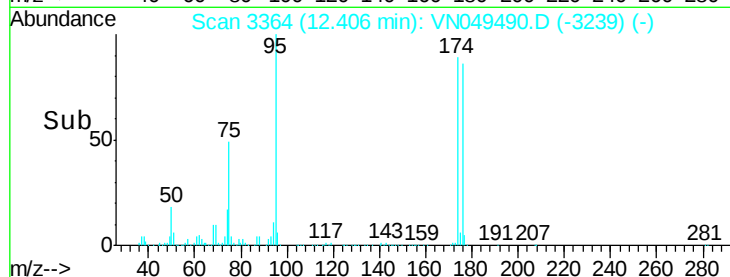
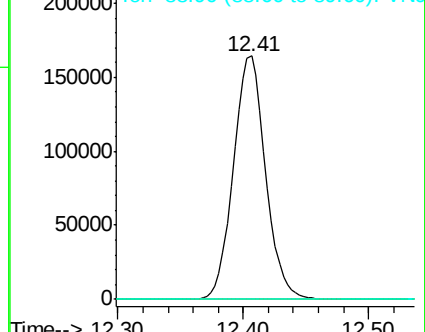
89 0.0 36.5 54.7#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 0.22 ug/l

RT: 12.78 min Scan# 3480

Delta R.T. 0.00 min

Lab File: VN049490.D

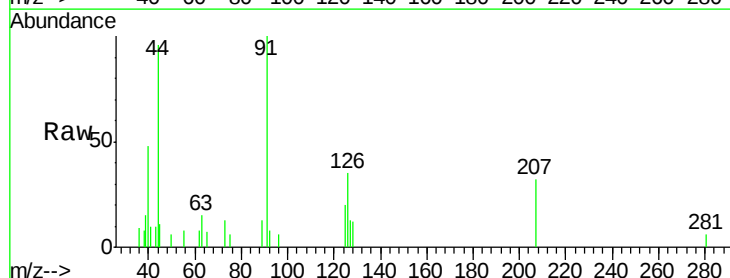
Acq: 22 Jun 2018 14:40

Tgt Ion: 91 Resp: 5164

Ion Ratio Lower Upper

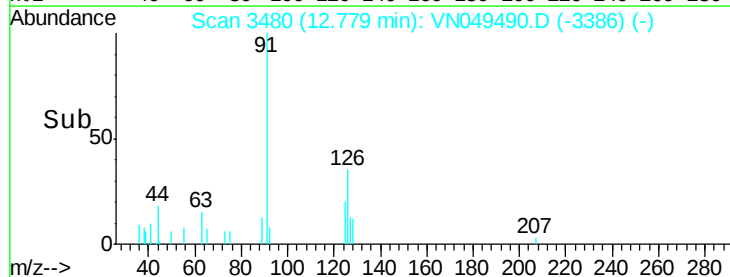
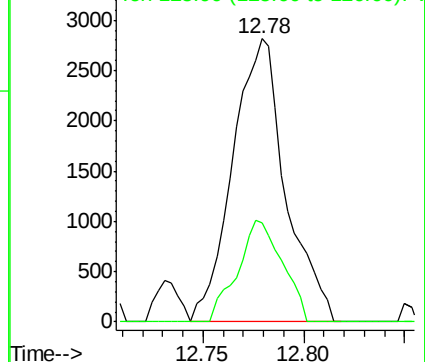
91 100

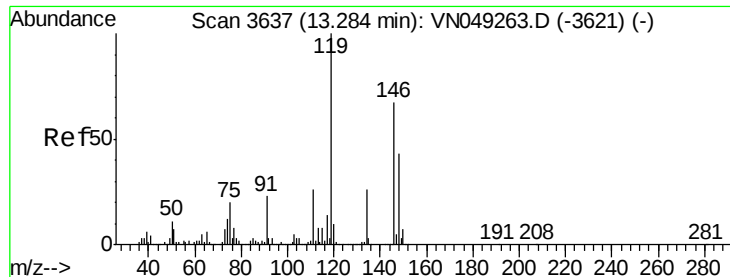
126 30.5 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

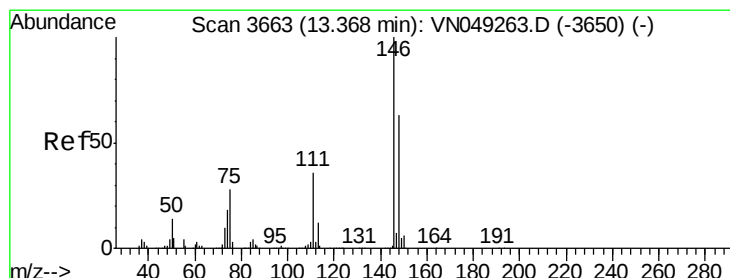
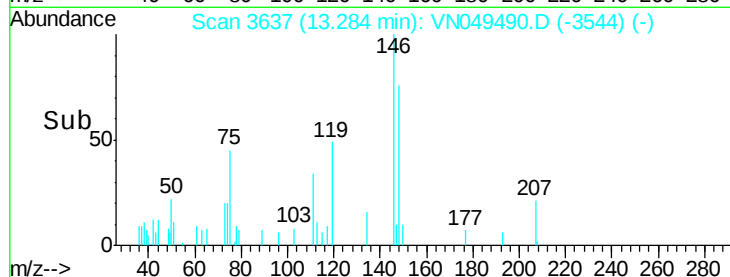
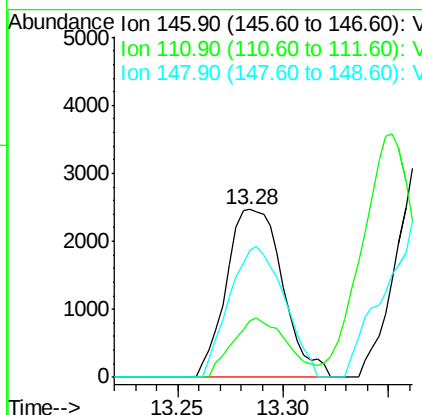
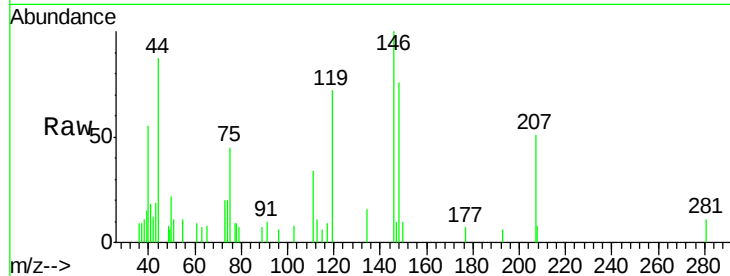




#87
 1,3-Dichlorobenzene
 Concen: 0.30 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN049490.D
 Acq: 22 Jun 2018 14:40

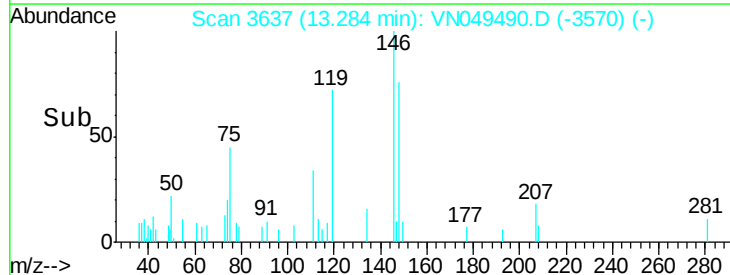
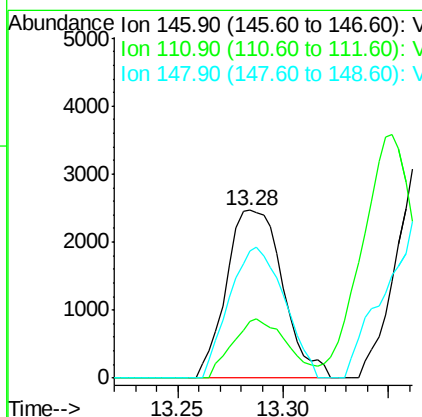
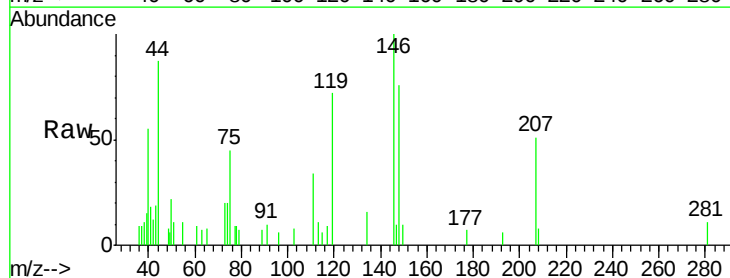
Instrument :
 MSVOA_N
 ClientSampled :

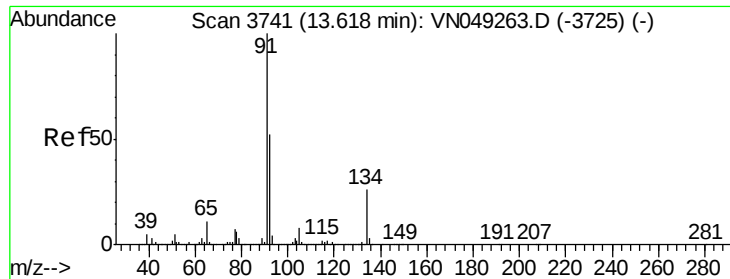
Tot Ion:146 Resp: 4599
 Ion Ratio Lower Upper
 146 100
 111 34.4 19.9 59.6
 148 76.2 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 0.30 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. -0.08 min
 Lab File: VN049490.D
 Acq: 22 Jun 2018 14:40

Tgt Ion:146 Resp: 4599
 Ion Ratio Lower Upper
 146 100
 111 34.4 19.1 57.1
 148 76.2 32.0 96.2





#89

n-Butylbenzene

Concen: 0.28 ug/l

RT: 13.62 min Scan# 3741

Delta R.T. 0.00 min

Lab File: VN049490.D

Acq: 22 Jun 2018 14:40

Instrument :

MSVOA_N

ClientSampleId :

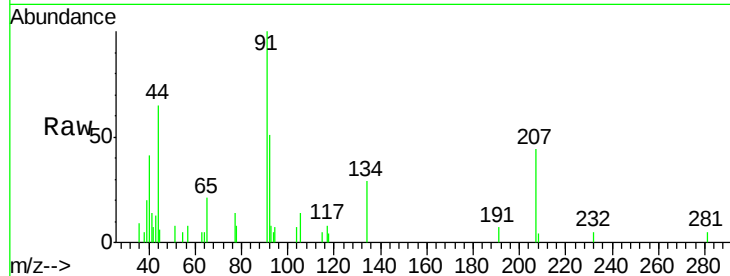
Tot Ion: 91 Resp: 5966

Ion Ratio Lower Upper

91 100

92 49.8 25.1 75.4

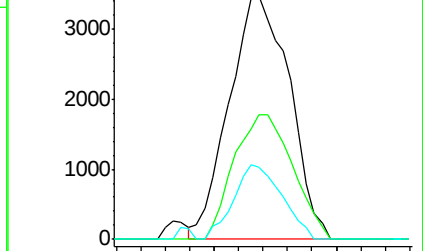
134 24.4 12.0 36.0



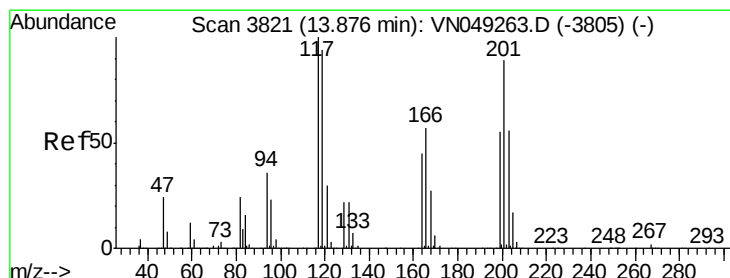
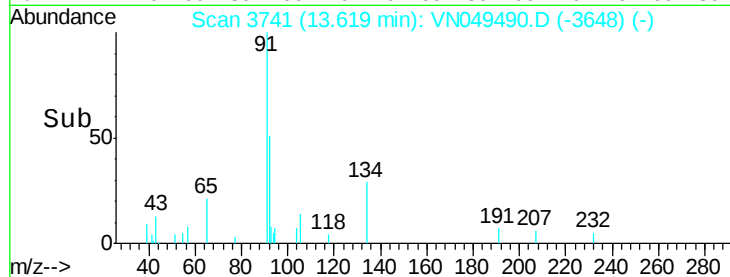
Abundance Ion 91.00 (90.70 to 91.70): VN049490.D (-3725) (-)

Ion 92.00 (91.70 to 92.70): VN049490.D (-3725) (-)

Ion 134.00 (133.70 to 134.70): VN049490.D (-3725) (-)



Time-->



#90

Hexachloroethane

Concen: Below Cal

RT: 13.88 min Scan# 3822

Delta R.T. 0.00 min

Lab File: VN049490.D

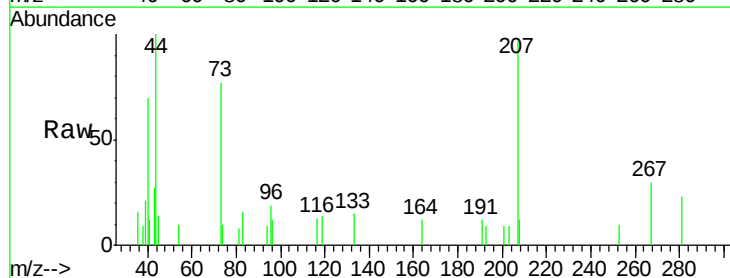
Acq: 22 Jun 2018 14:40

Tgt Ion: 117 Resp: 220

Ion Ratio Lower Upper

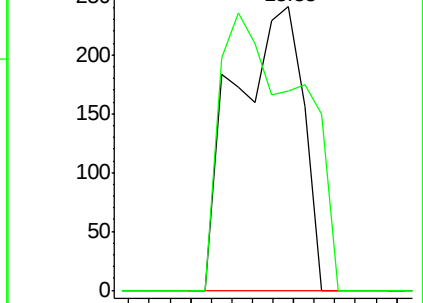
117 100

201 114.5 40.1 120.2

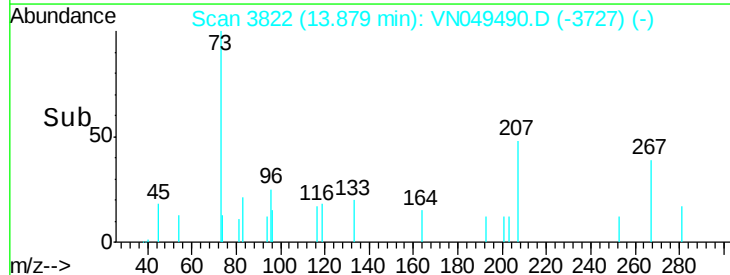


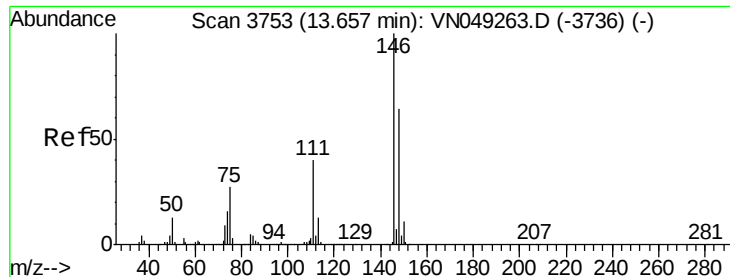
Abundance Ion 116.80 (116.50 to 117.50): VN049490.D (-3805) (-)

Ion 200.70 (200.40 to 201.40): VN049490.D (-3805) (-)



Time-->

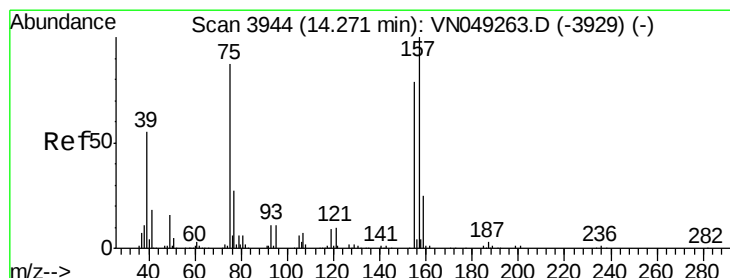
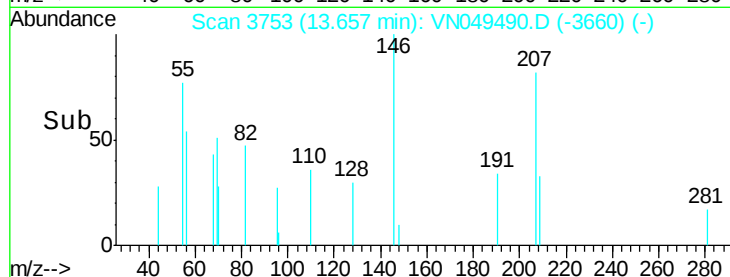
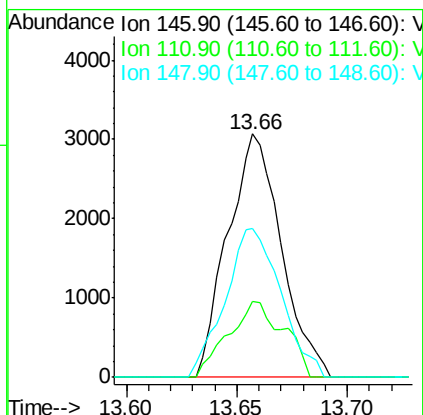
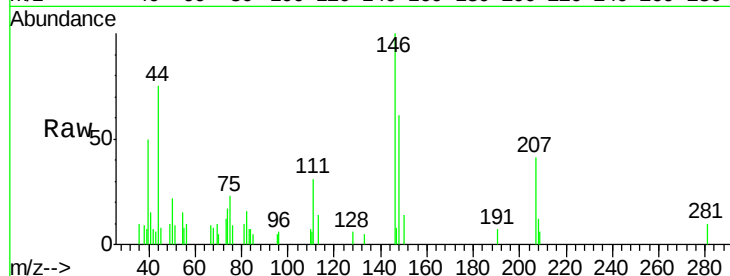




#91
 1,2-Dichlorobenzene
 Concen: 0.34 ug/l
 RT: 13.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VN049490.D
 Acq: 22 Jun 2018 14:40

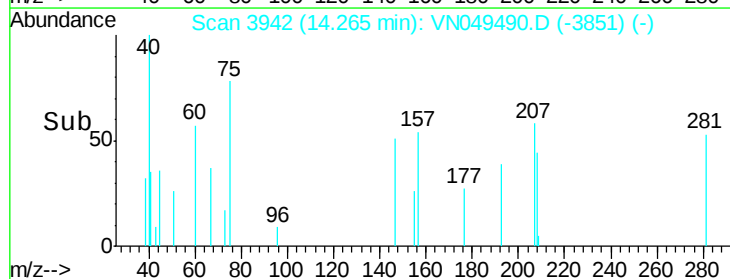
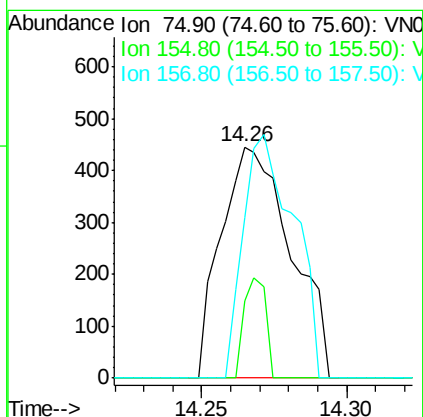
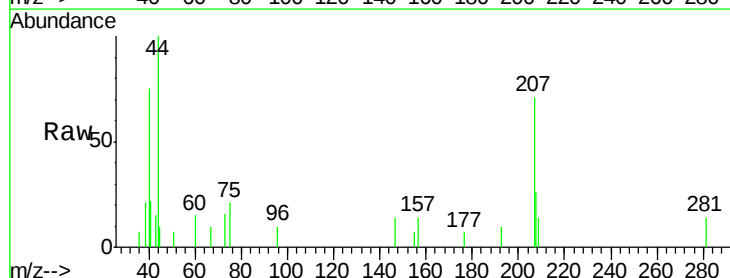
Instrument :
 MSVOA_N
 ClientSampled :

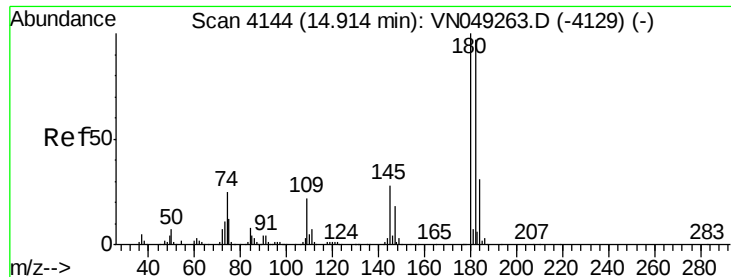
Tot Ion:146 Resp: 5171
 Ion Ratio Lower Upper
 146 100
 111 32.0 20.8 62.2
 148 63.5 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.61 ug/l
 RT: 14.26 min Scan# 3942
 Delta R.T. -0.01 min
 Lab File: VN049490.D
 Acq: 22 Jun 2018 14:40

Tgt Ion: 75 Resp: 747
 Ion Ratio Lower Upper
 75 100
 155 13.4 38.8 116.3#
 157 76.0 51.0 153.1

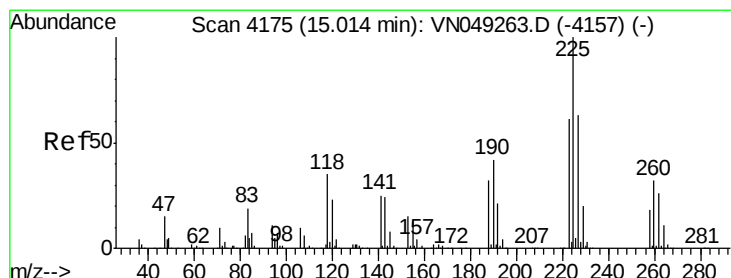
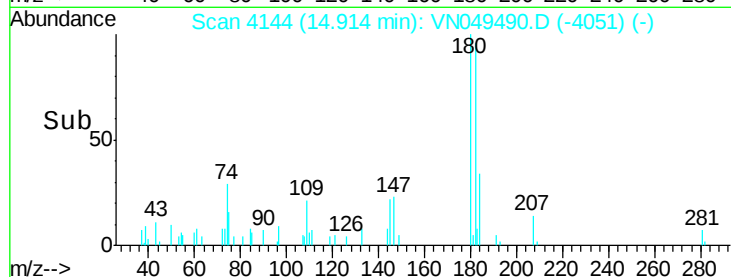
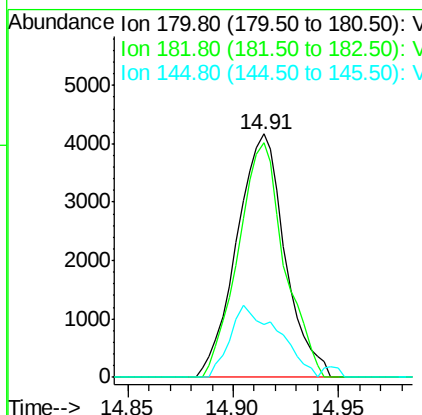
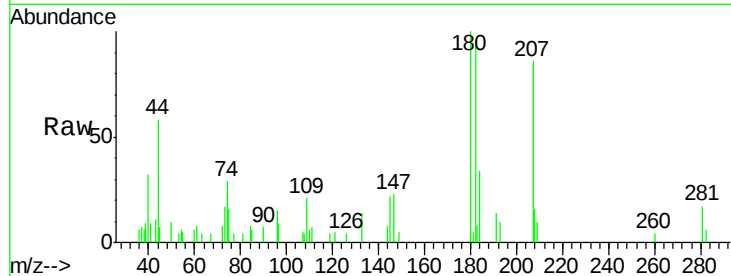




#93
 1,2,4-Trichlorobenzene
 Concen: 5.61 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN049490.D
 Acq: 22 Jun 2018 14:40

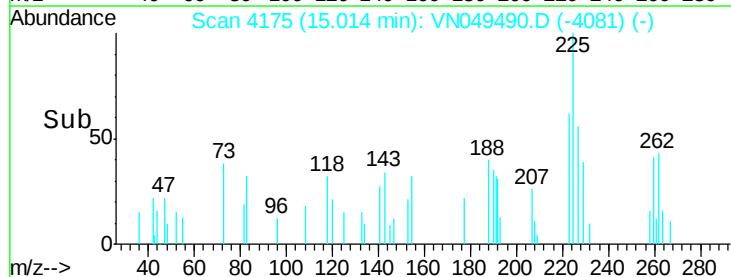
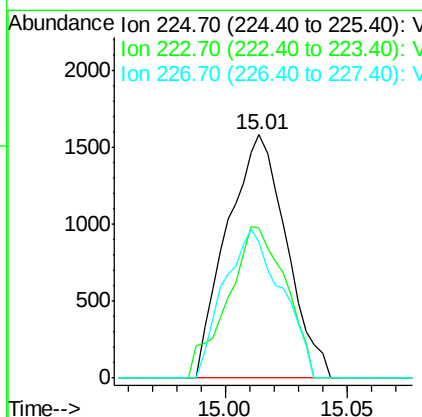
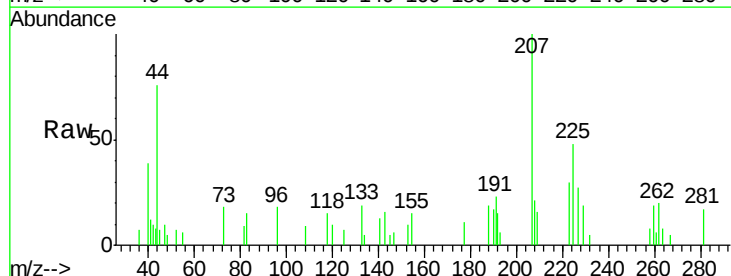
Instrument :
 MSVOA_N
 ClientSampled :

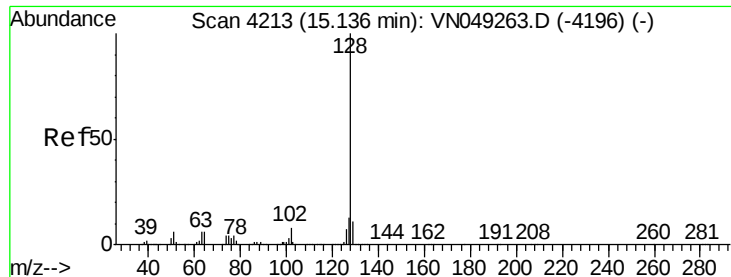
Tot Ion:180 Resp: 6641
 Ion Ratio Lower Upper
 180 100
 182 92.0 46.9 140.8
 145 29.7 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049490.D
 Acq: 22 Jun 2018 14:40

Tgt Ion:225 Resp: 2670
 Ion Ratio Lower Upper
 225 100
 223 61.0 32.1 96.3
 227 59.5 31.8 95.3





#95

Naphthalene

Concen: 3.45 ug/l

RT: 15.14 min Scan# 4214

Delta R.T. 0.00 min

Lab File: VN049490.D

Acq: 22 Jun 2018 14:40

Instrument :

MSVOA_N

ClientSampled :

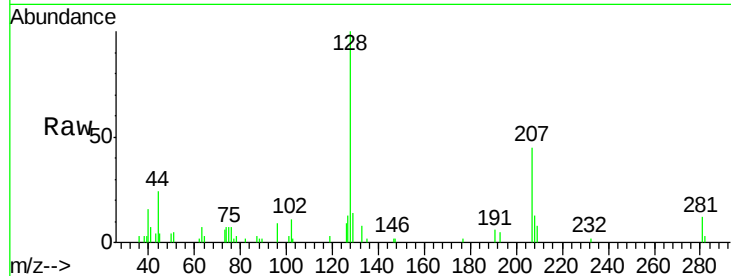
Tot Ion:128 Resp: 15402

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

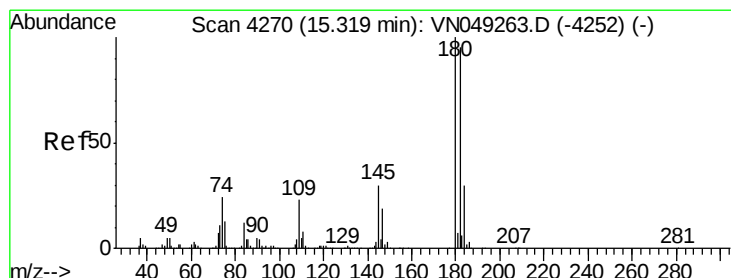
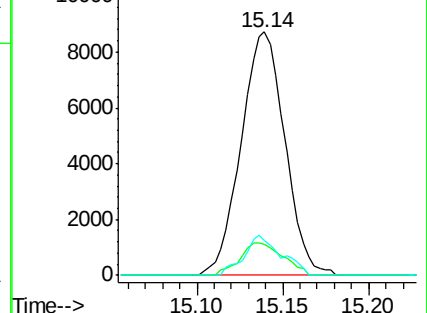
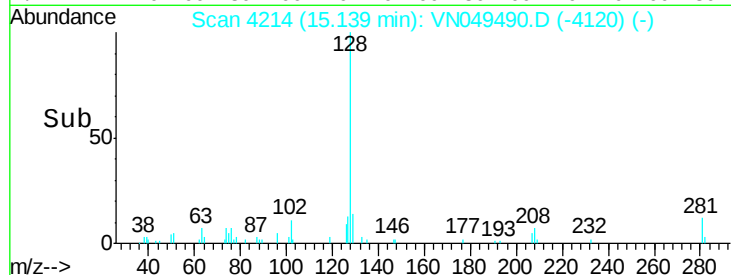
129 13.7 8.5 12.7#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 4.58 ug/l

RT: 15.32 min Scan# 4270

Delta R.T. 0.00 min

Lab File: VN049490.D

Acq: 22 Jun 2018 14:40

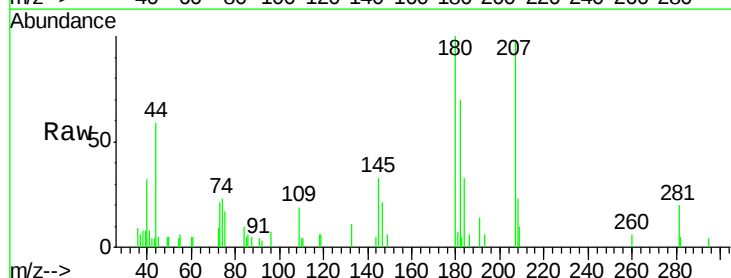
Tgt Ion:180 Resp: 8127

Ion Ratio Lower Upper

180 100

182 91.7 47.3 141.8

145 35.6 15.6 46.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

