

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062618\
 Data File : VN049554.D
 Acq On : 26 Jun 2018 15:57
 Operator : MD\SY
 Sample : J3677-13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 27 01:03:45 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	1325010	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2049101	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1697721	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	717580	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	835337	47.53	ug/l	0.00
Spiked Amount			Recovery	=	95.06%	
35) Dibromofluoromethane	7.59	113	748692	45.16	ug/l	0.00
Spiked Amount			Recovery	=	90.32%	
50) Toluene-d8	10.09	98	2770739	43.89	ug/l	0.00
Spiked Amount			Recovery	=	87.78%	
62) 4-Bromofluorobenzene	12.40	95	833397	39.93	ug/l	0.00
Spiked Amount			Recovery	=	79.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	4004	0.20	ug/l	90
11) Tert butyl alcohol	4.79	59	6024	5.84	ug/l #	94
13) Acrolein	3.61	56	3910	3.61	ug/l #	29
14) Allyl chloride	4.55	41	1102597	45.96	ug/l #	20
15) Acrylonitrile	4.99	53	1197	0.23	ug/l #	32
16) Acetone	3.82	43	193155	45.27	ug/l	90
17) Carbon Disulfide	4.05	76	24998	0.52	ug/l	98
18) Methyl Acetate	4.33	43	307926	23.67	ug/l	94
25) 2-Butanone	6.84	43	21818	3.81	ug/l	95
29) Tetrahydrofuran	7.22	42	1724	0.47	ug/l #	73
31) Cyclohexane	7.67	56	24151	0.76	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	86186	3.67	ug/l #	51
37) Ethyl Acetate	6.84	43	21818	1.71	ug/l #	72
38) Carbon Tetrachloride	7.67	117	117999	4.85	ug/l #	16
43) Isopropyl Acetate	8.29	43	1293050	53.01	ug/l #	64
49) 1,4-Dioxane	9.21	88	643	4.06	ug/l #	31
51) 4-Methyl-2-Pentanone	9.99	43	13932	1.09	ug/l	91
58) 2-Chloroethyl Vinyl ether	9.70	63	221	14.36	ug/l #	51
59) 2-Hexanone	10.76	43	6690	0.81	ug/l	93
65) Chlorobenzene	11.44	112	12073	0.28	ug/l	96
68) m/p-Xylenes	11.62	106	10363	0.38	ug/l	96
71) Bromoform	12.40	173	4477	0.42	ug/l #	1
74) N-ethyl acetate	12.04	43	10329	0.67	ug/l #	50
75) 1,1,2,2-Tetrachloroethane	12.50	83	1679	Below	Cal #	87
76) 1,2,3-Trichloropropane	12.40	75	407856	33.31	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	11113	0.22	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	407856	105.28	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.04	105	25855	0.53	ug/l	90
87) 1,3-Dichlorobenzene	13.28	146	6420	0.23	ug/l	97
88) 1,4-Dichlorobenzene	13.28	146	6420	0.24	ug/l	97
89) n-Butylbenzene	13.62	91	8899	0.23	ug/l #	80
90) Hexachloroethane	13.90	117	1042	Below	Cal #	9
91) 1,2-Dichlorobenzene	13.65	146	6816	0.25	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	1325	0.60	ug/l #	36

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QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration

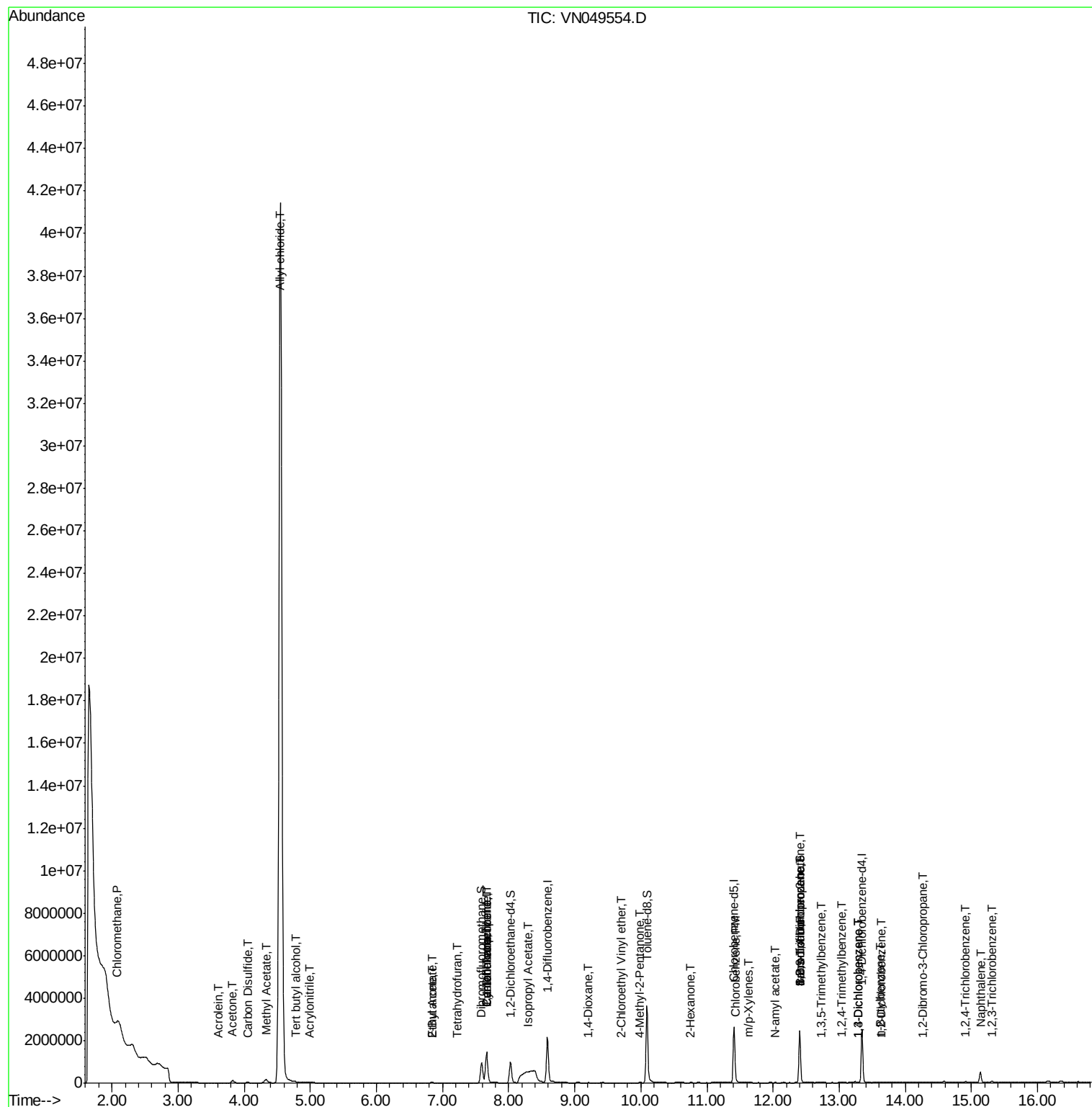
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	8601	5.38	ug/l	90
94) Hexachlorobutadiene	15.01	225	3783	Below Cal		91
95) Naphthalene	15.14	128	434698	22.67	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	8137	4.09	ug/l	87

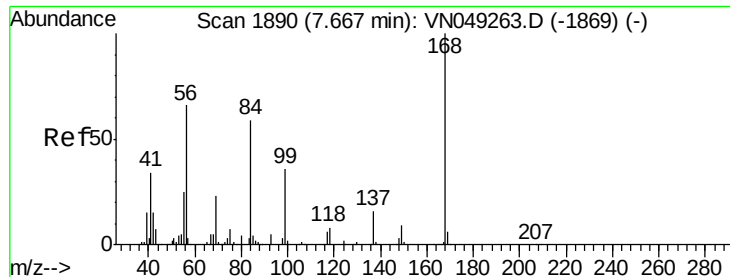
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062618\
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Instrument :
MSVOA_N
ClientSampled :

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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: VN049554.D

Acq: 26 Jun 2018 15:57

Instrument :

MSVOA_N

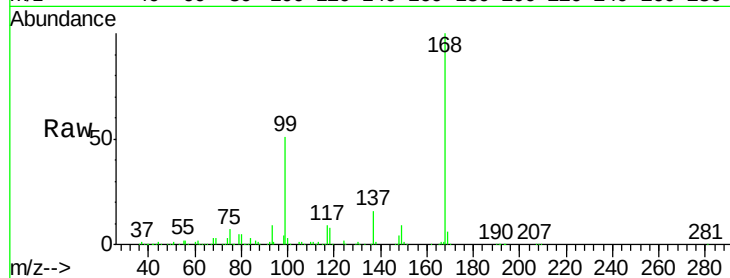
ClientSampleId :

Tot Ion:168 Resp: 1325010

Ion Ratio Lower Upper

168 100

99 51.1 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

600000

500000

400000

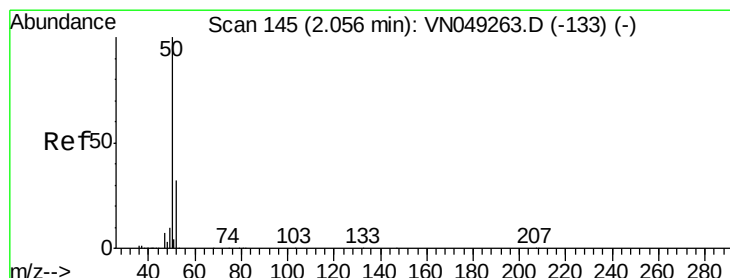
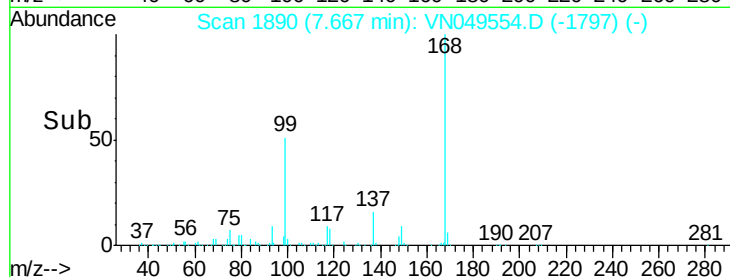
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#3

Chloromethane

Concen: 0.20 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN049554.D

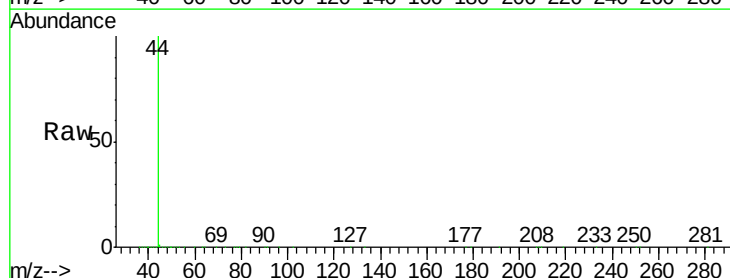
Acq: 26 Jun 2018 15:57

Tgt Ion: 50 Resp: 4004

Ion Ratio Lower Upper

50 100

52 26.1 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.06

2500

2000

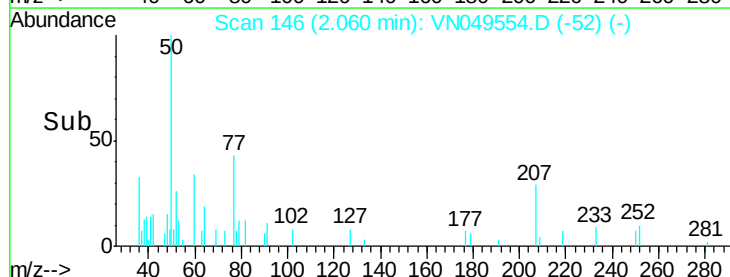
1500

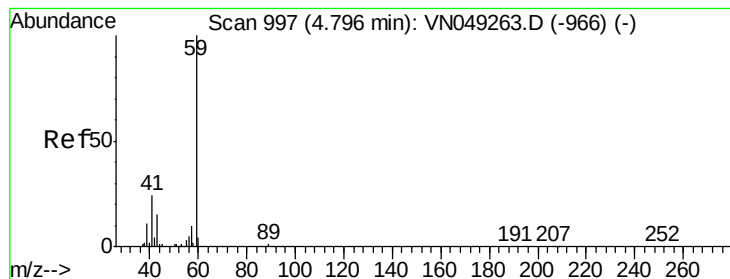
1000

500

0

Time--> 2.00 2.05 2.10





#11

Tert butyl alcohol

Concen: 5.84 ug/l

RT: 4.79 min Scan# 994

Delta R.T. -0.01 min

Lab File: VN049554.D

Acq: 26 Jun 2018 15:57

Instrument :

MSVOA_N

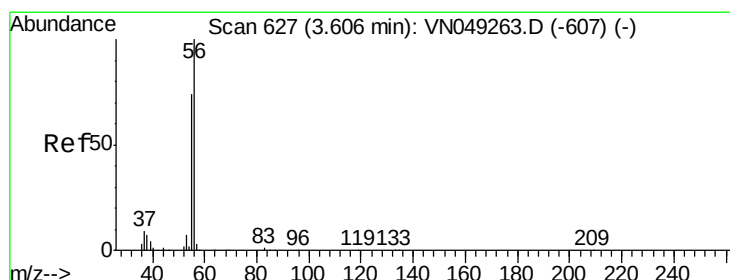
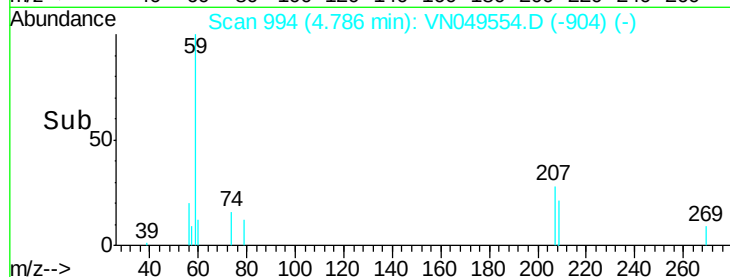
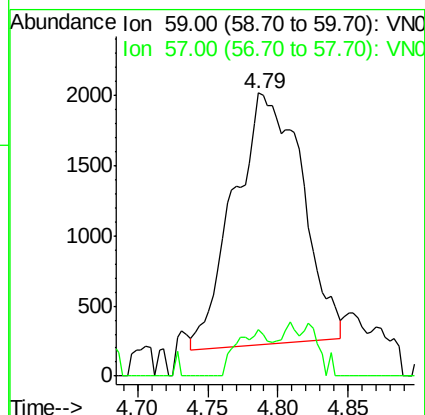
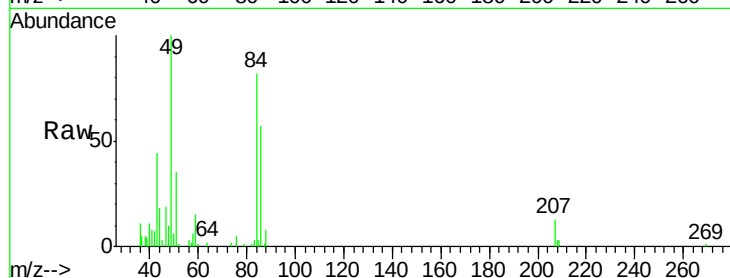
ClientSampled :

Tot Ion: 59 Resp: 6024

Ion Ratio Lower Upper

59 100

57 9.0 9.0 13.6#



#13

Acrolein

Concen: 3.61 ug/l

RT: 3.61 min Scan# 629

Delta R.T. 0.01 min

Lab File: VN049554.D

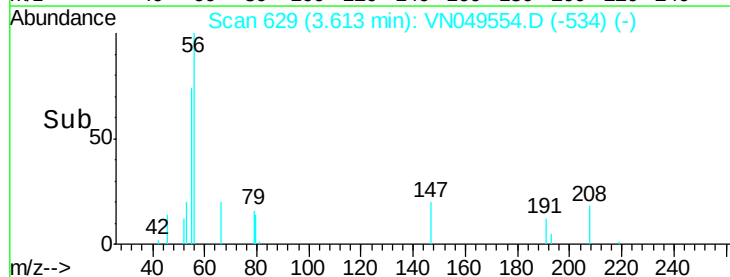
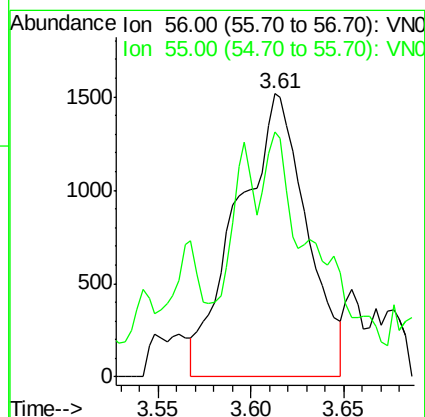
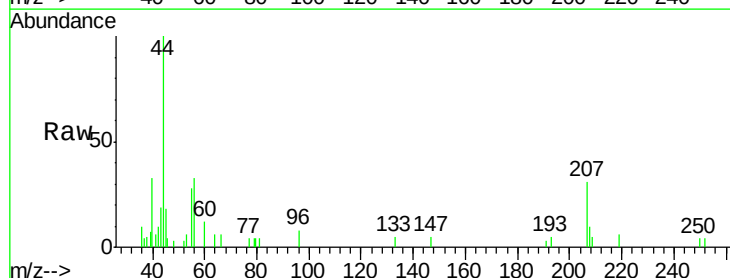
Acq: 26 Jun 2018 15:57

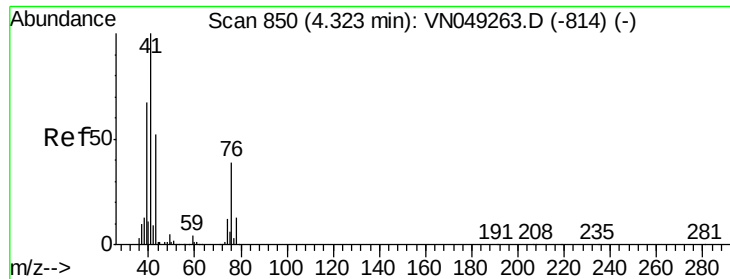
Tgt Ion: 56 Resp: 3910

Ion Ratio Lower Upper

56 100

55 12.5 57.1 85.7#

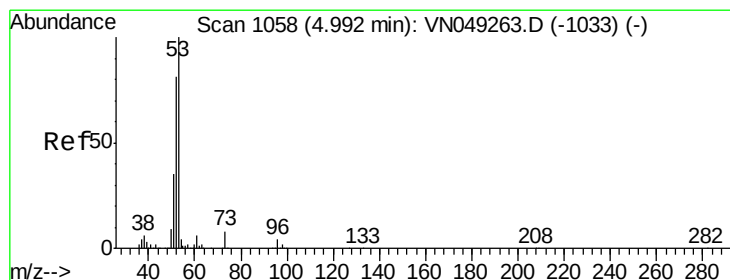
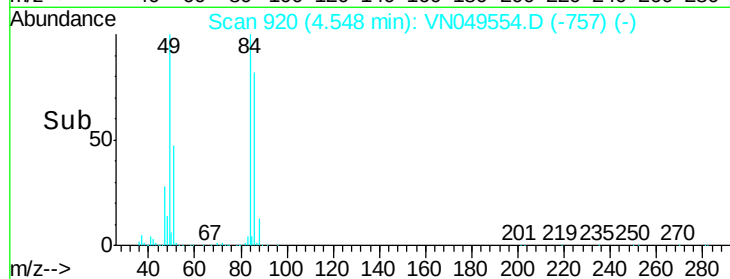
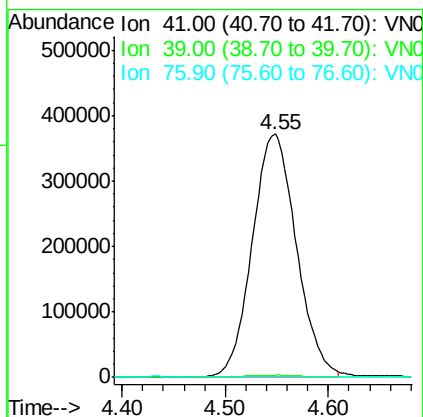
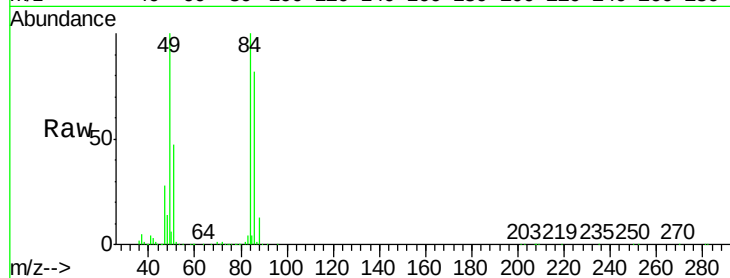




#14
Allvl chloride
Concen: 45.96 ug/l
RT: 4.55 min Scan# 920
Delta R.T. 0.23 min
Lab File: VN049554.D
Acq: 26 Jun 2018 15:57

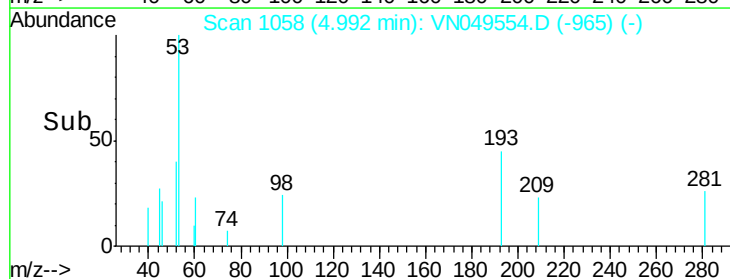
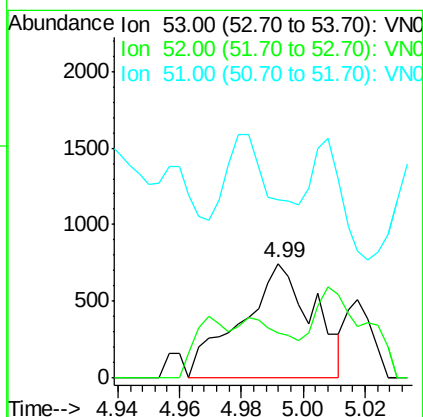
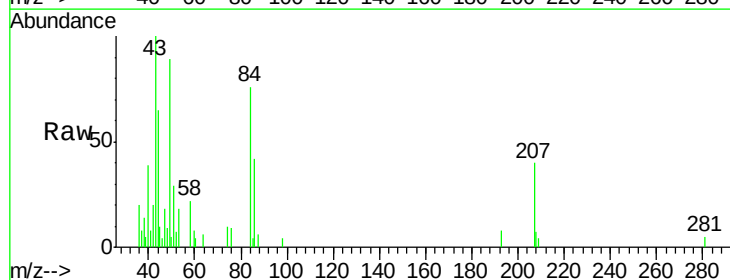
Instrument :
MSVOA_N
ClientSampled :

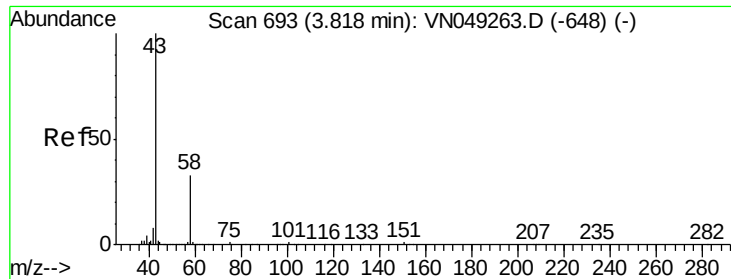
Tot Ion: 41 Resp: 1102597
Ion Ratio Lower Upper
41 100
39 0.9 62.5 93.7#
76 0.0 27.1 40.7#



#15
Acrylonitrile
Concen: 0.23 ug/l
RT: 4.99 min Scan# 1058
Delta R.T. 0.00 min
Lab File: VN049554.D
Acq: 26 Jun 2018 15:57

Tgt Ion: 53 Resp: 1197
Ion Ratio Lower Upper
53 100
52 0.0 66.6 100.0#
51 46.3 29.8 44.8#





#16

Acetone

Concen: 45.27 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049554.D

Acq: 26 Jun 2018 15:57

Instrument :

MSVOA_N

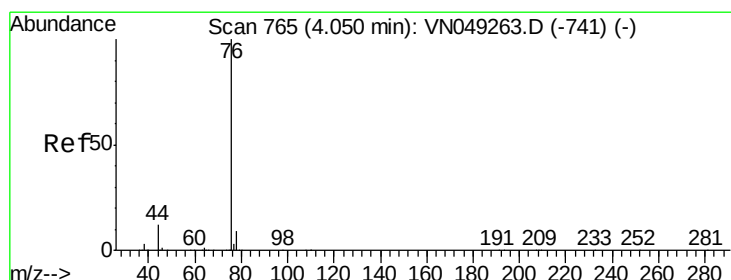
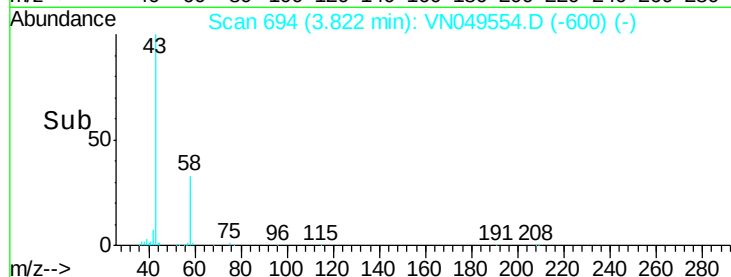
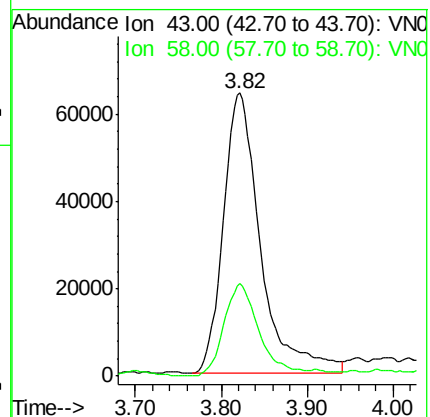
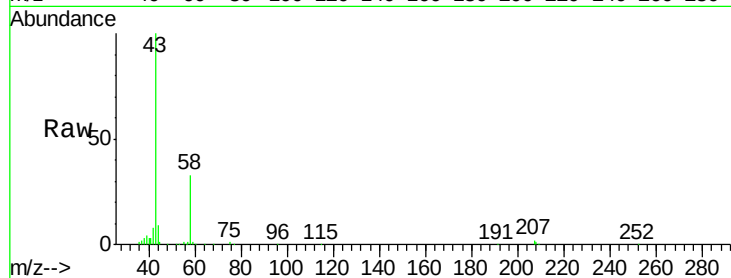
ClientSampleId :

Tot Ion: 43 Resp: 193155

Ion Ratio Lower Upper

43 100

58 33.1 22.4 33.6



#17

Carbon Disulfide

Concen: 0.52 ug/l

RT: 4.05 min Scan# 765

Delta R.T. 0.00 min

Lab File: VN049554.D

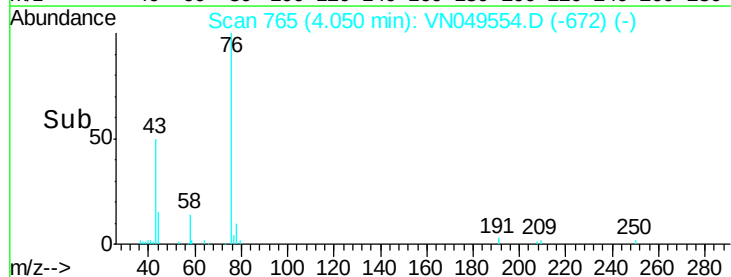
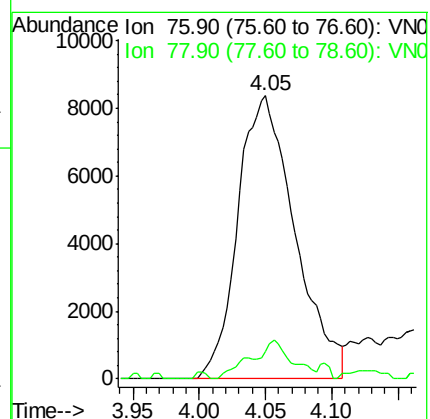
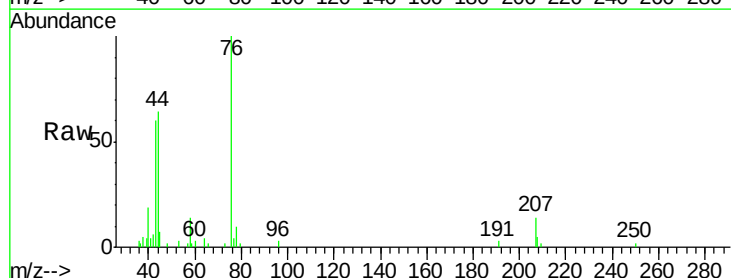
Acq: 26 Jun 2018 15:57

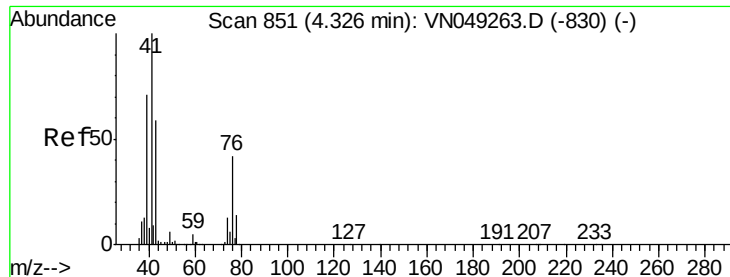
Tgt Ion: 76 Resp: 24998

Ion Ratio Lower Upper

76 100

78 9.9 7.4 11.0

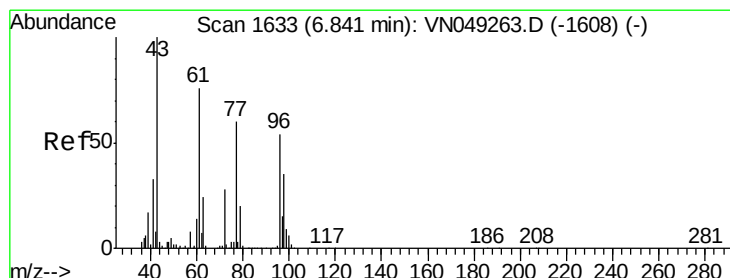
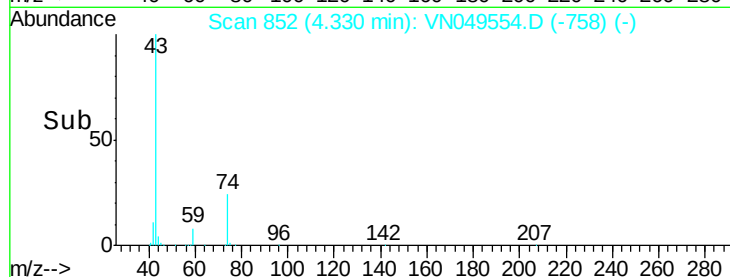
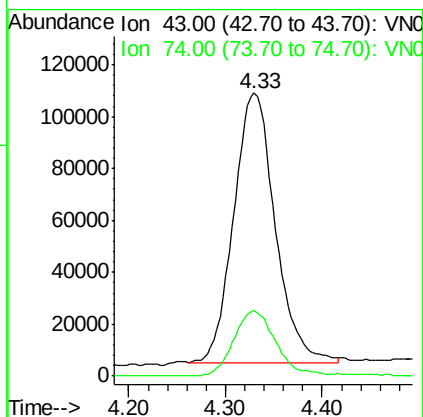
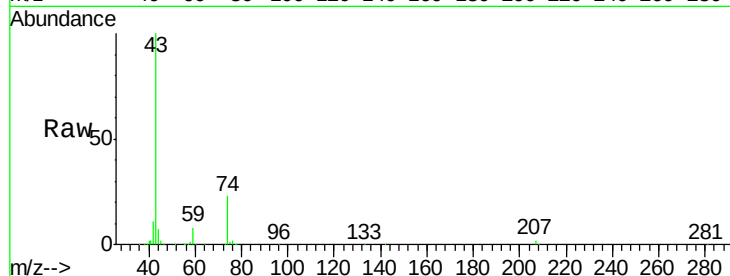




#18
Methvl Acetate
Concen: 23.67 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049554.D
Acq: 26 Jun 2018 15:57

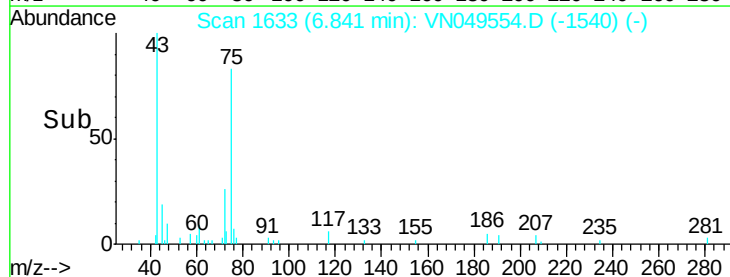
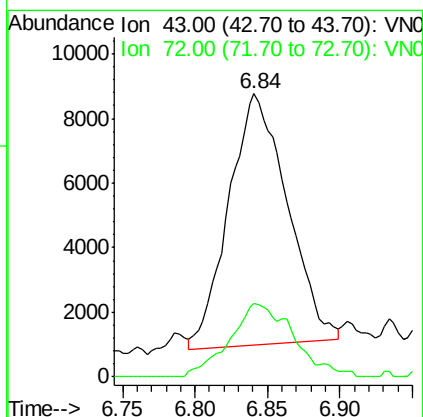
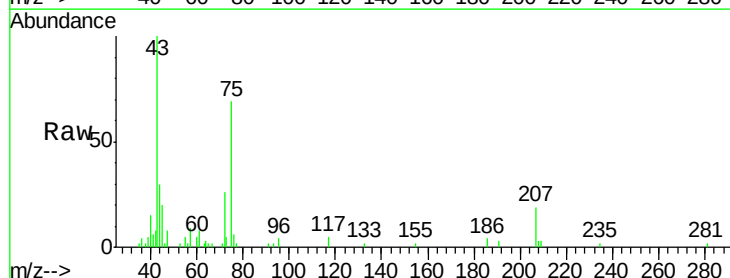
Instrument :
MSVOA_N
ClientSampleId :

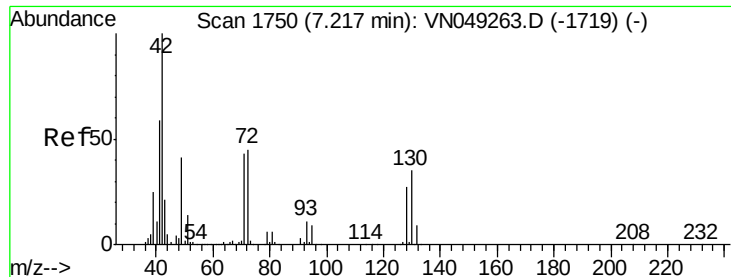
Tot Ion: 43 Resp: 307926
Ion Ratio Lower Upper
43 100
74 24.7 17.4 26.0



#25
2-Butanone
Concen: 3.81 ug/l
RT: 6.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VN049554.D
Acq: 26 Jun 2018 15:57

Tgt Ion: 43 Resp: 21818
Ion Ratio Lower Upper
43 100
72 27.6 20.2 30.2

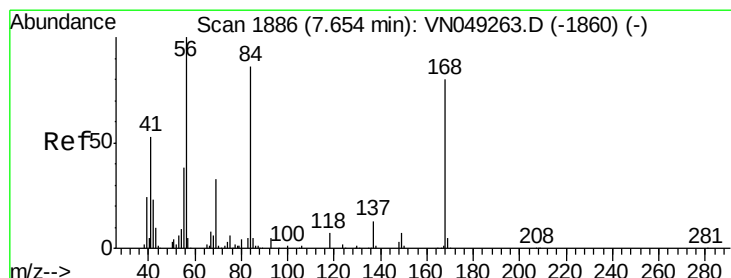
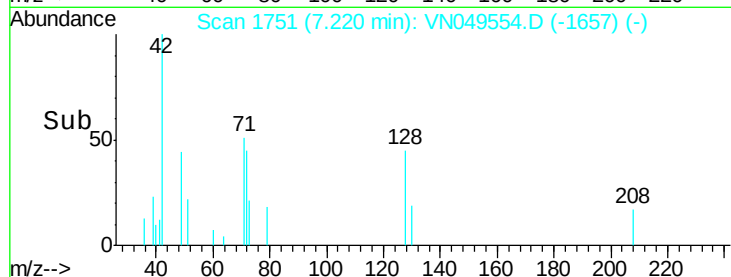
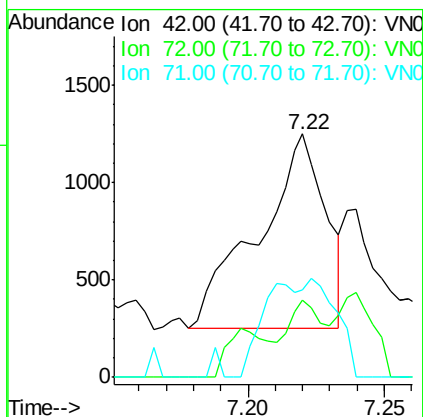
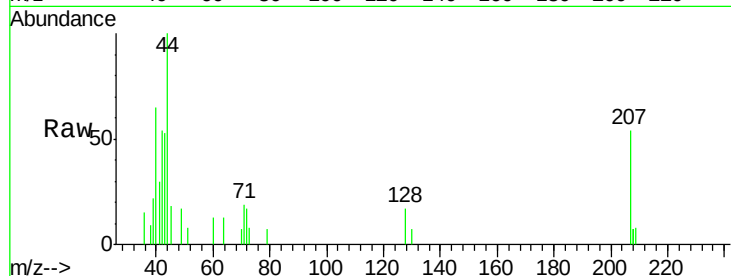




#29
Tetrahydrofuran
Concen: 0.47 ug/l
RT: 7.22 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VN049554.D
Acq: 26 Jun 2018 15:57

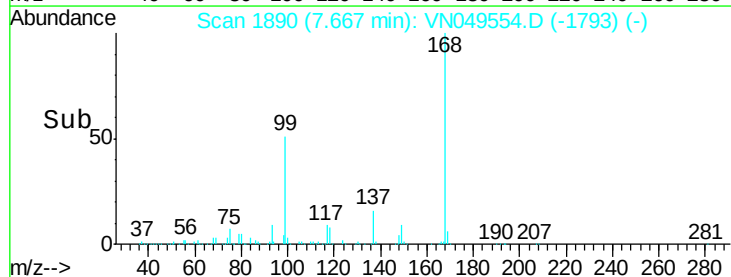
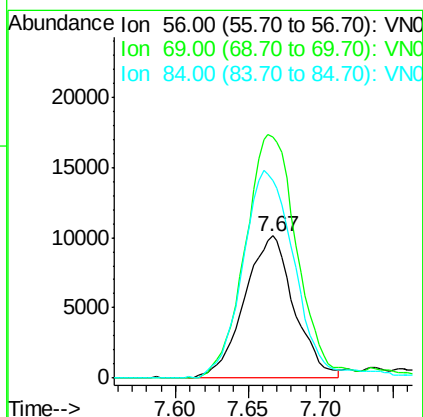
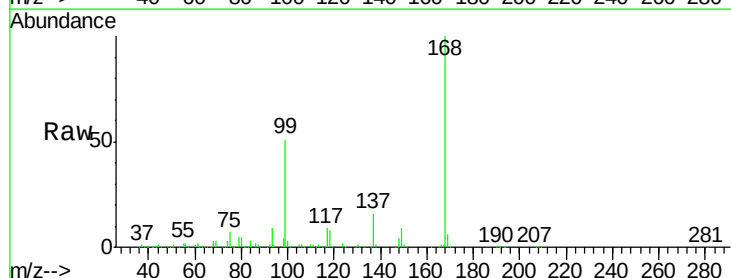
Instrument :
MSVOA_N
ClientSampled :

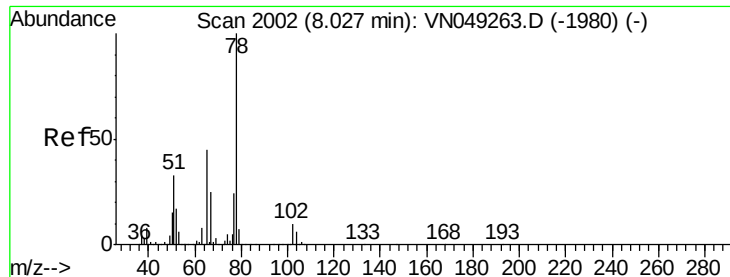
Tot Ion: 42 Resp: 1724
Ion Ratio Lower Upper
42 100
72 20.9 32.2 48.4#
71 24.9 30.5 45.7#



#31
Cyclohexane
Concen: 0.76 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN049554.D
Acq: 26 Jun 2018 15:57

Tgt Ion: 56 Resp: 24151
Ion Ratio Lower Upper
56 100
69 169.1 25.0 37.4#
84 137.3 64.6 96.8#

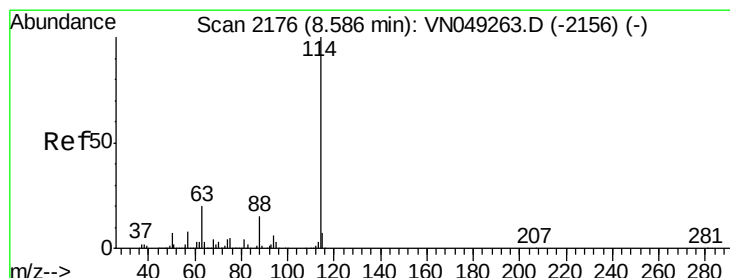
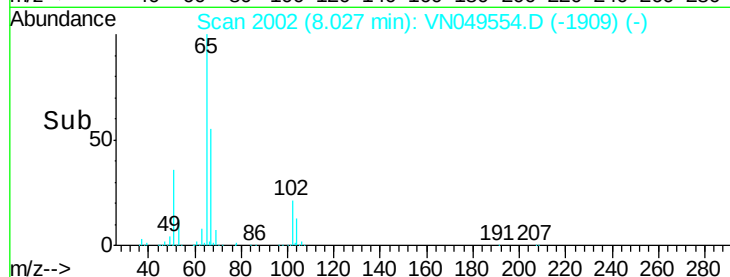
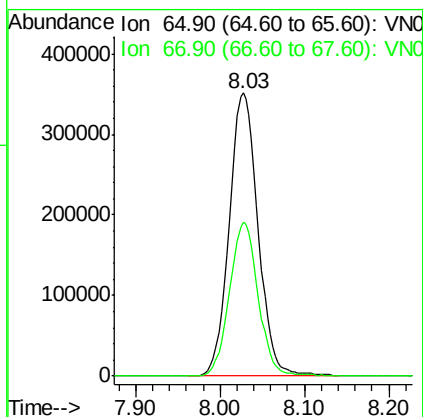
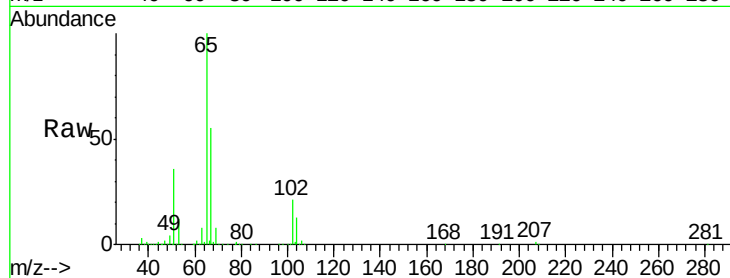




#33
 1,2-Dichloroethane-d4
 Concen: 47.53 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN049554.D
 Acq: 26 Jun 2018 15:57

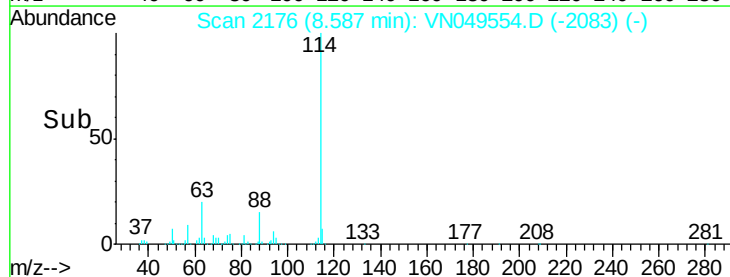
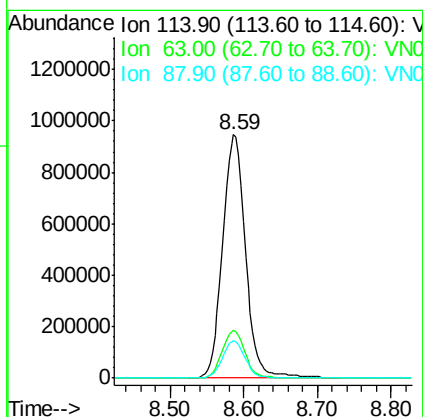
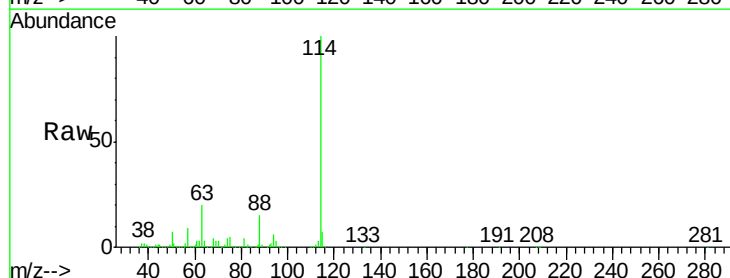
Instrument :
 MSVOA_N
 ClientSampleId :

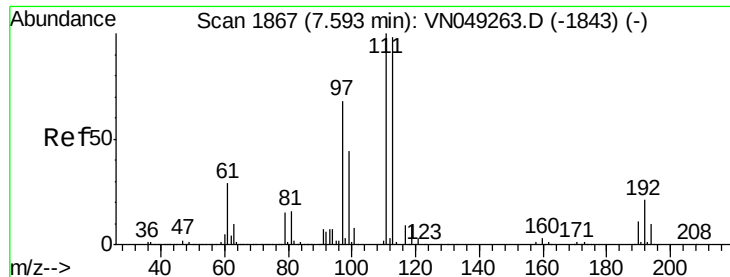
Tot Ion: 65 Resp: 835337
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049554.D
 Acq: 26 Jun 2018 15:57

Tgt Ion: 114 Resp: 2049101
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 44.4
 88 15.4 0.0 31.4

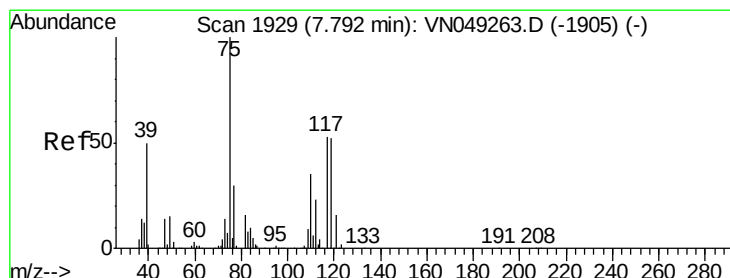
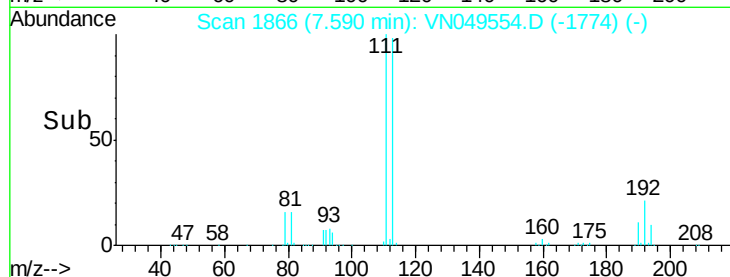
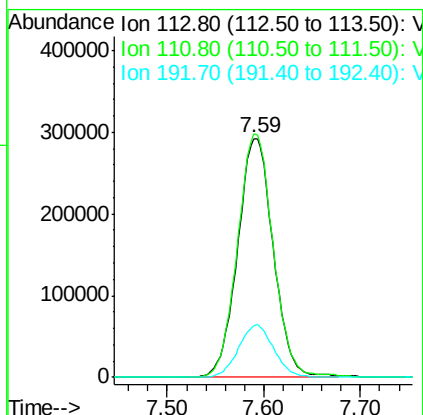
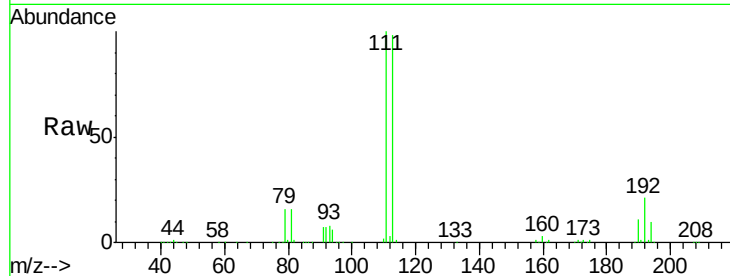




#35
 Dibromofluoromethane
 Concen: 45.16 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN049554.D
 Acq: 26 Jun 2018 15:57

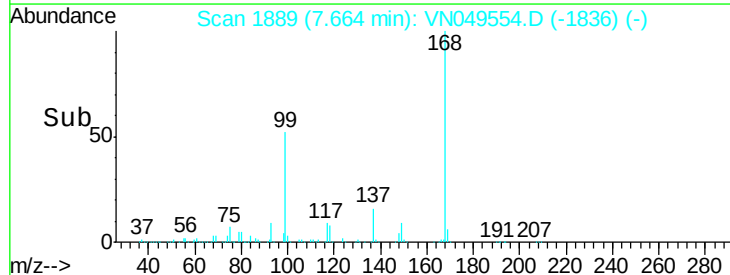
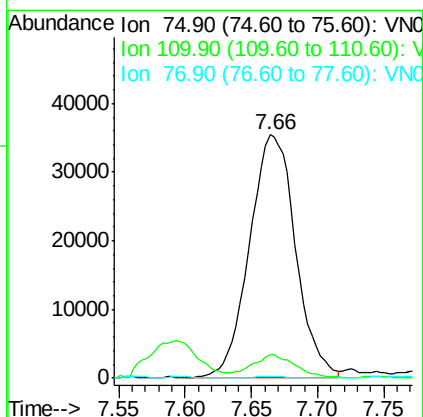
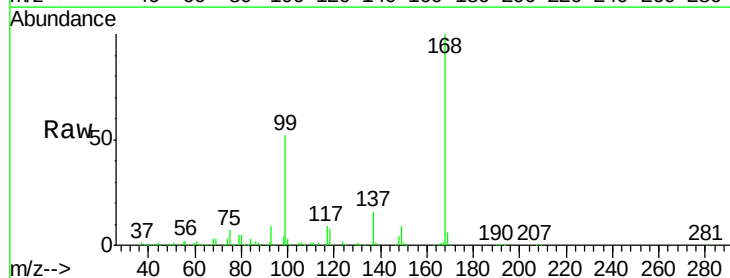
Instrument :
 MSVOA_N
 ClientSampleId :

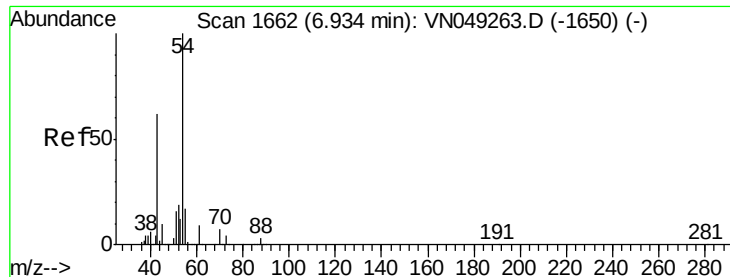
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.4	123.6
192	21.7	15.0	22.6



#36
 1,1-Dichloropropene
 Concen: 3.67 ug/l
 RT: 7.66 min Scan# 1889
 Delta R.T. -0.13 min
 Lab File: VN049554.D
 Acq: 26 Jun 2018 15:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.3	17.0	50.9#
77	0.4	24.4	36.6#

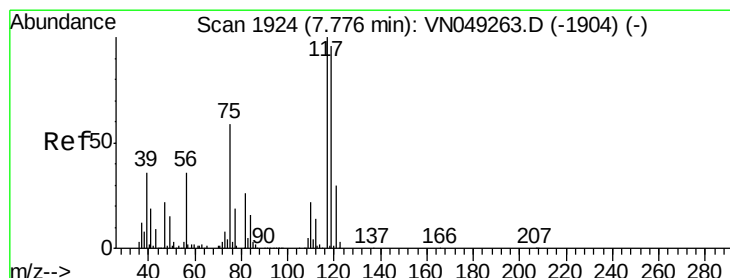
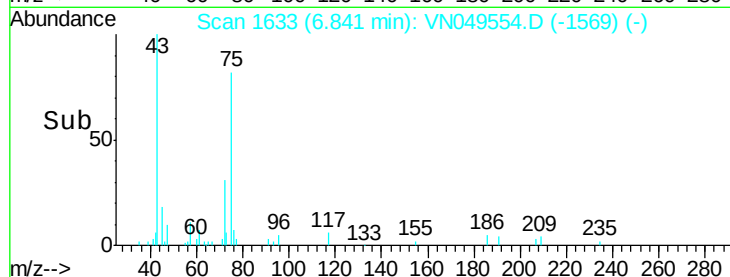
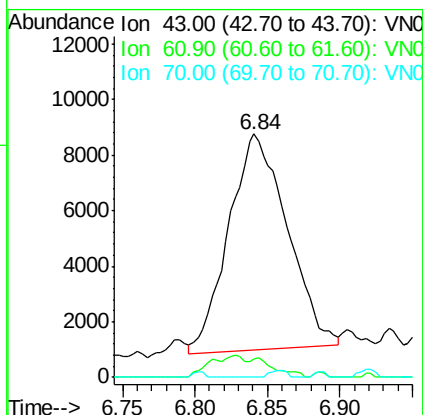
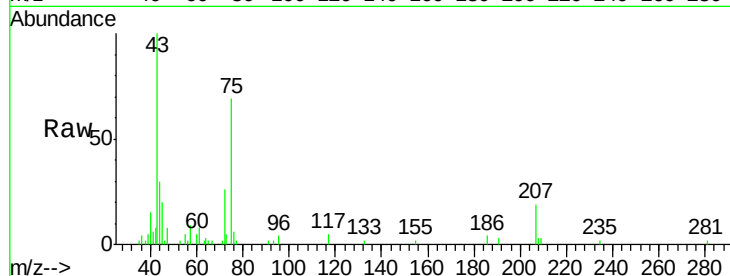




#37
Ethyl Acetate
Concen: 1.71 ug/l
RT: 6.84 min Scan# 1633
Delta R.T. -0.09 min
Lab File: VN049554.D
Acq: 26 Jun 2018 15:57

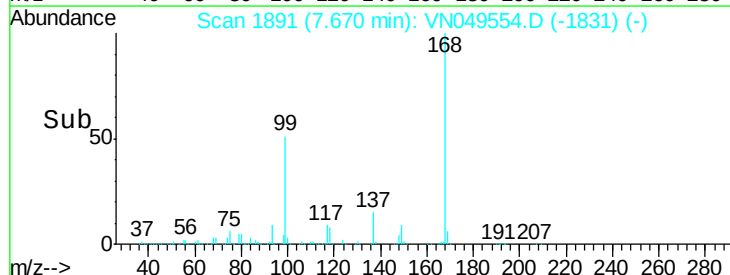
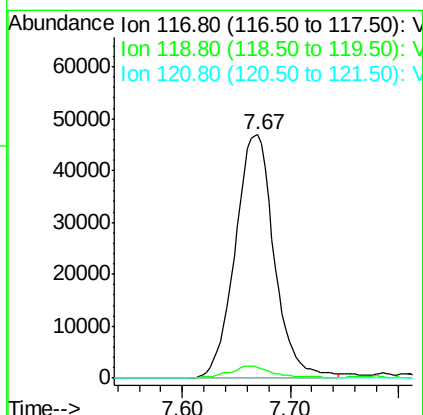
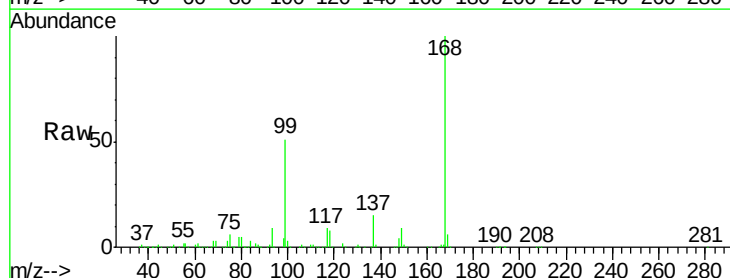
Instrument :
MSVOA_N
ClientSampleId :

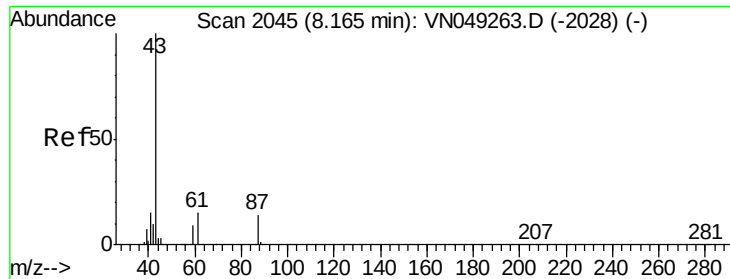
Tot Ion: 43 Resp: 21818
Ion Ratio Lower Upper
43 100
61 1.3 11.0 16.4#
70 0.0 7.2 10.8#



#38
Carbon Tetrachloride
Concen: 4.85 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.11 min
Lab File: VN049554.D
Acq: 26 Jun 2018 15:57

Tgt Ion: 117 Resp: 117999
Ion Ratio Lower Upper
117 100
119 4.5 75.6 113.4#
121 0.0 24.7 37.1#





#43

Isopropyl Acetate

Concen: 53.01 ug/l

RT: 8.29 min Scan# 2084

Delta R.T. 0.13 min

Lab File: VN049554.D

Acq: 26 Jun 2018 15:57

Instrument :

MSVOA_N

ClientSampled :

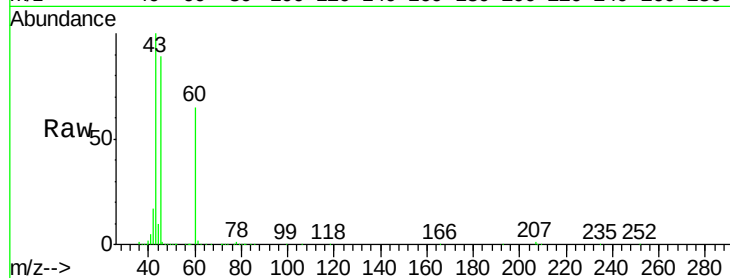
Tot Ion: 43 Resp: 1293050

Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.4#

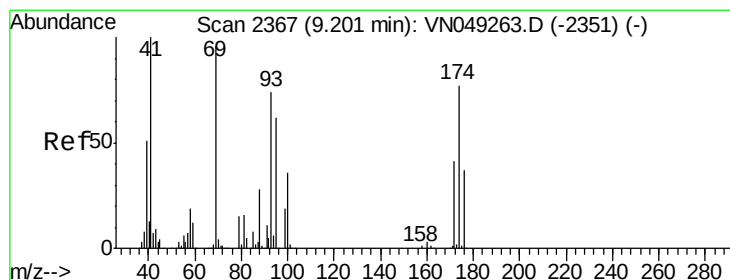
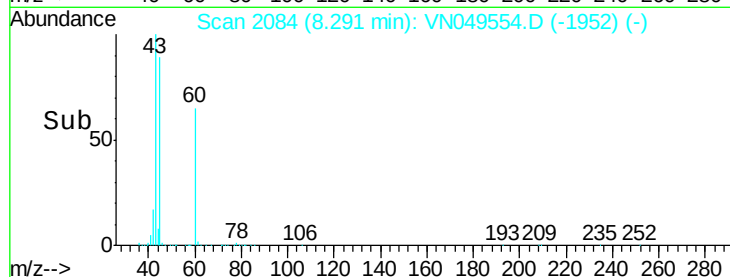
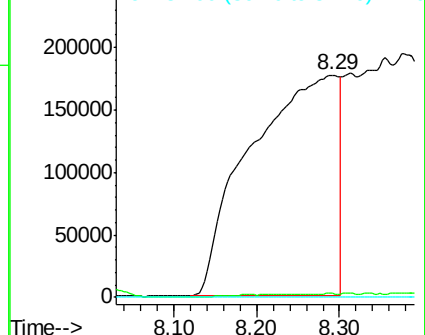
87 0.0 9.4 14.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#49

1,4-Dioxane

Concen: 4.06 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.01 min

Lab File: VN049554.D

Acq: 26 Jun 2018 15:57

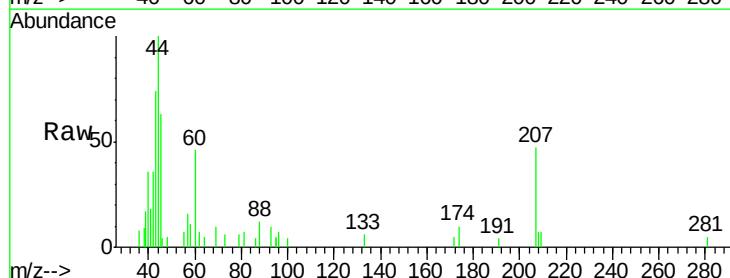
Tgt Ion: 88 Resp: 643

Ion Ratio Lower Upper

88 100

43 0.0 30.9 46.3#

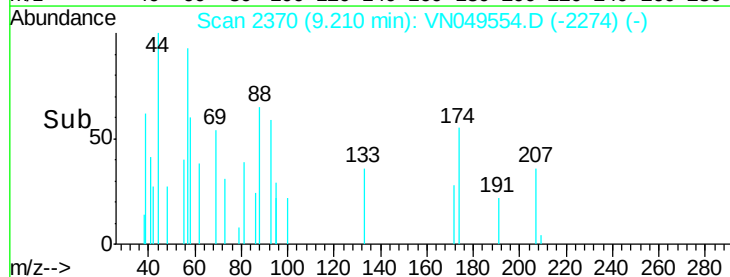
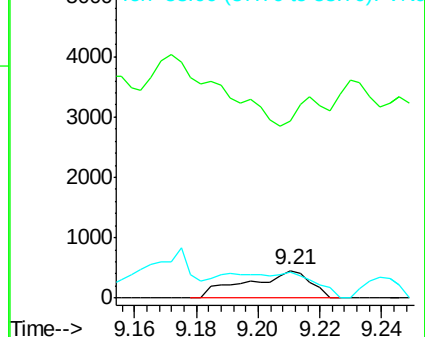
58 13.5 58.9 88.3#

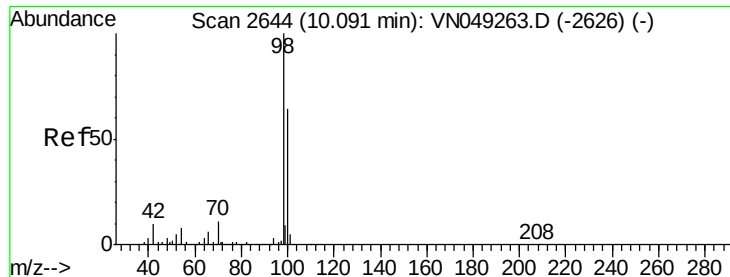


Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

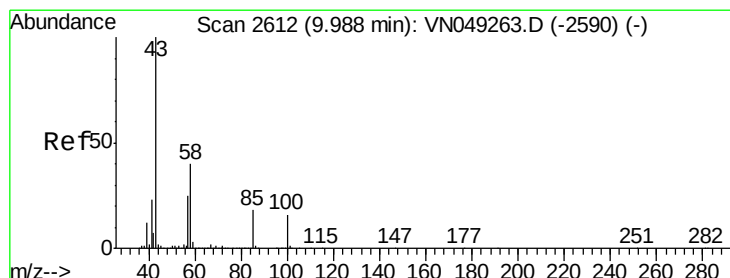
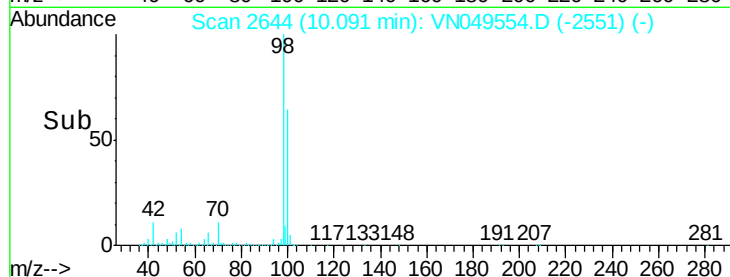
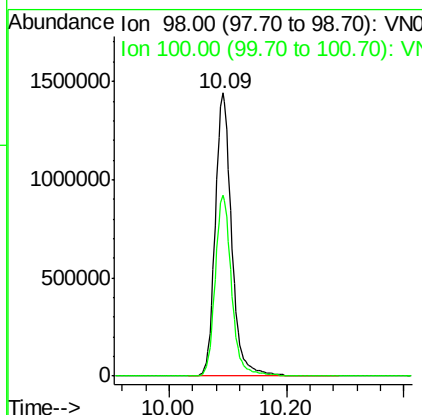
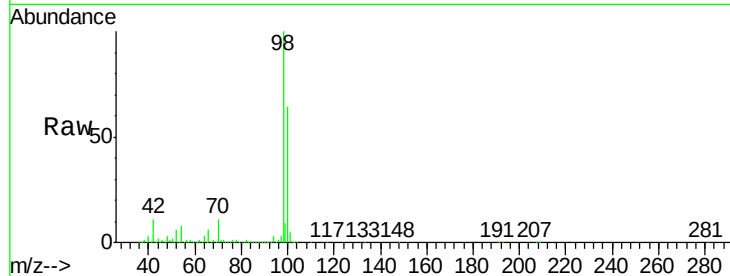




#50
Toluene-d8
Concen: 43.89 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049554.D
Acq: 26 Jun 2018 15:57

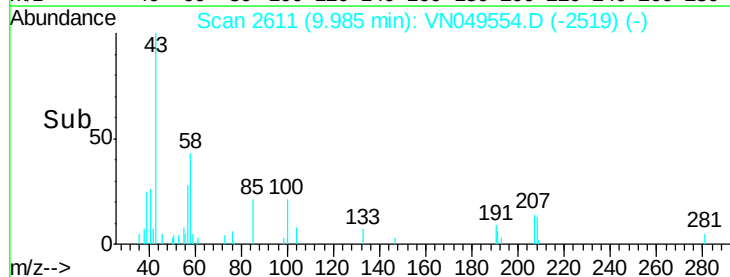
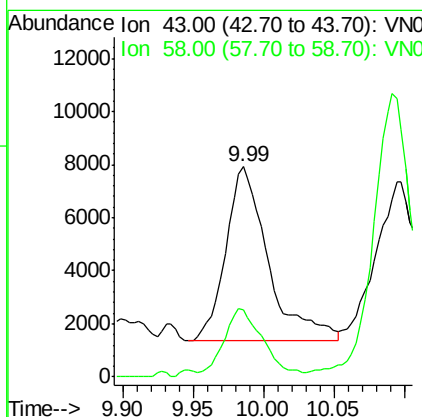
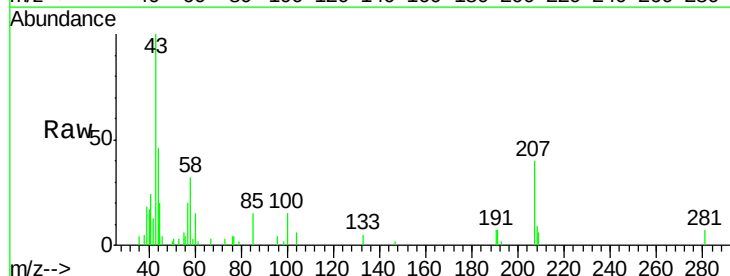
Instrument :
MSVOA_N
ClientSampleId :

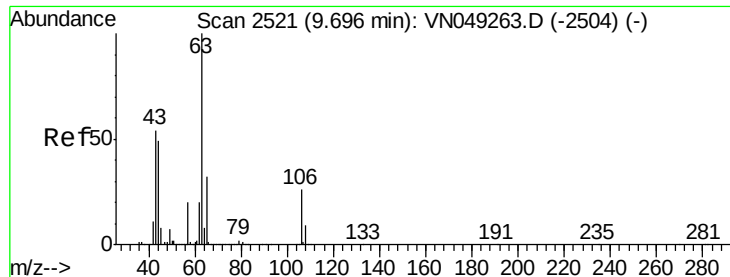
Tot Ion: 98 Resp: 2770739
Ion Ratio Lower Upper
98 100
100 64.0 49.8 74.8



#51
4-Methyl-2-Pentanone
Concen: 1.09 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. -0.00 min
Lab File: VN049554.D
Acq: 26 Jun 2018 15:57

Tgt Ion: 43 Resp: 13932
Ion Ratio Lower Upper
43 100
58 30.9 29.0 43.6





#58

2-Chloroethyl Vinyl ether

Concen: 14.36 ug/l

RT: 9.70 min Scan# 2523

Delta R.T. 0.01 min

Lab File: VN049554.D

Acq: 26 Jun 2018 15:57

Instrument :

MSVOA_N

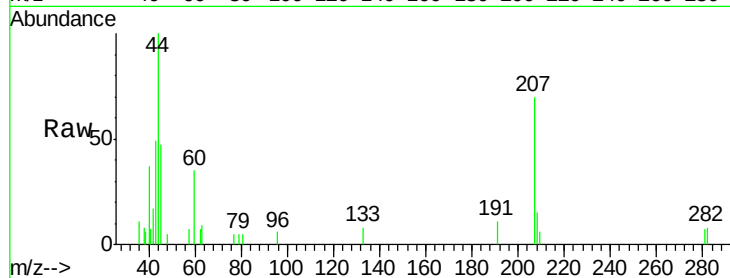
ClientSampleId :

Tot Ion: 63 Resp: 221

Ion Ratio Lower Upper

63 100

106 0.0 19.4 29.2#



Abundance Ion 62.90 (62.60 to 63.60): VN049263.D (-2504) (-)

Ion 105.90 (105.60 to 106.60): VN049263.D (-2504) (-)

9.70

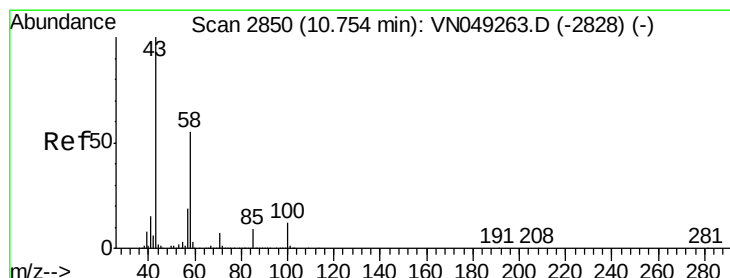
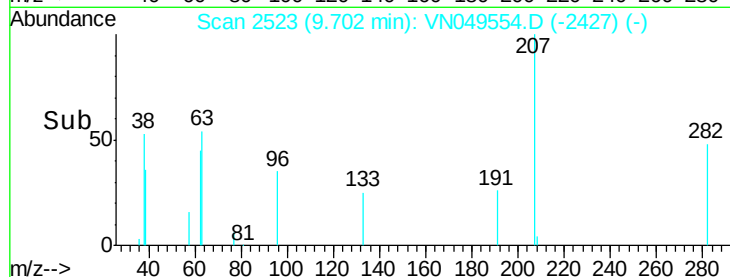
600

400

200

0

Time-->



#59

2-Hexanone

Concen: 0.81 ug/l

RT: 10.76 min Scan# 2851

Delta R.T. 0.00 min

Lab File: VN049554.D

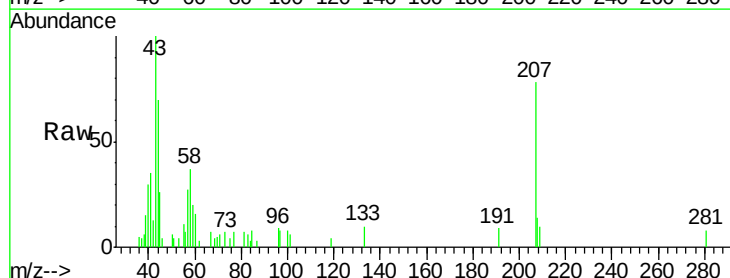
Acq: 26 Jun 2018 15:57

Tgt Ion: 43 Resp: 6690

Ion Ratio Lower Upper

43 100

58 55.3 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) (-)

10.76

5000

4000

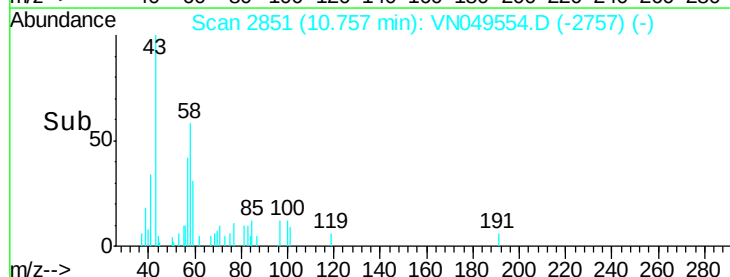
3000

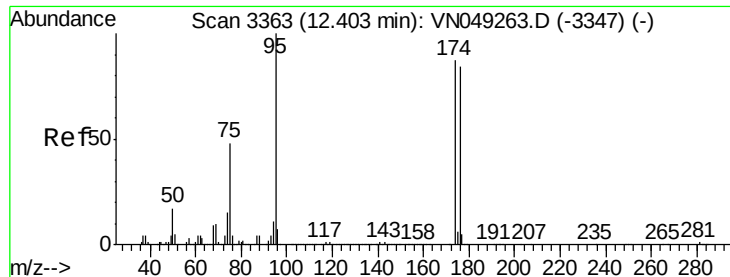
2000

1000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 39.93 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049554.D

Acq: 26 Jun 2018 15:57

Instrument :

MSVOA_N

ClientSampleId :

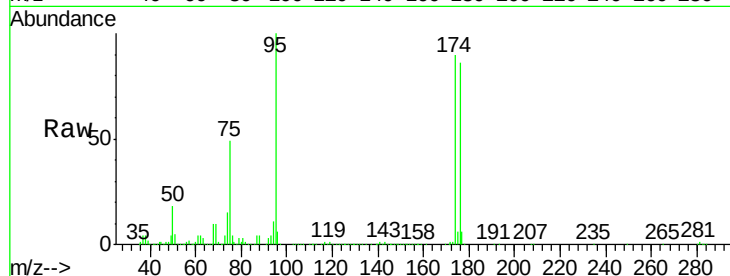
Tot Ion: 95 Resp: 833397

Ion Ratio Lower Upper

95 100

174 88.8 0.0 165.6

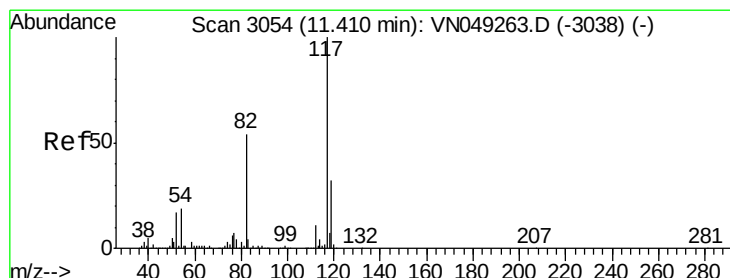
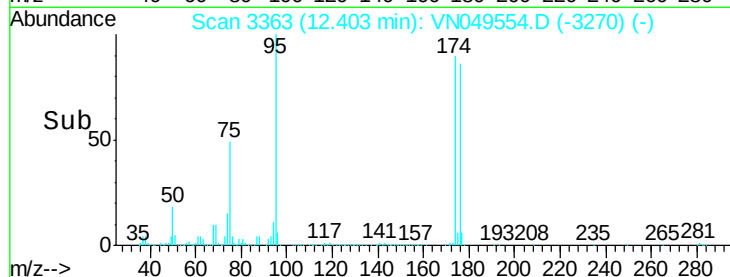
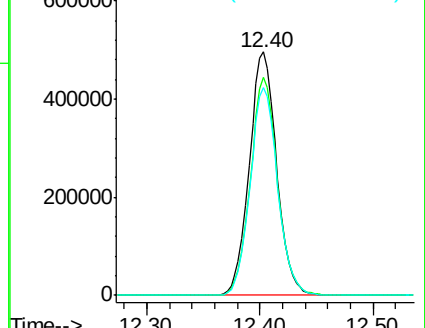
176 85.9 0.0 157.4



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: VN049554.D

Acq: 26 Jun 2018 15:57

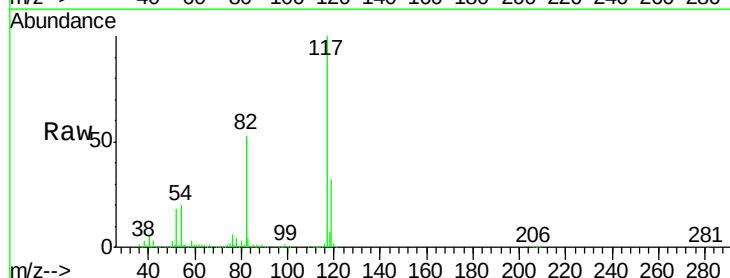
Tgt Ion: 117 Resp: 1697721

Ion Ratio Lower Upper

117 100

82 53.3 45.9 68.9

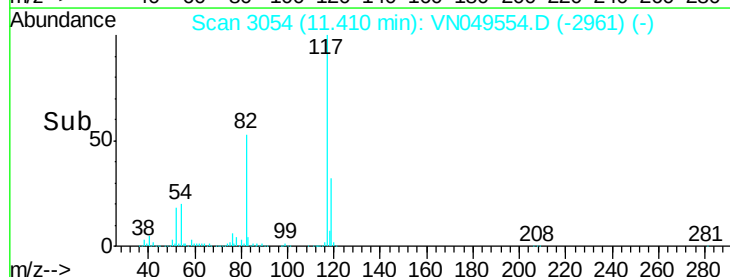
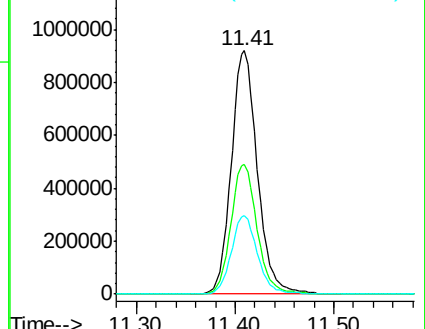
119 32.2 25.5 38.3

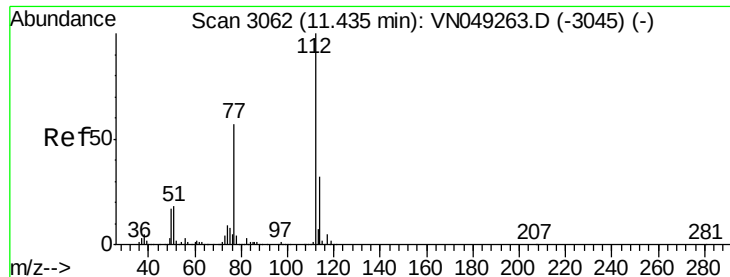


Abundance Ion 116.90 (116.60 to 117.60): VN049263.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN049263.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN049263.D (-3038) (-)





#65

Chlorobenzene

Concen: 0.28 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049554.D

Acq: 26 Jun 2018 15:57

Instrument :

MSVOA_N

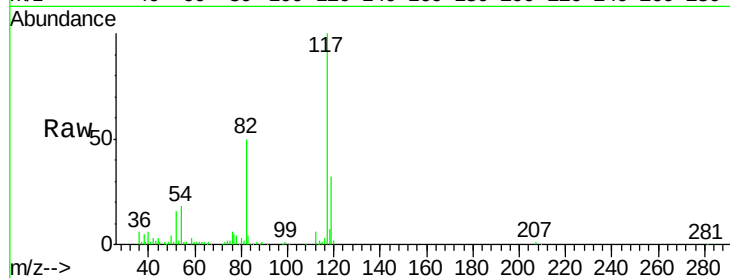
ClientSampleId :

Tot Ion:112 Resp: 12073

Ion Ratio Lower Upper

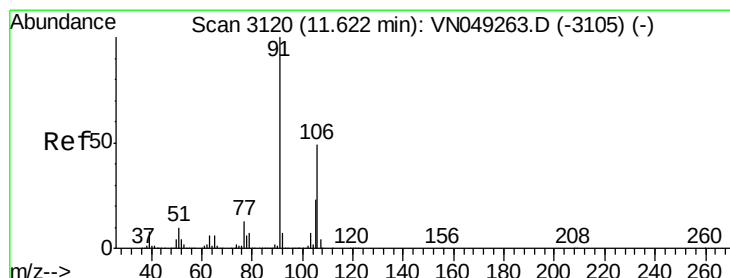
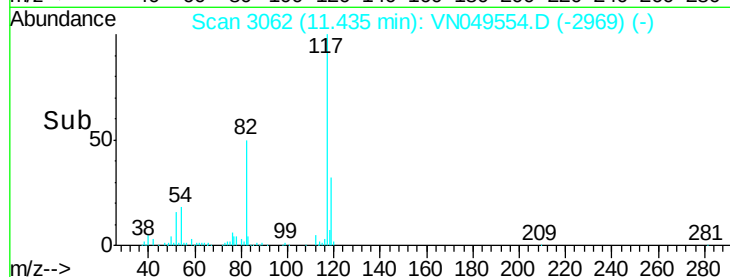
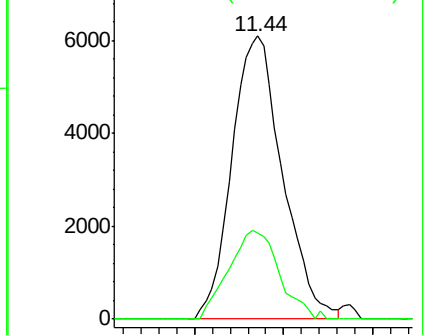
112 100

114 30.5 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#68

m/p-Xylenes

Concen: 0.38 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN049554.D

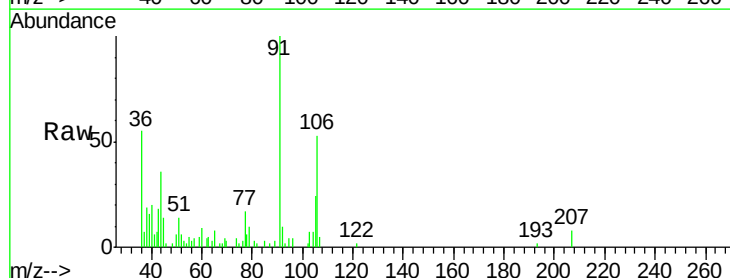
Acq: 26 Jun 2018 15:57

Tgt Ion:106 Resp: 10363

Ion Ratio Lower Upper

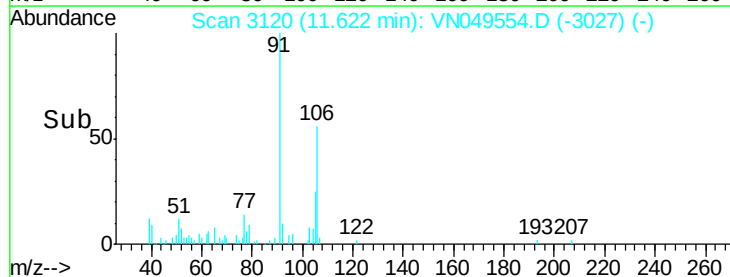
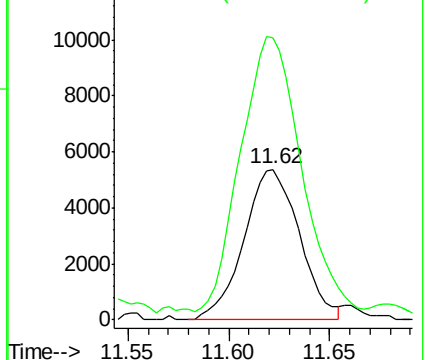
106 100

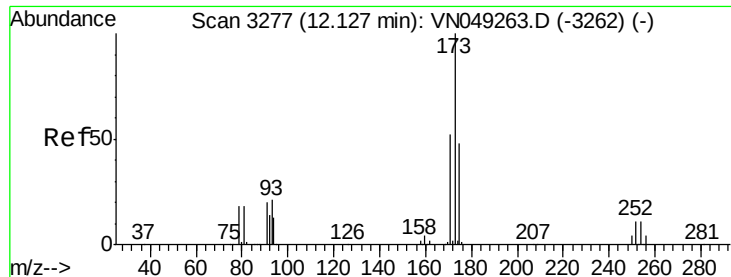
91 202.3 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





#71

Bromoform

Concen: 0.42 ug/l

RT: 12.40 min Scan# 3362

Delta R.T. 0.27 min

Lab File: VN049554.D

Acq: 26 Jun 2018 15:57

Instrument :

MSVOA_N

ClientSampled :

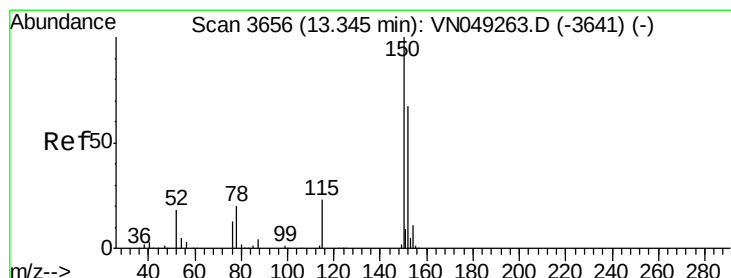
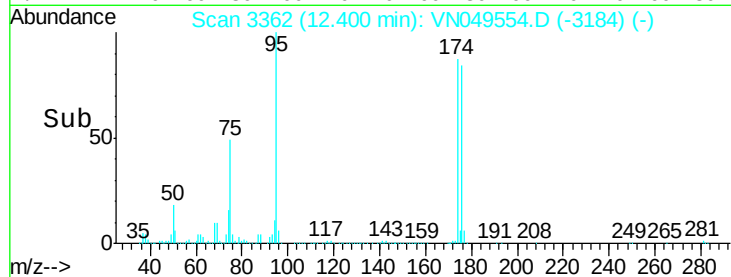
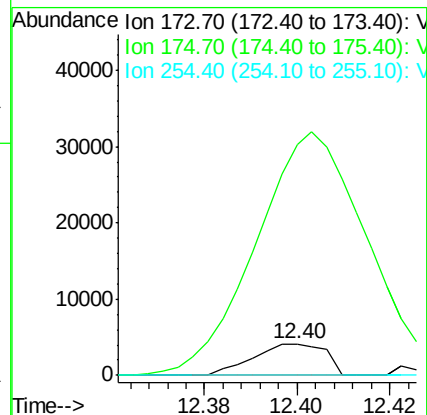
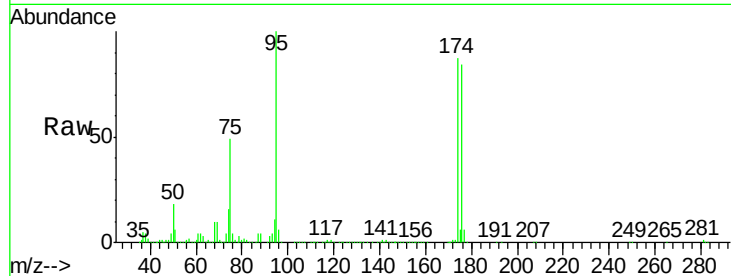
Tot Ion:173 Resp: 4477

Ion Ratio Lower Upper

173 100

175 994.5 24.5 73.5#

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049554.D

Acq: 26 Jun 2018 15:57

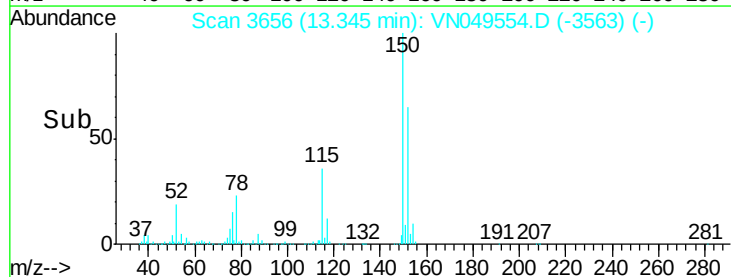
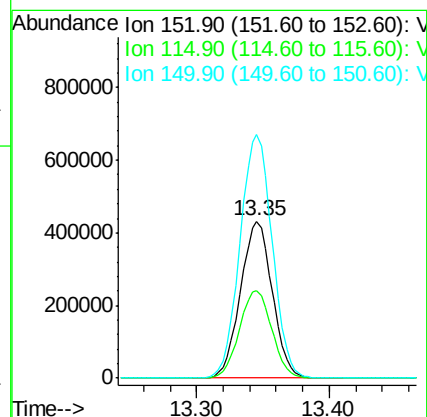
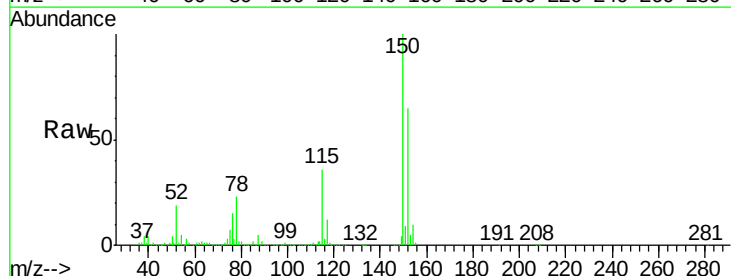
Tgt Ion:152 Resp: 717580

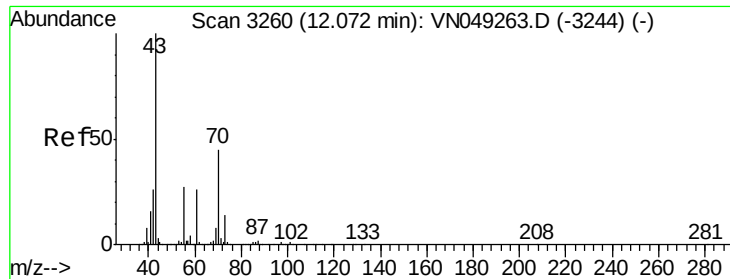
Ion Ratio Lower Upper

152 100

115 56.4 28.7 86.1

150 157.0 0.0 351.0





#74

N-amvl acetate

Concen: 0.67 ug/l

RT: 12.04 min Scan# 3250

Delta R.T. -0.03 min

Lab File: VN049554.D

Acq: 26 Jun 2018 15:57

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 10329

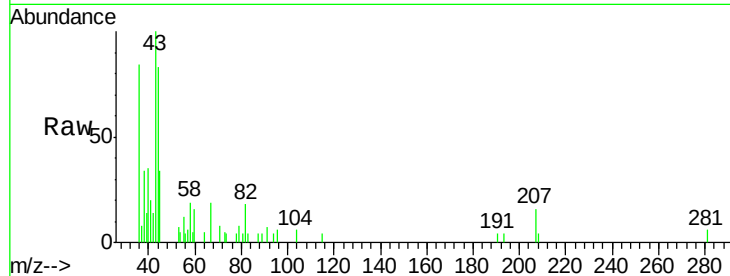
Ion Ratio Lower Upper

43 100

70 0.0 30.3 45.5#

55 5.9 19.4 29.2#

61 1.8 17.8 26.6#

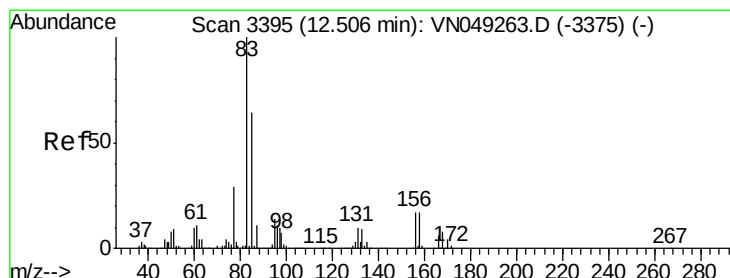
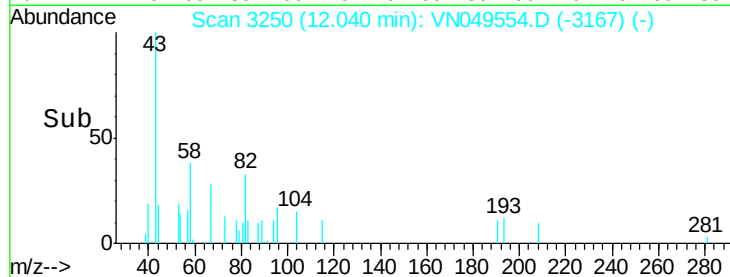
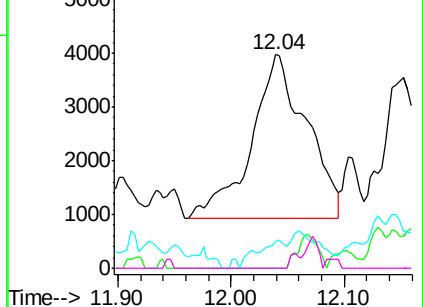


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.50 min Scan# 3394

Delta R.T. -0.00 min

Lab File: VN049554.D

Acq: 26 Jun 2018 15:57

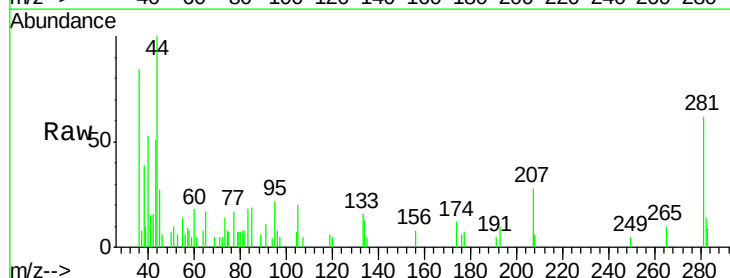
Tgt Ion: 83 Resp: 1679

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

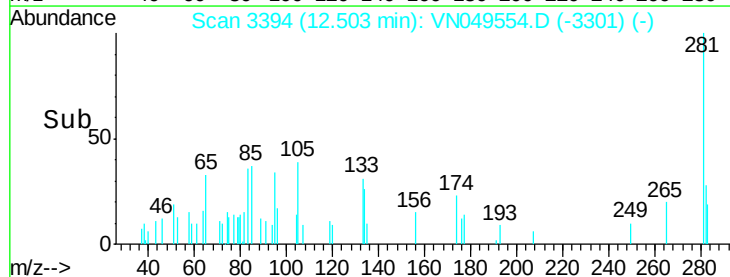
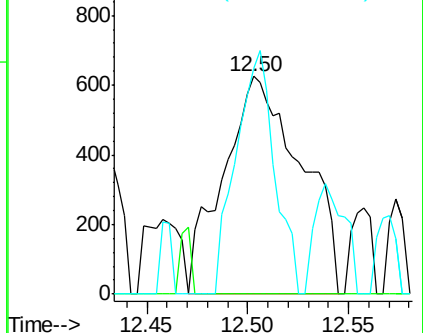
85 56.0 32.0 96.0

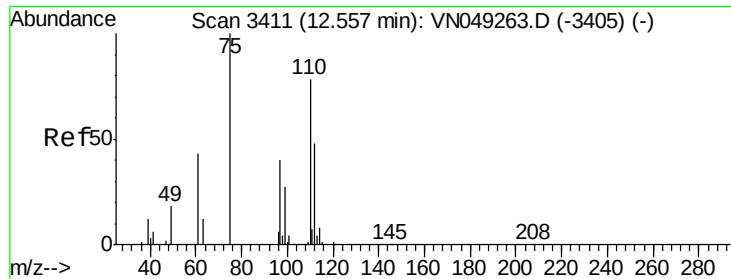


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 33.31 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049554.D

Acq: 26 Jun 2018 15:57

Instrument :

MSVOA_N

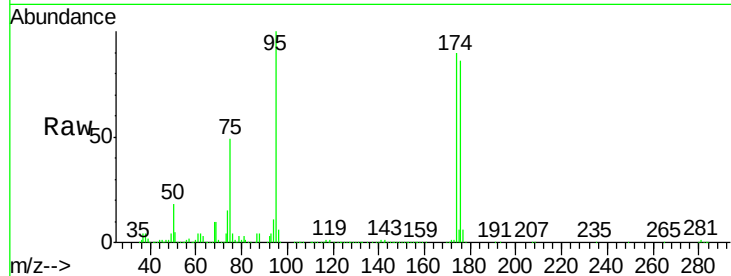
ClientSampled :

Tot Ion: 75 Resp: 407856

Ion Ratio Lower Upper

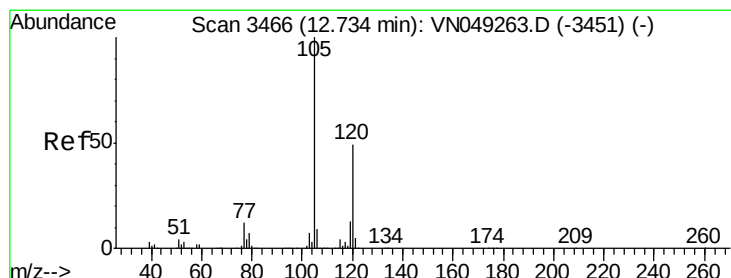
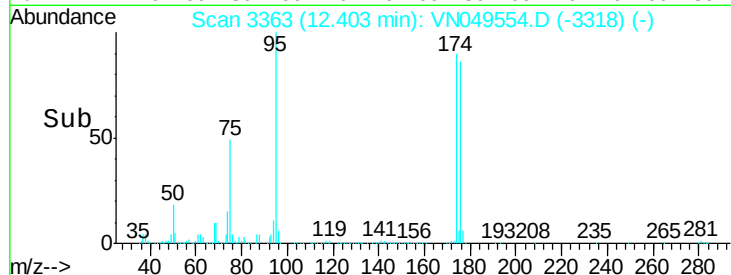
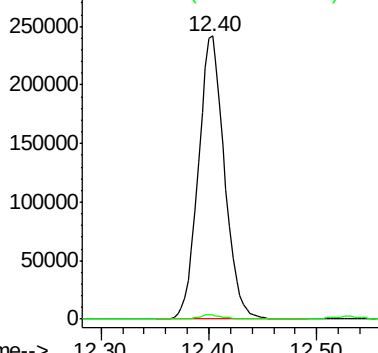
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#80

1,3,5-Trimethylbenzene

Concen: 0.22 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049554.D

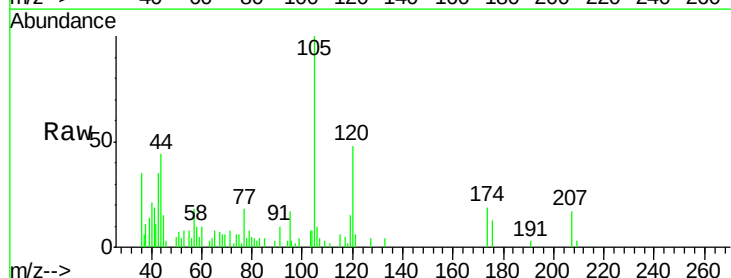
Acq: 26 Jun 2018 15:57

Tgt Ion: 105 Resp: 11113

Ion Ratio Lower Upper

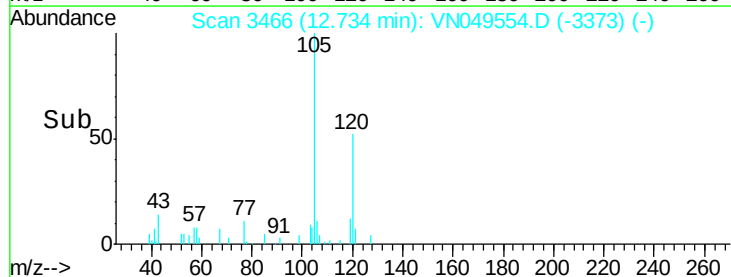
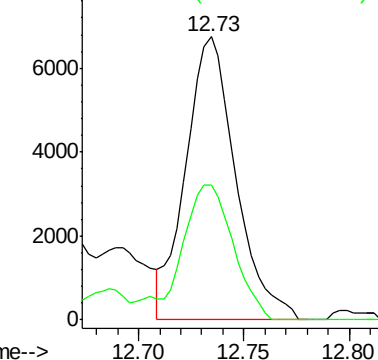
105 100

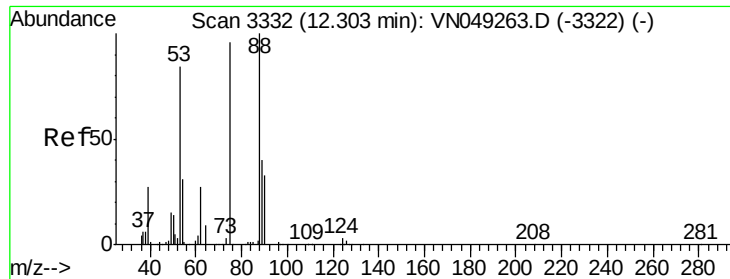
120 49.9 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

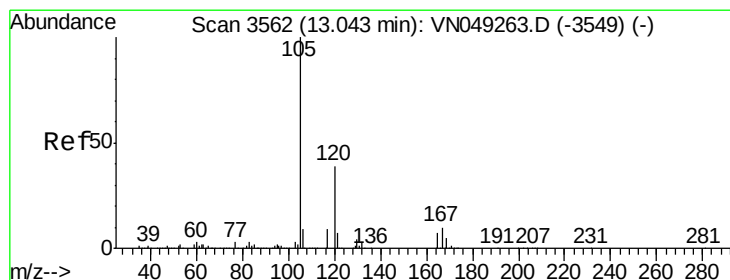
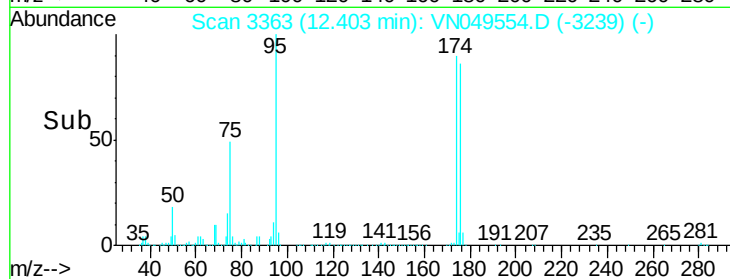
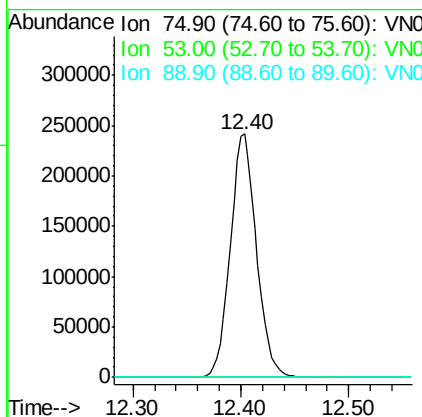
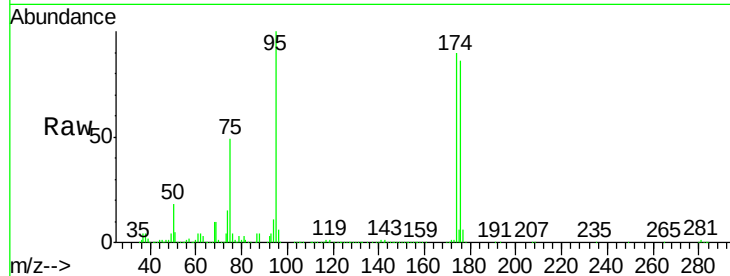




#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.28 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.10 min
 Lab File: VN049554.D
 Acq: 26 Jun 2018 15:57

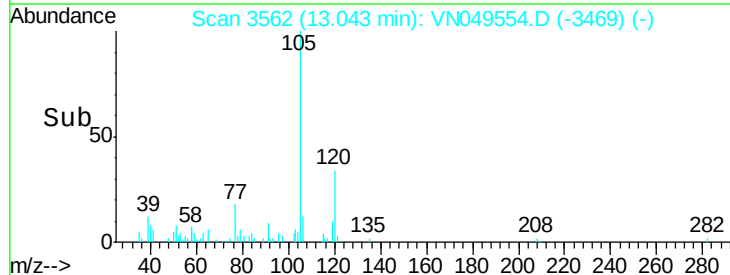
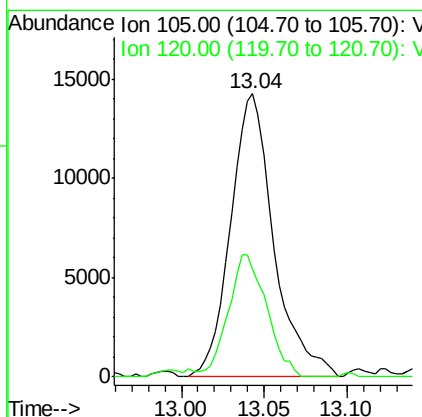
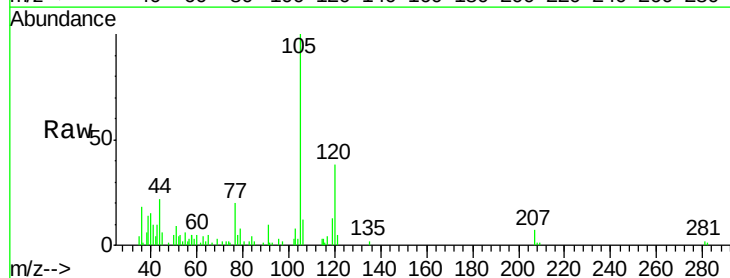
Instrument :
 MSVOA_N
 ClientSampleId :

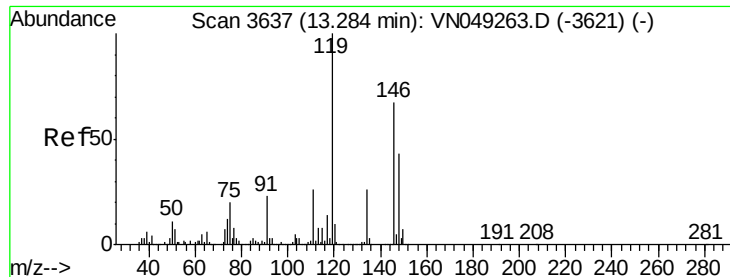
Tot Ion: 75 Resp: 407856
 Ion Ratio Lower Upper
 75 100
 53 0.2 82.7 124.1#
 89 0.0 36.5 54.7#



#84
 1,2,4-Trimethylbenzene
 Concen: 0.53 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN049554.D
 Acq: 26 Jun 2018 15:57

Tgt Ion: 105 Resp: 25855
 Ion Ratio Lower Upper
 105 100
 120 38.2 22.2 66.6

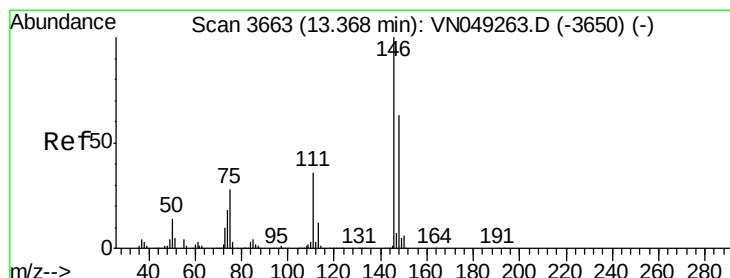
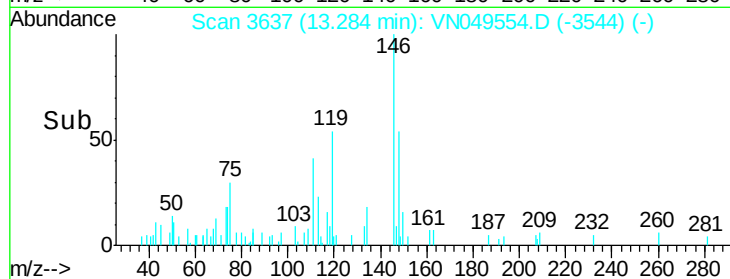
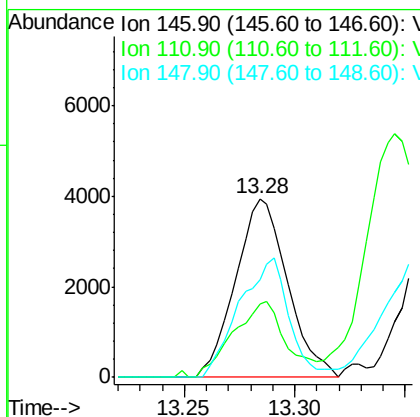
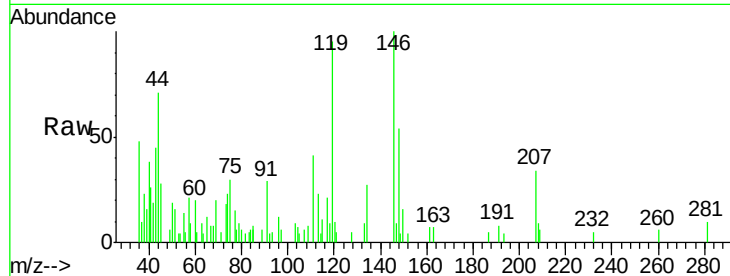




#87
 1,3-Dichlorobenzene
 Concen: 0.23 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN049554.D
 Acq: 26 Jun 2018 15:57

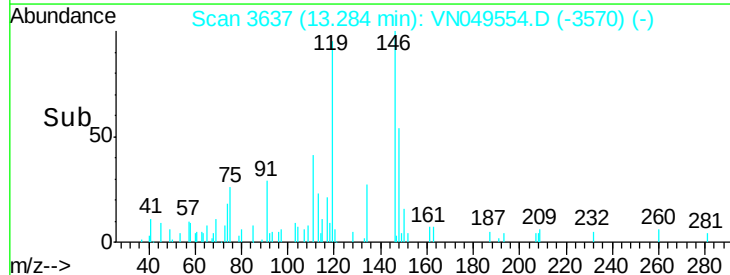
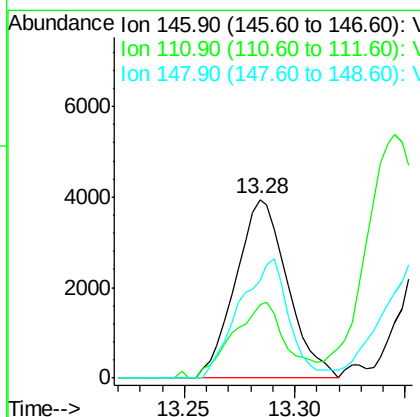
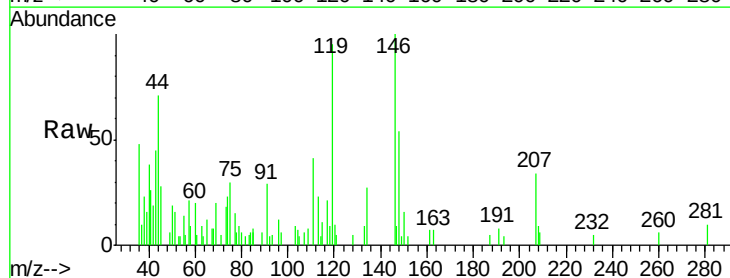
Instrument :
 MSVOA_N
 ClientSampleId :

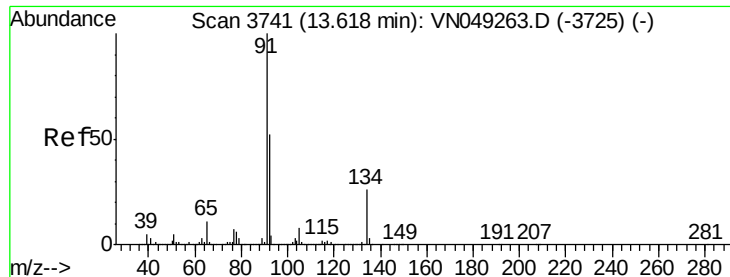
Tot Ion:146 Resp: 6420
 Ion Ratio Lower Upper
 146 100
 111 43.4 19.9 59.6
 148 64.0 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 0.24 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. -0.08 min
 Lab File: VN049554.D
 Acq: 26 Jun 2018 15:57

Tgt Ion:146 Resp: 6420
 Ion Ratio Lower Upper
 146 100
 111 43.4 19.1 57.1
 148 64.0 32.0 96.2

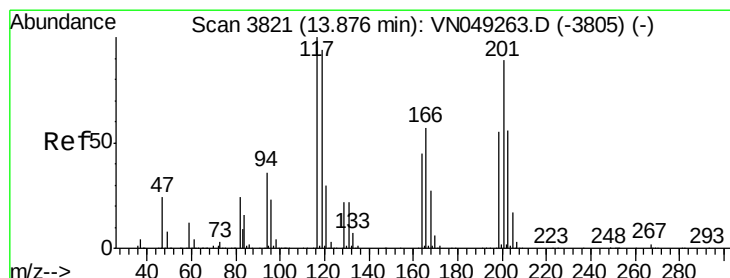
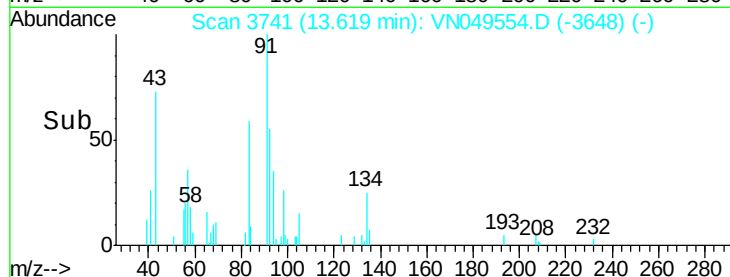
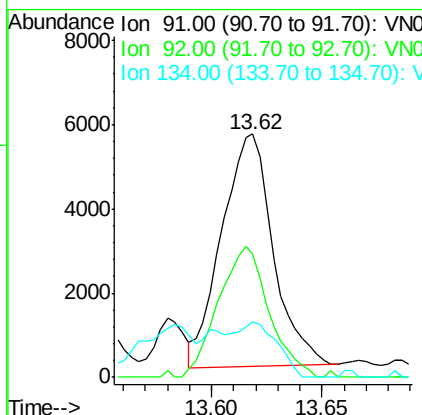
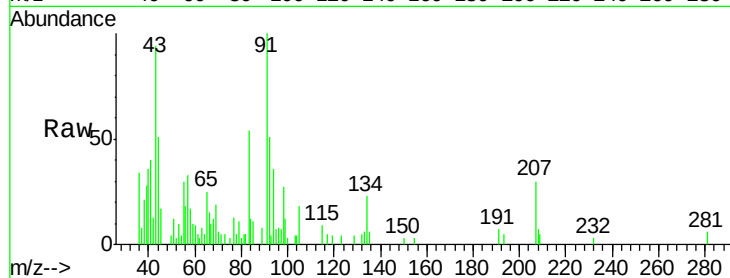




#89
n-Butylbenzene
Concen: 0.23 ug/l
RT: 13.62 min Scan# 3741
Delta R.T. 0.00 min
Lab File: VN049554.D
Acq: 26 Jun 2018 15:57

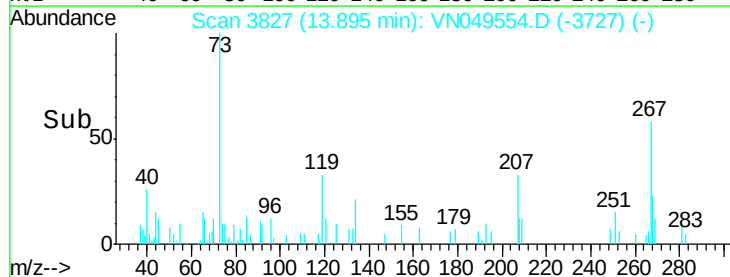
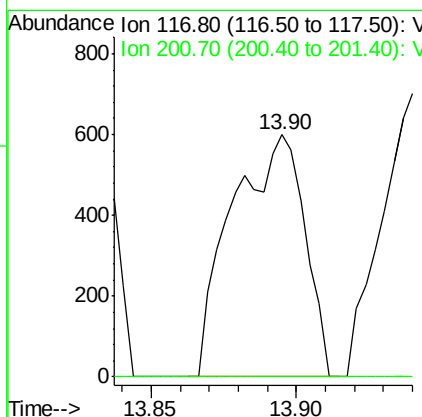
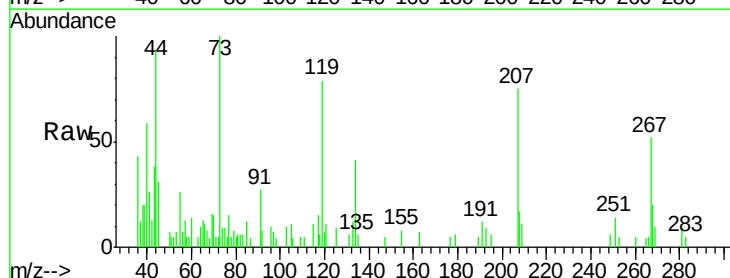
Instrument :
MSVOA_N
ClientSampleId :

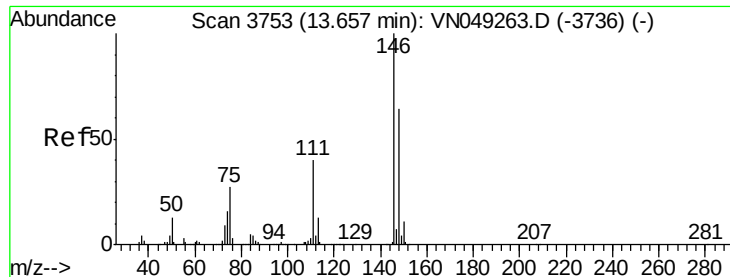
Tot Ion: 91 Resp: 8899
Ion Ratio Lower Upper
91 100
92 55.5 25.1 75.4
134 1.2 12.0 36.0#



#90
Hexachloroethane
Concen: Below Cal
RT: 13.90 min Scan# 3827
Delta R.T. 0.02 min
Lab File: VN049554.D
Acq: 26 Jun 2018 15:57

Tgt Ion: 117 Resp: 1042
Ion Ratio Lower Upper
117 100
201 0.0 40.1 120.2#

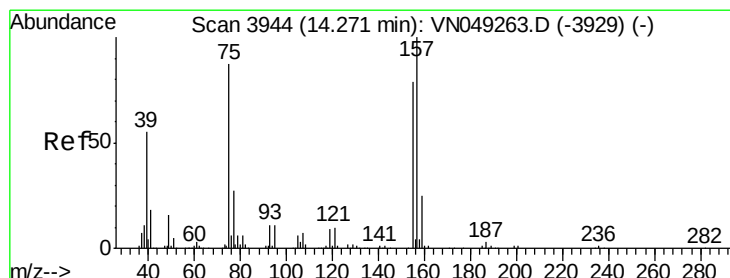
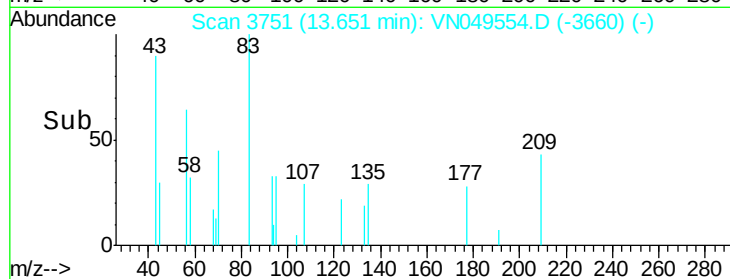
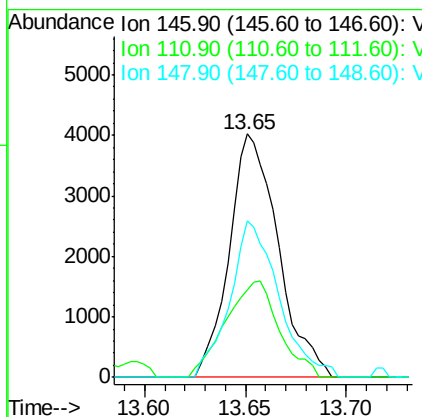
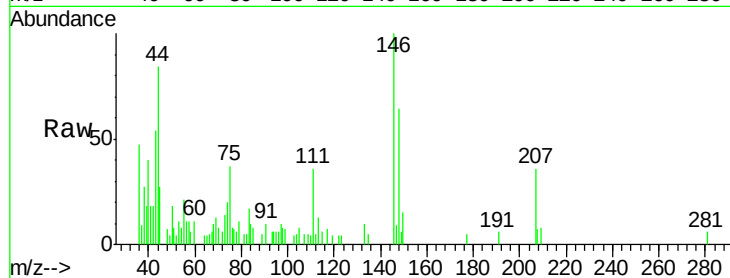




#91
 1,2-Dichlorobenzene
 Concen: 0.25 ug/l
 RT: 13.65 min Scan# 3751
 Delta R.T. -0.01 min
 Lab File: VN049554.D
 Acq: 26 Jun 2018 15:57

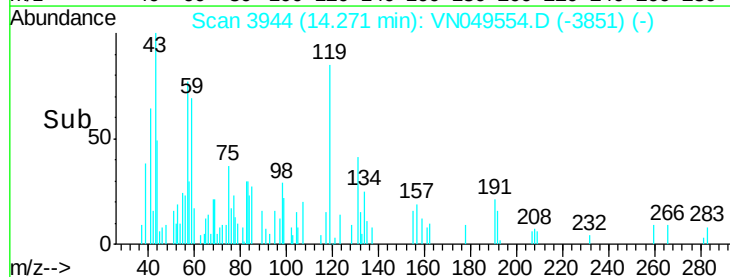
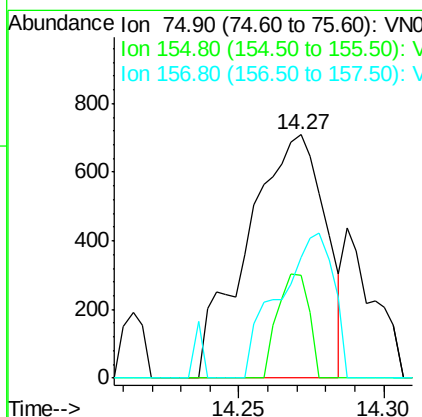
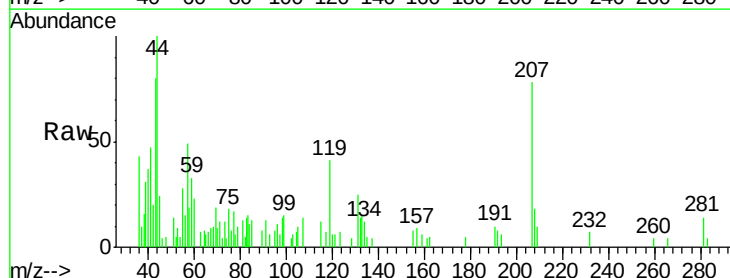
Instrument :
 MSVOA_N
 ClientSampled :

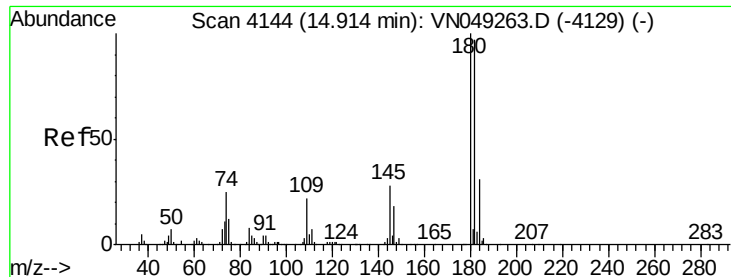
Tot Ion:146 Resp: 6816
 Ion Ratio Lower Upper
 146 100
 111 43.3 20.8 62.2
 148 64.3 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.60 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN049554.D
 Acq: 26 Jun 2018 15:57

Tgt Ion: 75 Resp: 1325
 Ion Ratio Lower Upper
 75 100
 155 17.3 38.8 116.3#
 157 41.8 51.0 153.1#





#93

1,2,4-Trichlorobenzene

Concen: 5.38 ua/l

RT: 14.91 min Scan# 4143

Delta R.T. -0.00 min

Lab File: VN049554.D

Acq: 26 Jun 2018 15:57

Instrument :

MSVOA_N

ClientSampled :

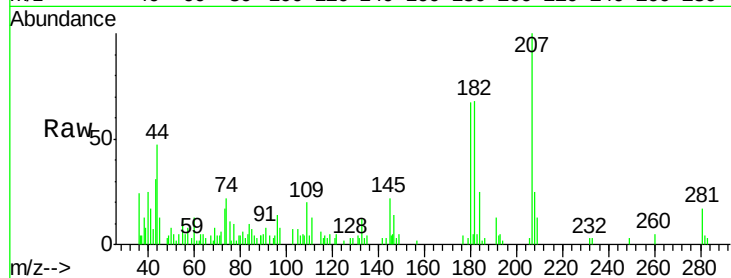
Tot Ion:180 Resp: 8601

Ion Ratio Lower Upper

180 100

182 85.5 46.9 140.8

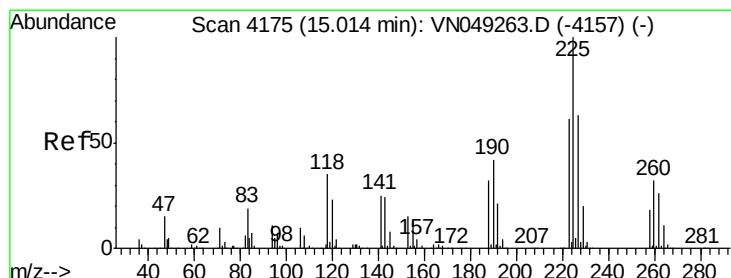
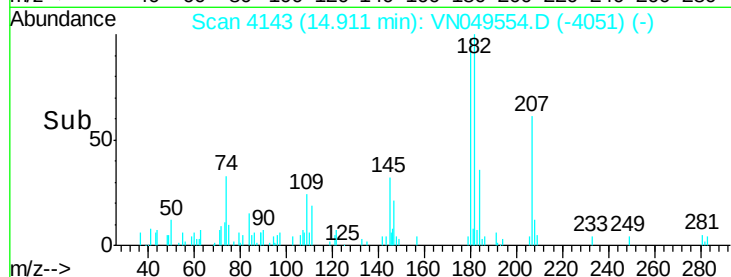
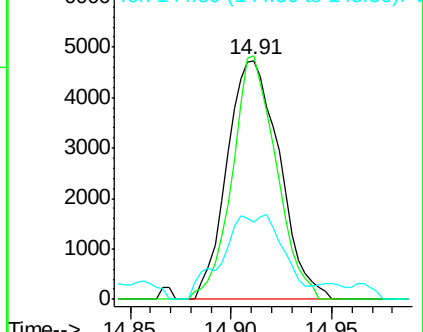
145 22.7 14.7 44.1



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



#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4175

Delta R.T. 0.00 min

Lab File: VN049554.D

Acq: 26 Jun 2018 15:57

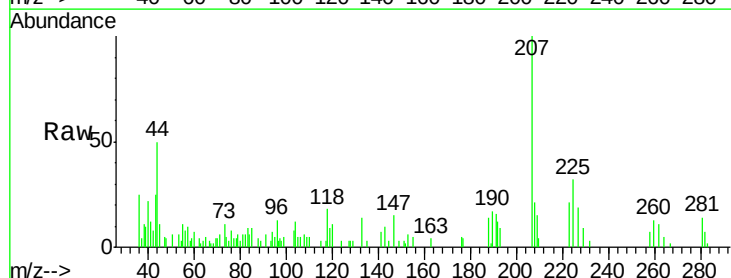
Tgt Ion:225 Resp: 3783

Ion Ratio Lower Upper

225 100

223 69.9 32.1 96.3

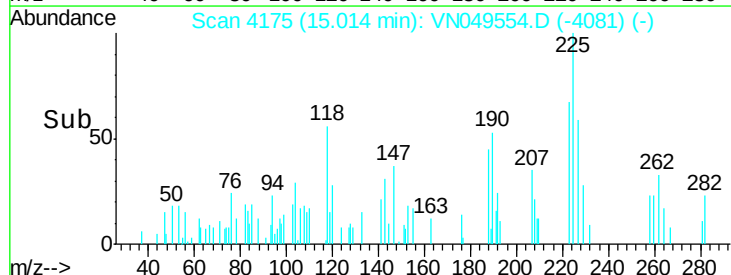
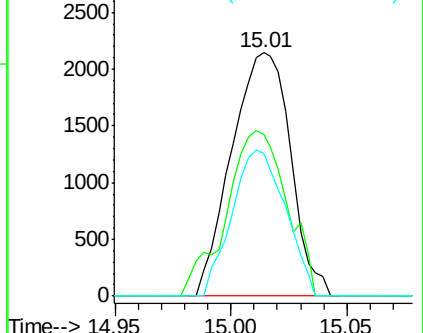
227 54.4 31.8 95.3

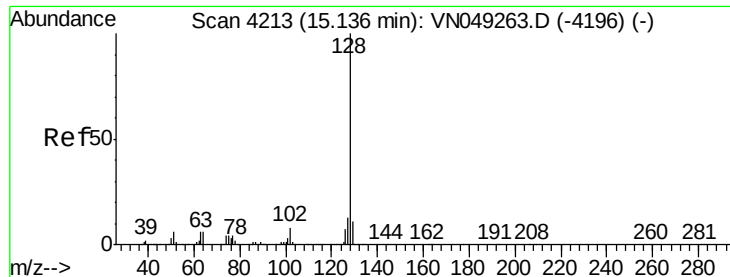


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 22.67 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049554.D

Acq: 26 Jun 2018 15:57

Instrument :

MSVOA_N

ClientSampleId :

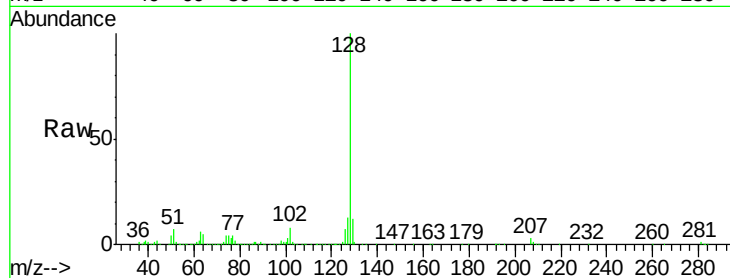
Tot Ion:128 Resp: 434698

Ion Ratio Lower Upper

128 100

127 13.6 10.6 16.0

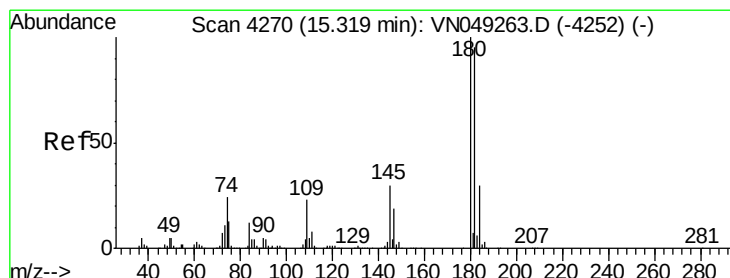
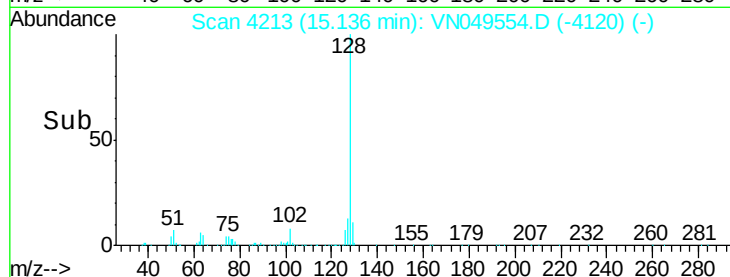
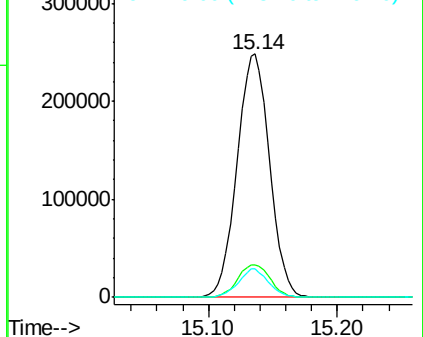
129 11.0 8.5 12.7



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: 4.09 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. -0.00 min

Lab File: VN049554.D

Acq: 26 Jun 2018 15:57

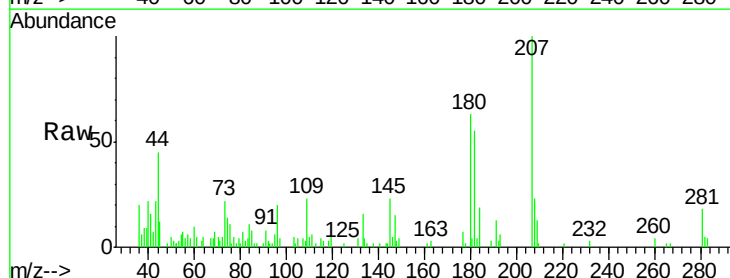
Tgt Ion:180 Resp: 8137

Ion Ratio Lower Upper

180 100

182 107.8 47.3 141.8

145 37.6 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

