

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062618\
 Data File : VN049555.D
 Acq On : 26 Jun 2018 16:23
 Operator : MD\SY
 Sample : J3706-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 27 01:04:08 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	1340489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2098774	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1760466	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	764225	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	849125	47.76	ug/l	0.00
Spiked Amount			Recovery	=	95.52%	
35) Dibromofluoromethane	7.59	113	739239	43.54	ug/l	0.00
Spiked Amount			Recovery	=	87.08%	
50) Toluene-d8	10.09	98	2848584	44.06	ug/l	0.00
Spiked Amount			Recovery	=	88.12%	
62) 4-Bromofluorobenzene	12.40	95	881435	41.23	ug/l	0.00
Spiked Amount			Recovery	=	82.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.80	59	578	0.55	ug/l #	87
13) Acrolein	3.61	56	4107	3.75	ug/l #	76
14) Allyl chloride	4.55	41	223547	9.21	ug/l #	20
16) Acetone	3.82	43	201778	46.74	ug/l	92
17) Carbon Disulfide	4.05	76	17276	0.36	ug/l #	89
18) Methyl Acetate	4.33	43	276825	21.03	ug/l	95
20) Methylene Chloride	4.55	84	6650103	368.84	ug/l	91
25) 2-Butanone	6.84	43	6732	1.16	ug/l	96
29) Tetrahydrofuran	7.21	42	847	0.23	ug/l #	29
30) Chloroform	7.38	83	10143	0.33	ug/l	95
31) Cyclohexane	7.66	56	23035	0.70	ug/l #	3
36) 1,1-Dichloropropene	7.67	75	90256	3.75	ug/l #	51
38) Carbon Tetrachloride	7.67	117	118787	4.77	ug/l #	16
43) Isopropyl Acetate	8.32	43	1551515	62.10	ug/l #	64
47) Bromodichloromethane	9.40	83	5427	0.22	ug/l	86
49) 1,4-Dioxane	9.21	88	495	3.05	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	5183	0.40	ug/l #	61
58) 2-Chloroethyl Vinyl ether	9.70	63	151	14.35	ug/l #	51
59) 2-Hexanone	10.75	43	2383	0.28	ug/l	76
68) m/p-Xylenes	11.62	106	6915	0.24	ug/l	97
70) Styrene	11.97	104	10746	0.25	ug/l #	91
71) Bromoform	12.41	173	5752	0.52	ug/l #	1
74) N-amyl acetate	12.04	43	5292	0.32	ug/l #	49
75) 1,1,2,2-Tetrachloroethane	12.51	83	175	Below	Cal #	84
76) 1,2,3-Trichloropropane	12.40	75	420427	32.24	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	420427	101.90	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.04	105	30374	0.58	ug/l	92
90) Hexachloroethane	13.89	117	1424	Below	Cal #	9
93) 1,2,4-Trichlorobenzene	14.91	180	3292	4.97	ug/l #	70
94) Hexachlorobutadiene	15.01	225	576	Below	Cal #	1
95) Naphthalene	15.14	128	321944	16.65	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	2429	3.63	ug/l #	13

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Response via : Initial Calibration

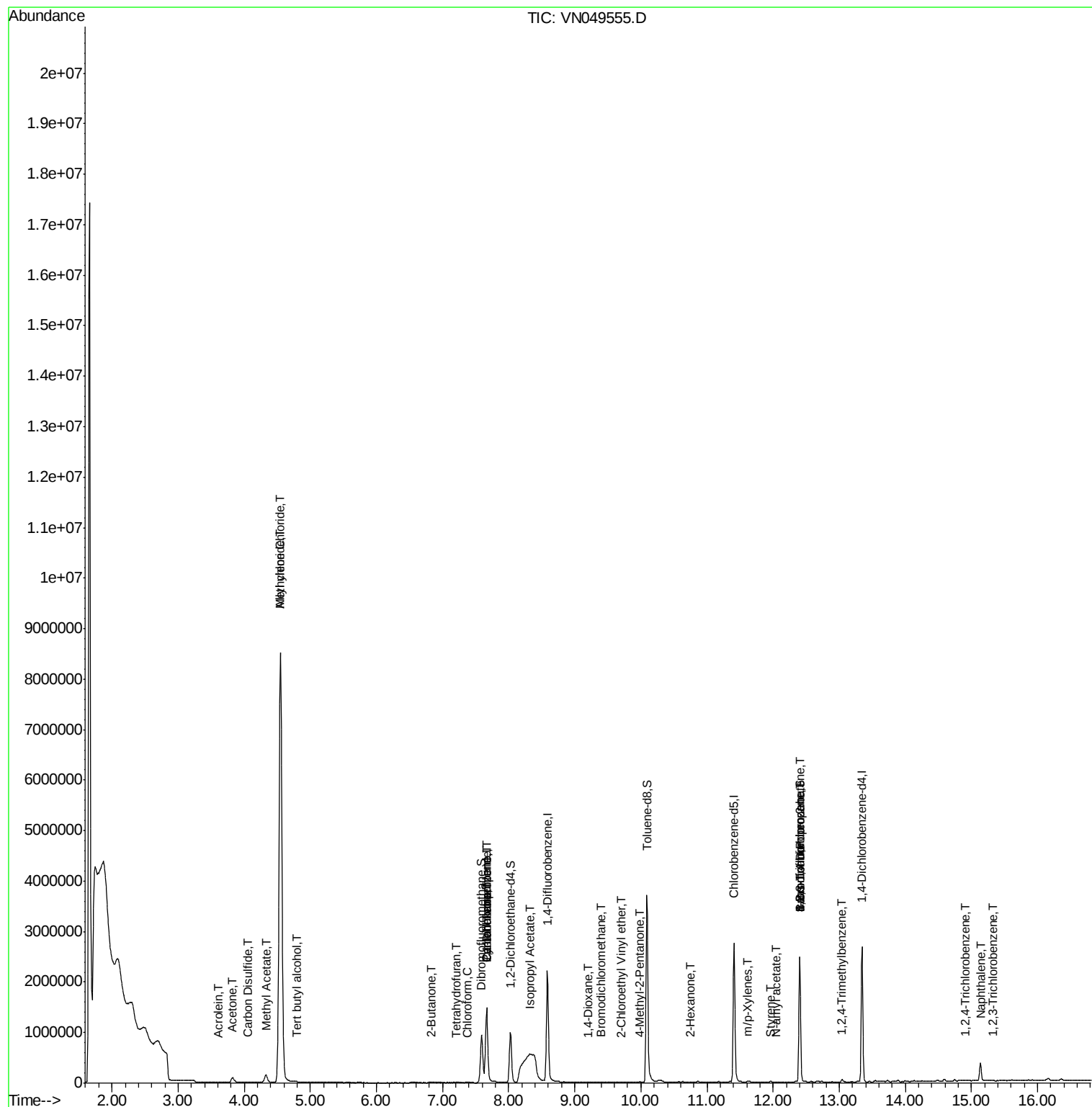
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

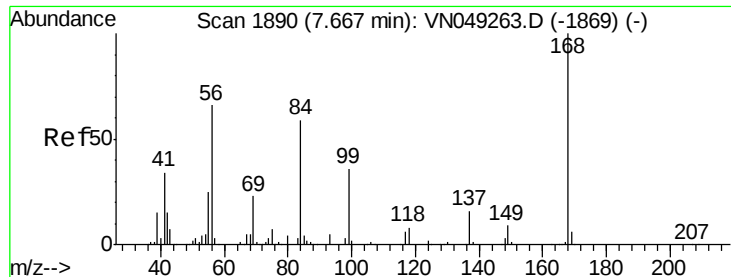
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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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: VN049555.D

Acq: 26 Jun 2018 16:23

Instrument :

MSVOA_N

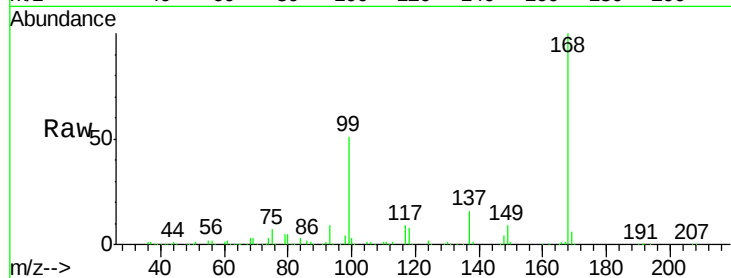
ClientSampleId :

Tot Ion:168 Resp: 1340489

Ion Ratio Lower Upper

168 100

99 51.2 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

600000

500000

400000

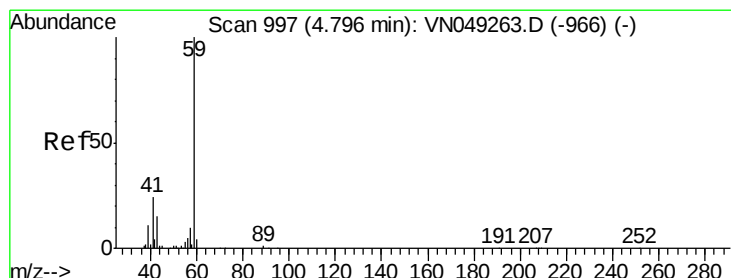
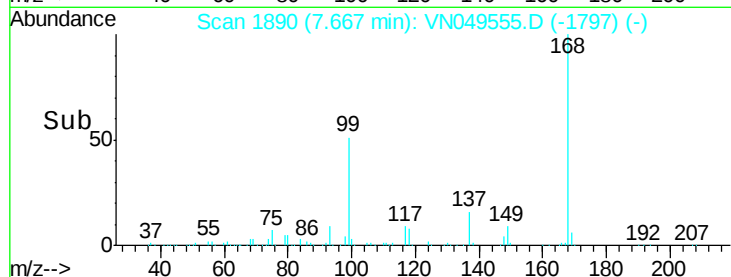
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.55 ug/l

RT: 4.80 min Scan# 999

Delta R.T. 0.01 min

Lab File: VN049555.D

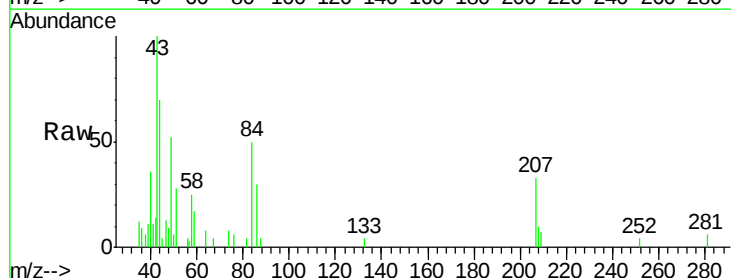
Acq: 26 Jun 2018 16:23

Tgt Ion: 59 Resp: 578

Ion Ratio Lower Upper

59 100

57 16.1 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.80

800

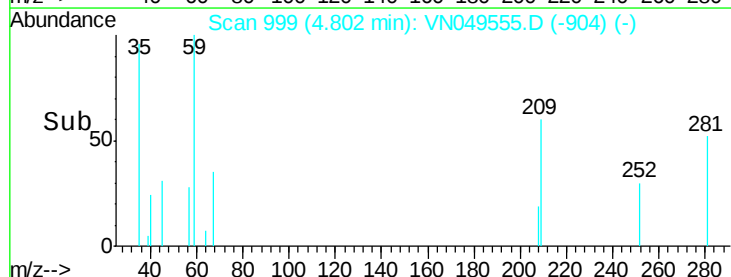
600

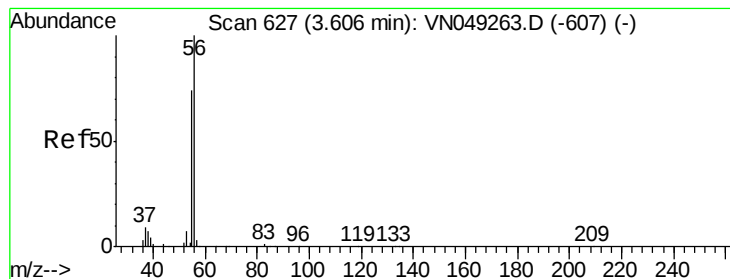
400

200

0

Time-->





#13

Acrolein

Concen: 3.75 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN049555.D

Acq: 26 Jun 2018 16:23

Instrument :

MSVOA_N

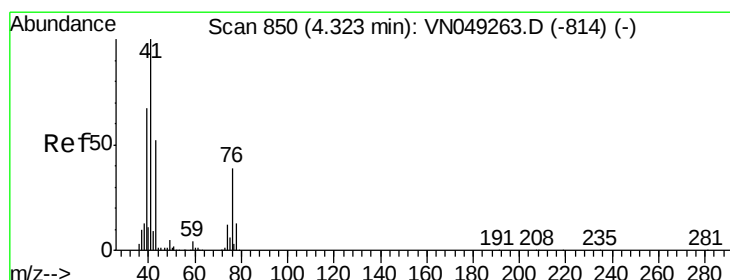
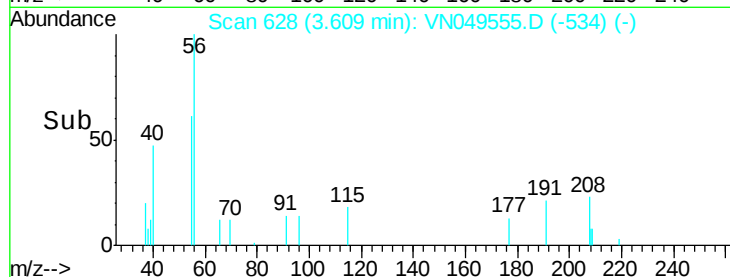
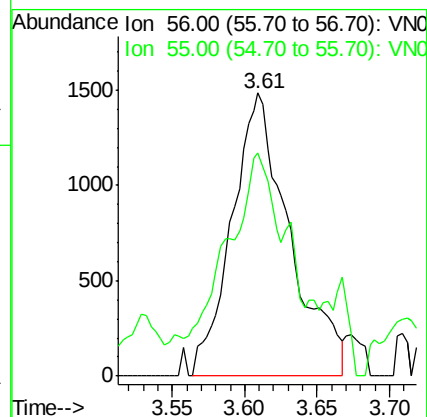
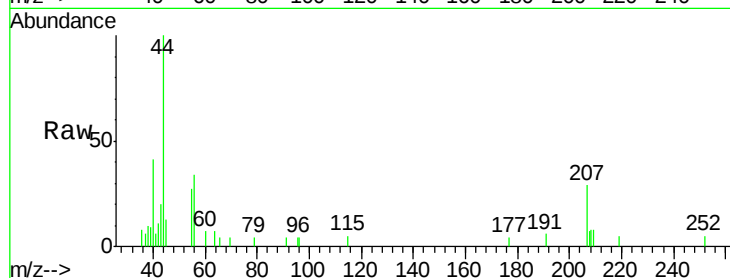
ClientSampleId :

Tot Ion: 56 Resp: 4107

Ion Ratio Lower Upper

56 100

55 51.6 57.1 85.7#



#14

Allyl chloride

Concen: 9.21 ug/l

RT: 4.55 min Scan# 920

Delta R.T. 0.23 min

Lab File: VN049555.D

Acq: 26 Jun 2018 16:23

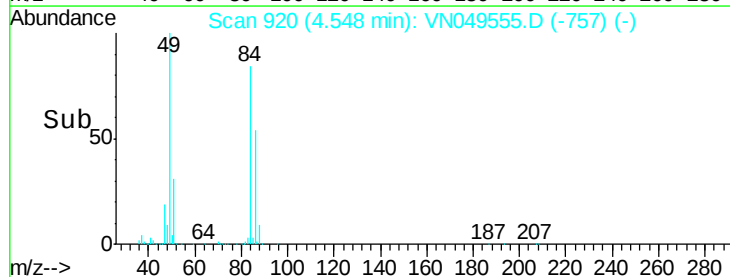
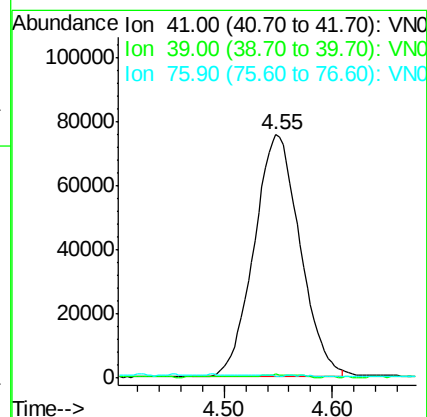
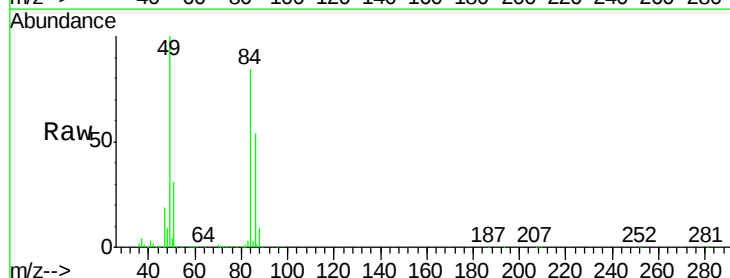
Tgt Ion: 41 Resp: 223547

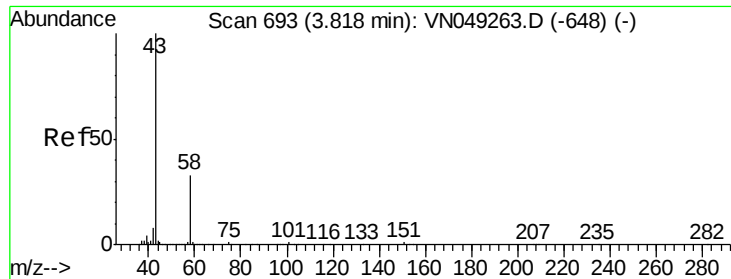
Ion Ratio Lower Upper

41 100

39 0.9 62.5 93.7#

76 0.0 27.1 40.7#





#16

Acetone

Concen: 46.74 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049555.D

Acq: 26 Jun 2018 16:23

Instrument :

MSVOA_N

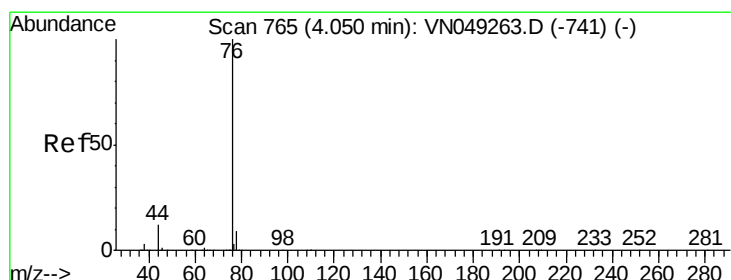
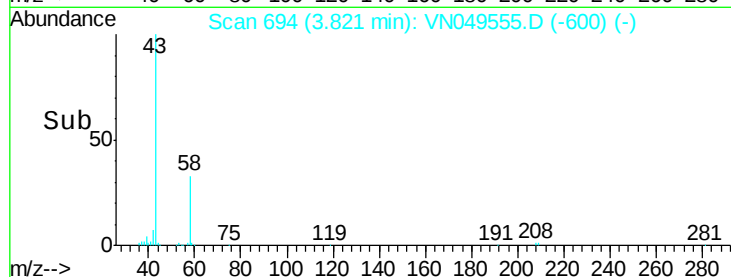
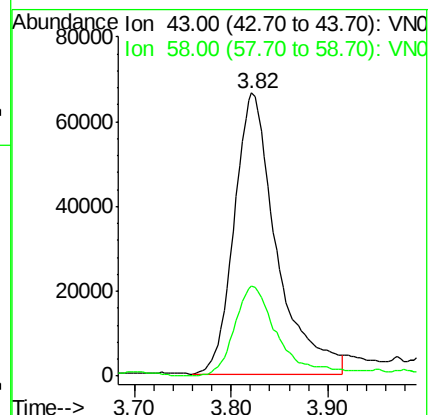
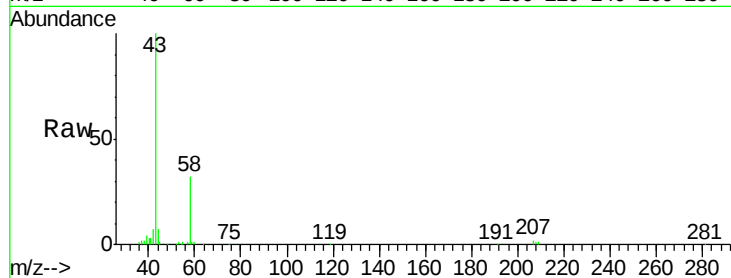
ClientSampled :

Tot Ion: 43 Resp: 201778

Ion Ratio Lower Upper

43 100

58 32.0 22.4 33.6



#17

Carbon Disulfide

Concen: 0.36 ug/l

RT: 4.05 min Scan# 766

Delta R.T. 0.00 min

Lab File: VN049555.D

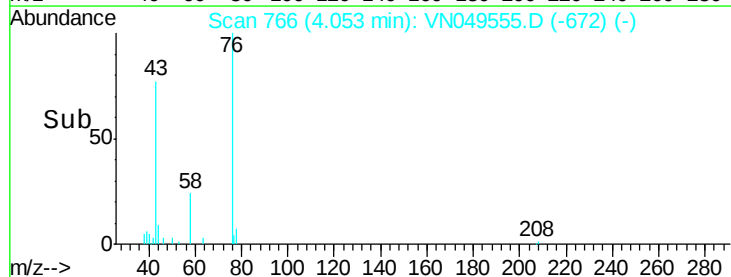
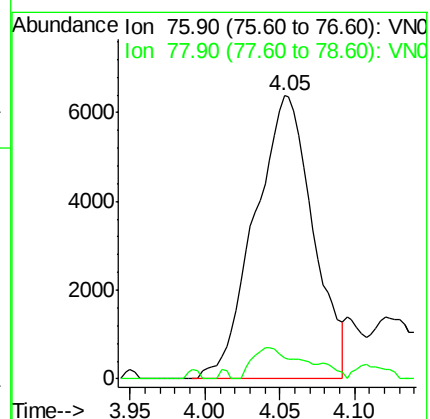
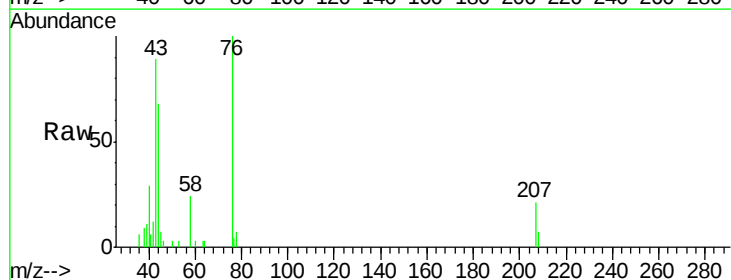
Acq: 26 Jun 2018 16:23

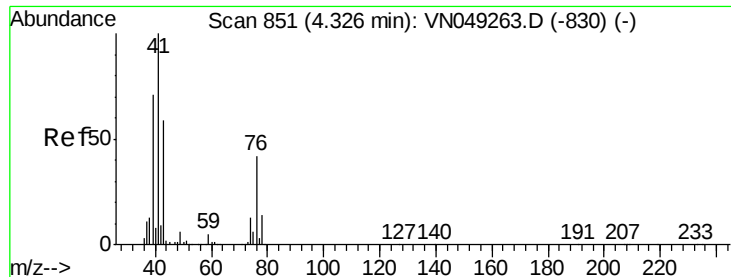
Tgt Ion: 76 Resp: 17276

Ion Ratio Lower Upper

76 100

78 5.0 7.4 11.0#

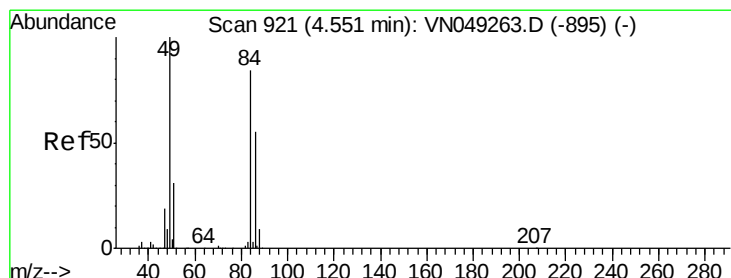
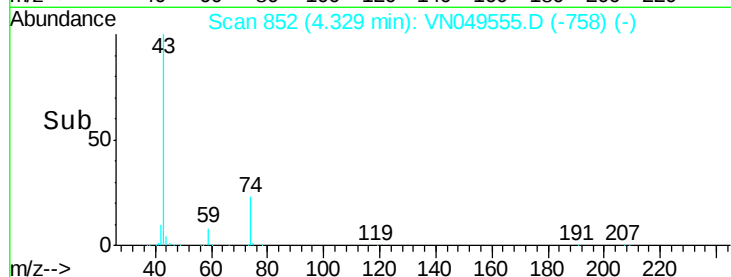
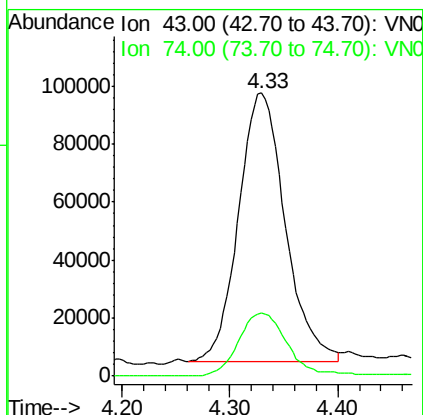
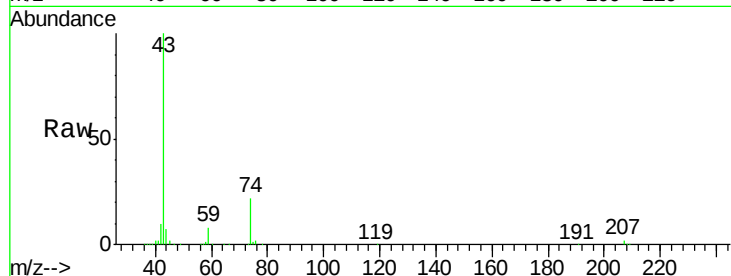




#18
Methyl Acetate
Concen: 21.03 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049555.D
Acq: 26 Jun 2018 16:23

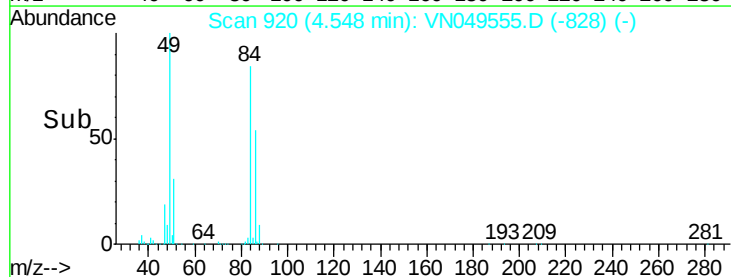
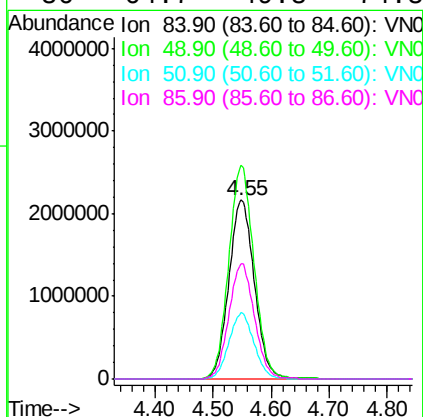
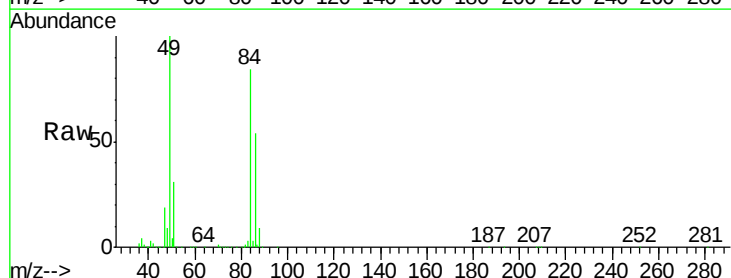
Instrument :
MSVOA_N
ClientSampled :

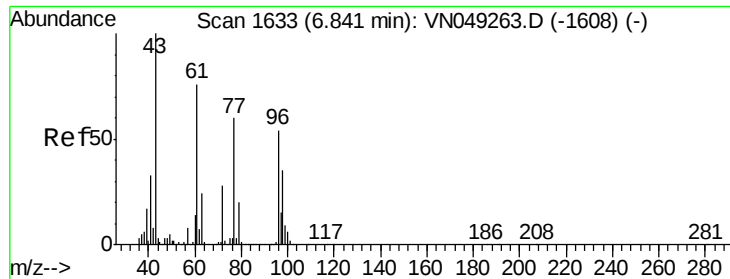
Tot Ion: 43 Resp: 276825
Ion Ratio Lower Upper
43 100
74 24.0 17.4 26.0



#20
Methylene Chloride
Concen: 368.84 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049555.D
Acq: 26 Jun 2018 16:23

Tgt Ion: 84 Resp: 6650103
Ion Ratio Lower Upper
84 100
49 119.4 106.9 160.3
51 36.9 32.7 49.1
86 64.7 49.8 74.8

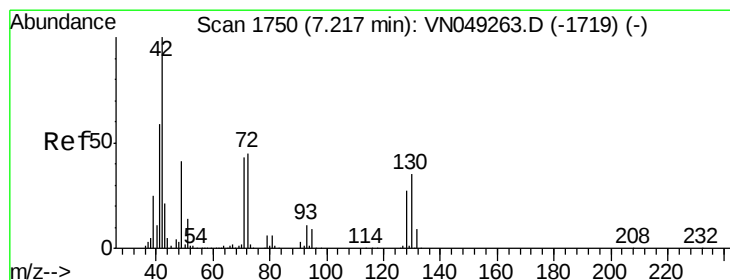
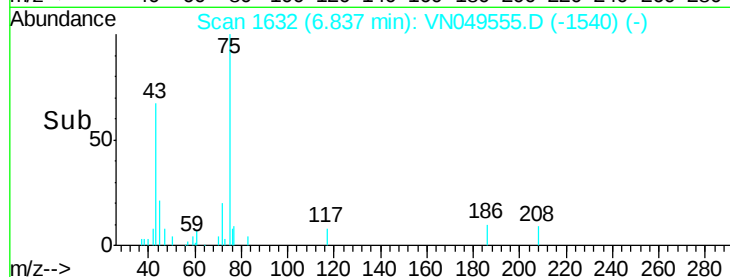
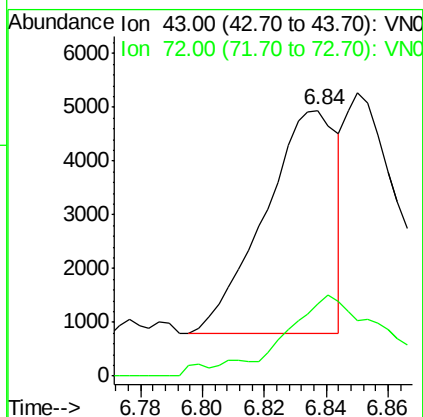
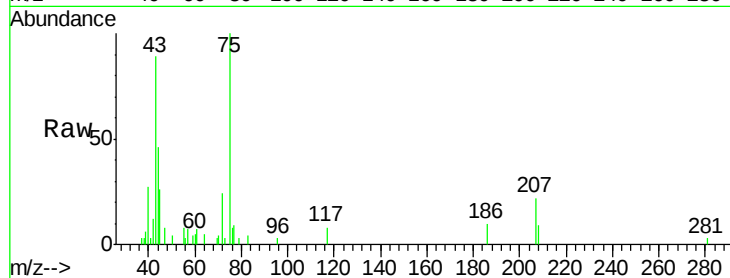




#25
2-Butanone
Concen: 1.16 ug/l
RT: 6.84 min Scan# 1632
Delta R.T. -0.00 min
Lab File: VN049555.D
Acq: 26 Jun 2018 16:23

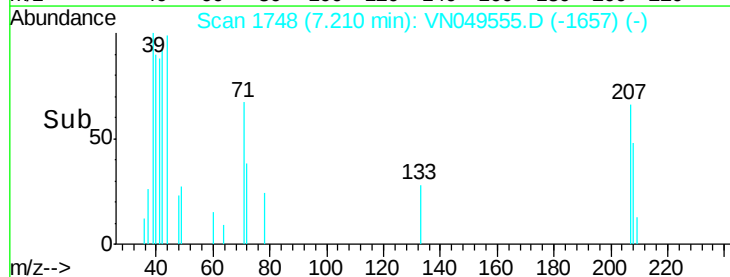
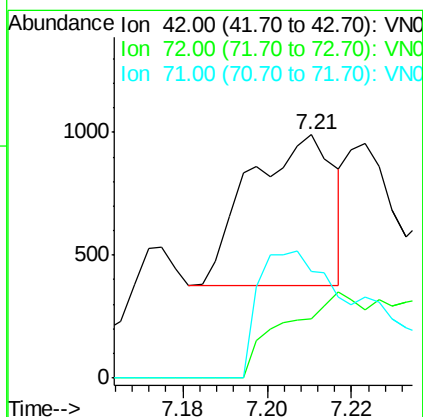
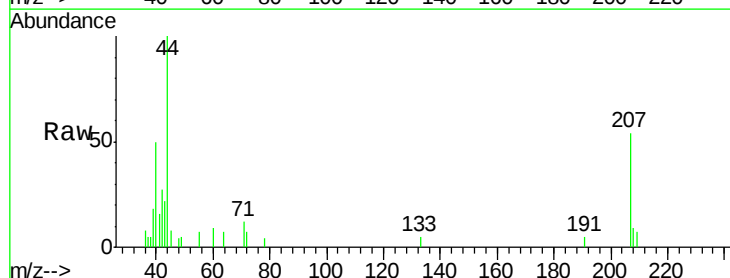
Instrument :
MSVOA_N
ClientSampled :

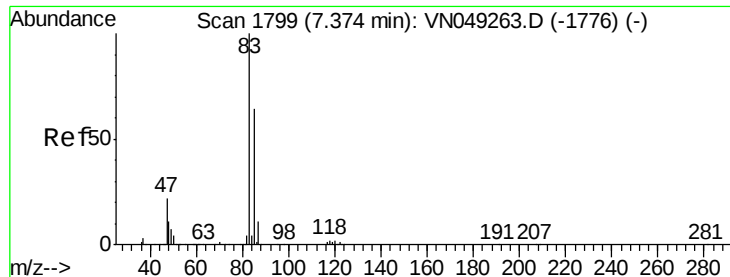
Tot Ion: 43 Resp: 6732
Ion Ratio Lower Upper
43 100
72 27.3 20.2 30.2



#29
Tetrahydrofuran
Concen: 0.23 ug/l
RT: 7.21 min Scan# 1748
Delta R.T. -0.01 min
Lab File: VN049555.D
Acq: 26 Jun 2018 16:23

Tgt Ion: 42 Resp: 847
Ion Ratio Lower Upper
42 100
72 52.3 32.2 48.4#
71 114.3 30.5 45.7#

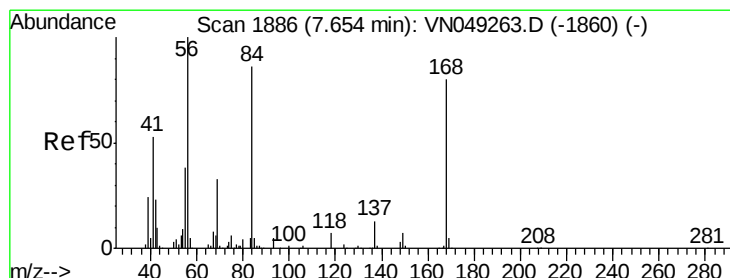
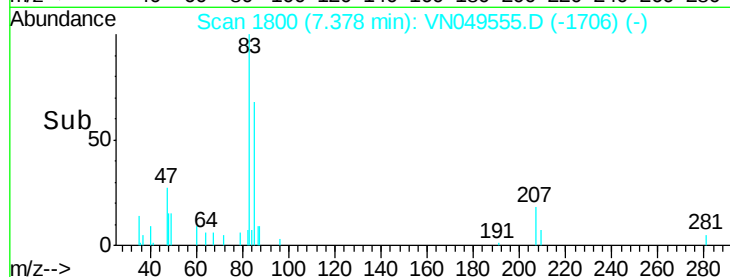
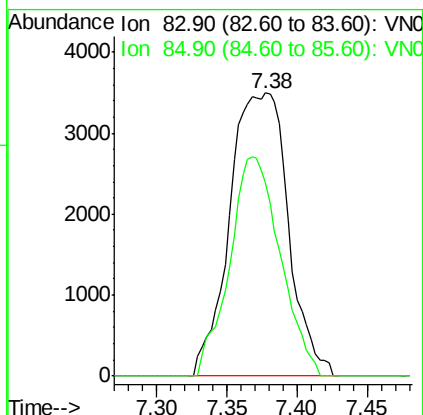
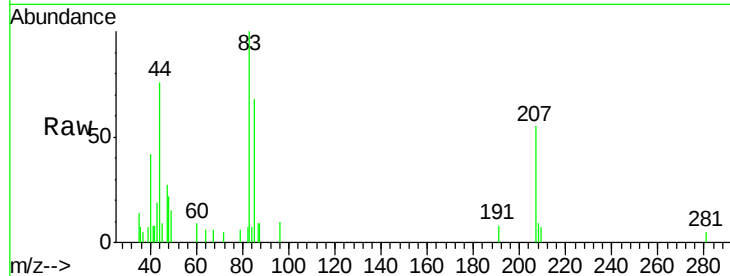




#30
Chloroform
Concen: 0.33 ug/l
RT: 7.38 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN049555.D
Acq: 26 Jun 2018 16:23

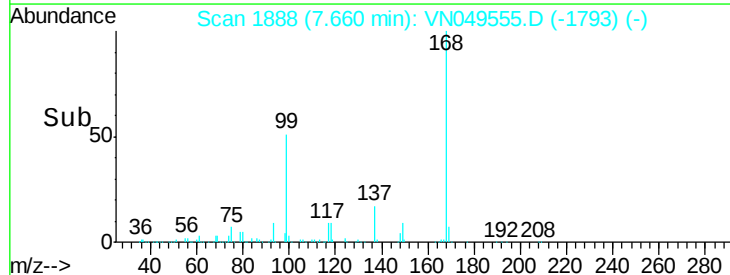
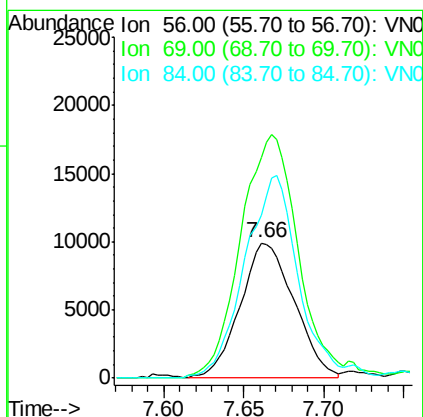
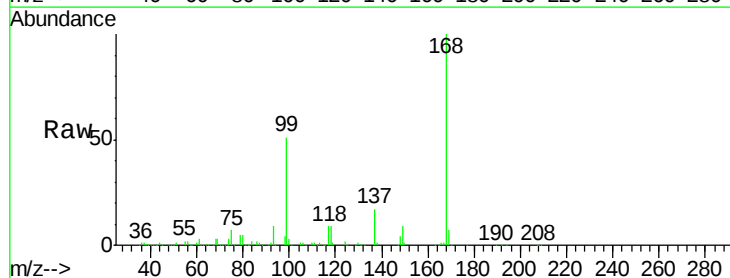
Instrument :
MSVOA_N
ClientSampleId :

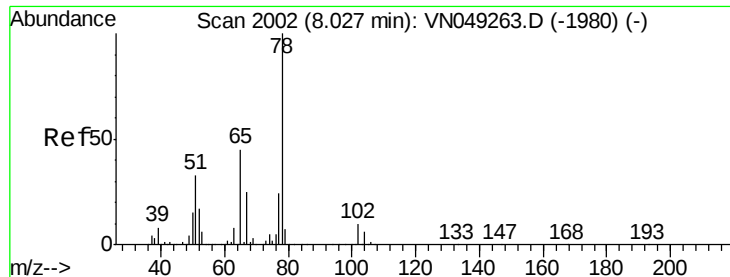
Tot Ion: 83 Resp: 10143
Ion Ratio Lower Upper
83 100
85 68.3 51.7 77.5



#31
Cyclohexane
Concen: 0.70 ug/l
RT: 7.66 min Scan# 1888
Delta R.T. 0.01 min
Lab File: VN049555.D
Acq: 26 Jun 2018 16:23

Tgt Ion: 56 Resp: 23035
Ion Ratio Lower Upper
56 100
69 160.9 25.0 37.4#
84 118.9 64.6 96.8#

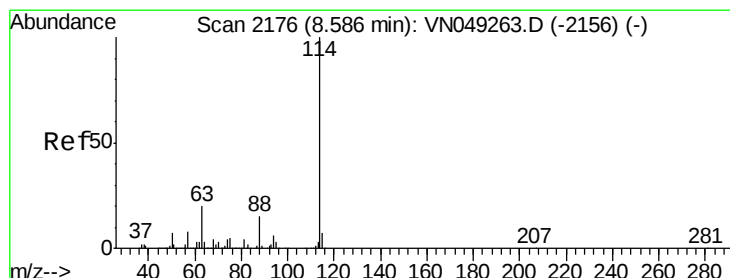
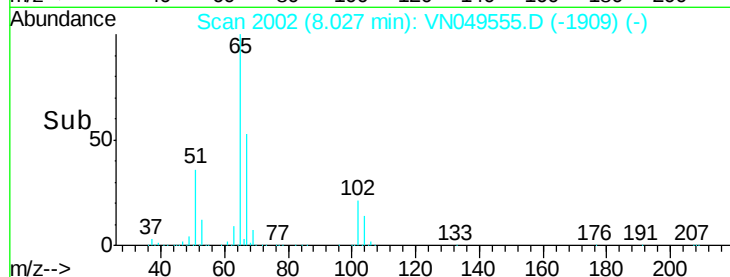
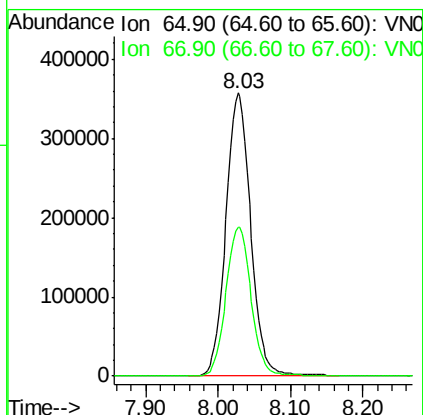
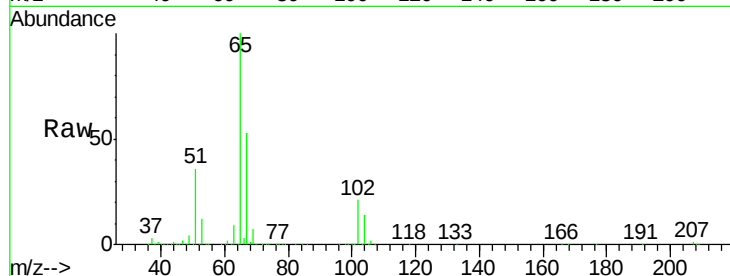




#33
 1,2-Dichloroethane-d4
 Concen: 47.76 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN049555.D
 Acq: 26 Jun 2018 16:23

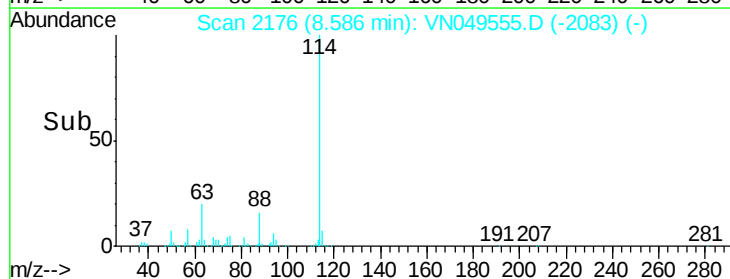
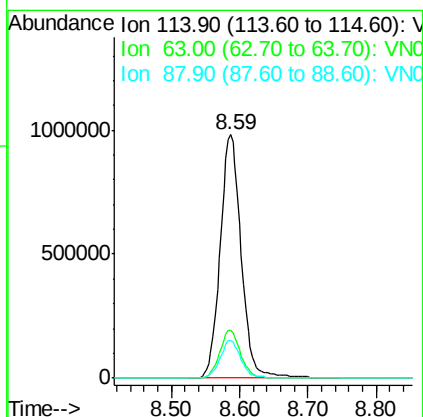
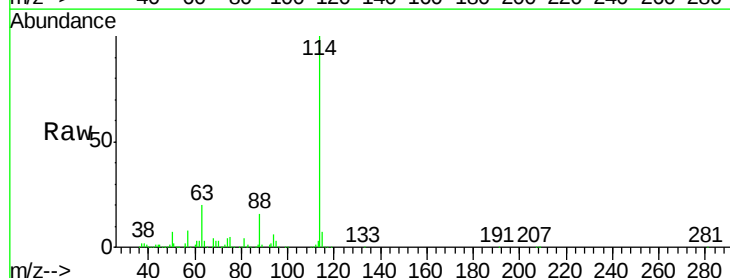
Instrument :
 MSVOA_N
 ClientSampleId :

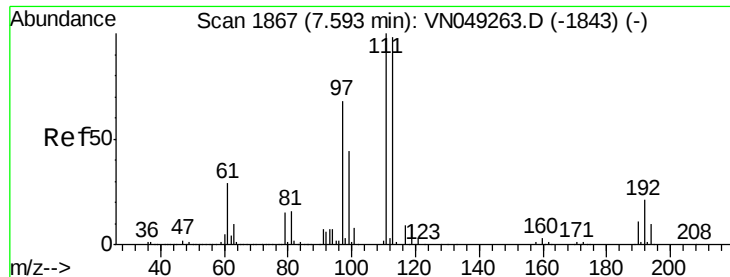
Tot Ion: 65 Resp: 849125
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049555.D
 Acq: 26 Jun 2018 16:23

Tgt Ion: 114 Resp: 2098774
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 44.4
 88 15.6 0.0 31.4

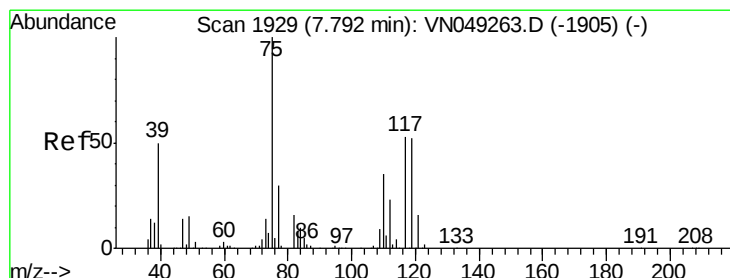
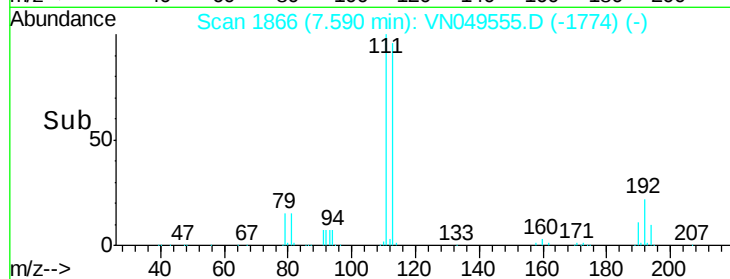
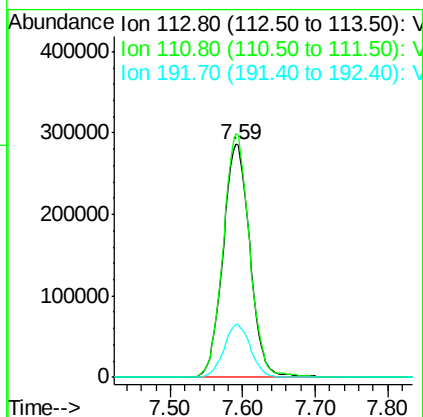
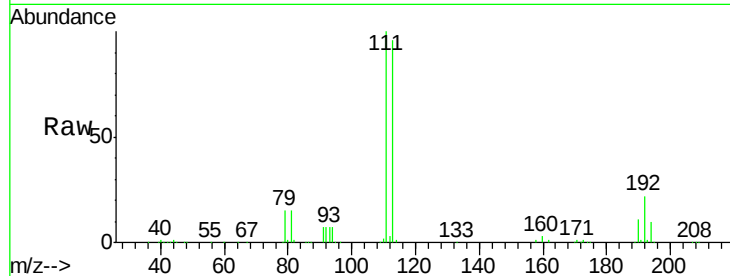




#35
 Dibromofluoromethane
 Concen: 43.54 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN049555.D
 Acq: 26 Jun 2018 16:23

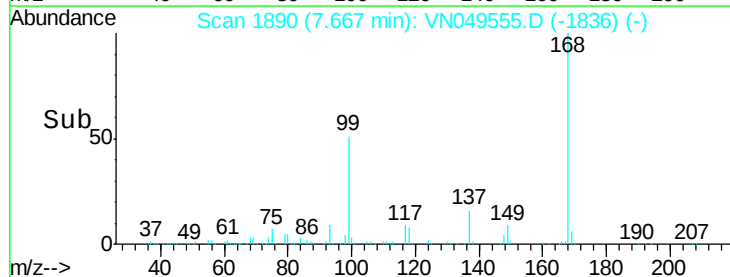
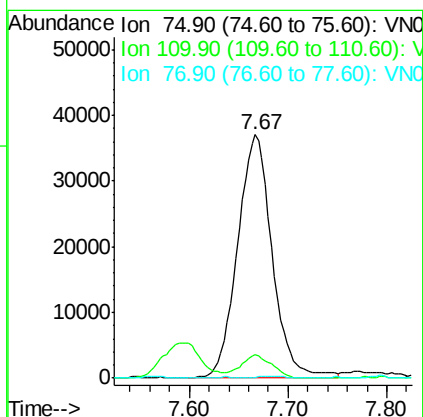
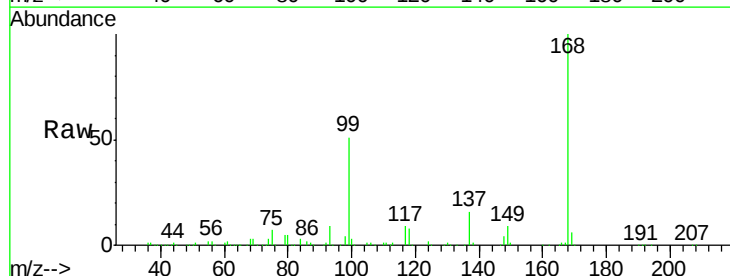
Instrument :
 MSVOA_N
 ClientSampleId :

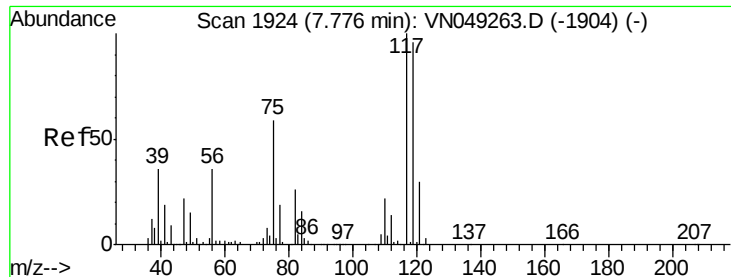
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.4	123.6
192	22.3	15.0	22.6



#36
 1,1-Dichloropropene
 Concen: 3.75 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN049555.D
 Acq: 26 Jun 2018 16:23

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.0	50.9#
77	0.5	24.4	36.6#

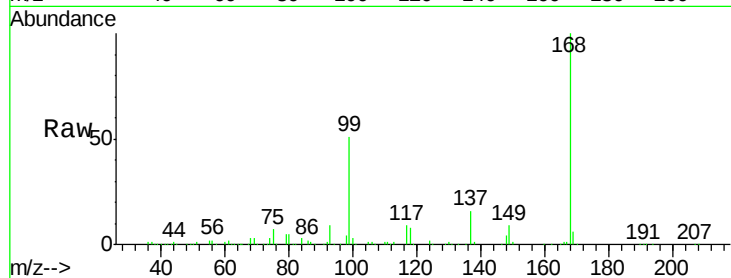




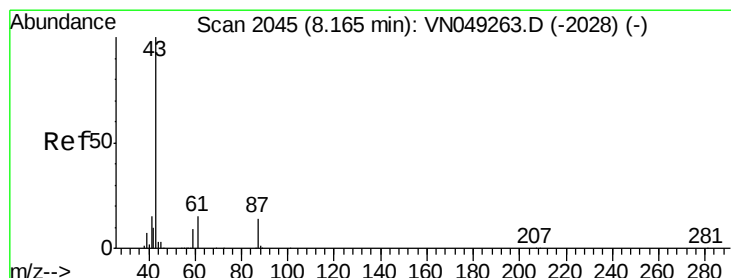
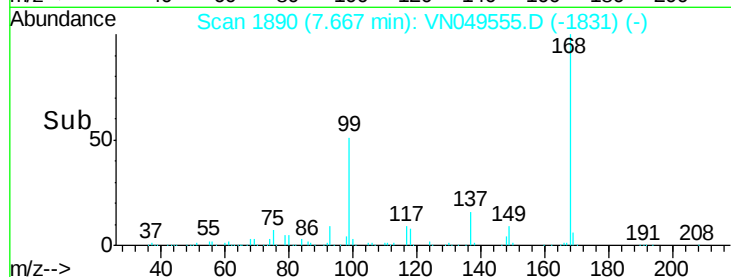
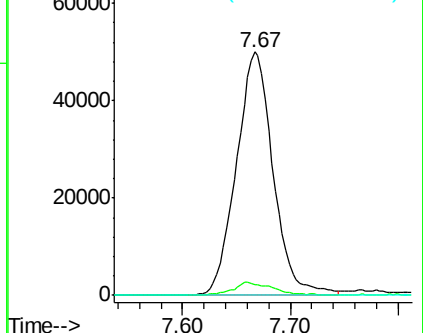
#38
Carbon Tetrachloride
Concen: 4.77 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN049555.D
Acq: 26 Jun 2018 16:23

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 118787
Ion Ratio Lower Upper
117 100
119 4.3 75.6 113.4#
121 0.0 24.7 37.1#

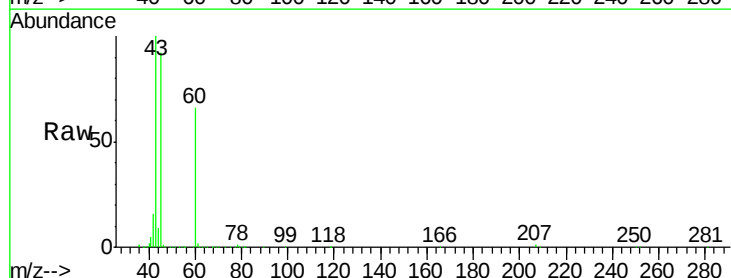


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

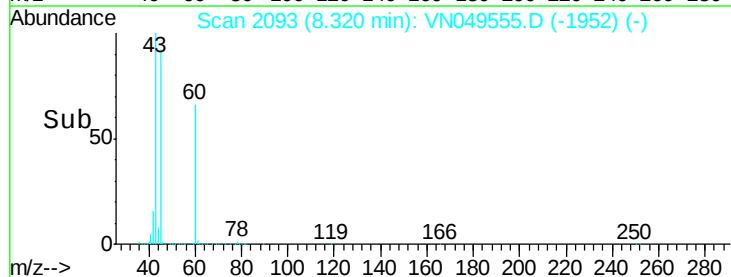
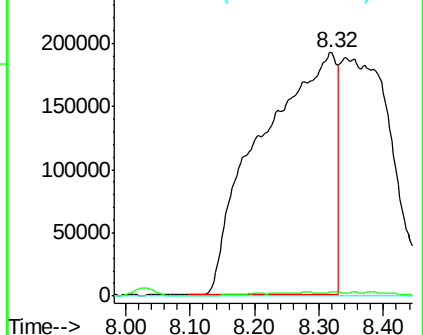


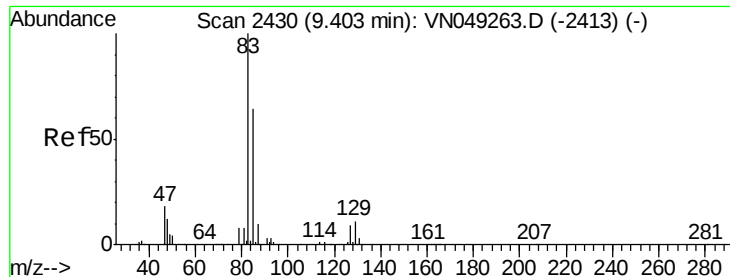
#43
Isopropyl Acetate
Concen: 62.10 ug/l
RT: 8.32 min Scan# 2093
Delta R.T. 0.15 min
Lab File: VN049555.D
Acq: 26 Jun 2018 16:23

Tgt Ion: 43 Resp: 1551515
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): V
Ion 61.00 (60.70 to 61.70): V
Ion 87.00 (86.70 to 87.70): V





#47

Bromodichloromethane

Concen: 0.22 ug/l

RT: 9.40 min Scan# 2429

Delta R.T. -0.00 min

Lab File: VN049555.D

Acq: 26 Jun 2018 16:23

Instrument :

MSVOA_N

ClientSampled :

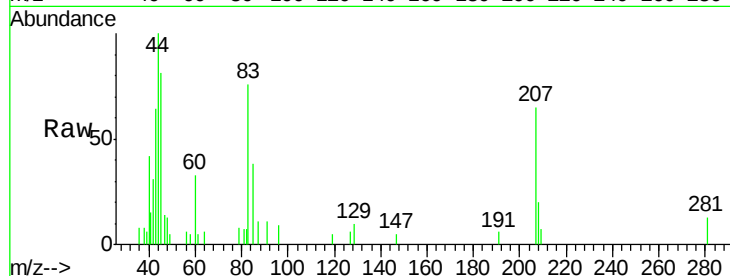
Tot Ion: 83 Resp: 5427

Ion Ratio Lower Upper

83 100

85 49.6 49.4 74.0

127 7.9 6.3 9.5

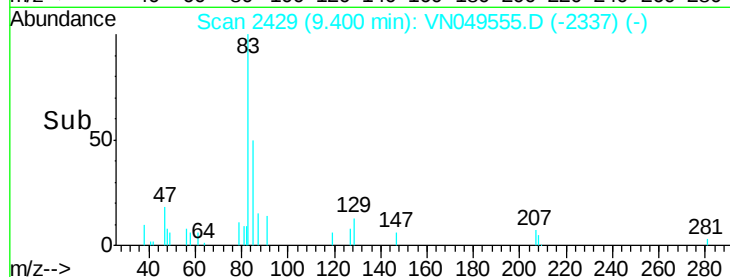


Abundance Ion 82.90 (82.60 to 83.60): VN049263.D (-2413) (-)

Ion 84.90 (84.60 to 85.60): VN049263.D (-2413) (-)

Ion 126.80 (126.50 to 127.50): VN049263.D (-2413) (-)

Time-->

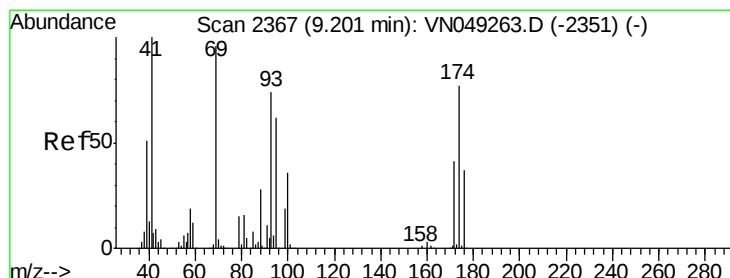


Abundance Ion 82.90 (82.60 to 83.60): VN049555.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN049555.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049555.D (-2337) (-)

Time-->



#49

1,4-Dioxane

Concen: 3.05 ug/l

RT: 9.21 min Scan# 2369

Delta R.T. 0.01 min

Lab File: VN049555.D

Acq: 26 Jun 2018 16:23

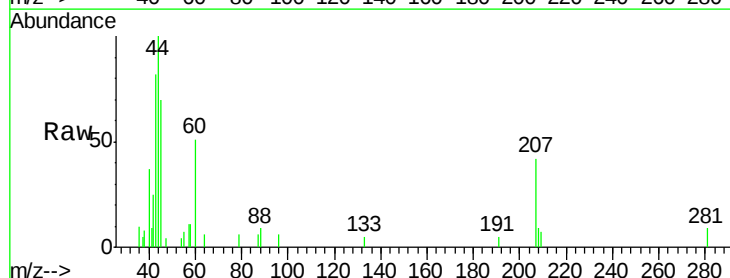
Tgt Ion: 88 Resp: 495

Ion Ratio Lower Upper

88 100

43 69.5 30.9 46.3#

58 177.8 58.9 88.3#

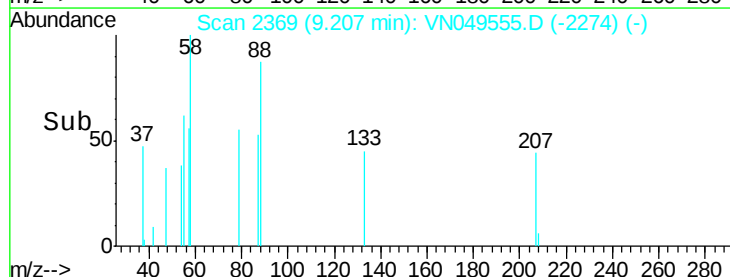


Abundance Ion 88.00 (87.70 to 88.70): VN049263.D (-2351) (-)

Ion 43.00 (42.70 to 43.70): VN049263.D (-2351) (-)

Ion 58.00 (57.70 to 58.70): VN049263.D (-2351) (-)

Time-->

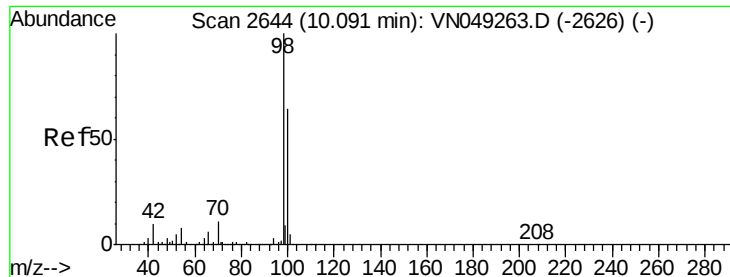


Abundance Ion 88.00 (87.70 to 88.70): VN049555.D (-2274) (-)

Ion 43.00 (42.70 to 43.70): VN049555.D (-2274) (-)

Ion 58.00 (57.70 to 58.70): VN049555.D (-2274) (-)

Time-->



#50

Toluene-d8

Concen: 44.06 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049555.D

Acq: 26 Jun 2018 16:23

Instrument :

MSVOA_N

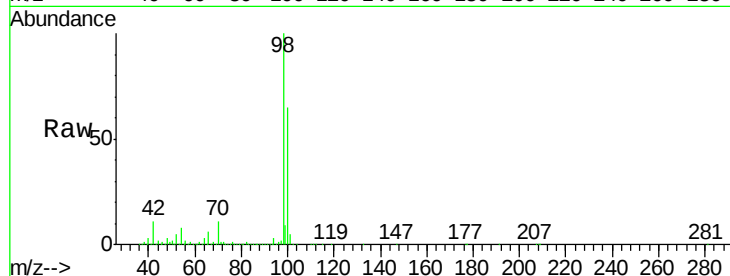
ClientSampleId :

Tot Ion: 98 Resp: 2848584

Ion Ratio Lower Upper

98 100

100 64.4 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN049263.D (-2626) (-)

Ion 100.00 (99.70 to 100.70): VN049263.D (-2626) (-)

10.09

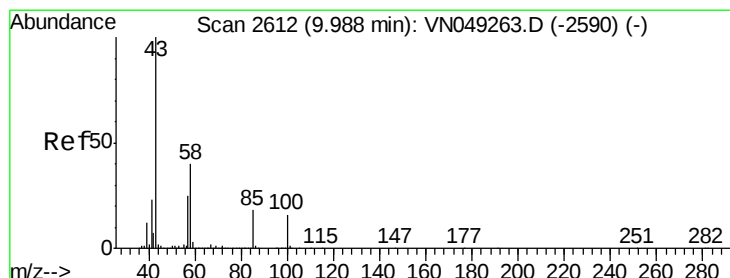
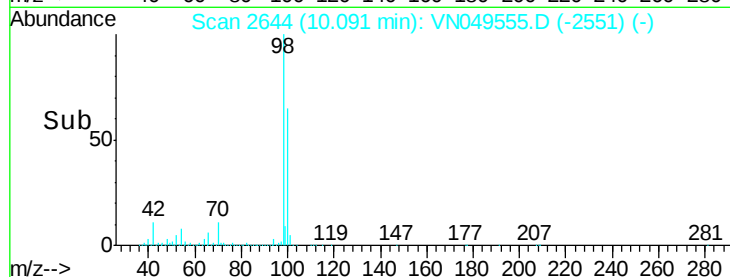
1500000

1000000

500000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.40 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. 0.00 min

Lab File: VN049555.D

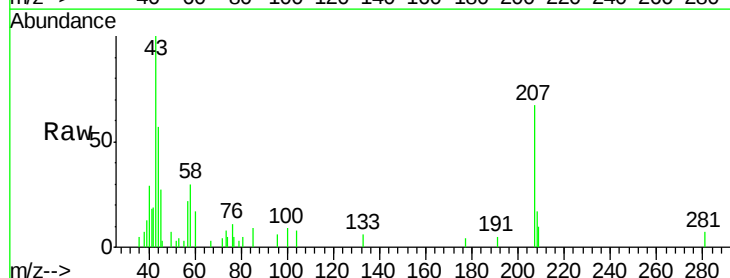
Acq: 26 Jun 2018 16:23

Tgt Ion: 43 Resp: 5183

Ion Ratio Lower Upper

43 100

58 59.4 29.0 43.6#



Abundance Ion 43.00 (42.70 to 43.70): VN049263.D (-2590) (-)

Ion 58.00 (57.70 to 58.70): VN049263.D (-2590) (-)

9.99

6000

5000

4000

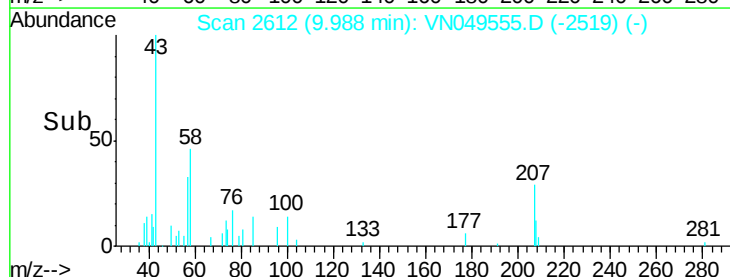
3000

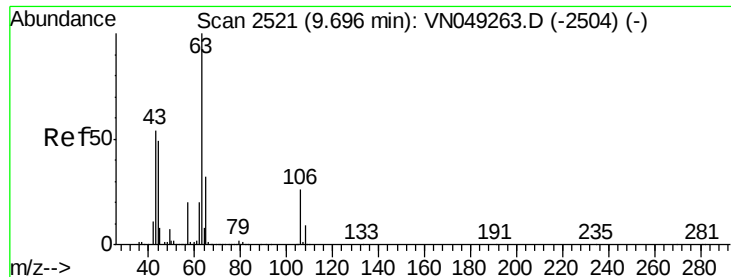
2000

1000

0

Time-->





#58

2-Chloroethyl Vinyl ether

Concen: 14.35 ug/l

RT: 9.70 min Scan# 2523

Delta R.T. 0.01 min

Lab File: VN049555.D

Acq: 26 Jun 2018 16:23

Instrument :

MSVOA_N

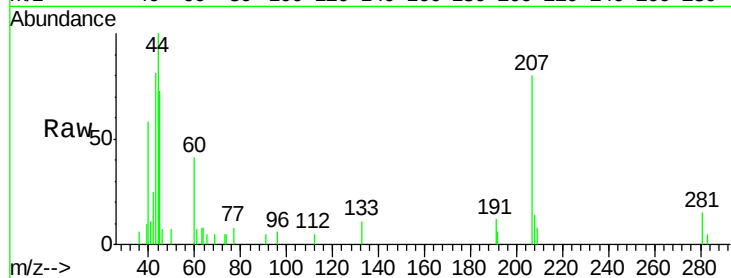
ClientSampleId :

Tot Ion: 63 Resp: 151

Ion Ratio Lower Upper

63 100

106 0.0 19.4 29.2#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.70

250

200

150

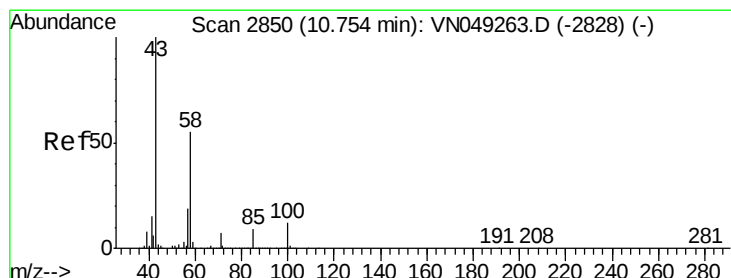
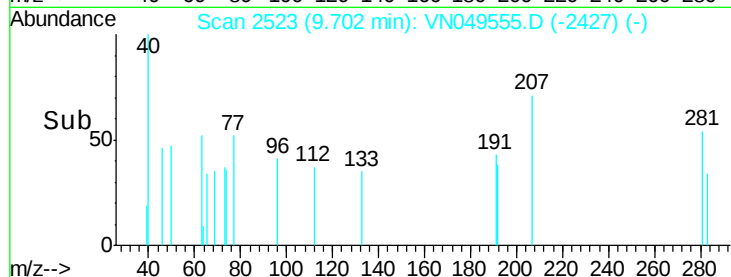
100

50

0

9.68 9.69 9.70 9.71

Time-->



#59

2-Hexanone

Concen: 0.28 ug/l

RT: 10.75 min Scan# 2849

Delta R.T. -0.00 min

Lab File: VN049555.D

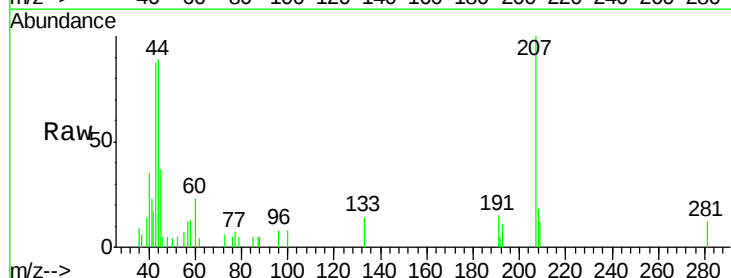
Acq: 26 Jun 2018 16:23

Tgt Ion: 43 Resp: 2383

Ion Ratio Lower Upper

43 100

58 67.0 25.2 75.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10.75

3000

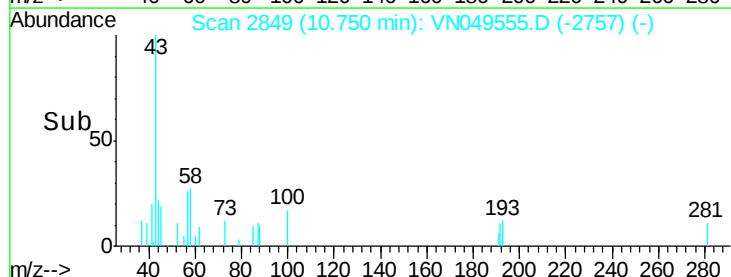
2000

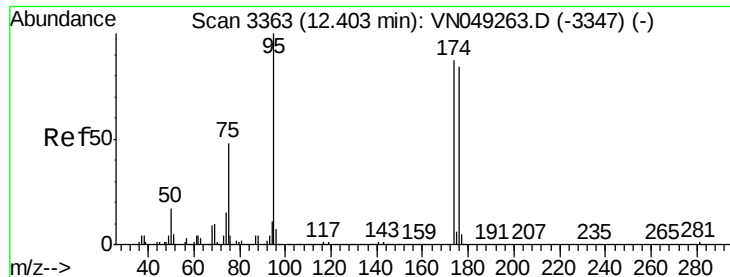
1000

0

10.72 10.74 10.76

Time-->





#62

4-Bromofluorobenzene

Concen: 41.23 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049555.D

Acq: 26 Jun 2018 16:23

Instrument :

MSVOA_N

ClientSampleId :

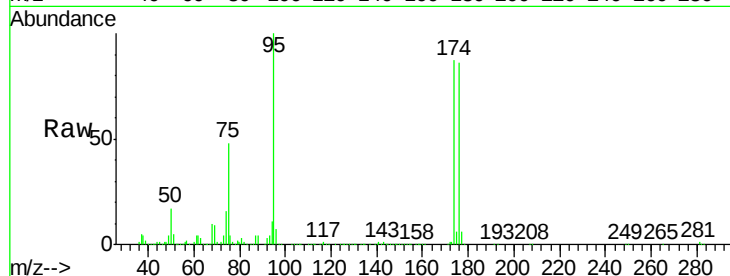
Tot Ion: 95 Resp: 881435

Ion Ratio Lower Upper

95 100

174 88.2 0.0 165.6

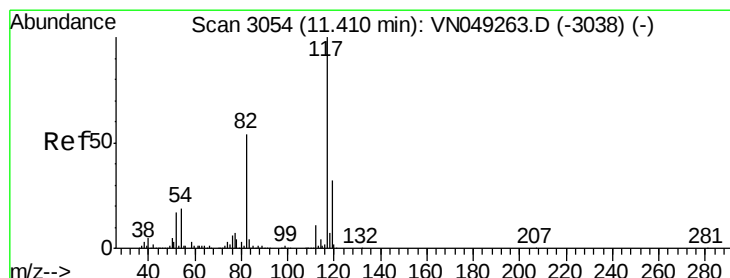
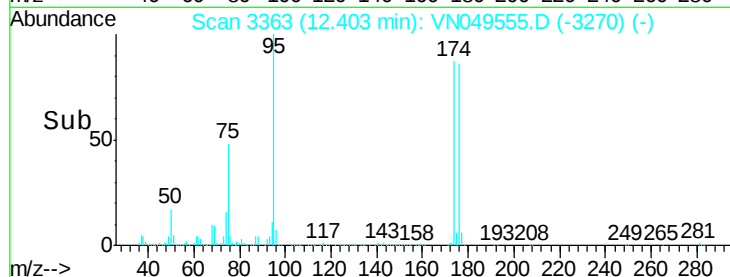
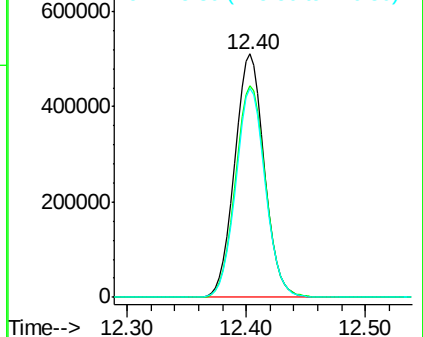
176 85.5 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049555.D

Acq: 26 Jun 2018 16:23

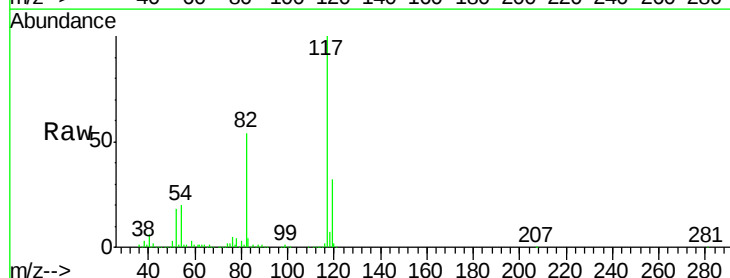
Tgt Ion: 117 Resp: 1760466

Ion Ratio Lower Upper

117 100

82 53.6 45.9 68.9

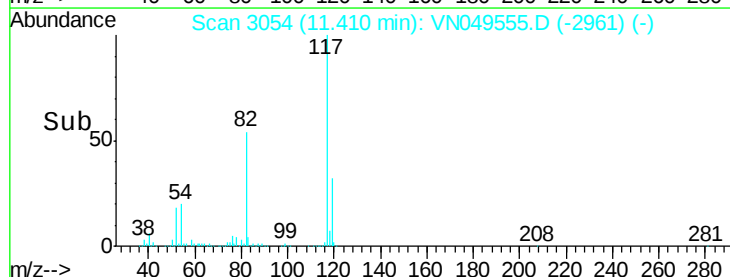
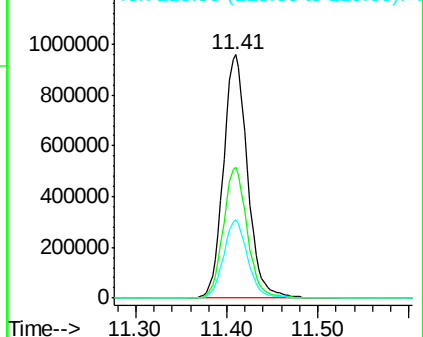
119 32.1 25.5 38.3

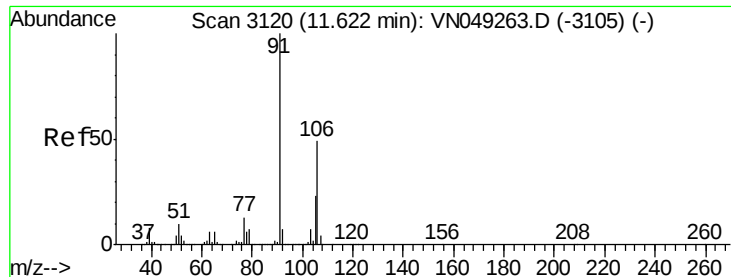


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

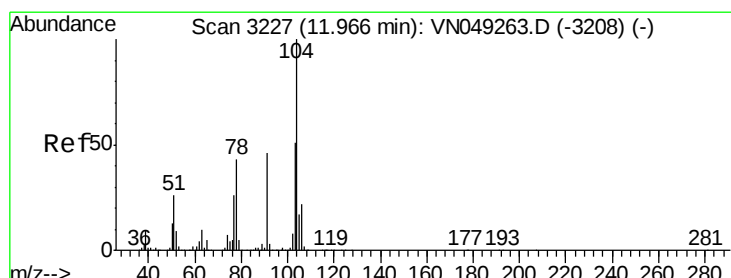
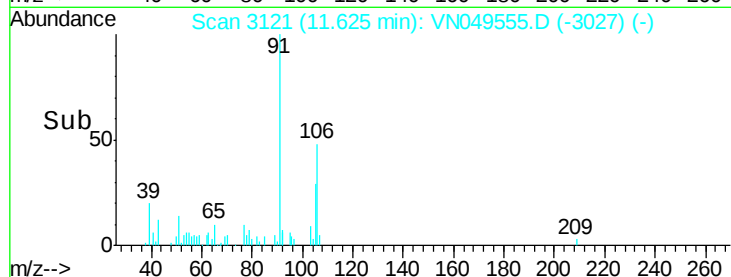
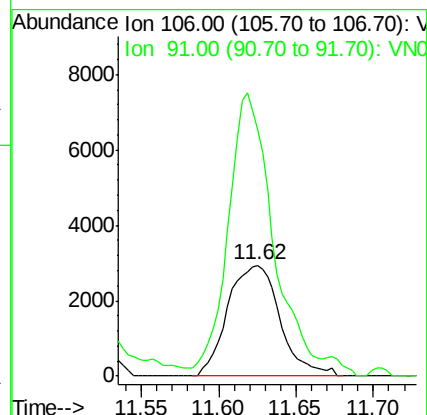
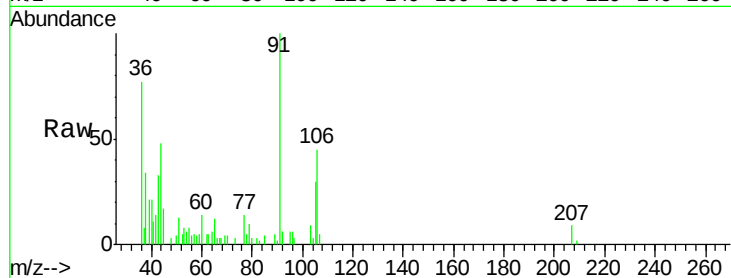




#68
m/p-Xylenes
Concen: 0.24 ug/l
RT: 11.62 min Scan# 3121
Delta R.T. 0.00 min
Lab File: VN049555.D
Acq: 26 Jun 2018 16:23

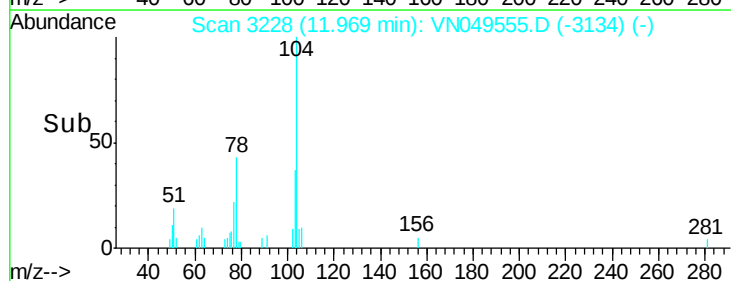
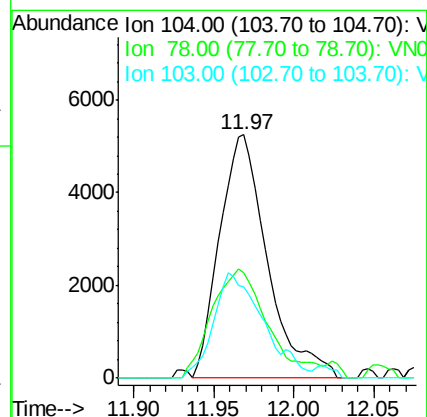
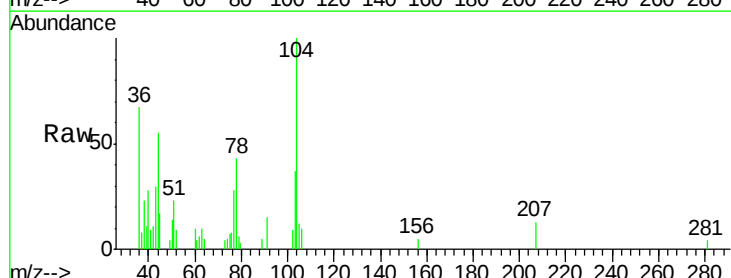
Instrument :
MSVOA_N
ClientSampled :

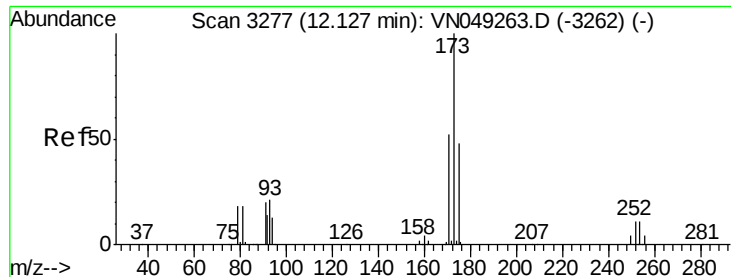
Tot Ion:106 Resp: 6915
Ion Ratio Lower Upper
106 100
91 204.4 167.3 250.9



#70
Styrene
Concen: 0.25 ug/l
RT: 11.97 min Scan# 3228
Delta R.T. 0.00 min
Lab File: VN049555.D
Acq: 26 Jun 2018 16:23

Tgt Ion:104 Resp: 10746
Ion Ratio Lower Upper
104 100
78 52.7 41.6 62.4
103 45.2 45.4 68.2#





#71

Bromoform

Concen: 0.52 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.28 min

Lab File: VN049555.D

Acq: 26 Jun 2018 16:23

Instrument :

MSVOA_N

ClientSampleId :

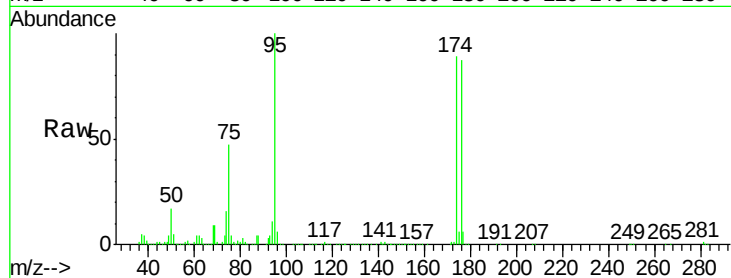
Tot Ion:173 Resp: 5752

Ion Ratio Lower Upper

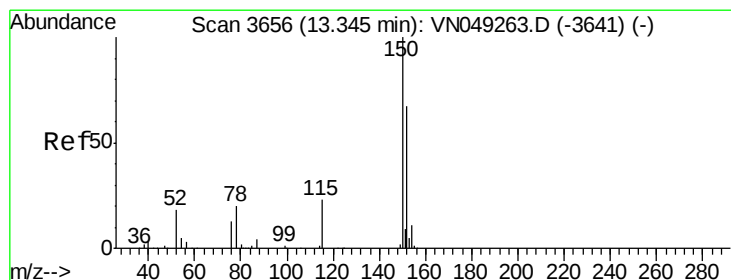
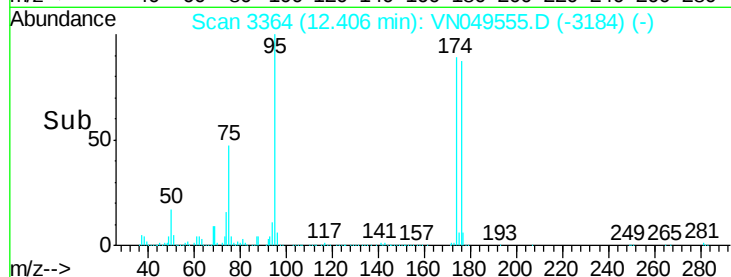
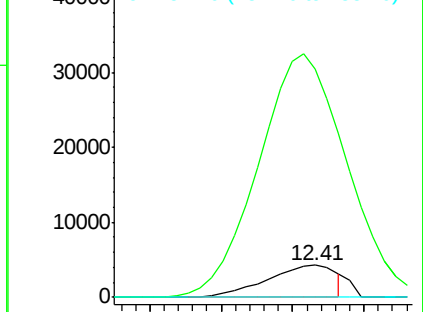
173 100

175 808.3 24.5 73.5#

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049555.D

Acq: 26 Jun 2018 16:23

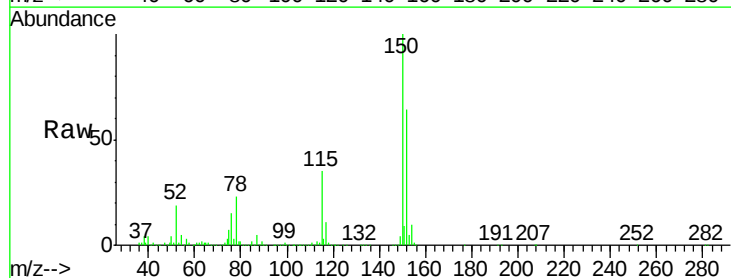
Tgt Ion:152 Resp: 764225

Ion Ratio Lower Upper

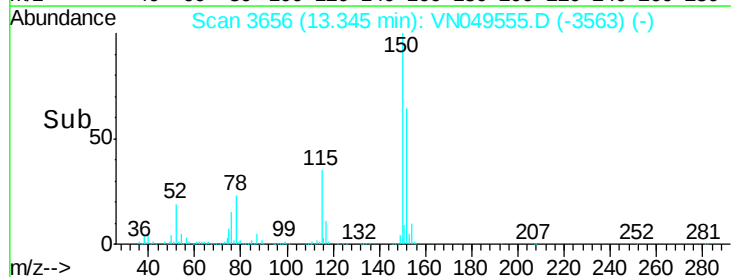
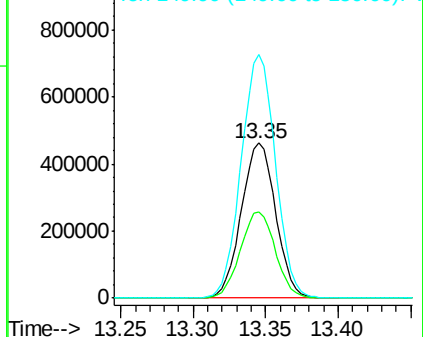
152 100

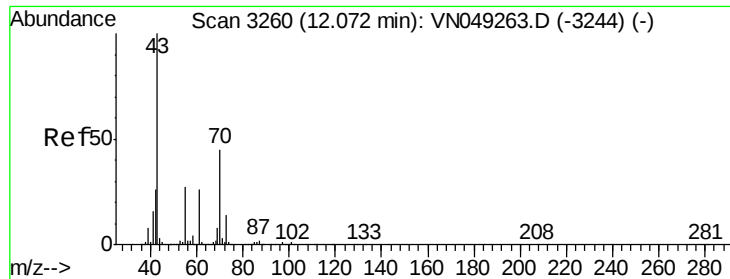
115 56.1 28.7 86.1

150 156.6 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

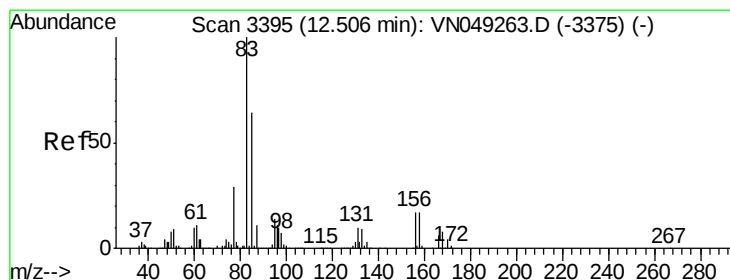
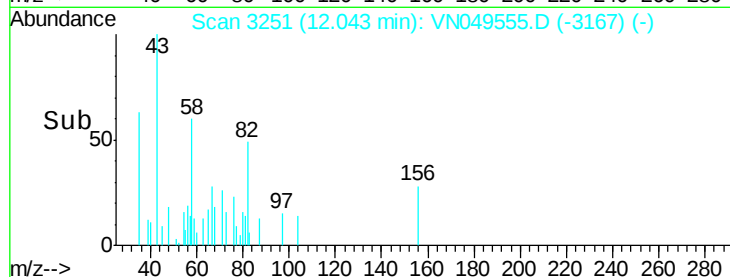
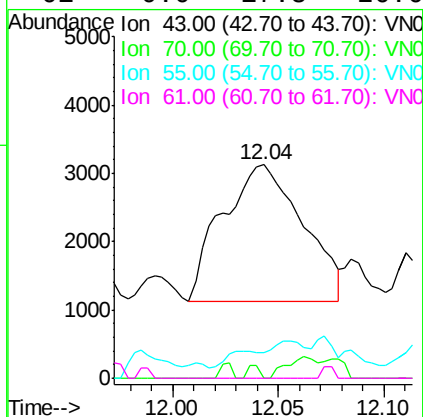
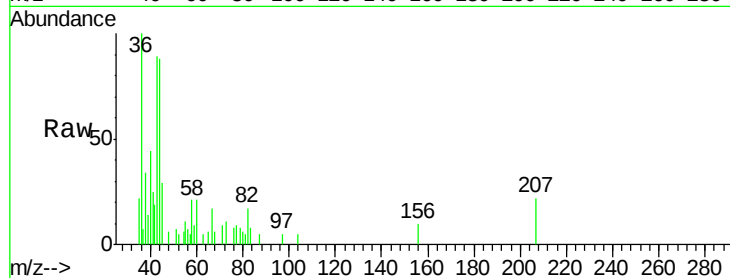




#74
N-amvl acetate
Concen: 0.32 ug/l
RT: 12.04 min Scan# 3251
Delta R.T. -0.03 min
Lab File: VN049555.D
Acq: 26 Jun 2018 16:23

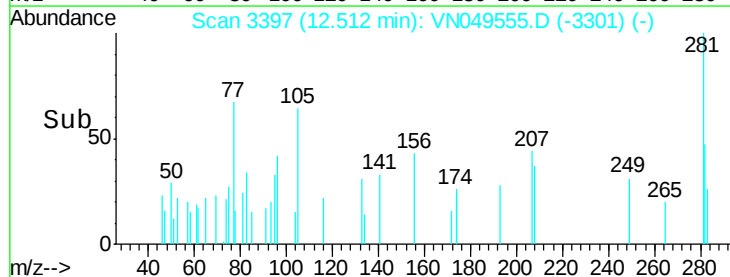
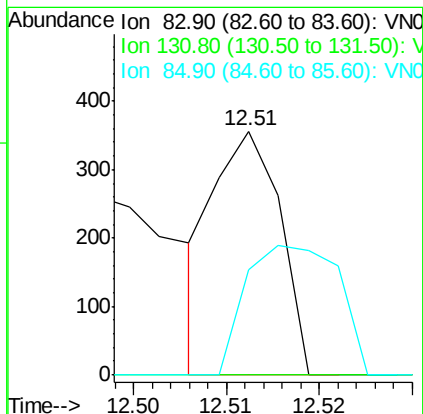
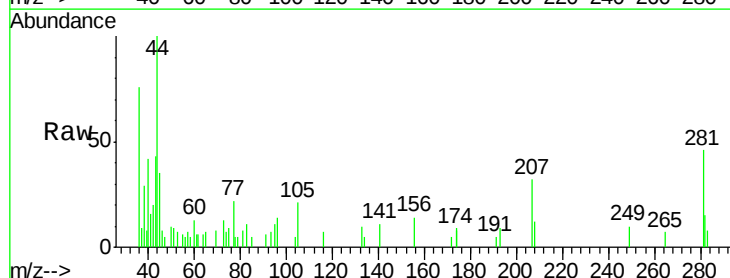
Instrument :
MSVOA_N
ClientSampled :

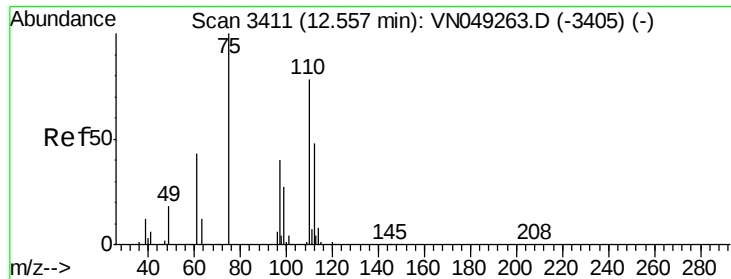
Tot Ion:	43	Resp:	5292
Ion	Ratio	Lower	Upper
43	100		
70	1.4	30.3	45.5#
55	4.6	19.4	29.2#
61	0.0	17.8	26.6#



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.51 min Scan# 3397
Delta R.T. 0.01 min
Lab File: VN049555.D
Acq: 26 Jun 2018 16:23

Tgt Ion:	83	Resp:	175
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.0	15.0#
85	75.4	32.0	96.0

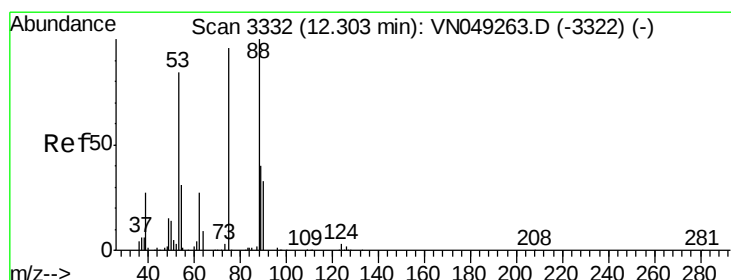
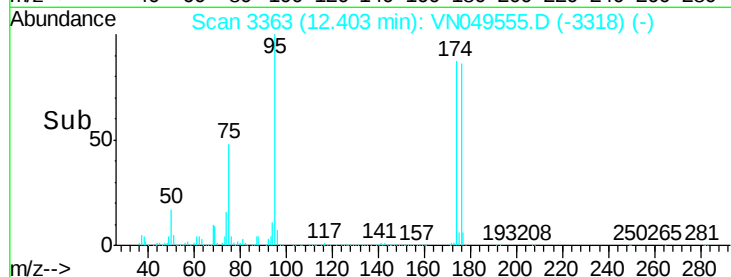
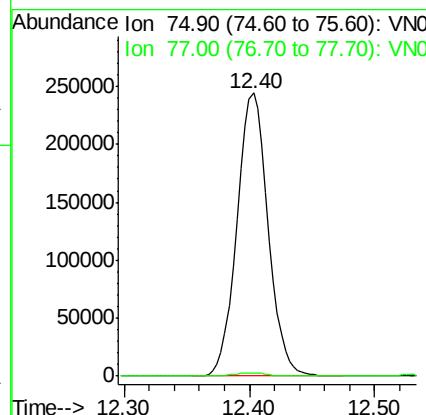
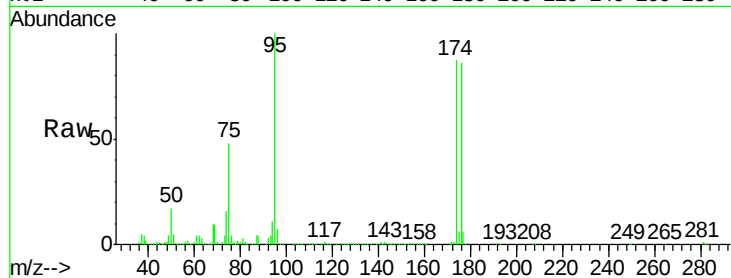




#76
 1,2,3-Trichloropropane
 Concen: 32.24 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. -0.15 min
 Lab File: VN049555.D
 Acq: 26 Jun 2018 16:23

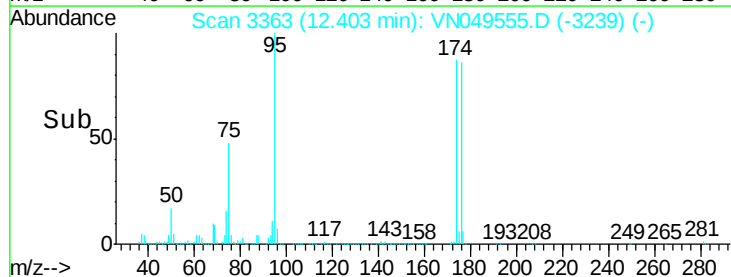
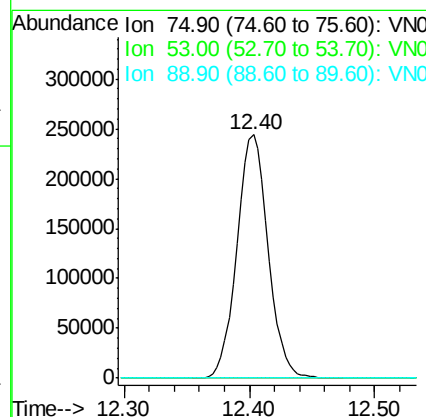
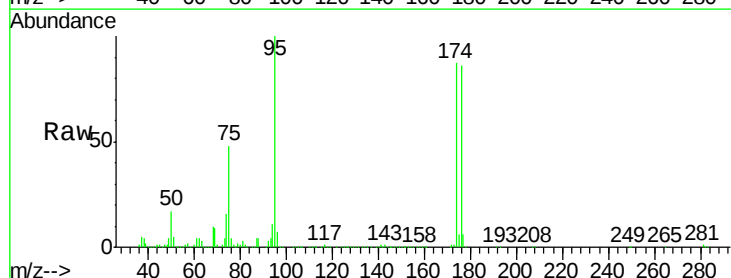
Instrument :
 MSVOA_N
 ClientSampled :

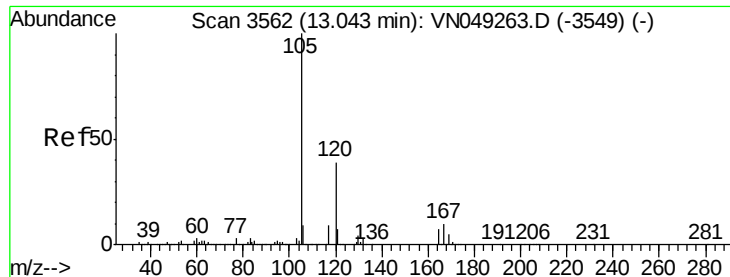
Tot Ion: 75 Resp: 420427
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.90 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.10 min
 Lab File: VN049555.D
 Acq: 26 Jun 2018 16:23

Tgt Ion: 75 Resp: 420427
 Ion Ratio Lower Upper
 75 100
 53 0.2 82.7 124.1#
 89 0.0 36.5 54.7#

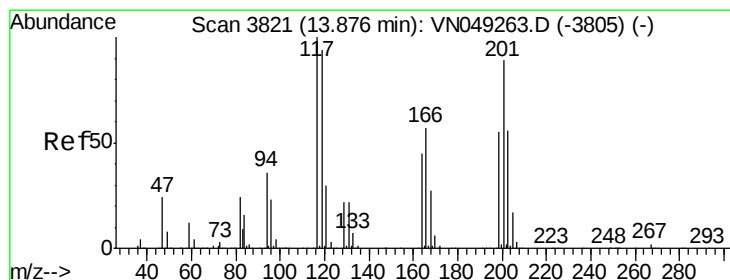
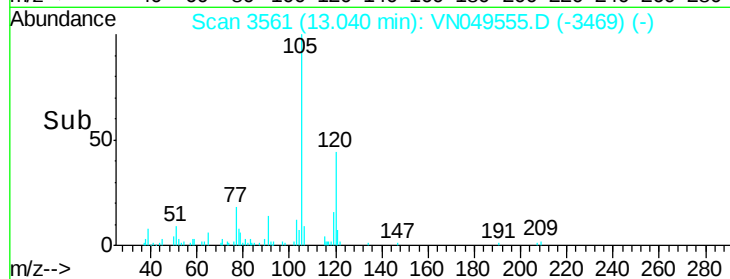
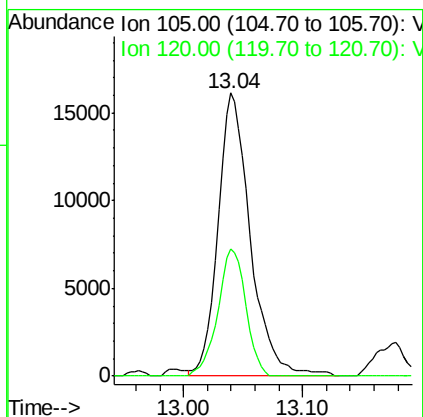
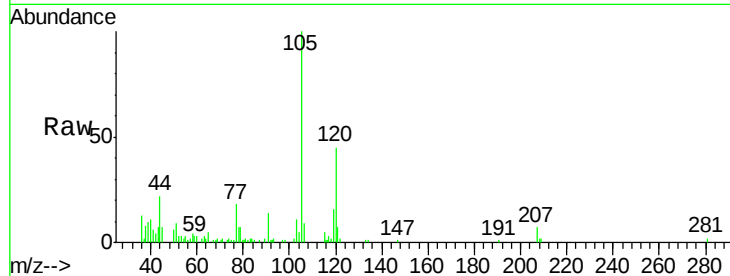




#84
 1,2,4-Trimethylbenzene
 Concen: 0.58 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. -0.00 min
 Lab File: VN049555.D
 Acq: 26 Jun 2018 16:23

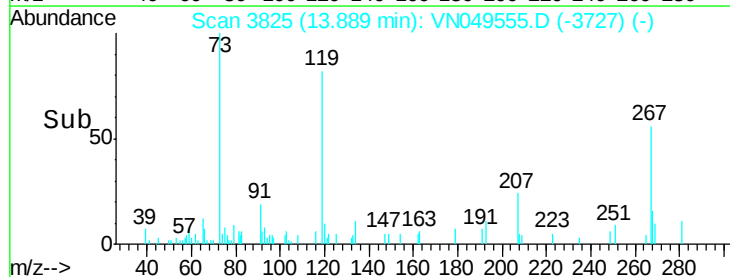
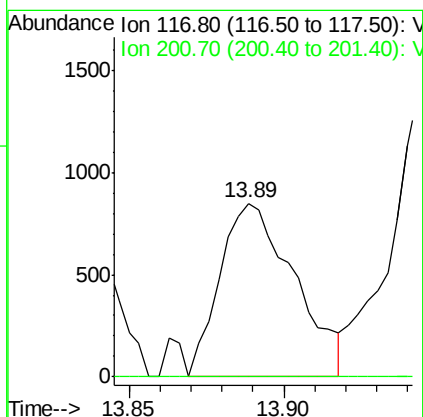
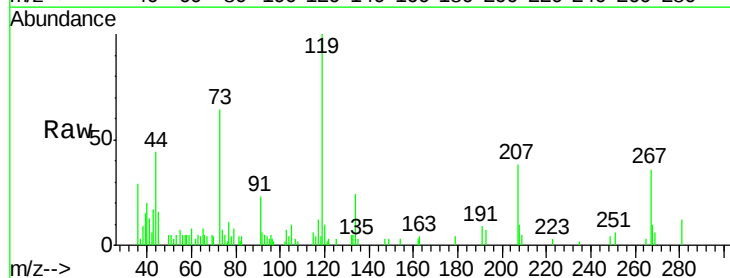
Instrument :
 MSVOA_N
 ClientSampleId :

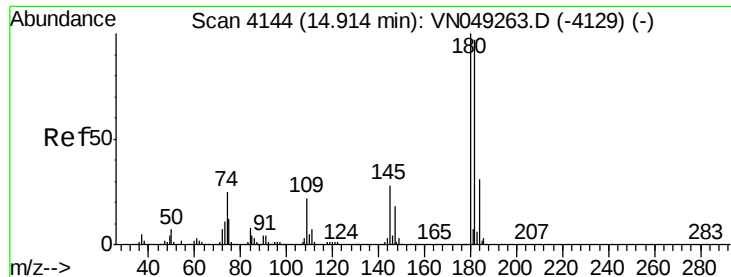
Tot Ion:105 Resp: 30374
 Ion Ratio Lower Upper
 105 100
 120 38.9 22.2 66.6



#90
 Hexachloroethane
 Concen: Below Cal
 RT: 13.89 min Scan# 3825
 Delta R.T. 0.01 min
 Lab File: VN049555.D
 Acq: 26 Jun 2018 16:23

Tgt Ion:117 Resp: 1424
 Ion Ratio Lower Upper
 117 100
 201 0.0 40.1 120.2#

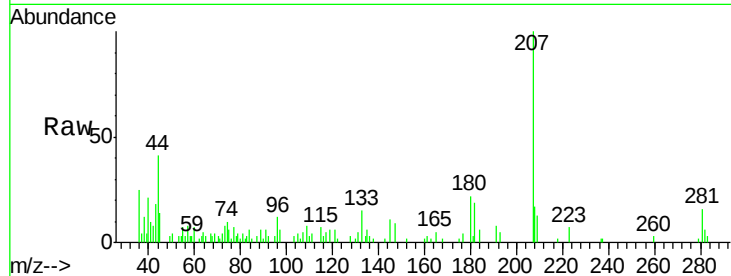




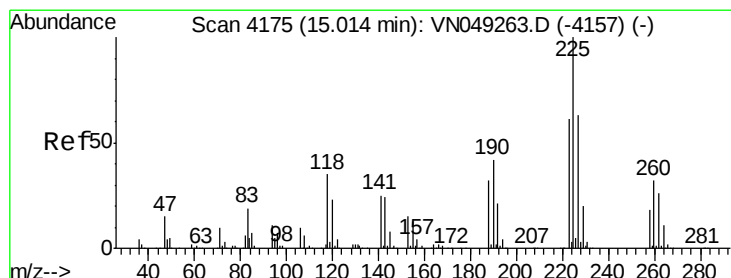
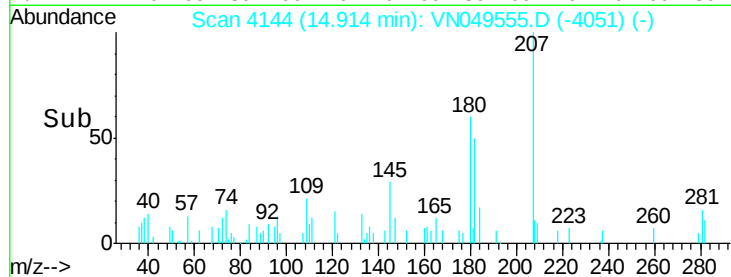
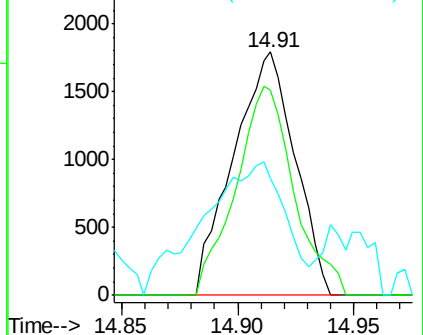
#93
 1,2,4-Trichlorobenzene
 Concen: 4.97 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN049555.D
 Acq: 26 Jun 2018 16:23

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 3292
 Ion Ratio Lower Upper
 180 100
 182 81.6 46.9 140.8
 145 74.1 14.7 44.1#

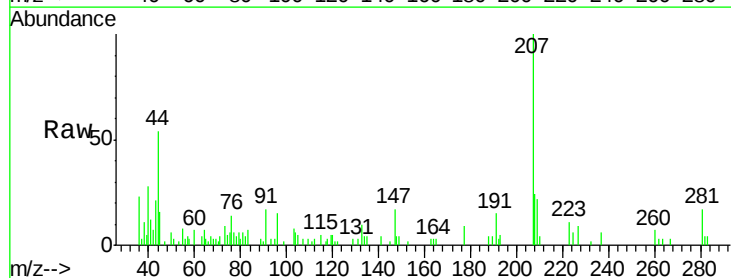


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

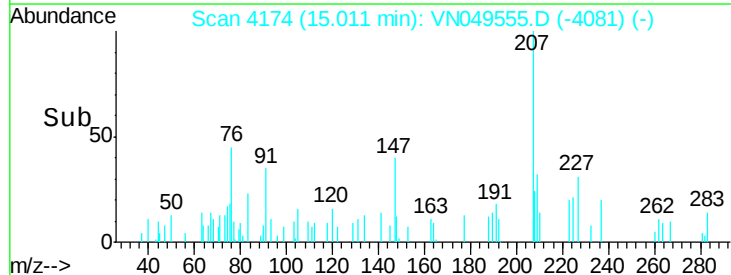
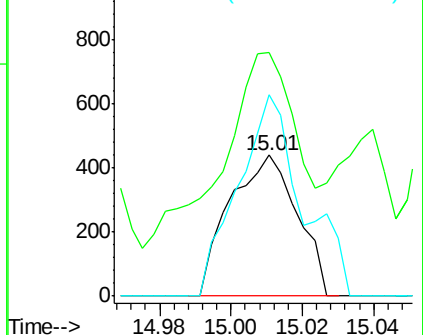


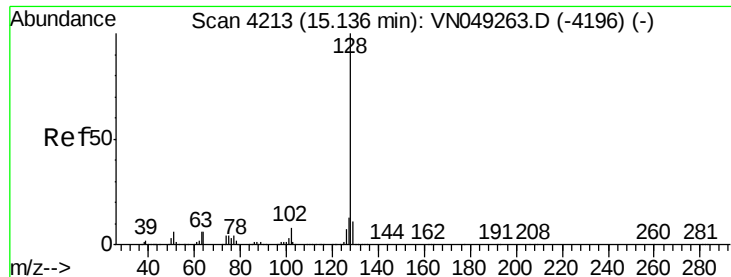
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4174
 Delta R.T. -0.00 min
 Lab File: VN049555.D
 Acq: 26 Jun 2018 16:23

Tgt Ion:225 Resp: 576
 Ion Ratio Lower Upper
 225 100
 223 160.9 32.1 96.3#
 227 136.1 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: 16.65 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049555.D

Acq: 26 Jun 2018 16:23

Instrument :

MSVOA_N

ClientSampleId :

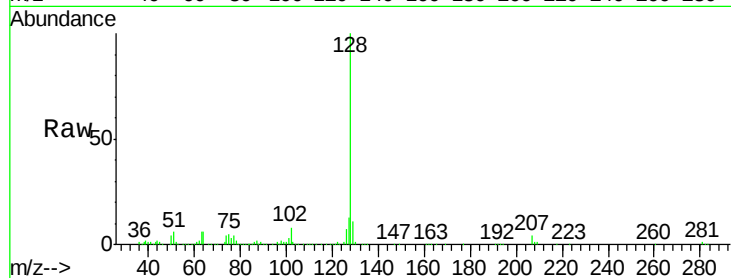
Tot Ion:128 Resp: 321944

Ion Ratio Lower Upper

128 100

127 12.6 10.6 16.0

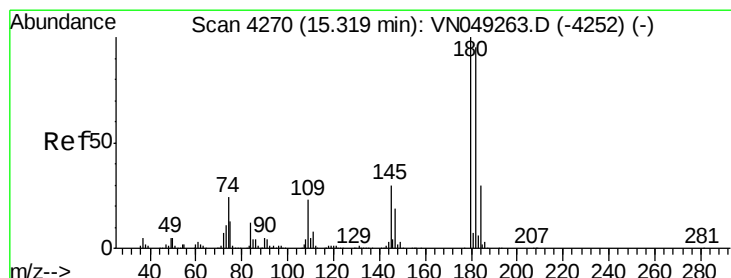
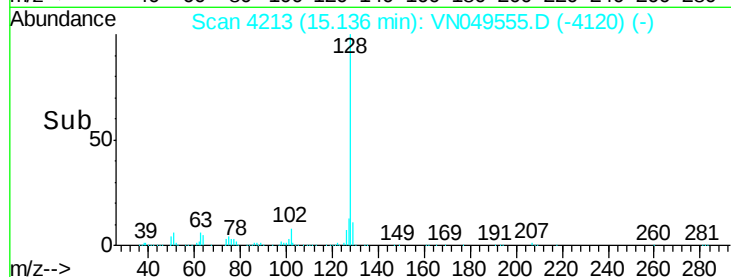
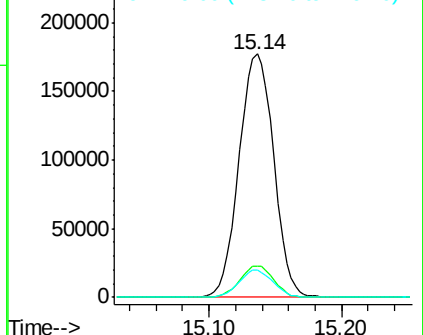
129 11.0 8.5 12.7



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: 3.63 ug/l

RT: 15.32 min Scan# 4271

Delta R.T. 0.00 min

Lab File: VN049555.D

Acq: 26 Jun 2018 16:23

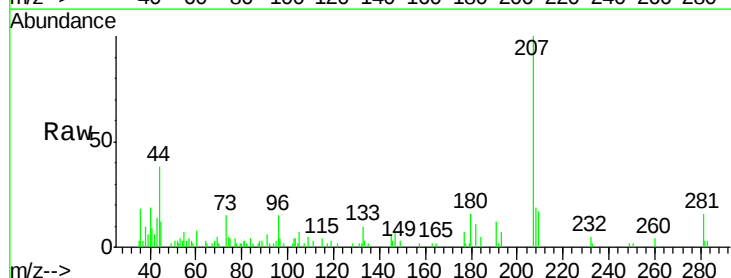
Tgt Ion:180 Resp: 2429

Ion Ratio Lower Upper

180 100

182 0.0 47.3 141.8#

145 0.0 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

