

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062018\
 Data File : VN049441.D
 Acq On : 20 Jun 2018 17:29
 Operator : MD\SY
 Sample : J3575-22
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 21 01:29:28 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	1227665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1937260	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1619473	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	528513	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	829252	50.93	ug/l	0.00
Spiked Amount			Recovery	=	101.86%	
35) Dibromofluoromethane	7.59	113	719680	45.92	ug/l	0.00
Spiked Amount			Recovery	=	91.84%	
50) Toluene-d8	10.09	98	2629971	44.07	ug/l	0.00
Spiked Amount			Recovery	=	88.14%	
62) 4-Bromofluorobenzene	12.41	95	707317	35.84	ug/l	0.00
Spiked Amount			Recovery	=	71.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	3696	0.20	ug/l	96
5) Bromomethane	2.57	94	4683	0.46	ug/l	87
11) Tert butyl alcohol	4.78	59	355	0.37	ug/l #	70
13) Acrolein	3.61	56	538	0.54	ug/l #	64
14) Allyl chloride	4.55	41	44427	2.00	ug/l #	20
16) Acetone	3.82	43	56898	14.39	ug/l	98
18) Methyl Acetate	4.33	43	100614	8.35	ug/l	97
20) Methylene Chloride	4.55	84	1280251	77.53	ug/l	92
25) 2-Butanone	6.85	43	11439	2.15	ug/l	99
29) Tetrahydrofuran	7.23	42	1308	0.38	ug/l #	86
30) Chloroform	7.38	83	22605	0.80	ug/l	97
31) Cyclohexane	7.67	56	22168	0.75	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	83016	3.74	ug/l #	51
38) Carbon Tetrachloride	7.67	117	114008	4.96	ug/l #	17
43) Isopropyl Acetate	8.22	43	152386	6.61	ug/l #	65
47) Bromodichloromethane	9.41	83	9022	0.40	ug/l #	83
49) 1,4-Dioxane	9.20	88	71	0.47	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	7048	0.58	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.87	63	70	14.34	ug/l #	51
59) 2-Hexanone	10.76	43	1803	0.23	ug/l	87
65) Chlorobenzene	11.44	112	12702	0.30	ug/l #	85
67) Ethyl Benzene	11.51	91	17345	0.25	ug/l	92
68) m/p-Xylenes	11.62	106	5610	0.22	ug/l	97
71) Bromoform	12.40	173	4969	0.49	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.50	83	108	Below	Cal #	62
76) 1,2,3-Trichloropropane	12.40	75	343313	38.07	ug/l #	100
77) Bromobenzene	12.53	156	6201	0.51	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.40	75	343313	120.32	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.04	105	17148	0.47	ug/l	89
90) Hexachloroethane	13.89	117	2545	Below	Cal #	9
92) 1,2-Dibromo-3-Chloropropan	14.27	75	386	0.24	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.91	180	888	4.83	ug/l #	1
94) Hexachlorobutadiene	15.02	225	272	Below	Cal #	18
95) Naphthalene	15.14	128	120740	10.14	ug/l	99

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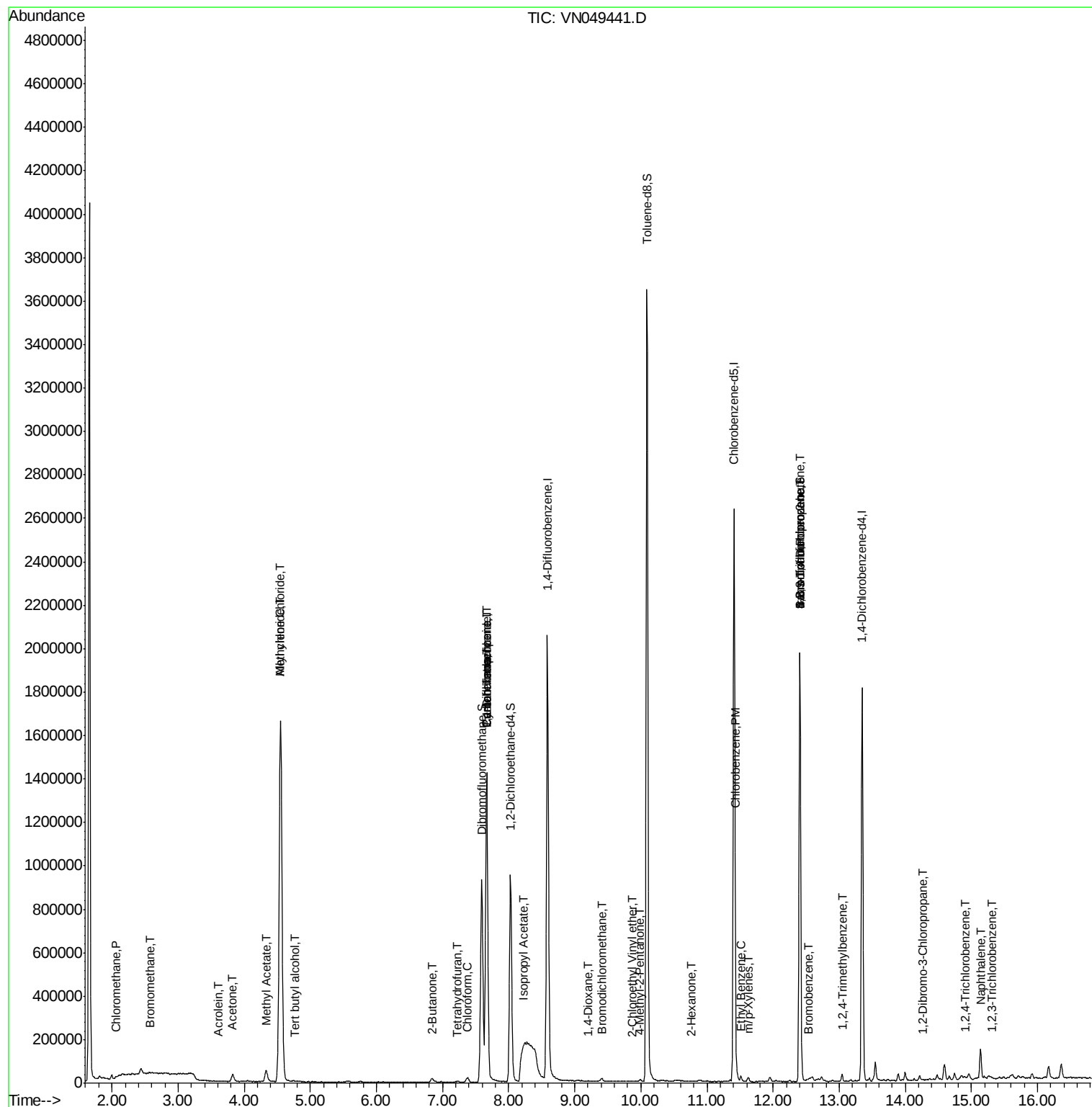
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.32	180	840	3.55	ug/l #	57

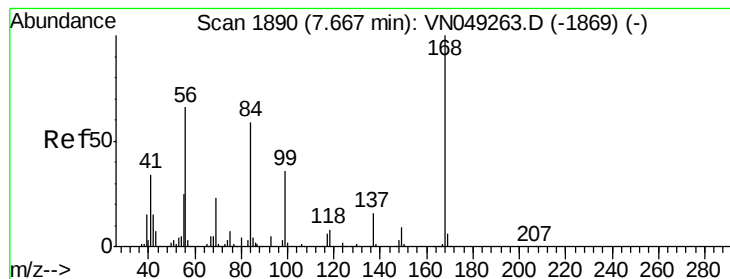
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN049441.D

Acq: 20 Jun 2018 17:29

Instrument :

MSVOA_N

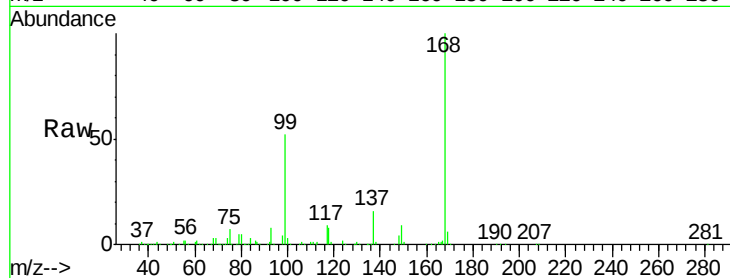
ClientSampleId :

Tot Ion:168 Resp: 1227665

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): VN

7.67

500000

400000

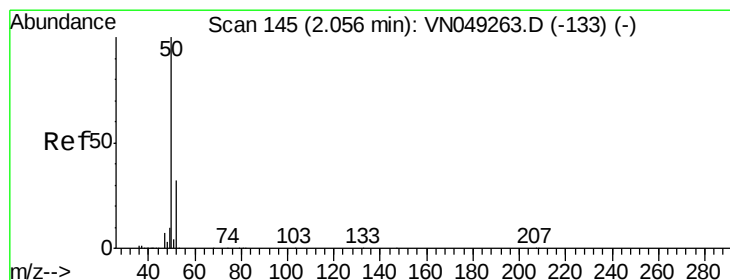
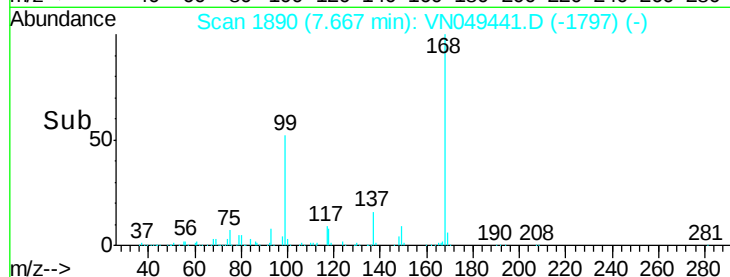
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 0.20 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049441.D

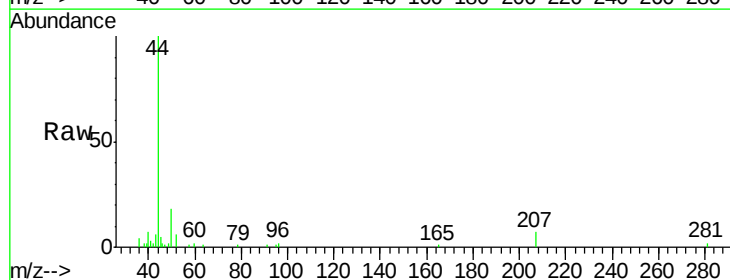
Acq: 20 Jun 2018 17:29

Tgt Ion: 50 Resp: 3696

Ion Ratio Lower Upper

50 100

52 33.7 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

3000

2500

2000

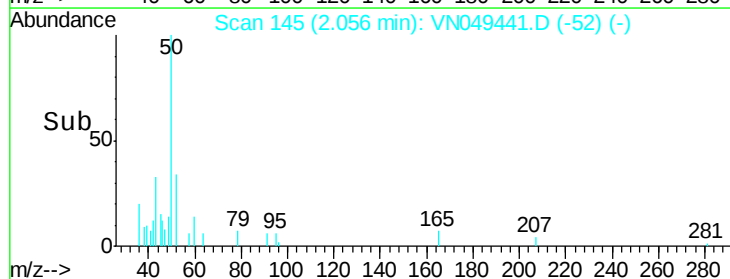
1500

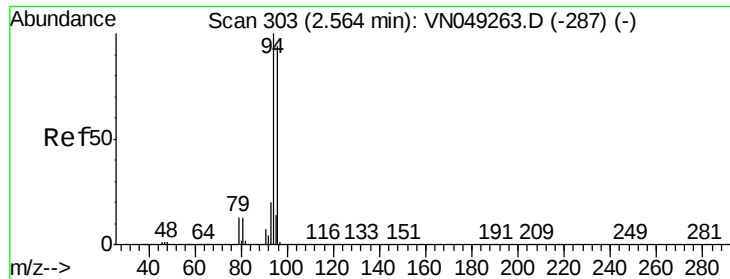
1000

500

0

Time-->





#5

Bromomethane

Concen: 0.46 ug/l

RT: 2.57 min Scan# 306

Delta R.T. 0.01 min

Lab File: VN049441.D

Acq: 20 Jun 2018 17:29

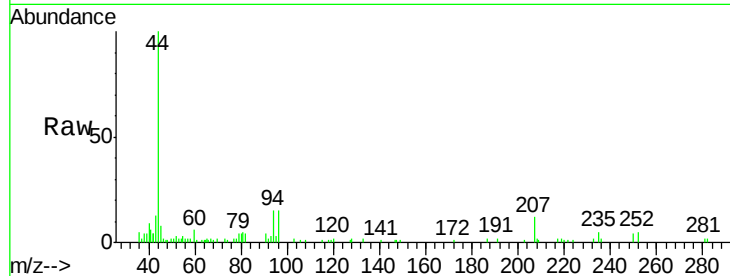
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 94 Resp: 4683

Ion Ratio Lower Upper

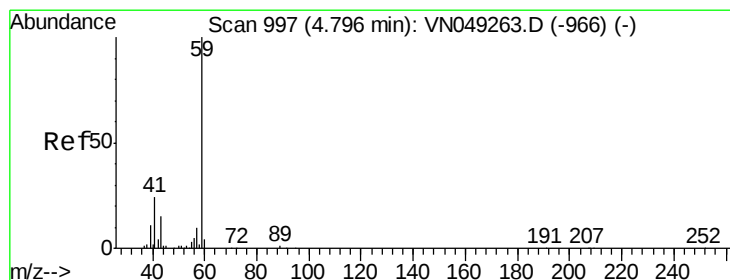
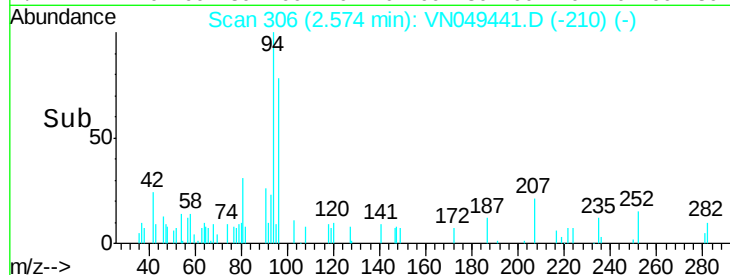
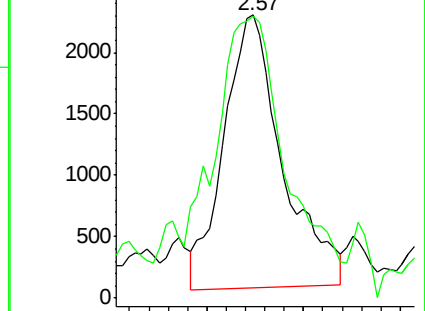
94 100

96 102.9 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VN049441.D (-210) (-)

Ion 95.90 (95.60 to 96.60): VN049441.D (-210) (-)



#11

Tert butyl alcohol

Concen: 0.37 ug/l

RT: 4.78 min Scan# 992

Delta R.T. -0.02 min

Lab File: VN049441.D

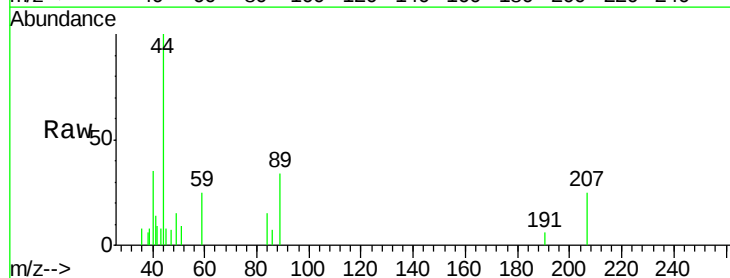
Acq: 20 Jun 2018 17:29

Tgt Ion: 59 Resp: 355

Ion Ratio Lower Upper

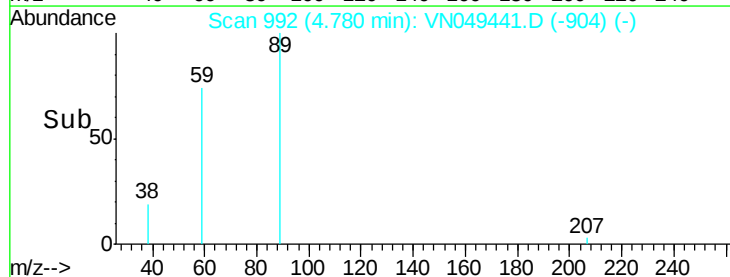
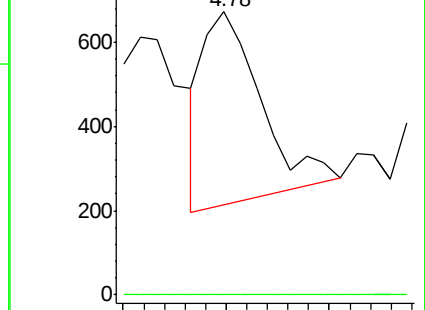
59 100

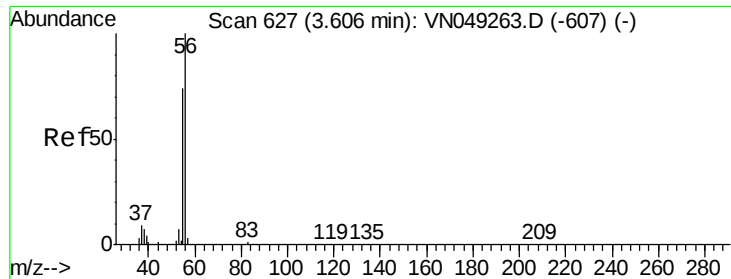
57 0.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VN049441.D (-904) (-)

Ion 57.00 (56.70 to 57.70): VN049441.D (-904) (-)

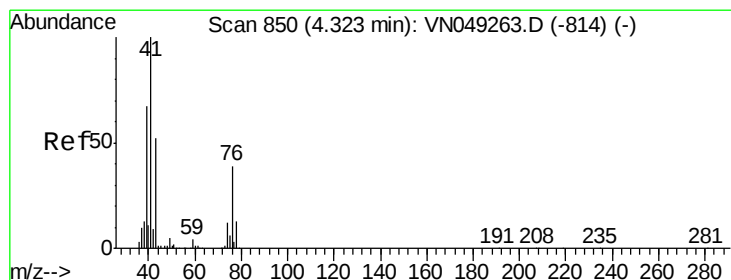
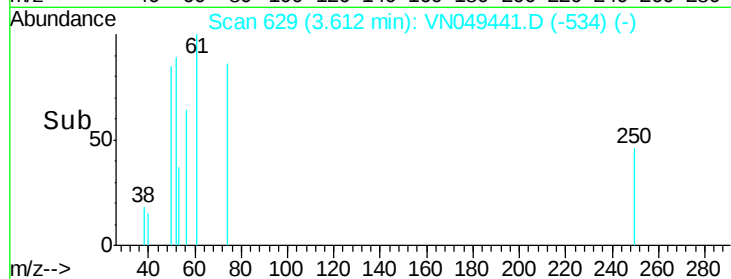
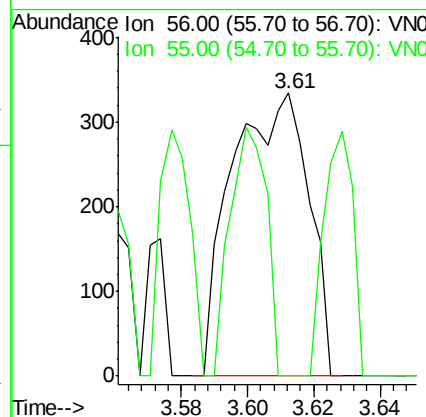
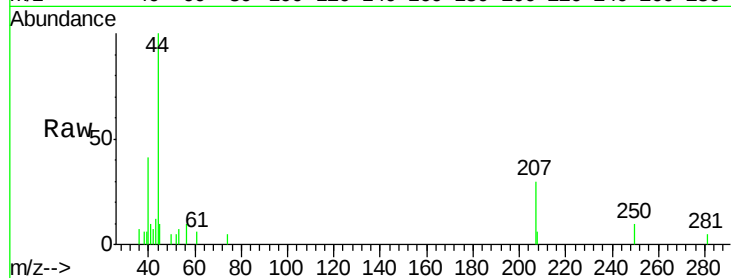




#13
Acrolein
Concen: 0.54 ug/l
RT: 3.61 min Scan# 629
Delta R.T. 0.01 min
Lab File: VN049441.D
Acq: 20 Jun 2018 17:29

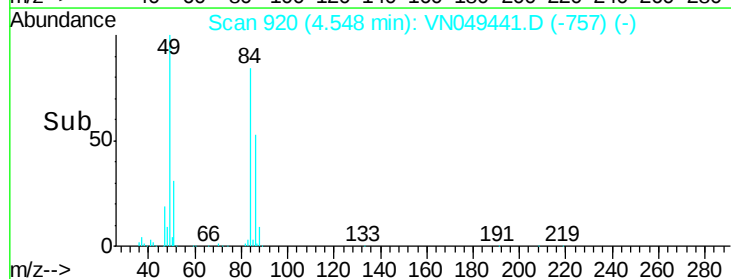
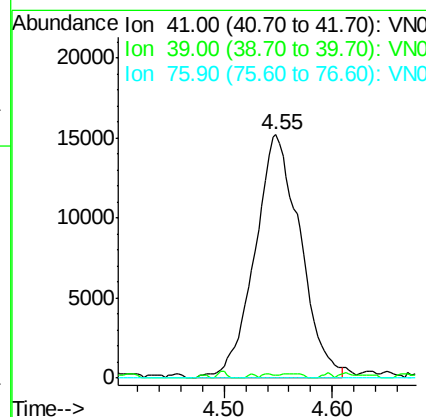
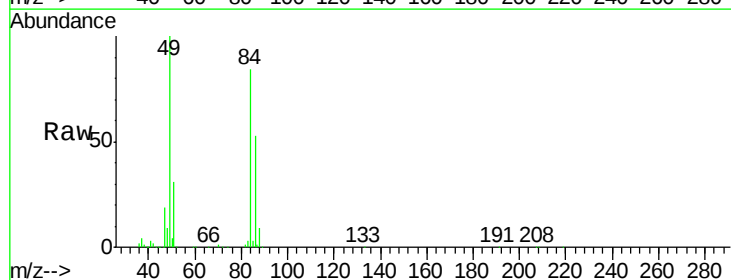
Instrument :
MSVOA_N
ClientSampleId :

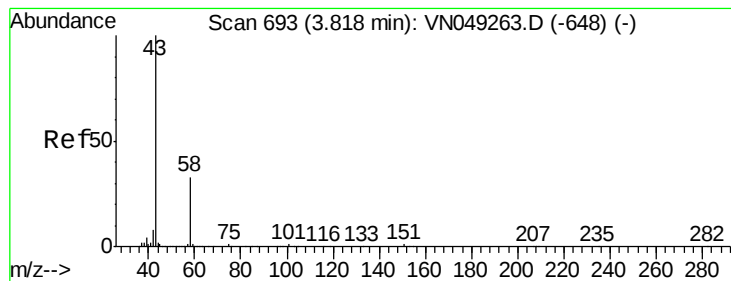
Tot Ion: 56 Resp: 538
Ion Ratio Lower Upper
56 100
55 41.6 57.1 85.7#



#14
Allyl chloride
Concen: 2.00 ug/l
RT: 4.55 min Scan# 920
Delta R.T. 0.23 min
Lab File: VN049441.D
Acq: 20 Jun 2018 17:29

Tgt Ion: 41 Resp: 44427
Ion Ratio Lower Upper
41 100
39 0.1 62.5 93.7#
76 0.0 27.1 40.7#





#16

Acetone

Concen: 14.39 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049441.D

Acq: 20 Jun 2018 17:29

Instrument :

MSVOA_N

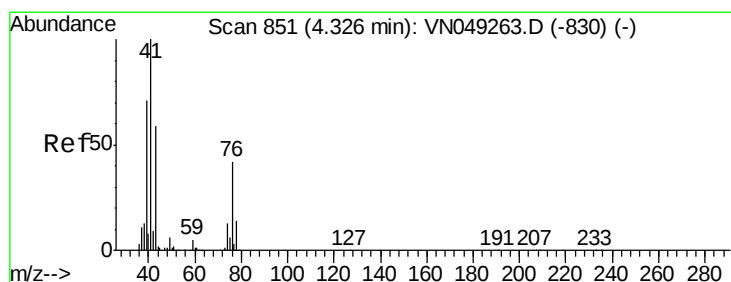
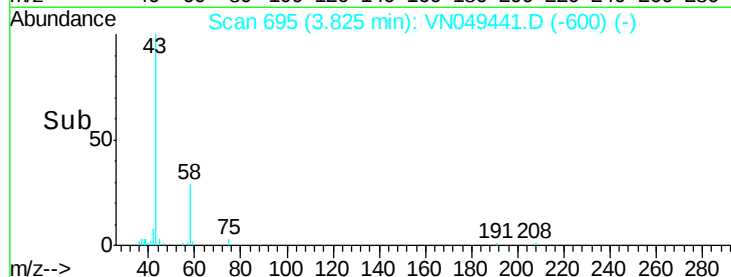
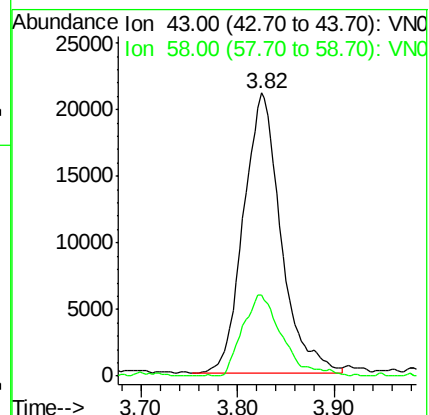
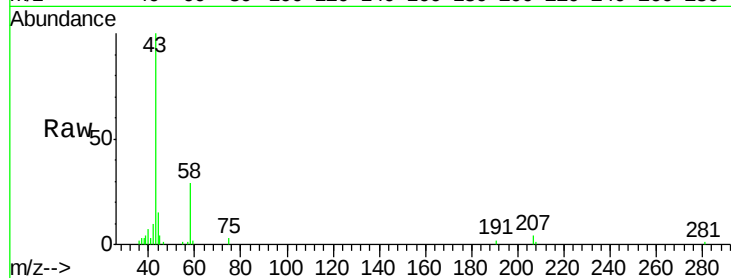
ClientSampleId :

Tot Ion: 43 Resp: 56898

Ion Ratio Lower Upper

43 100

58 28.9 22.4 33.6



#18

Methyl Acetate

Concen: 8.35 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN049441.D

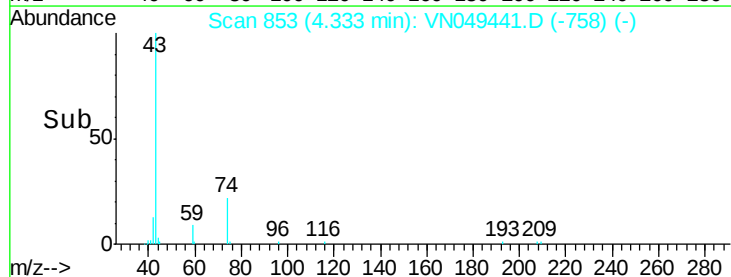
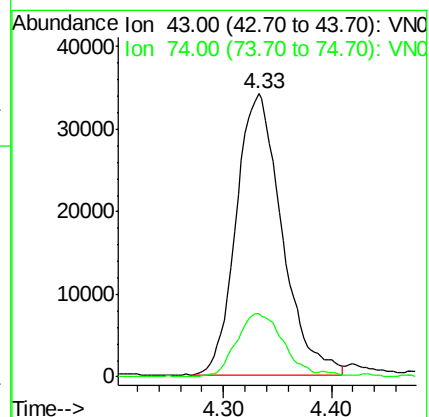
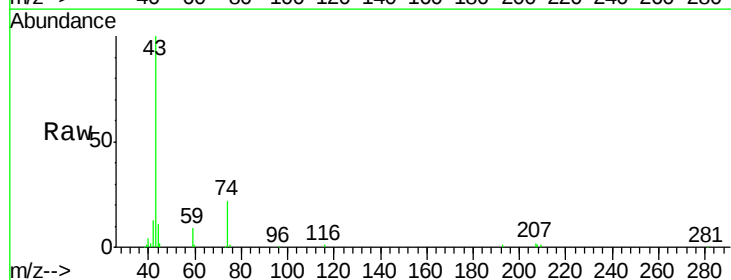
Acq: 20 Jun 2018 17:29

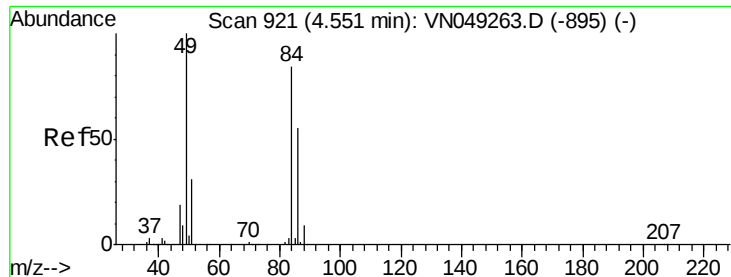
Tgt Ion: 43 Resp: 100614

Ion Ratio Lower Upper

43 100

74 22.9 17.4 26.0



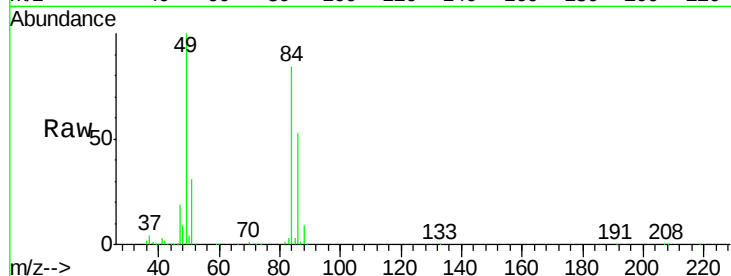


#20
Methvlene Chloride
Concen: 77.53 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049441.D
Acq: 20 Jun 2018 17:29

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 84 Resp: 1280251

Ion	Ratio	Lower	Upper
84	100		
49	118.8	106.9	160.3
51	36.7	32.7	49.1
86	62.4	49.8	74.8



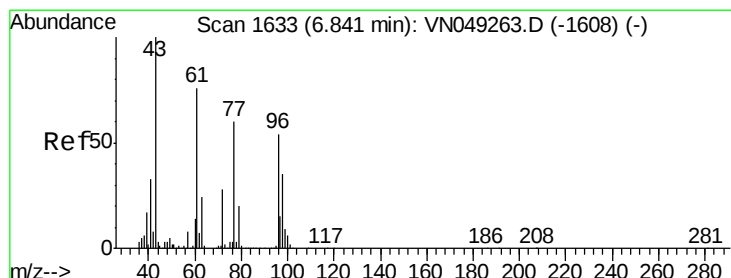
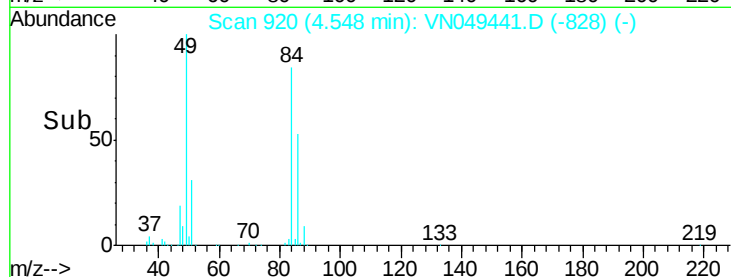
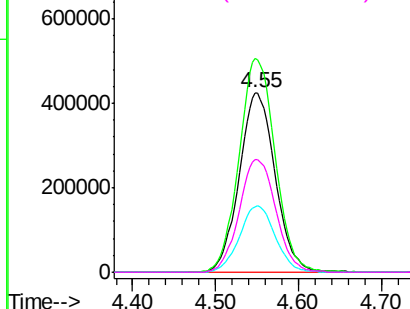
Abundance

Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

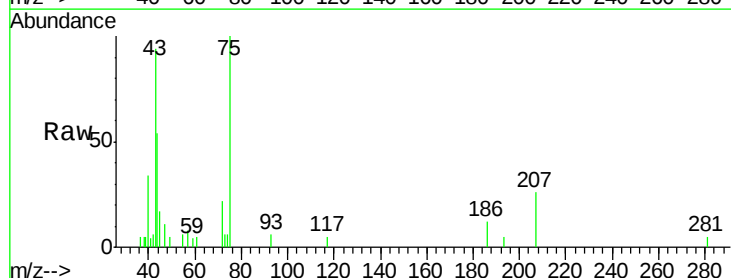
Ion 85.90 (85.60 to 86.60): VNO



#25
2-Butanone
Concen: 2.15 ug/l
RT: 6.85 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VN049441.D
Acq: 20 Jun 2018 17:29

Tgt Ion: 43 Resp: 11439

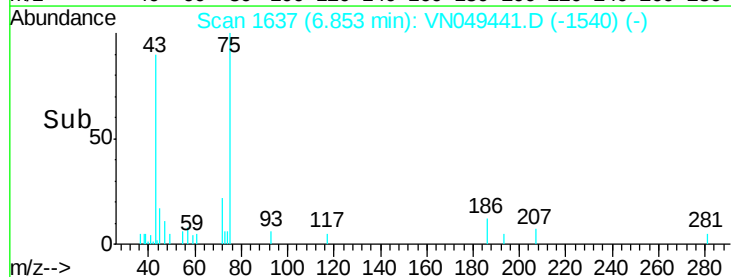
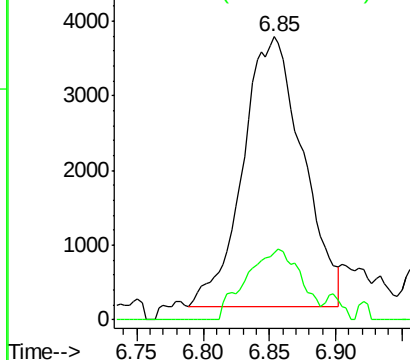
Ion	Ratio	Lower	Upper
43	100		
72	24.9	20.2	30.2

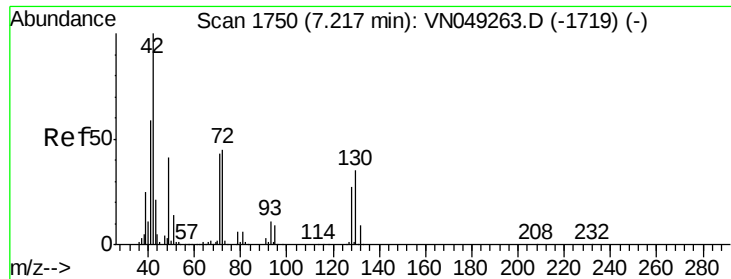


Abundance

Ion 43.00 (42.70 to 43.70): VNO

Ion 72.00 (71.70 to 72.70): VNO

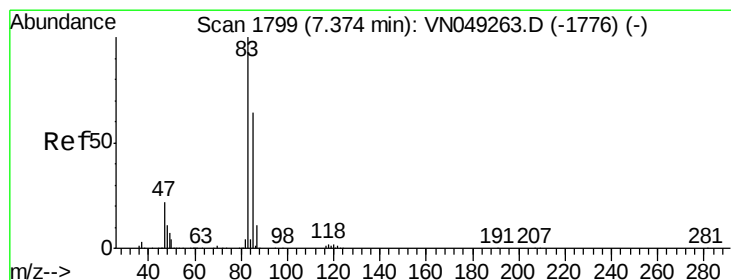
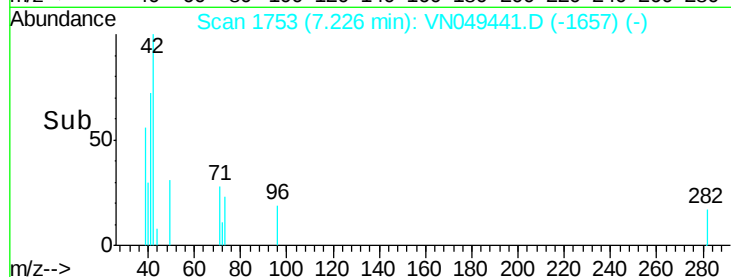
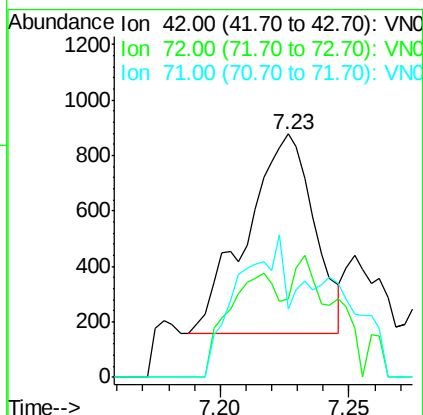
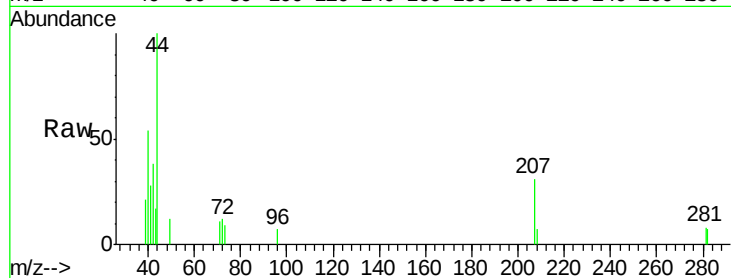




#29
Tetrahydrofuran
Concen: 0.38 ug/l
RT: 7.23 min Scan# 1753
Delta R.T. 0.01 min
Lab File: VN049441.D
Acq: 20 Jun 2018 17:29

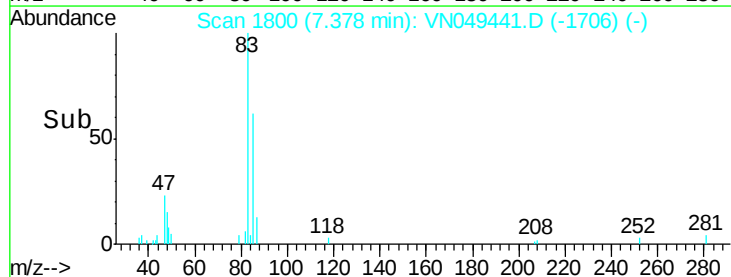
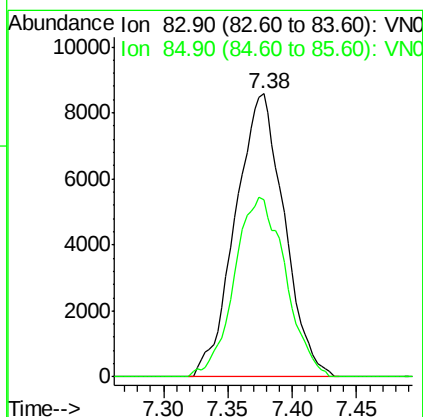
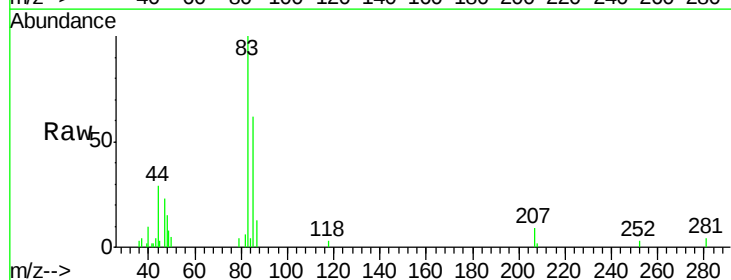
Instrument :
MSVOA_N
ClientSampled :

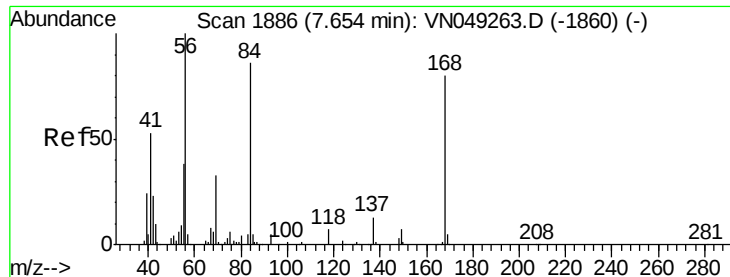
Tot Ion: 42 Resp: 1308
Ion Ratio Lower Upper
42 100
72 38.8 32.2 48.4
71 54.3 30.5 45.7#



#30
Chloroform
Concen: 0.80 ug/l
RT: 7.38 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN049441.D
Acq: 20 Jun 2018 17:29

Tgt Ion: 83 Resp: 22605
Ion Ratio Lower Upper
83 100
85 62.5 51.7 77.5

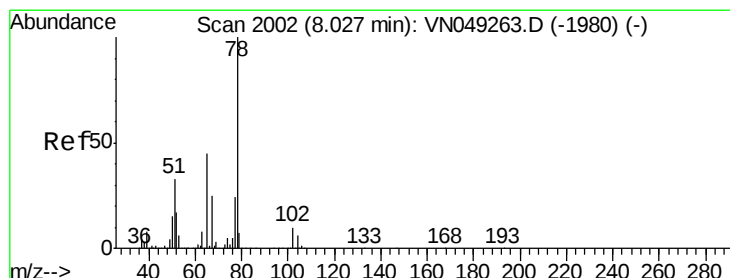
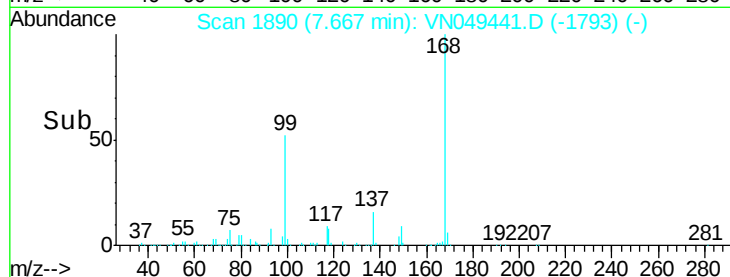
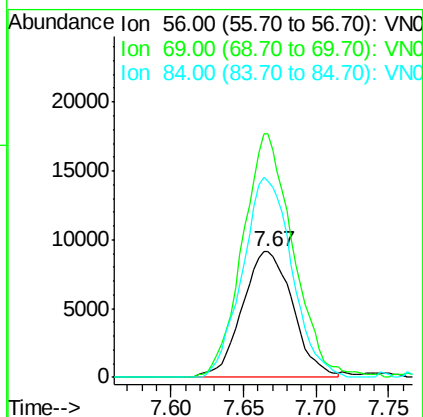
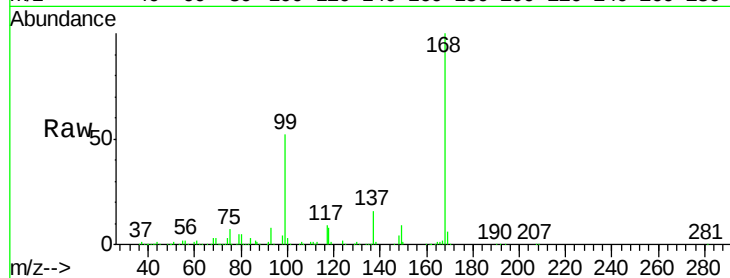




#31
Cyclohexane
Concen: 0.75 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN049441.D
Acq: 20 Jun 2018 17:29

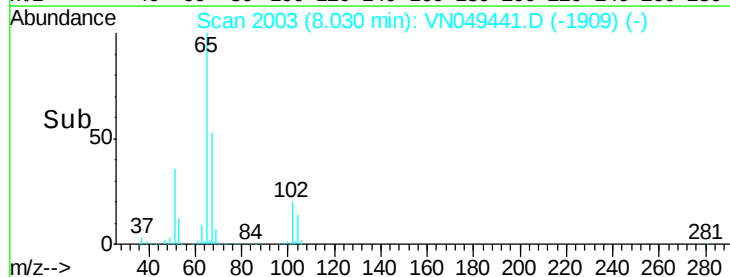
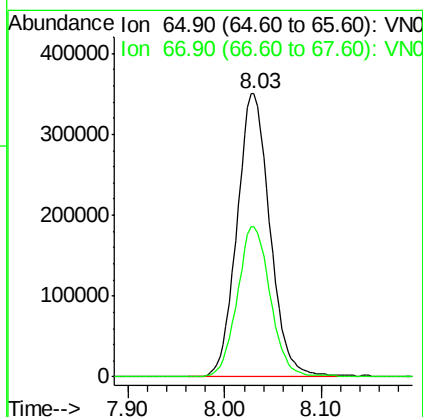
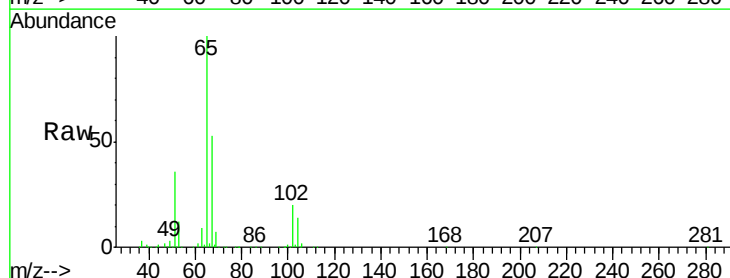
Instrument :
MSVOA_N
ClientSampled :

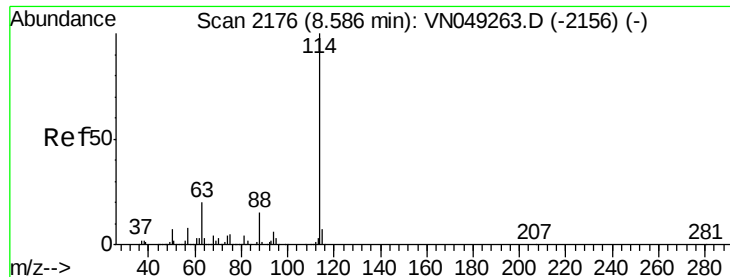
Tot Ion: 56 Resp: 22168
Ion Ratio Lower Upper
56 100
69 193.6 25.0 37.4#
84 156.4 64.6 96.8#



#33
1,2-Dichloroethane-d4
Concen: 50.93 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049441.D
Acq: 20 Jun 2018 17:29

Tgt Ion: 65 Resp: 829252
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: VN049441.D

Acq: 20 Jun 2018 17:29

Instrument :

MSVOA_N

ClientSampleId :

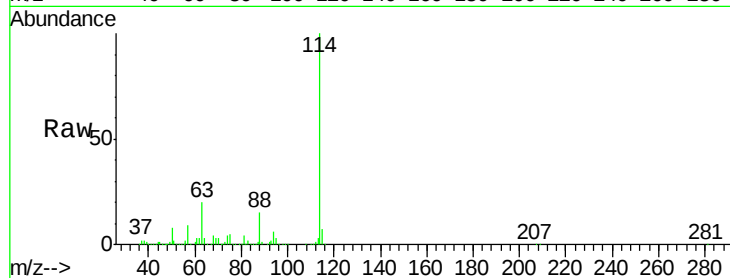
Tot Ion:114 Resp: 1937260

Ion Ratio Lower Upper

114 100

63 20.2 0.0 44.4

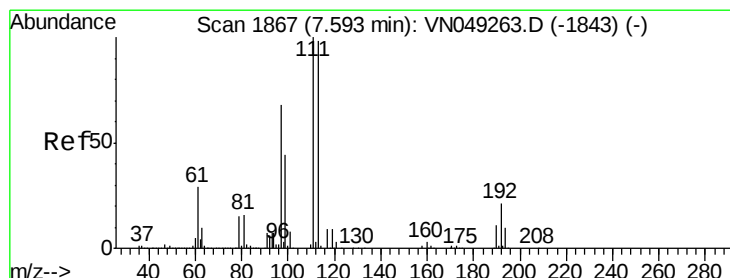
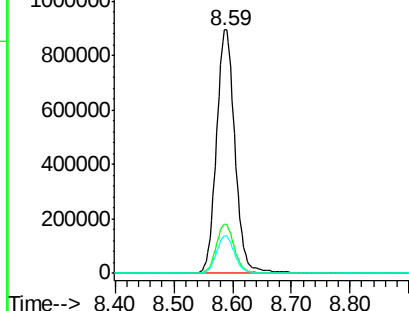
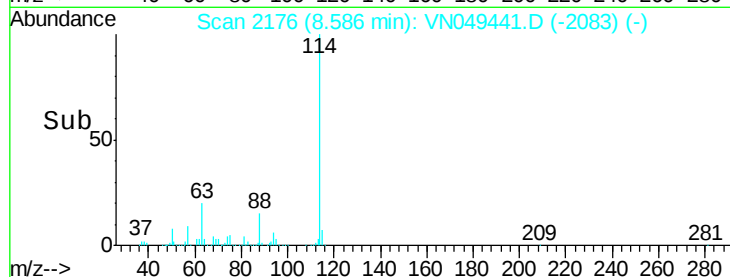
88 15.5 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 45.92 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049441.D

Acq: 20 Jun 2018 17:29

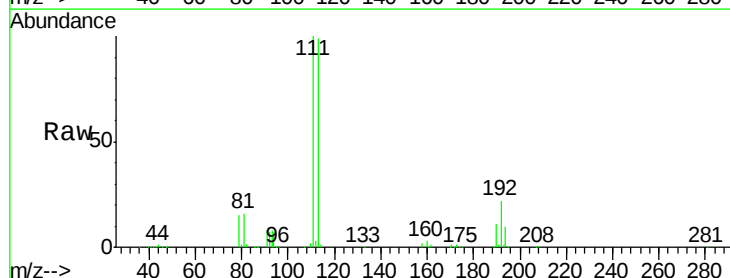
Tgt Ion:113 Resp: 719680

Ion Ratio Lower Upper

113 100

111 102.8 82.4 123.6

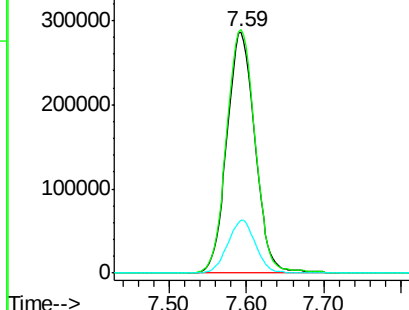
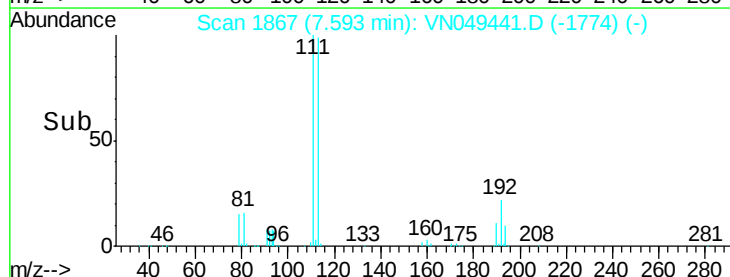
192 21.8 15.0 22.6

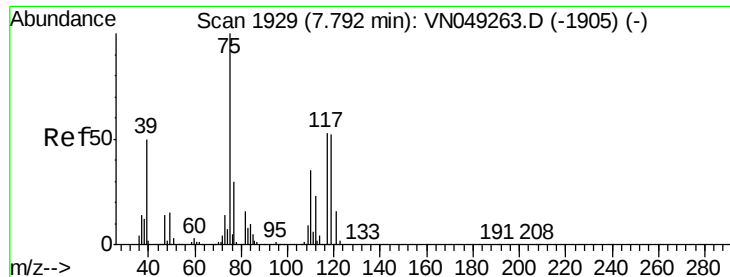


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.74 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.13 min

Lab File: VN049441.D

Acq: 20 Jun 2018 17:29

Instrument :

MSVOA_N

ClientSampleId :

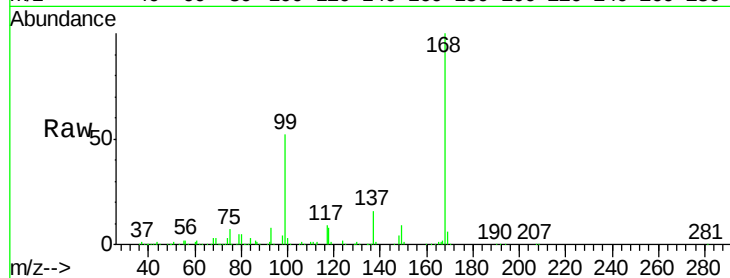
Tot Ion: 75 Resp: 83016

Ion Ratio Lower Upper

75 100

110 9.0 17.0 50.9#

77 0.0 24.4 36.6#

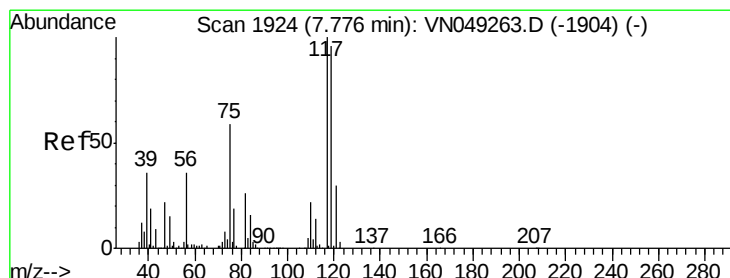
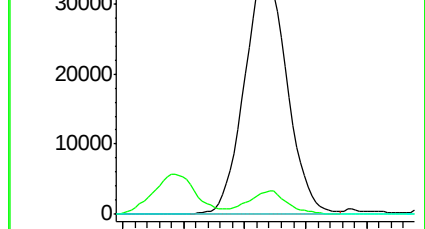
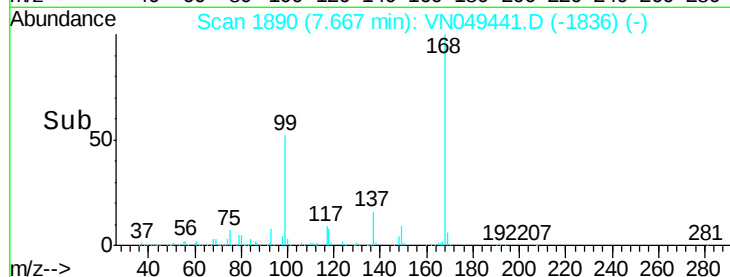


Abundance Ion 74.90 (74.60 to 75.60): VN049441.D (-1836) (-)

Ion 109.90 (109.60 to 110.60): VN049441.D (-1836) (-)

Ion 76.90 (76.60 to 77.60): VN049441.D (-1836) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 4.96 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN049441.D

Acq: 20 Jun 2018 17:29

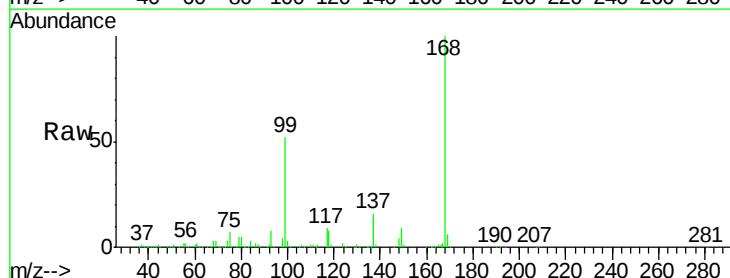
Tgt Ion: 117 Resp: 114008

Ion Ratio Lower Upper

117 100

119 5.6 75.6 113.4#

121 0.0 24.7 37.1#

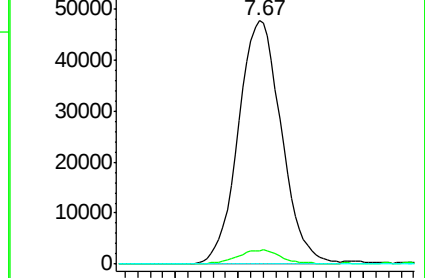
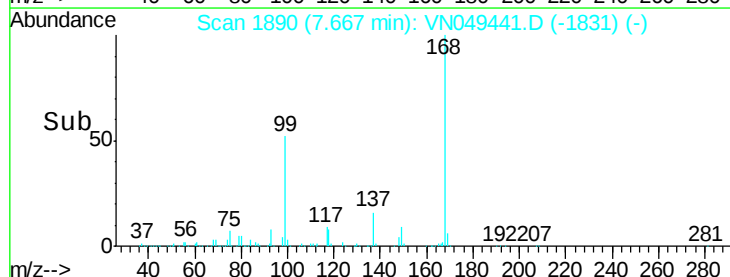


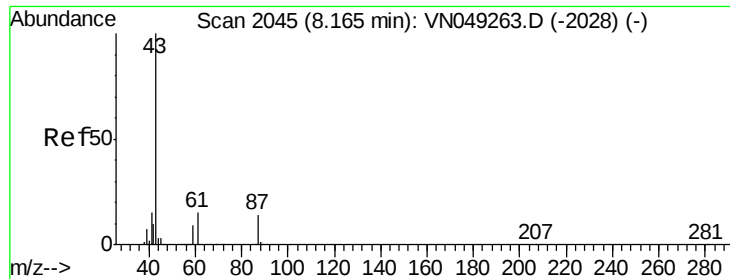
Abundance Ion 116.80 (116.50 to 117.50): VN049441.D (-1831) (-)

Ion 118.80 (118.50 to 119.50): VN049441.D (-1831) (-)

Ion 120.80 (120.50 to 121.50): VN049441.D (-1831) (-)

Time-->





#43

Isopropyl Acetate

Concen: 6.61 ug/l

RT: 8.22 min Scan# 2062

Delta R.T. 0.05 min

Lab File: VN049441.D

Acq: 20 Jun 2018 17:29

Instrument :

MSVOA_N

ClientSampleId :

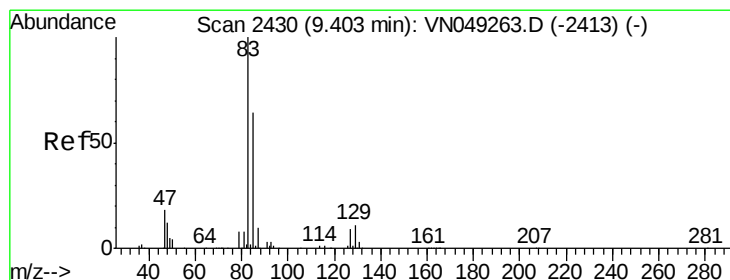
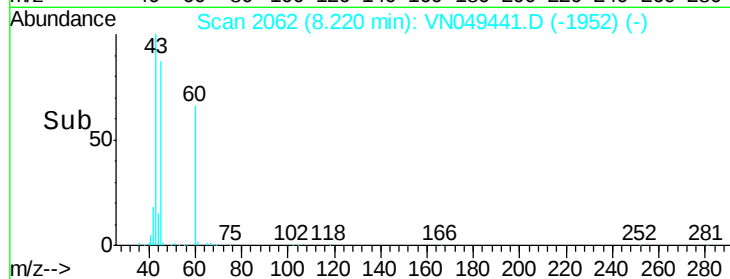
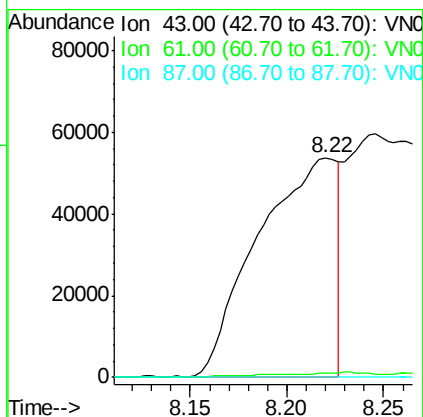
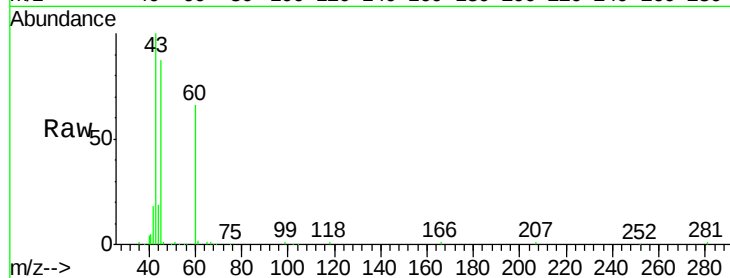
Tot Ion: 43 Resp: 152386

Ion Ratio Lower Upper

43 100

61 0.9 14.2 21.4#

87 0.0 9.4 14.0#



#47

Bromodichloromethane

Concen: 0.40 ug/l

RT: 9.41 min Scan# 2432

Delta R.T. 0.01 min

Lab File: VN049441.D

Acq: 20 Jun 2018 17:29

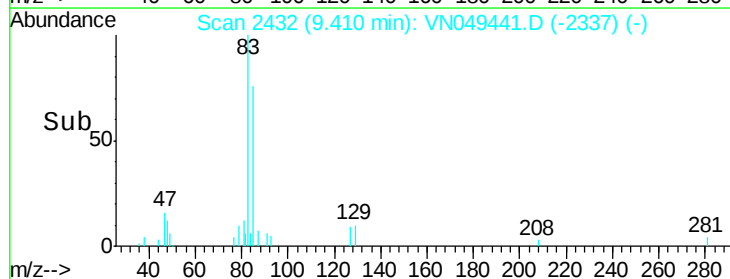
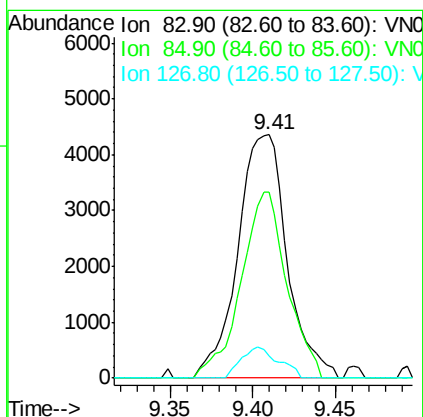
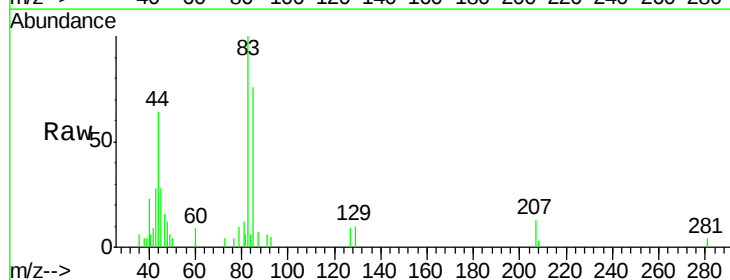
Tgt Ion: 83 Resp: 9022

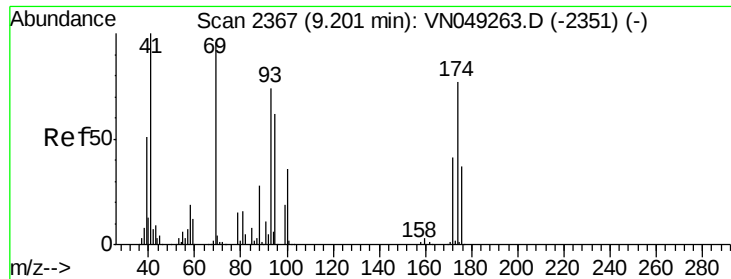
Ion Ratio Lower Upper

83 100

85 76.3 49.4 74.0#

127 9.3 6.3 9.5

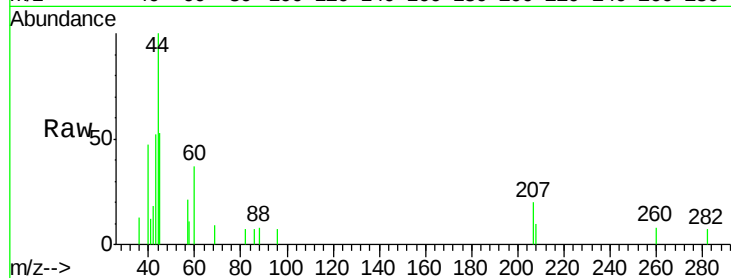




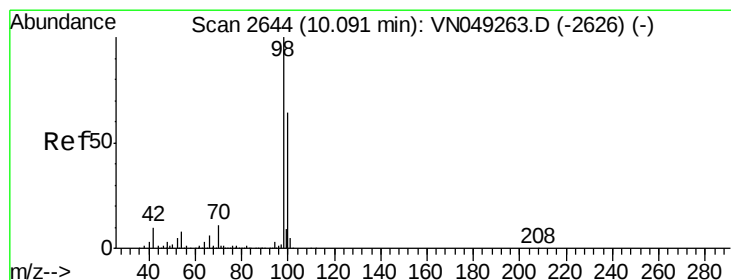
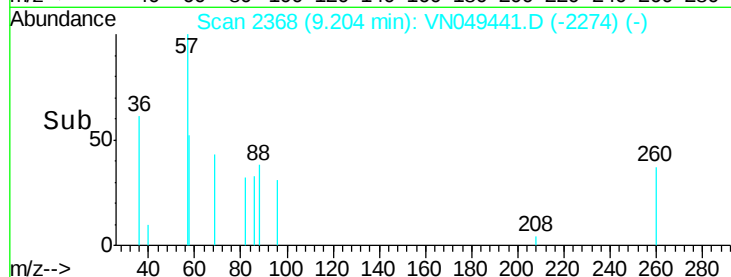
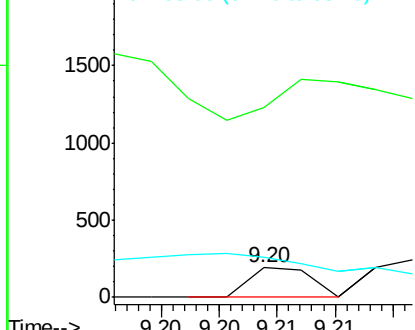
#49
1,4-Dioxane
Concen: 0.47 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN049441.D
Acq: 20 Jun 2018 17:29

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 71
Ion Ratio Lower Upper
88 100
43 285.9 30.9 46.3#
58 664.8 58.9 88.3#

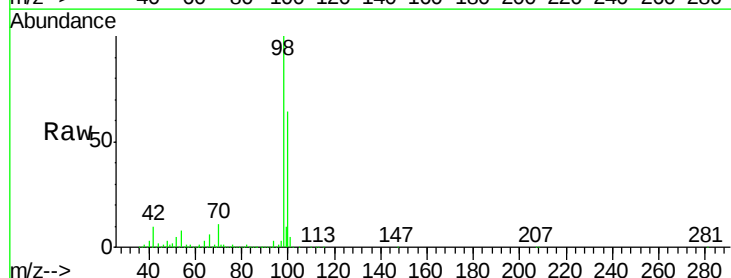


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

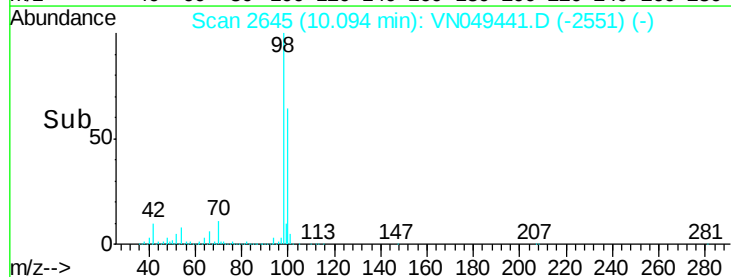
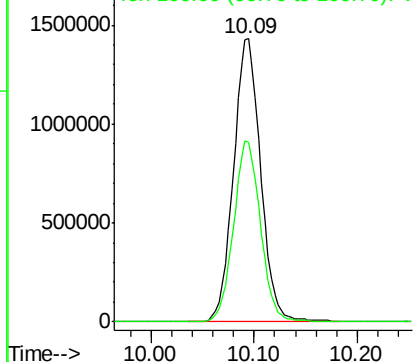


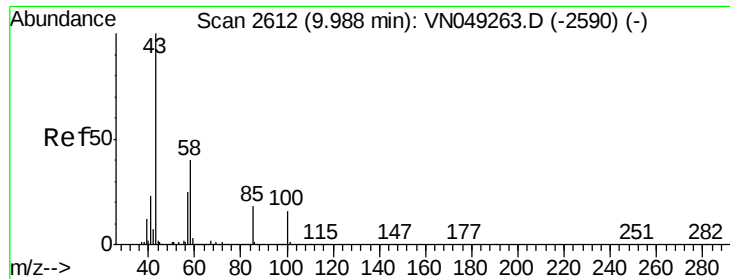
#50
Toluene-d8
Concen: 44.07 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049441.D
Acq: 20 Jun 2018 17:29

Tgt Ion: 98 Resp: 2629971
Ion Ratio Lower Upper
98 100
100 63.7 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

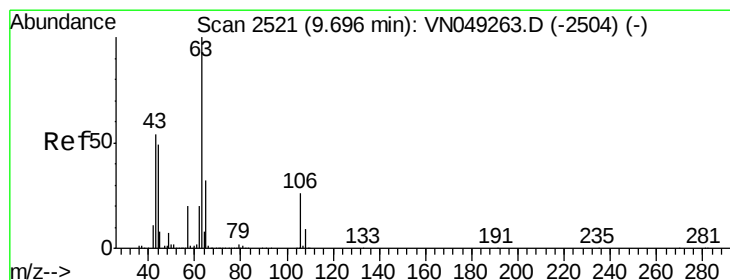
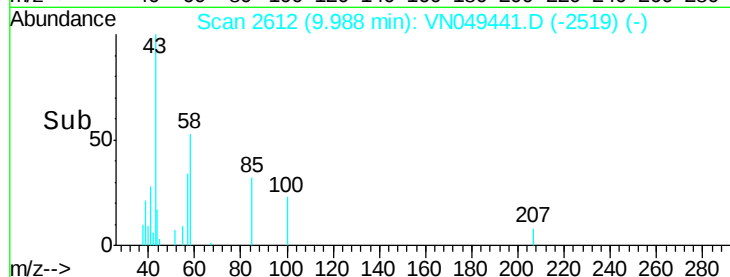
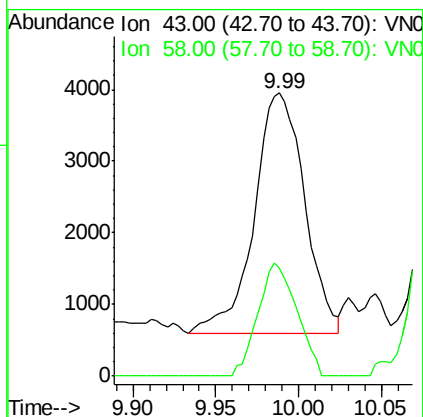
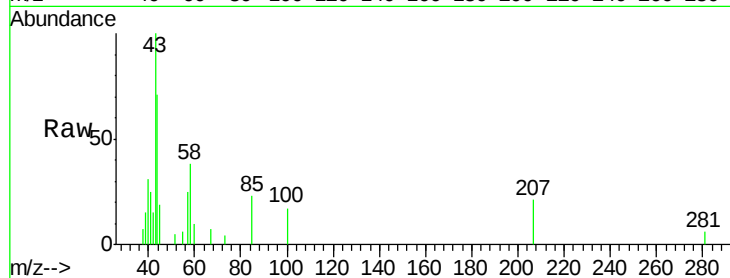




#51
4-Methyl-2-Pentanone
Concen: 0.58 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN049441.D
Acq: 20 Jun 2018 17:29

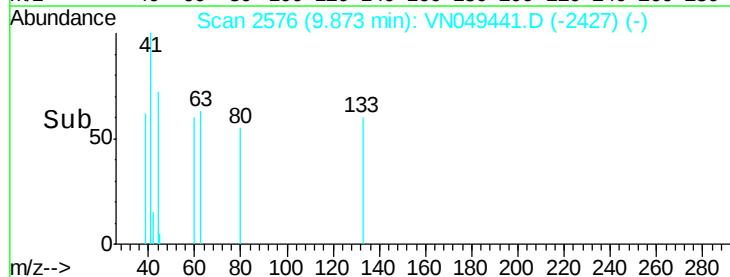
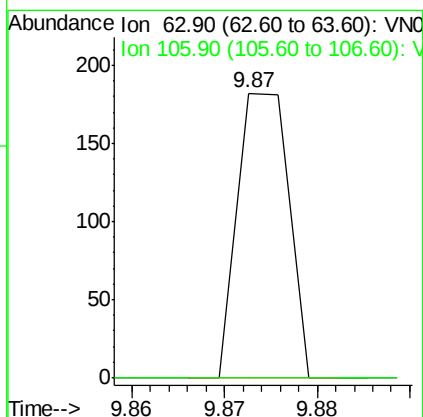
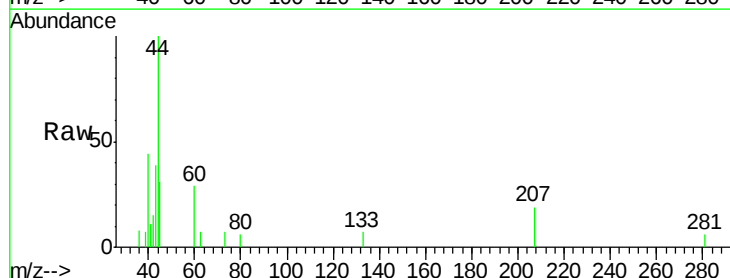
Instrument :
MSVOA_N
ClientSampled :

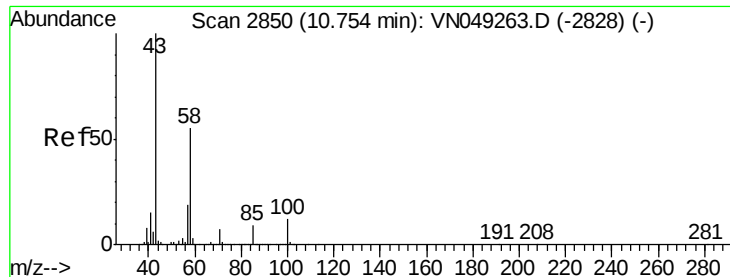
Tot Ion: 43 Resp: 7048
Ion Ratio Lower Upper
43 100
58 36.5 29.0 43.6



#58
2-Chloroethyl Vinyl ether
Concen: 14.34 ug/l
RT: 9.87 min Scan# 2576
Delta R.T. 0.18 min
Lab File: VN049441.D
Acq: 20 Jun 2018 17:29

Tgt Ion: 63 Resp: 70
Ion Ratio Lower Upper
63 100
106 0.0 19.4 29.2#





#59

2-Hexanone

Concen: 0.23 ug/l

RT: 10.76 min Scan# 2852

Delta R.T. 0.01 min

Lab File: VN049441.D

Acq: 20 Jun 2018 17:29

Instrument :

MSVOA_N

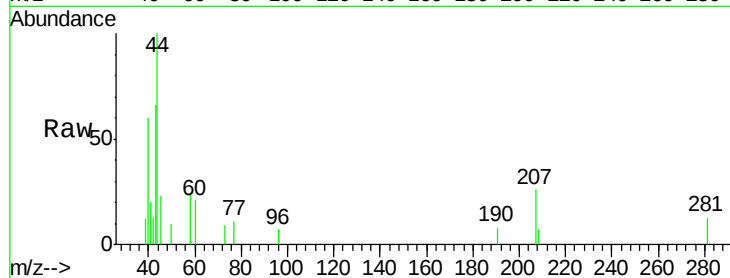
ClientSampleId :

Tot Ion: 43 Resp: 1803

Ion Ratio Lower Upper

43 100

58 41.5 25.2 75.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10.76

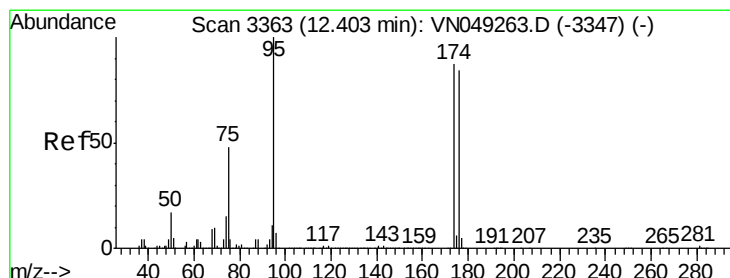
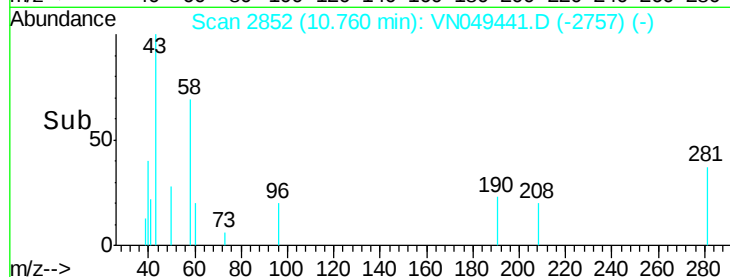
1500

1000

500

0

Time--> 10.70 10.75 10.80



#62

4-Bromofluorobenzene

Concen: 35.84 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049441.D

Acq: 20 Jun 2018 17:29

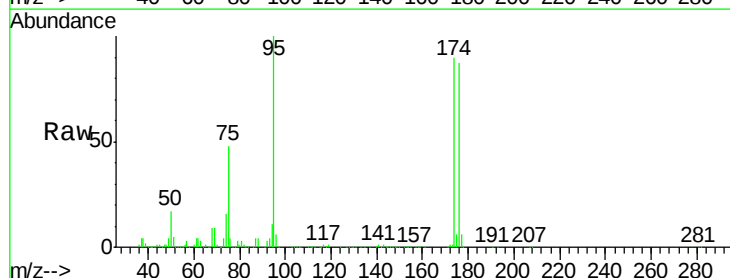
Tgt Ion: 95 Resp: 707317

Ion Ratio Lower Upper

95 100

174 89.5 0.0 165.6

176 85.8 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

500000

400000

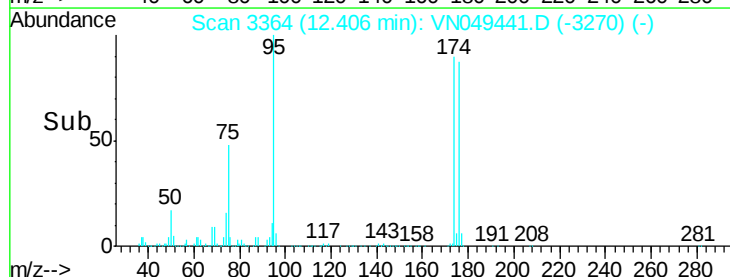
300000

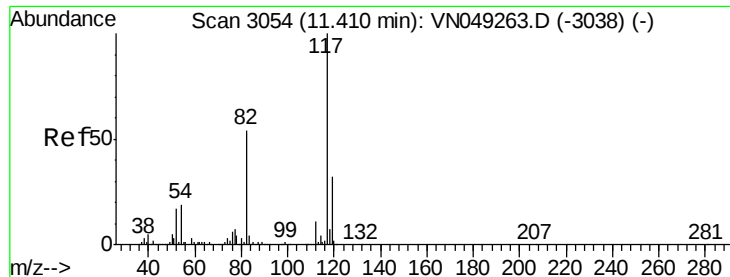
200000

100000

0

Time--> 12.30 12.40 12.50

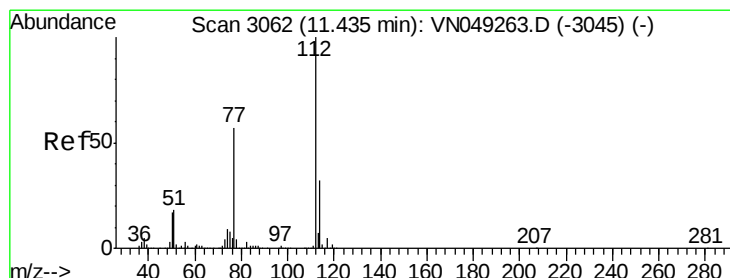
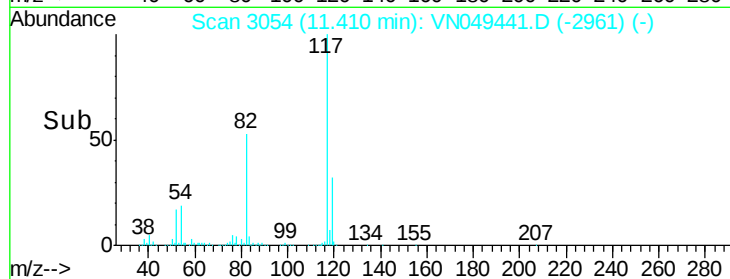
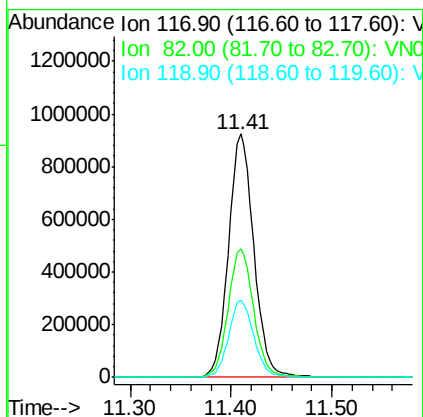
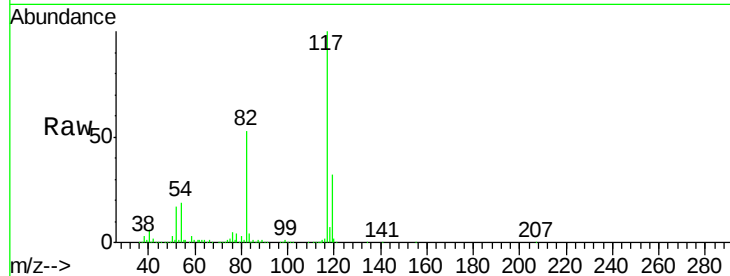




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049441.D
Acq: 20 Jun 2018 17:29

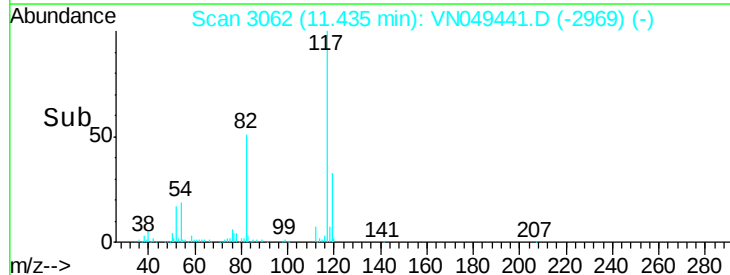
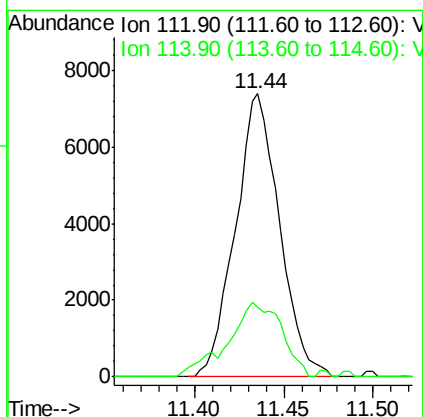
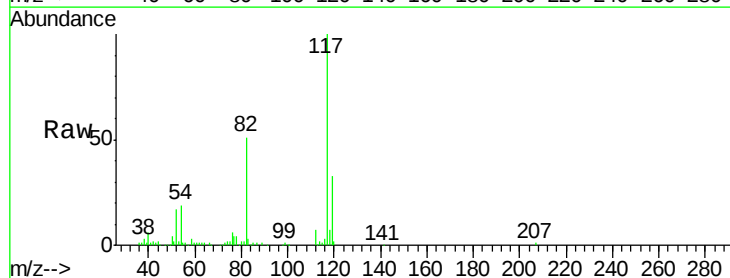
Instrument :
MSVOA_N
ClientSampleId :

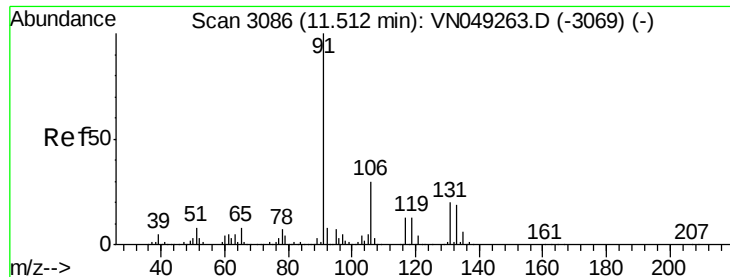
Tot Ion:117 Resp: 1619473
Ion Ratio Lower Upper
117 100
82 52.7 45.9 68.9
119 31.7 25.5 38.3



#65
Chlorobenzene
Concen: 0.30 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN049441.D
Acq: 20 Jun 2018 17:29

Tgt Ion:112 Resp: 12702
Ion Ratio Lower Upper
112 100
114 24.4 26.2 39.4#





#67

Ethyl Benzene

Concen: 0.25 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049441.D

Acq: 20 Jun 2018 17:29

Instrument :

MSVOA_N

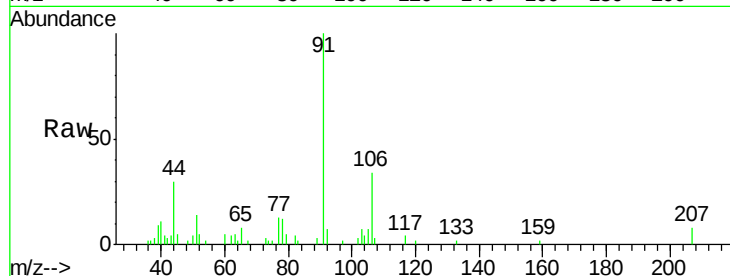
ClientSampled :

Tot Ion: 91 Resp: 17345

Ion Ratio Lower Upper

91 100

106 34.1 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VN049441.D (-2993) (-)

Ion 106.00 (105.70 to 106.70): VN049441.D (-2993) (-)

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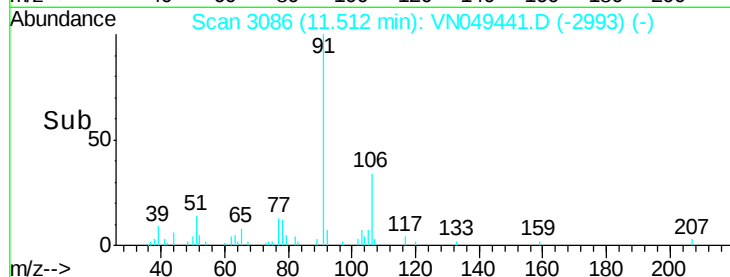
11.51

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Abundance Ion 91.00 (90.70 to 91.70): VN049441.D (-2993) (-)

Ion 106.00 (105.70 to 106.70): VN049441.D (-2993) (-)

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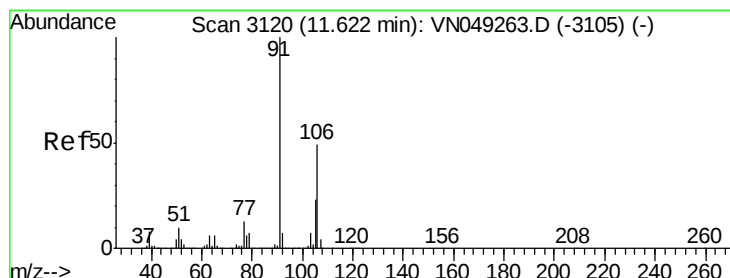
11.51

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#68

m/p-Xylenes

Concen: 0.22 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN049441.D

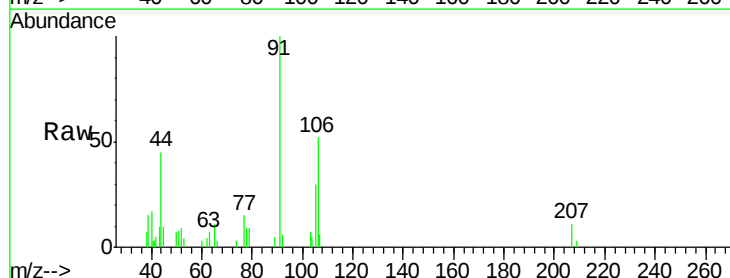
Acq: 20 Jun 2018 17:29

Tgt Ion: 106 Resp: 5610

Ion Ratio Lower Upper

106 100

91 204.3 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): VN049441.D (-3027) (-)

Ion 91.00 (90.70 to 91.70): VN049441.D (-3027) (-)

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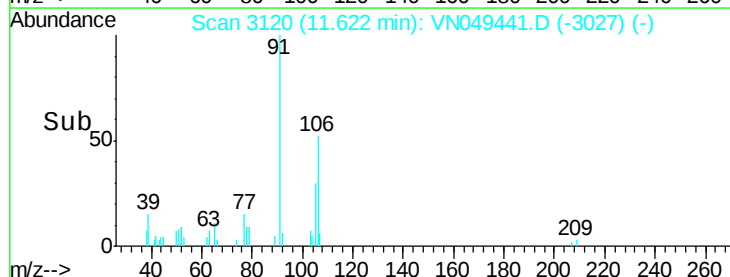
11.62

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Abundance Ion 106.00 (105.70 to 106.70): VN049441.D (-3027) (-)

Ion 91.00 (90.70 to 91.70): VN049441.D (-3027) (-)

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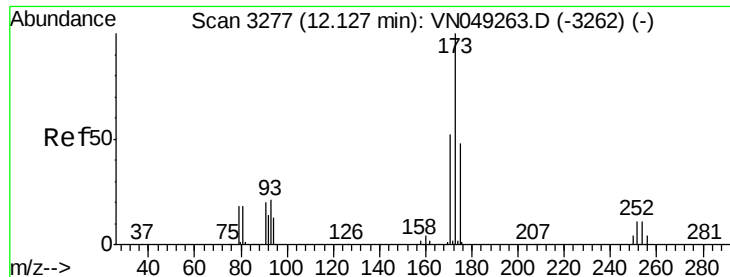
11.62

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#71

Bromoform

Concen: 0.49 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.28 min

Lab File: VN049441.D

Acq: 20 Jun 2018 17:29

Instrument :

MSVOA_N

ClientSampleId :

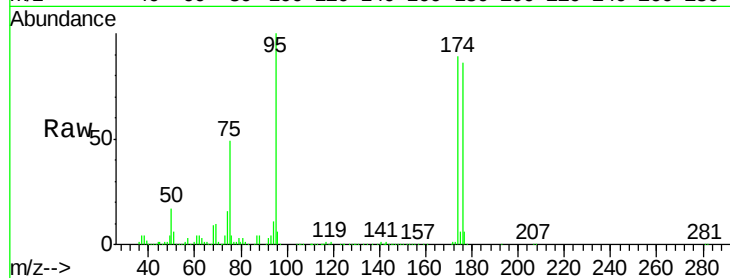
Tot Ion:173 Resp: 4969

Ion Ratio Lower Upper

173 100

175 698.9 24.5 73.5#

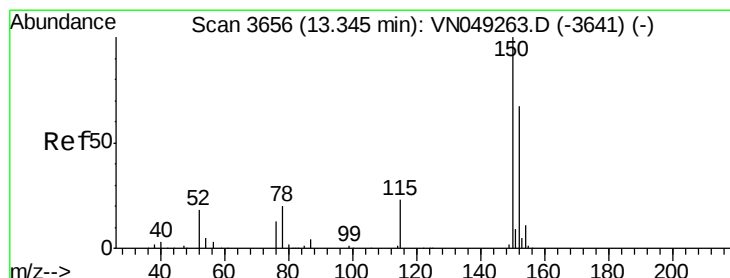
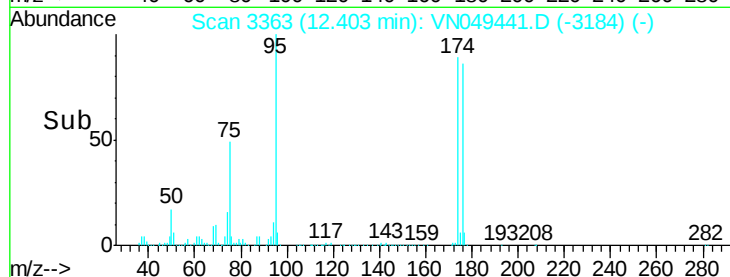
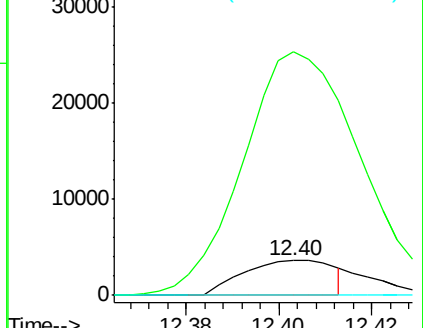
254 0.0 0.1 0.1#



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# 3657

Delta R.T. 0.00 min

Lab File: VN049441.D

Acq: 20 Jun 2018 17:29

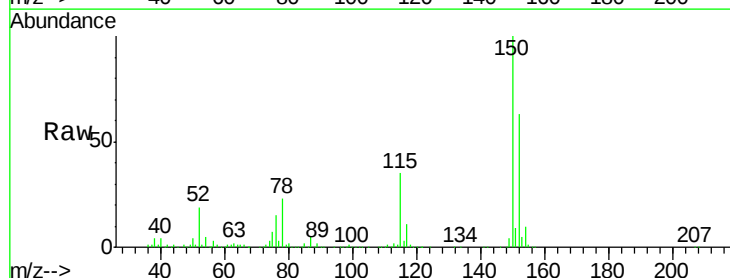
Tgt Ion:152 Resp: 528513

Ion Ratio Lower Upper

152 100

115 55.8 28.7 86.1

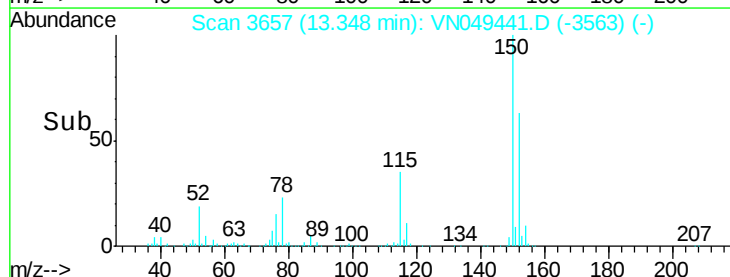
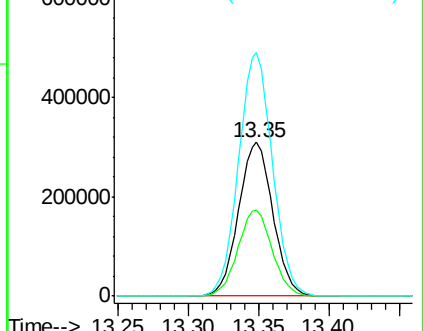
150 156.6 0.0 351.0

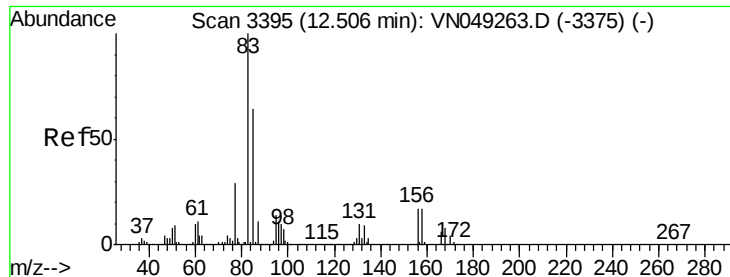


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

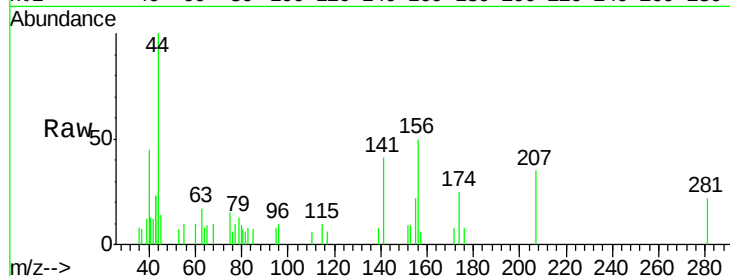




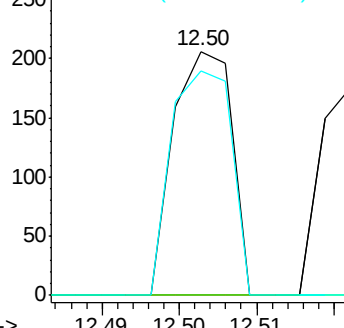
#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 12.50 min Scan# 3394
 Delta R.T. -0.00 min
 Lab File: VN049441.D
 Acq: 20 Jun 2018 17:29

Instrument :
 MSVOA_N
 ClientSampled :

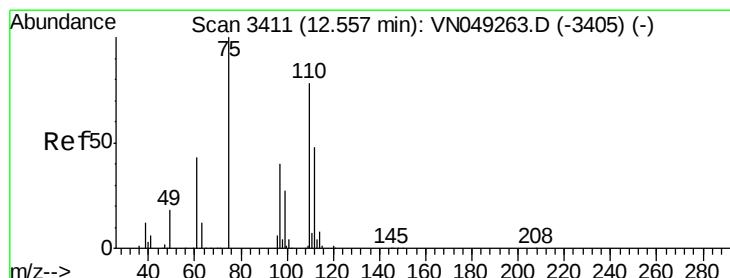
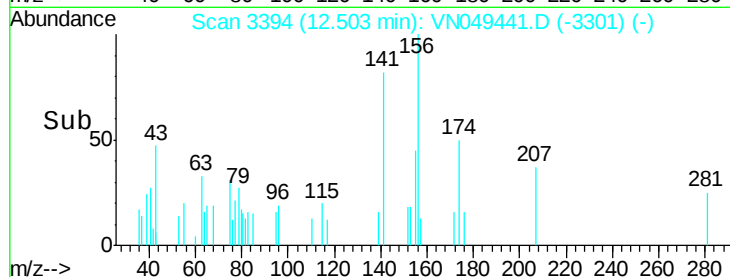
Tot Ion: 83 Resp: 108
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.0 15.0#
 85 95.4 32.0 96.0



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

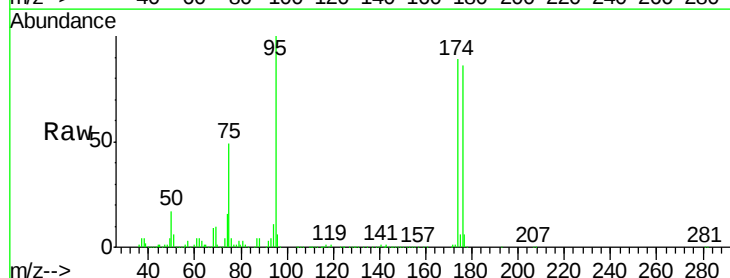


Time-->

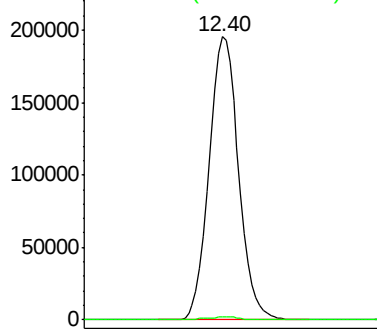


#76
 1,2,3-Trichloropropane
 Concen: 38.07 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. -0.15 min
 Lab File: VN049441.D
 Acq: 20 Jun 2018 17:29

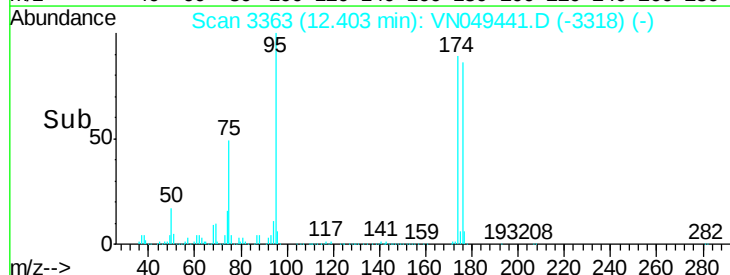
Tgt Ion: 75 Resp: 343313
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

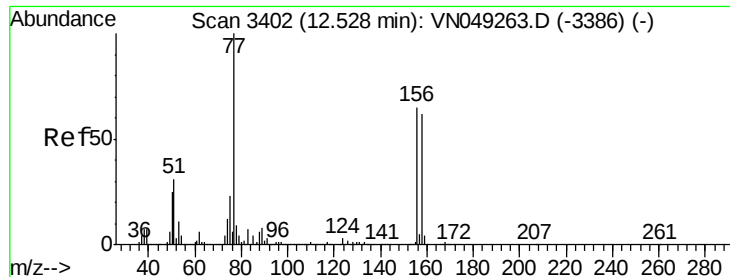


Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 77.00 (76.70 to 77.70): VNO



Time-->





#77

Bromobenzene

Concen: 0.51 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049441.D

Acq: 20 Jun 2018 17:29

Instrument :

MSVOA_N

ClientSampleId :

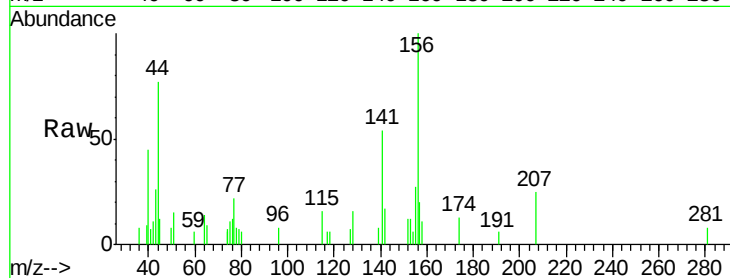
Tot Ion:156 Resp: 6201

Ion Ratio Lower Upper

156 100

77 20.5 100.8 302.4#

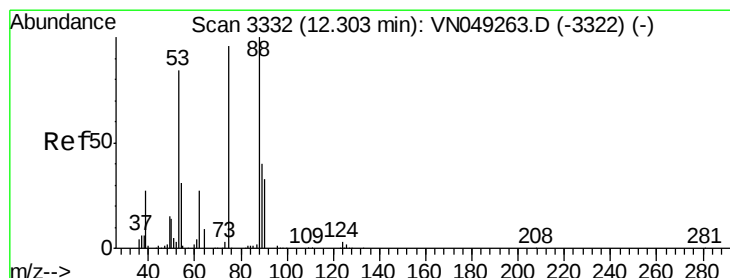
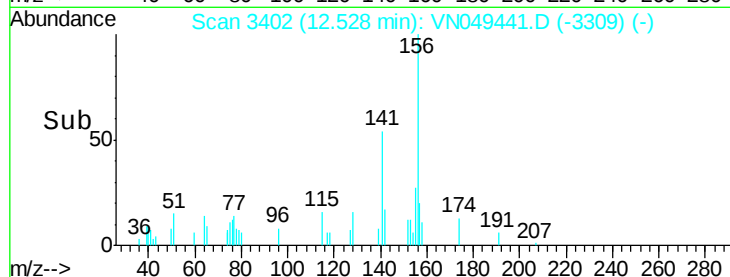
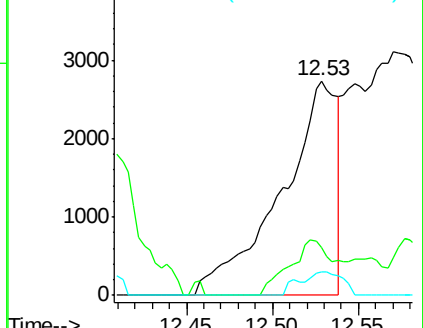
158 6.2 49.3 147.9#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#81

trans-1,4-Dichloro-2-butene

Concen: 120.32 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049441.D

Acq: 20 Jun 2018 17:29

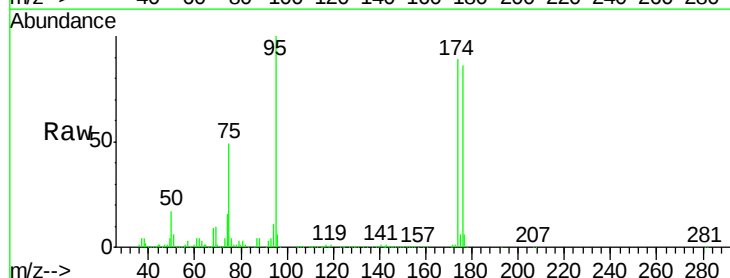
Tgt Ion: 75 Resp: 343313

Ion Ratio Lower Upper

75 100

53 0.2 82.7 124.1#

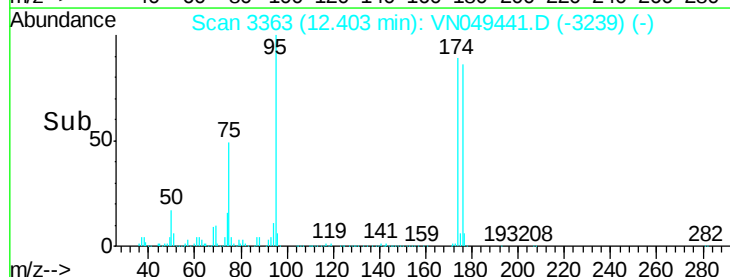
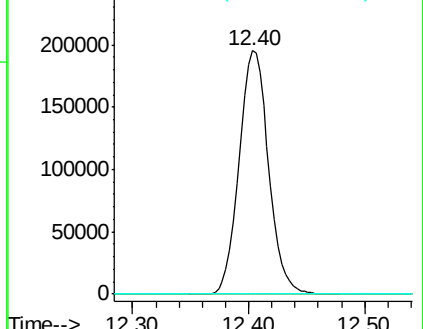
89 0.0 36.5 54.7#

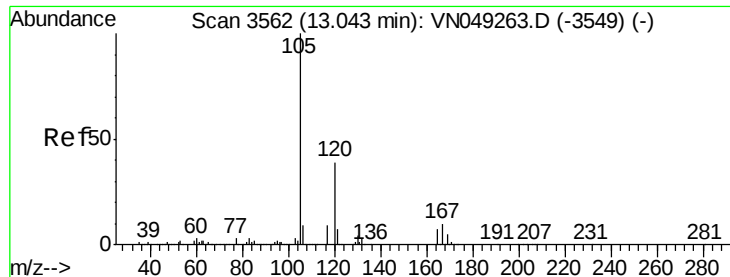


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0





#84

1,2,4-Trimethylbenzene

Concen: 0.47 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049441.D

Acq: 20 Jun 2018 17:29

Instrument :

MSVOA_N

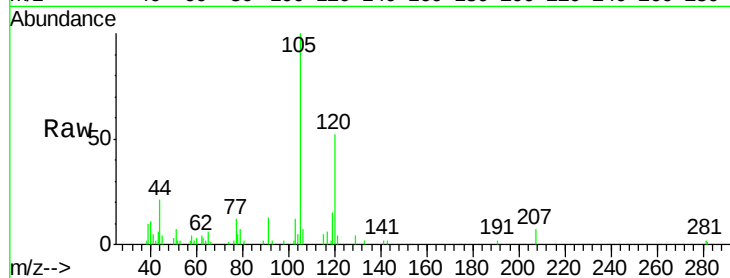
ClientSampleId :

Tot Ion:105 Resp: 17148

Ion Ratio Lower Upper

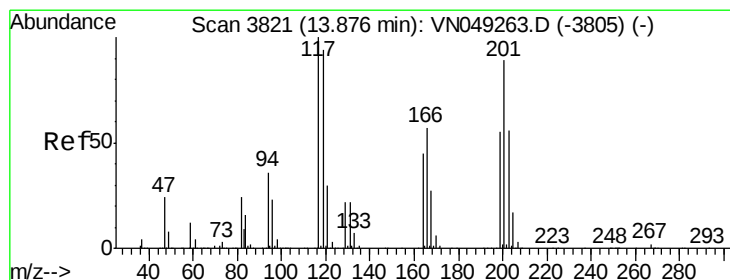
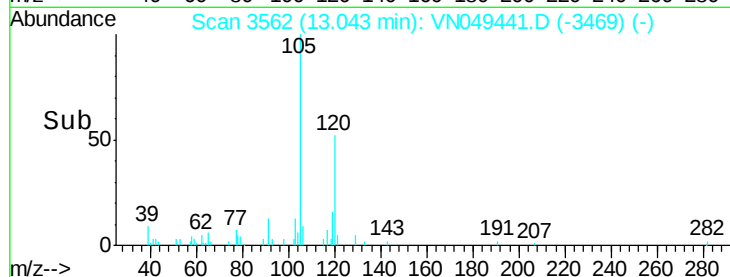
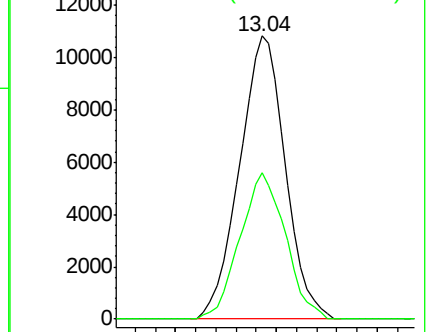
105 100

120 51.4 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#90

Hexachloroethane

Concen: Below Cal

RT: 13.89 min Scan# 3826

Delta R.T. 0.02 min

Lab File: VN049441.D

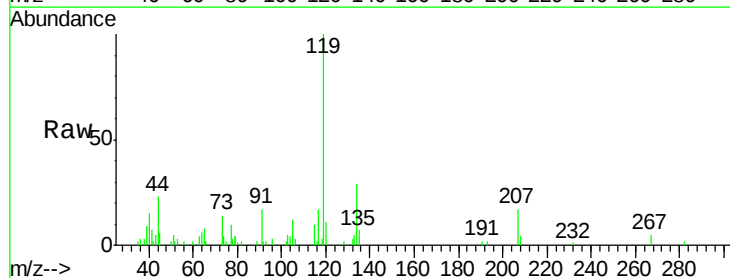
Acq: 20 Jun 2018 17:29

Tgt Ion:117 Resp: 2545

Ion Ratio Lower Upper

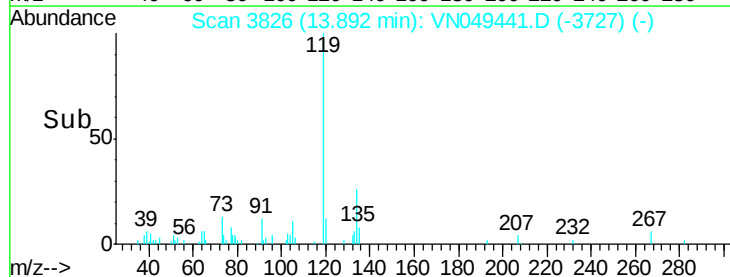
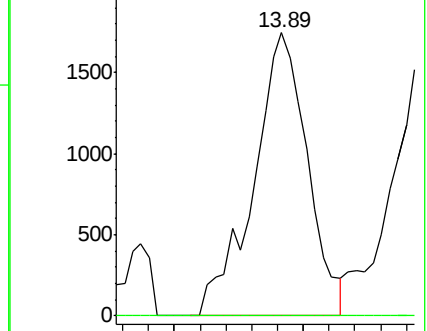
117 100

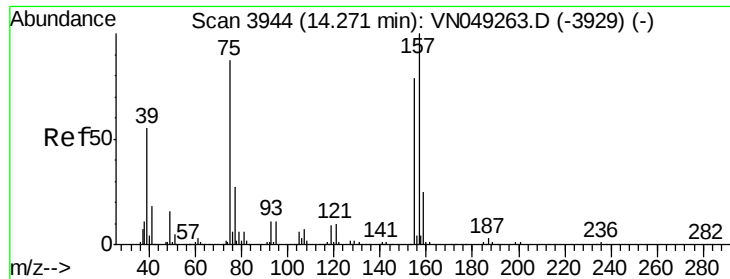
201 0.0 40.1 120.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

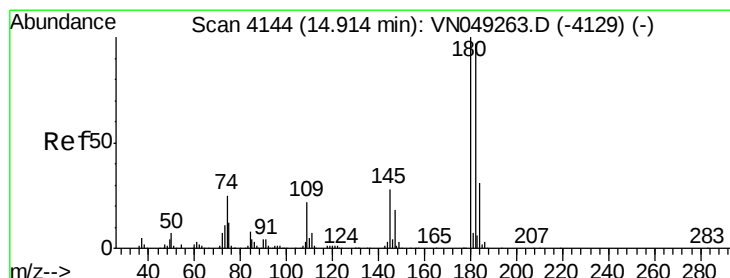
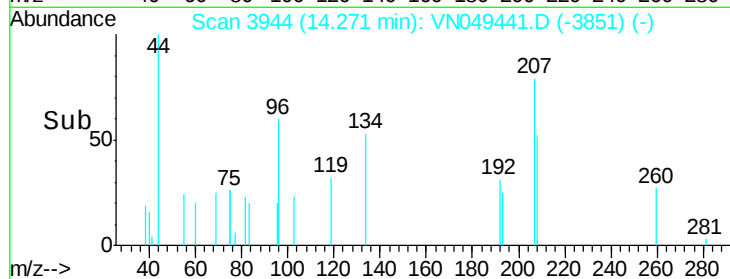
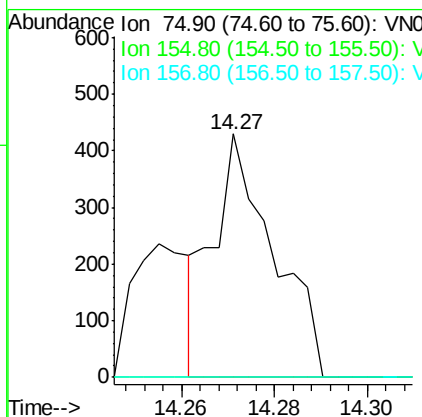
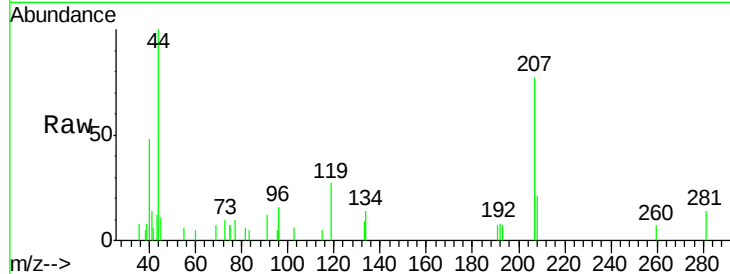




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.24 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN049441.D
 Acq: 20 Jun 2018 17:29

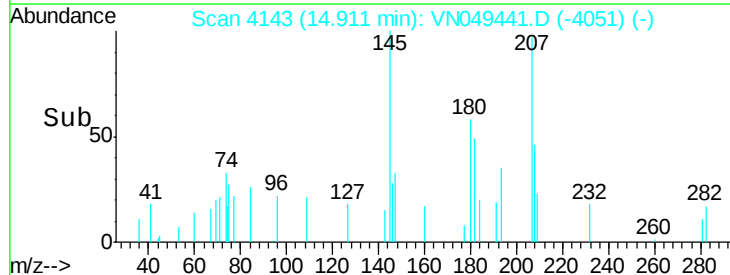
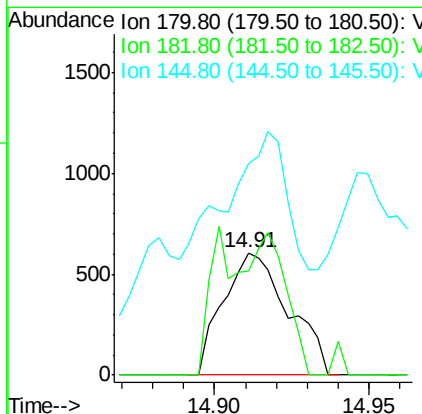
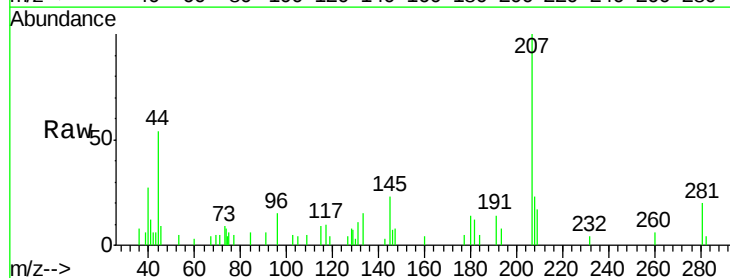
Instrument :
 MSVOA_N
 ClientSampled :

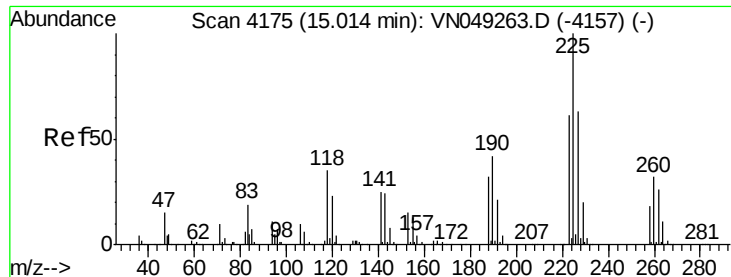
Tot Ion: 75 Resp: 386
 Ion Ratio Lower Upper
 75 100
 155 0.0 38.8 116.3#
 157 0.0 51.0 153.1#



#93
 1,2,4-Trichlorobenzene
 Concen: 4.83 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN049441.D
 Acq: 20 Jun 2018 17:29

Tgt Ion: 180 Resp: 888
 Ion Ratio Lower Upper
 180 100
 182 66.4 46.9 140.8
 145 228.7 14.7 44.1#

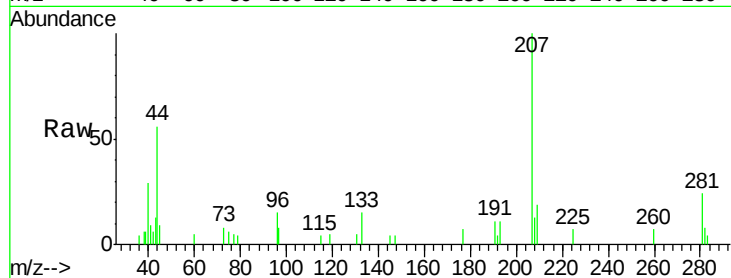




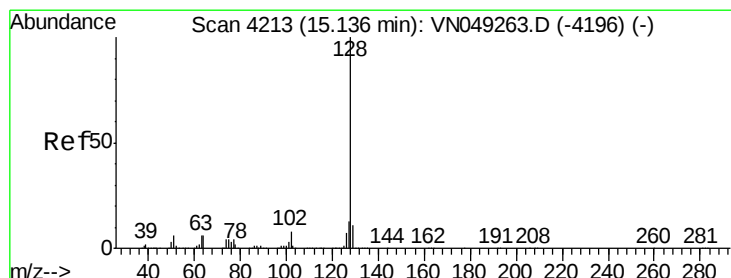
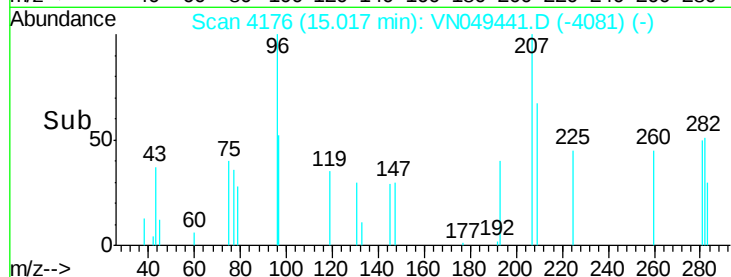
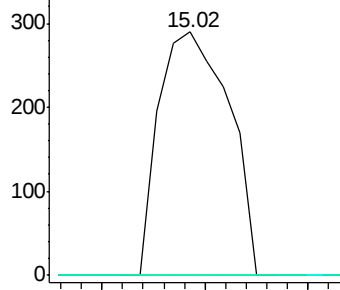
#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.02 min Scan# 4176
Delta R.T. 0.00 min
Lab File: VN049441.D
Acq: 20 Jun 2018 17:29

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
225	100		
223	0.0	32.1	96.3#
227	0.0	31.8	95.3#

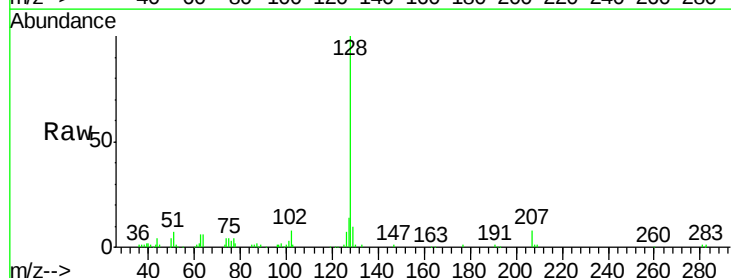


Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

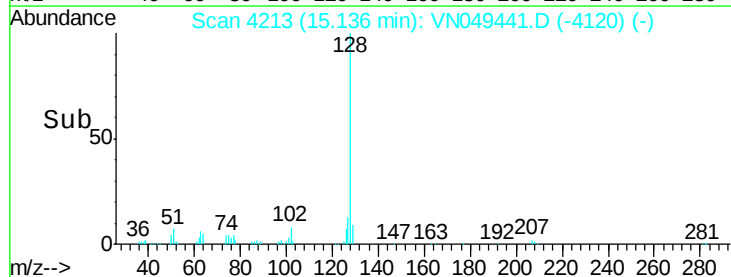
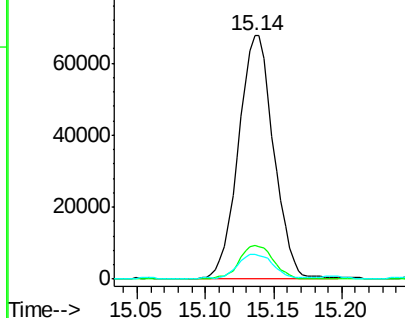


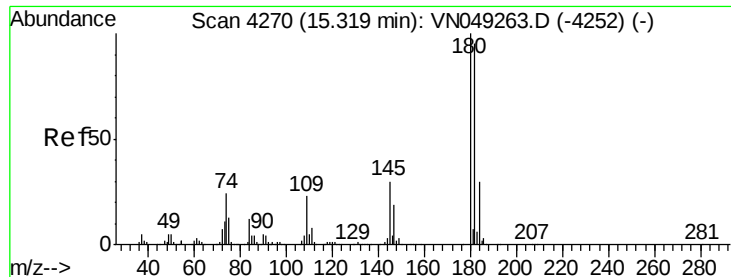
#95
Naphthalene
Concen: 10.14 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049441.D
Acq: 20 Jun 2018 17:29

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.6	16.0
129	10.2	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

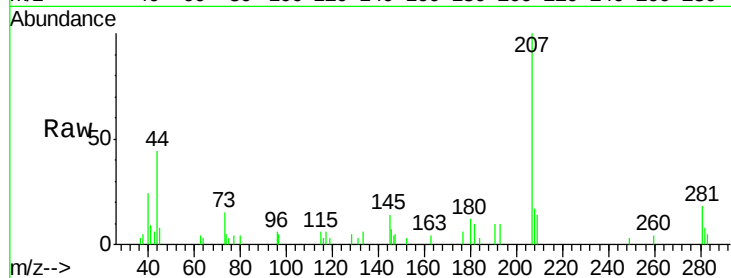




#96
 1,2,3-Trichlorobenzene
 Concen: 3.55 ug/l
 RT: 15.32 min Scan# 4270
 Delta R.T. 0.00 min
 Lab File: VN049441.D
 Acq: 20 Jun 2018 17:29

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 840
 Ion Ratio Lower Upper
 180 100
 182 121.8 47.3 141.8
 145 80.2 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

