

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061818\
 Data File : VN049379.D
 Acq On : 19 Jun 2018 7:32
 Operator : MD\SY
 Sample : J3431-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 19 08:02:00 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	1407121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2078153	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1738746	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	541494	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	846592	45.36	ug/l	0.00
Spiked Amount			Recovery	=	90.72%	
35) Dibromofluoromethane	7.59	113	768046	45.68	ug/l	0.00
Spiked Amount			Recovery	=	91.36%	
50) Toluene-d8	10.09	98	2906001	45.39	ug/l	0.00
Spiked Amount			Recovery	=	90.78%	
62) 4-Bromofluorobenzene	12.41	95	770829	36.41	ug/l	0.00
Spiked Amount			Recovery	=	72.82%	

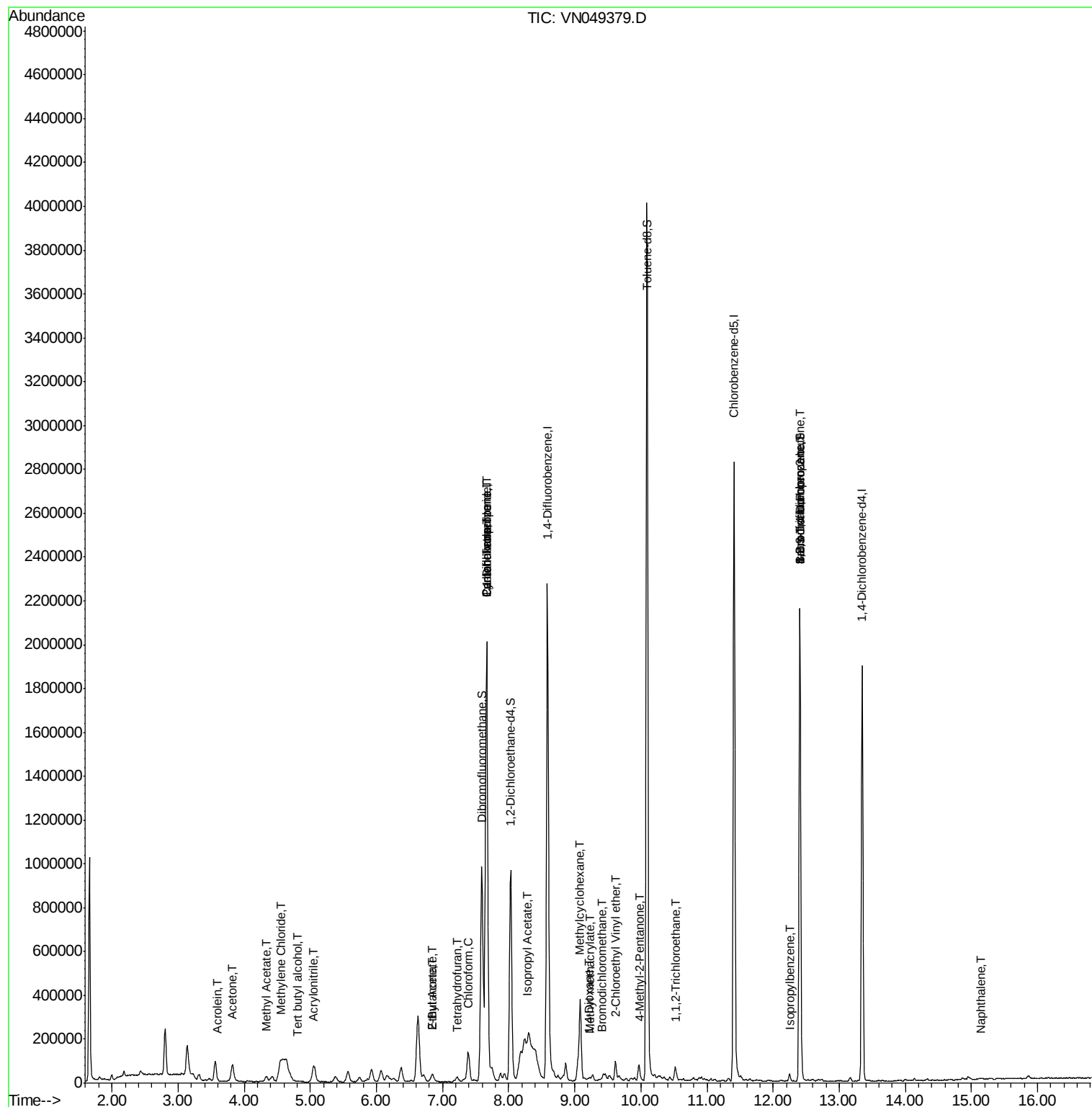
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.81	59	6656	6.08	ug/l #	70
13) Acrolein	3.60	56	577	0.50	ug/l #	14
15) Acrylonitrile	5.04	53	1561	0.28	ug/l #	41
16) Acetone	3.82	43	132089	29.15	ug/l	96
18) Methyl Acetate	4.33	43	48185	3.49	ug/l	98
20) Methylene Chloride	4.55	84	49874	2.64	ug/l	89
25) 2-Butanone	6.85	43	54059	8.88	ug/l	96
29) Tetrahydrofuran	7.22	42	4093	1.04	ug/l #	80
30) Chloroform	7.37	83	18689	0.58	ug/l	87
31) Cyclohexane	7.66	56	293690	10.50	ug/l #	83
36) 1,1-Dichloropropene	7.67	75	99626	4.18	ug/l #	51
37) Ethyl Acetate	6.85	43	54059	4.18	ug/l #	70
38) Carbon Tetrachloride	7.67	117	128817	5.22	ug/l #	16
39) Methylcyclohexane	9.08	83	155293	6.07	ug/l	95
43) Isopropyl Acetate	8.27	43	248280	10.04	ug/l #	64
47) Bromodichloromethane	9.40	83	6057	0.25	ug/l	99
48) Methyl methacrylate	9.23	41	2880	0.25	ug/l #	42
49) 1,4-Dioxane	9.21	88	65	0.40	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	6956	0.54	ug/l #	81
55) 1,1,2-Trichloroethane	10.53	97	4013	0.25	ug/l #	19
58) 2-Chloroethyl Vinyl ether	9.62	63	1621	14.56	ug/l #	51
71) Bromoform	12.40	173	4096	0.38	ug/l #	1
73) Isopropylbenzene	12.25	105	16599	0.35	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.52	83	147	Below	Cal #	79
76) 1,2,3-Trichloropropane	12.41	75	371078	40.16	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	371078	126.94	ug/l #	9
90) Hexachloroethane	13.76	117	30	Below	Cal #	9
95) Naphthalene	15.14	128	1954	2.21	ug/l #	79

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

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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049379.D

Acq: 19 Jun 2018 7:32

Instrument :

MSVOA_N

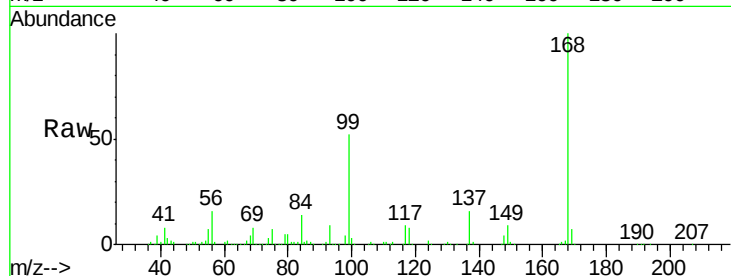
ClientSampleId :

Tot Ion:168 Resp: 1407121

Ion Ratio Lower Upper

168 100

99 51.5 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

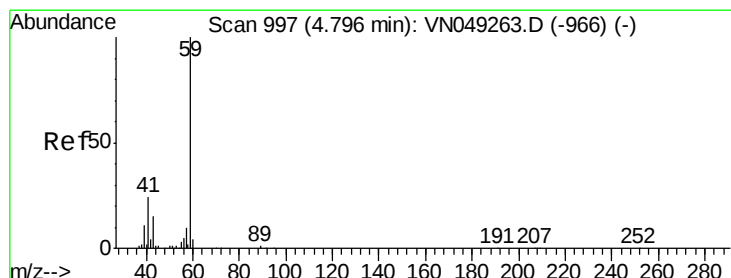
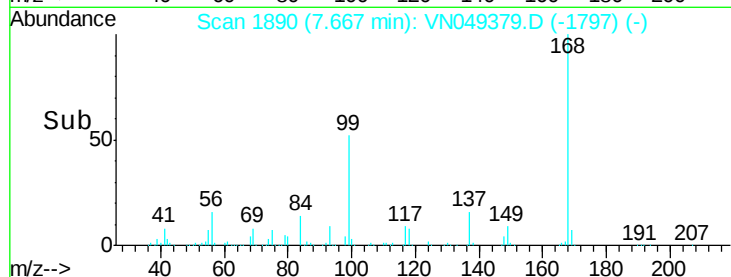
600000

400000

200000

0

Time-->



#11

Tert butyl alcohol

Concen: 6.08 ug/l

RT: 4.81 min Scan# 1000

Delta R.T. 0.01 min

Lab File: VN049379.D

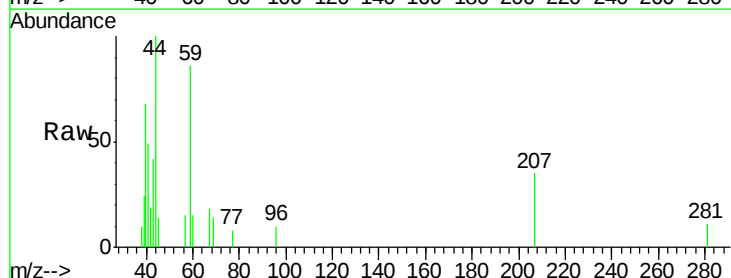
Acq: 19 Jun 2018 7:32

Tgt Ion: 59 Resp: 6656

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.81

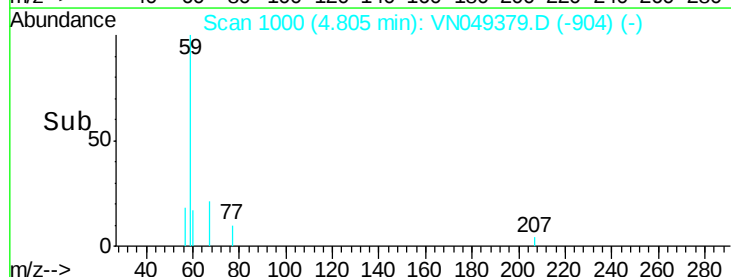
1500

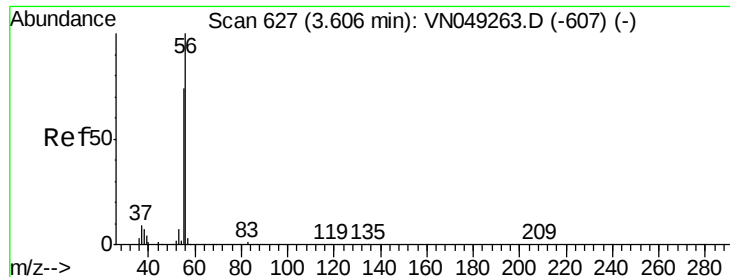
1000

500

0

Time-->





#13

Acrolein

Concen: 0.50 ug/l

RT: 3.60 min Scan# 626

Delta R.T. -0.00 min

Lab File: VN049379.D

Acq: 19 Jun 2018 7:32

Instrument :

MSVOA_N

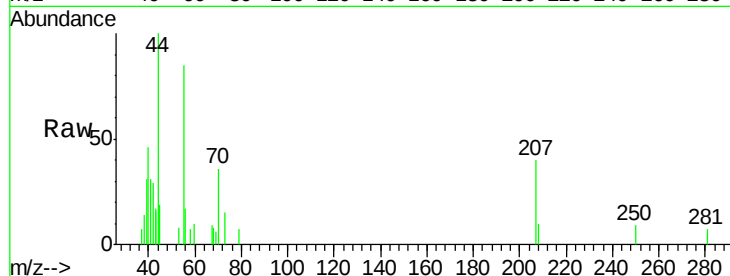
ClientSampled :

Tot Ion: 56 Resp: 577

Ion Ratio Lower Upper

56 100

55 0.0 57.1 85.7#



Abundance Ion 56.00 (55.70 to 56.70): VN049263.D (-607) (-)

Ion 55.00 (54.70 to 55.70): VN049263.D (-607) (-)

25000

20000

15000

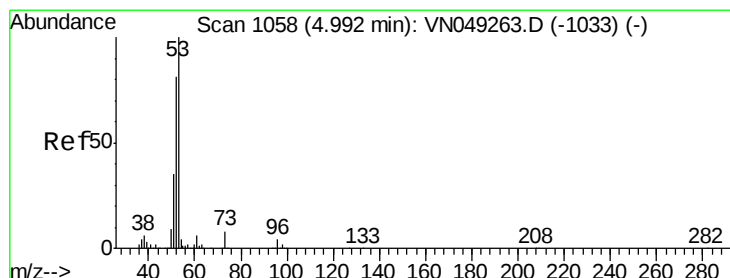
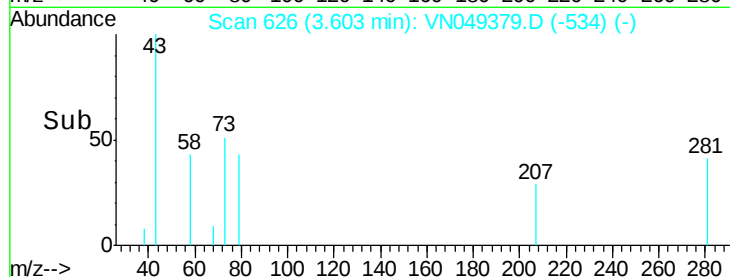
10000

5000

0

3.58 3.60 3.62 3.64

Time-->



#15

Acrylonitrile

Concen: 0.28 ug/l

RT: 5.04 min Scan# 1073

Delta R.T. 0.05 min

Lab File: VN049379.D

Acq: 19 Jun 2018 7:32

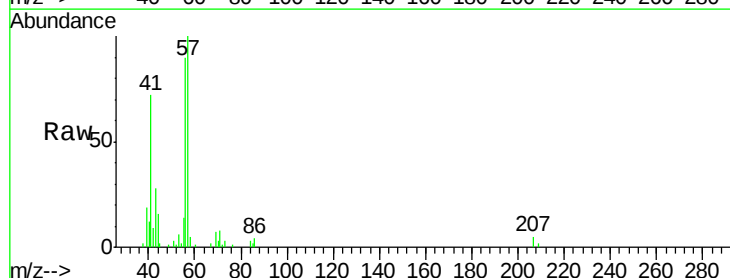
Tgt Ion: 53 Resp: 1561

Ion Ratio Lower Upper

53 100

52 9.2 66.6 100.0#

51 41.0 29.8 44.8



Abundance Ion 53.00 (52.70 to 53.70): VN049263.D (-1033) (-)

Ion 52.00 (51.70 to 52.70): VN049263.D (-1033) (-)

Ion 51.00 (50.70 to 51.70): VN049263.D (-1033) (-)

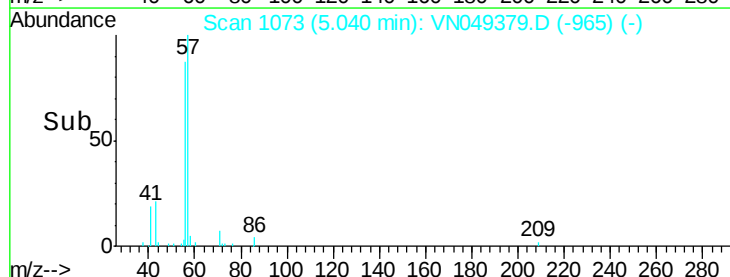
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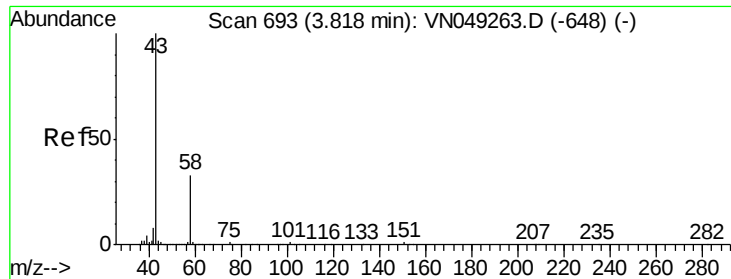
500

0

5.00 5.02 5.04 5.06

Time-->





#16

Acetone

Concen: 29.15 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049379.D

Acq: 19 Jun 2018 7:32

Instrument :

MSVOA_N

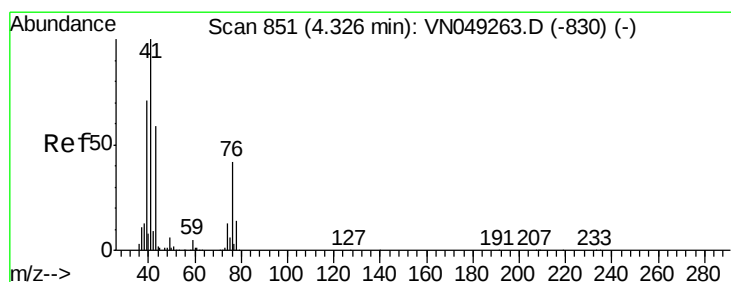
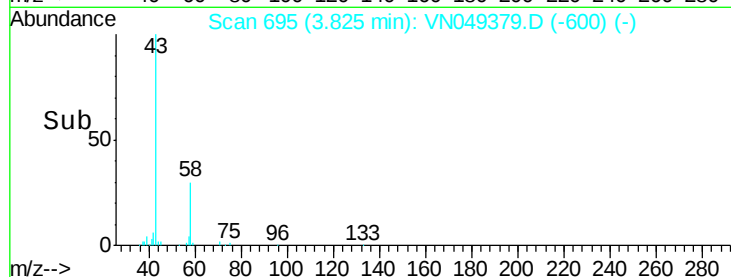
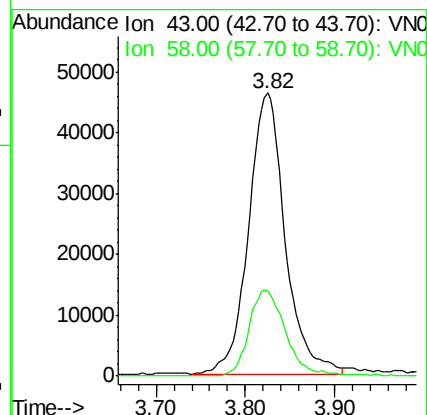
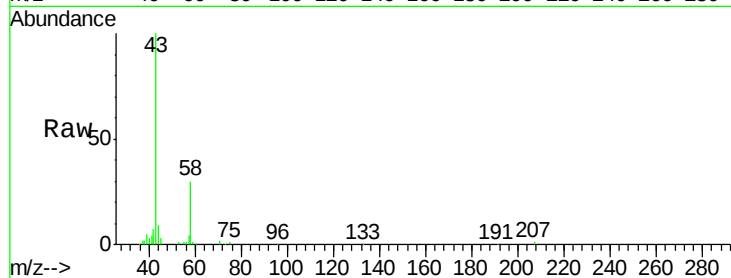
ClientSampleId :

Tot Ion: 43 Resp: 132089

Ion Ratio Lower Upper

43 100

58 30.0 22.4 33.6



#18

Methyl Acetate

Concen: 3.49 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN049379.D

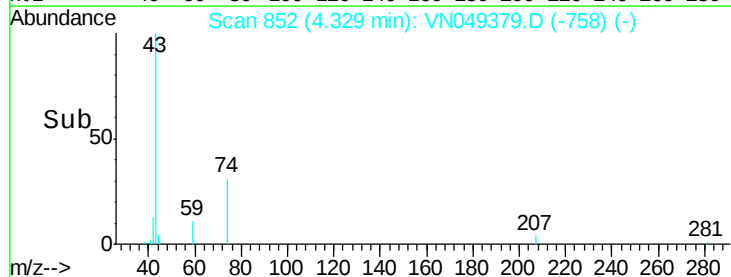
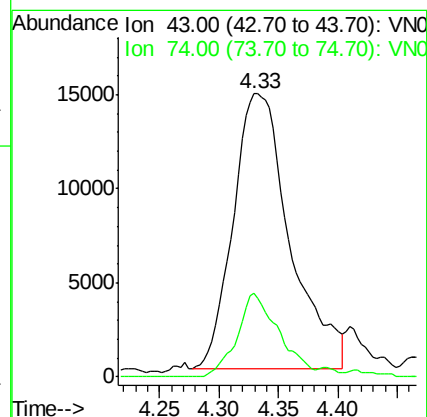
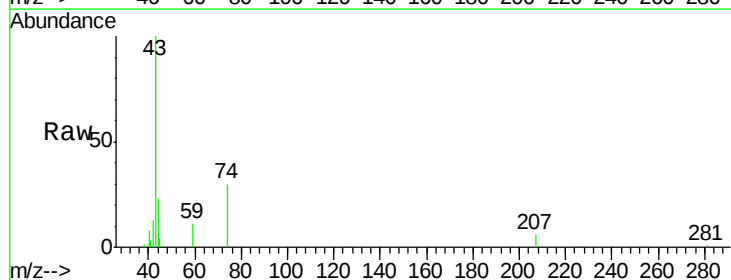
Acq: 19 Jun 2018 7:32

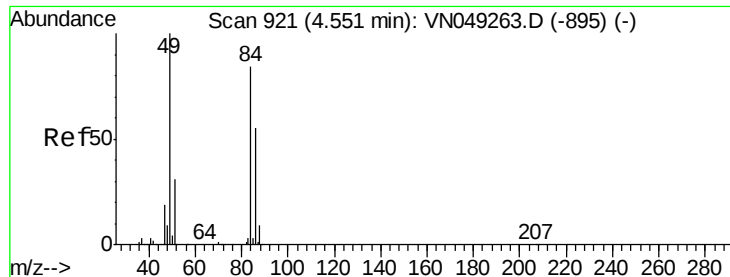
Tgt Ion: 43 Resp: 48185

Ion Ratio Lower Upper

43 100

74 22.5 17.4 26.0

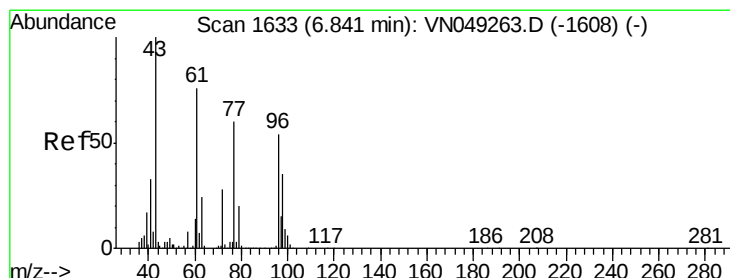
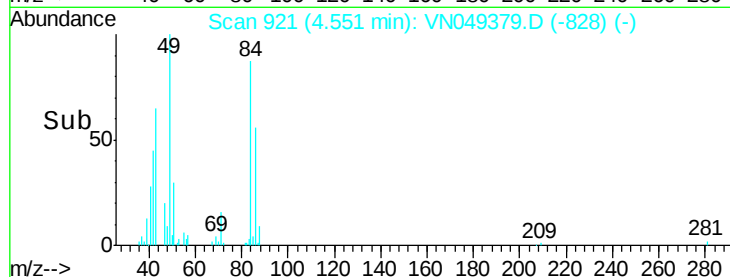
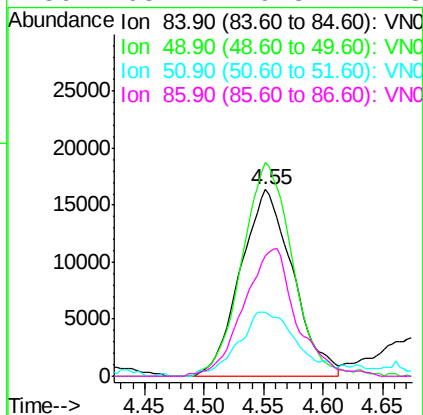
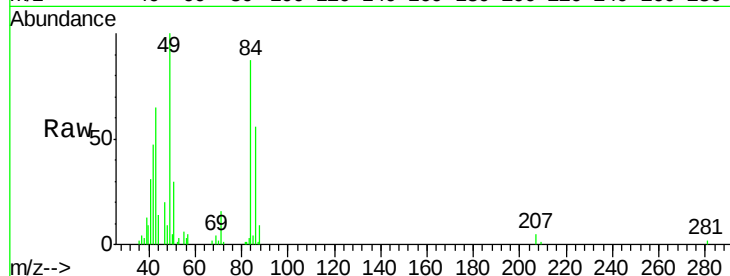




#20
Methvlene Chloride
Concen: 2.64 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049379.D
Acq: 19 Jun 2018 7:32

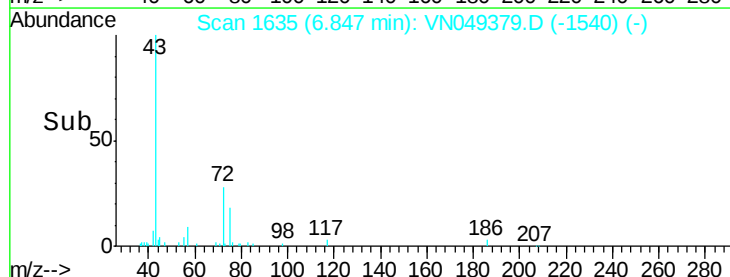
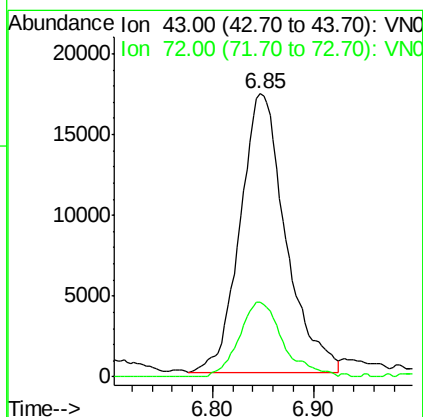
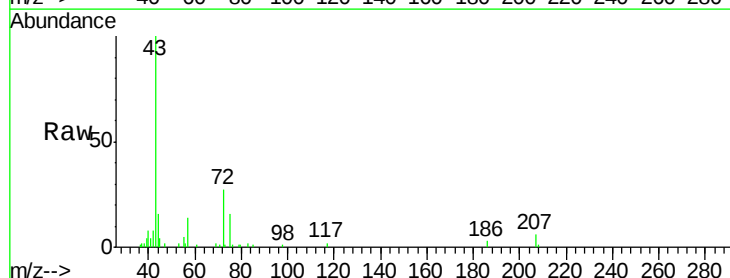
Instrument :
MSVOA_N
ClientSampled :

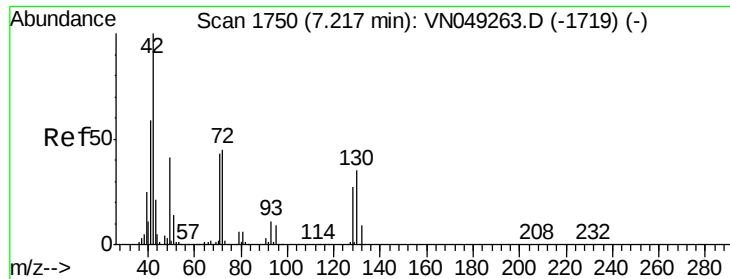
Tot Ion: 84 Resp: 49874
Ion Ratio Lower Upper
84 100
49 114.5 106.9 160.3
51 34.2 32.7 49.1
86 63.2 49.8 74.8



#25
2-Butanone
Concen: 8.88 ug/l
RT: 6.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VN049379.D
Acq: 19 Jun 2018 7:32

Tgt Ion: 43 Resp: 54059
Ion Ratio Lower Upper
43 100
72 27.0 20.2 30.2





#29

Tetrahydrofuran

Concen: 1.04 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VN049379.D

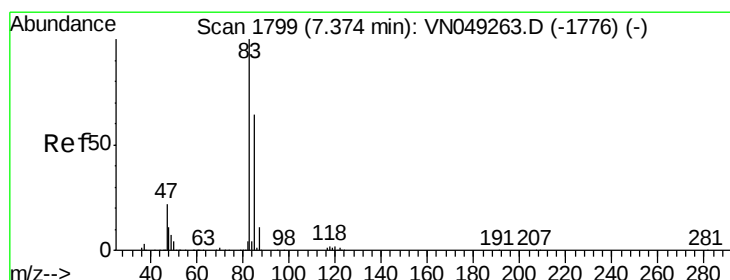
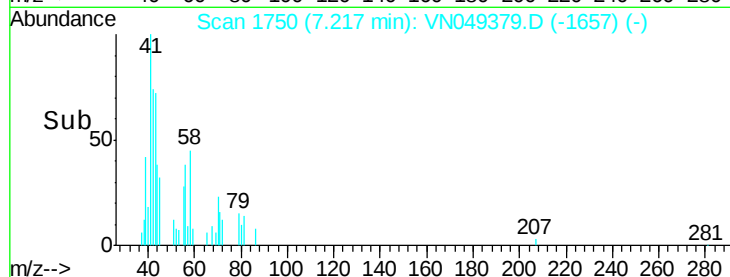
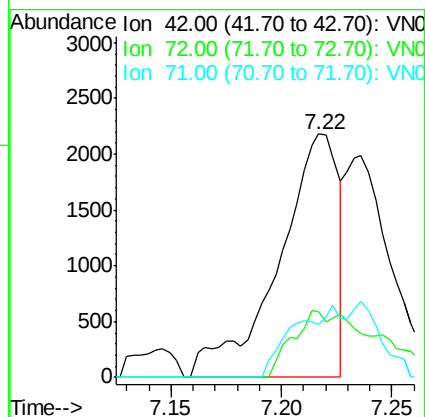
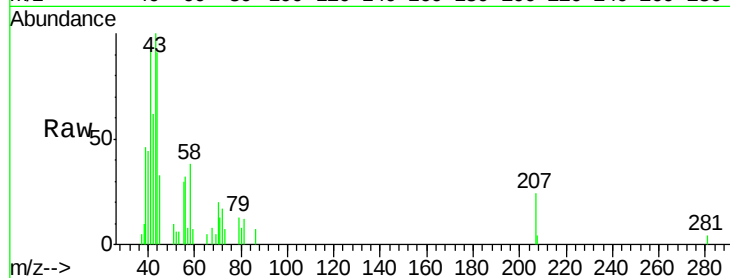
Acq: 19 Jun 2018 7:32

Instrument :

MSVOA_N

ClientSampled :

Tot Ion:	42	Resp:	4093
Ion	Ratio	Lower	Upper
42	100		
72	38.2	32.2	48.4
71	14.9	30.5	45.7#



#30

Chloroform

Concen: 0.58 ug/l

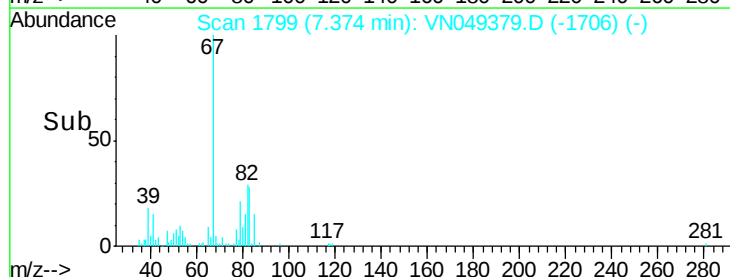
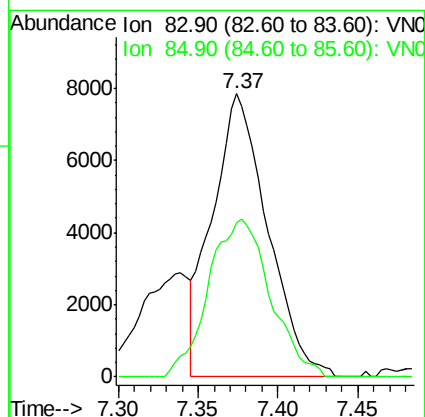
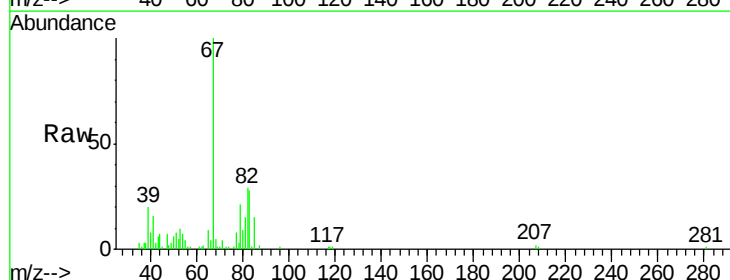
RT: 7.37 min Scan# 1799

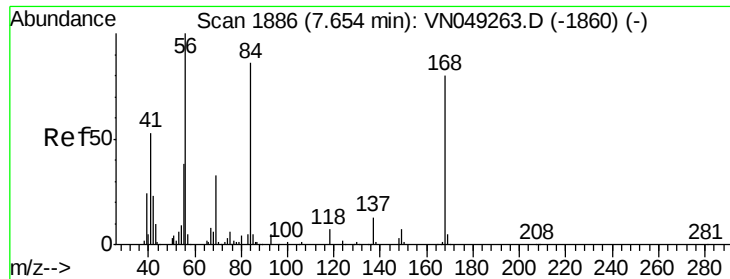
Delta R.T. 0.00 min

Lab File: VN049379.D

Acq: 19 Jun 2018 7:32

Tgt Ion:	83	Resp:	18689
Ion	Ratio	Lower	Upper
83	100		
85	54.4	51.7	77.5

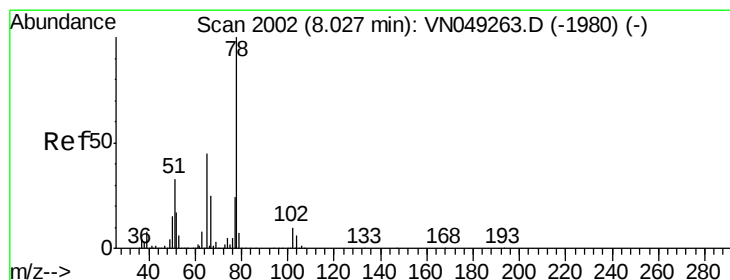
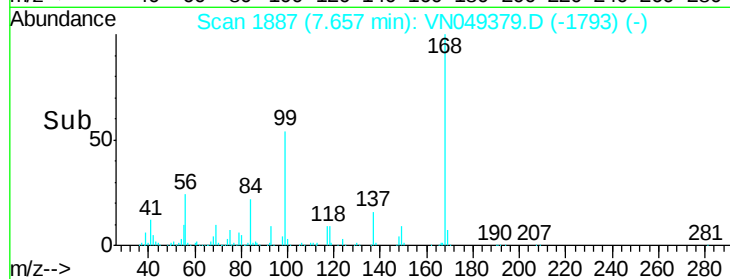
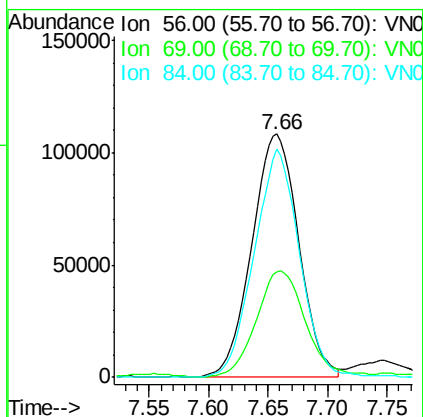
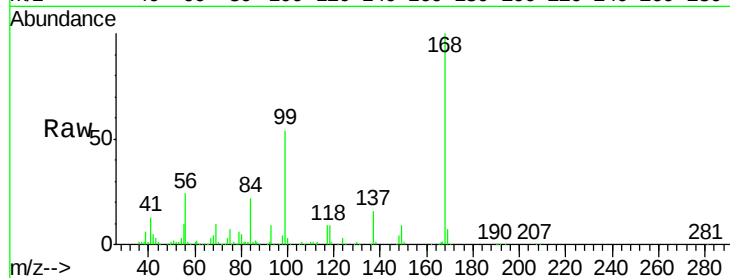




#31
Cvclohexane
Concen: 10.50 ug/l
RT: 7.66 min Scan# 1887
Delta R.T. 0.00 min
Lab File: VN049379.D
Acq: 19 Jun 2018 7:32

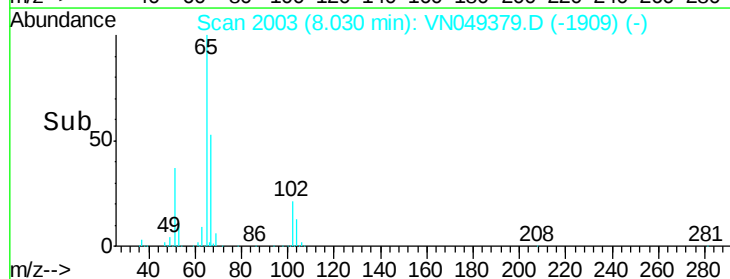
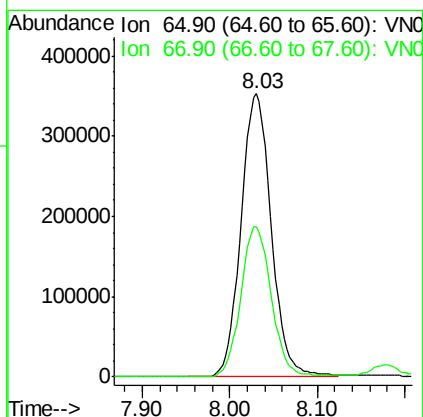
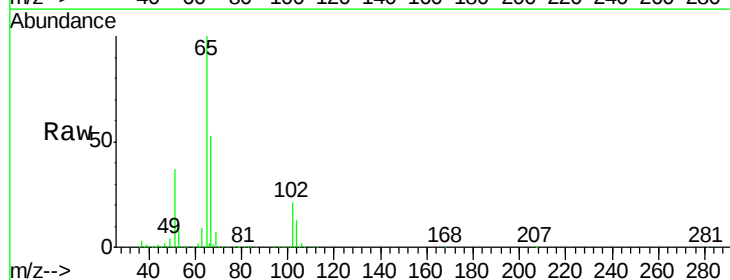
Instrument :
MSVOA_N
ClientSampleId :

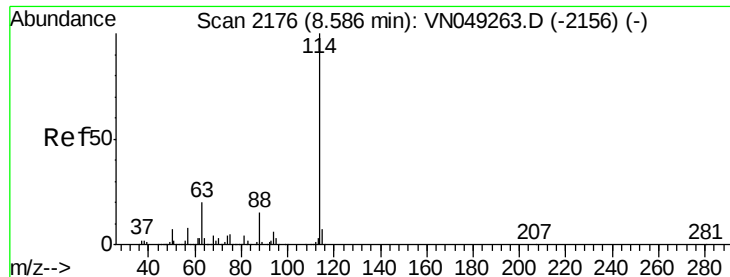
Tot Ion	56	Ratio	Lower	Upper
293690	100			
69	43.3	25.0	37.4#	
84	93.8	64.6	96.8	



#33
1,2-Dichloroethane-d4
Concen: 45.36 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049379.D
Acq: 19 Jun 2018 7:32

Tgt Ion	65	Ratio	Lower	Upper
846592	100			
67	53.5	0.0	103.8	

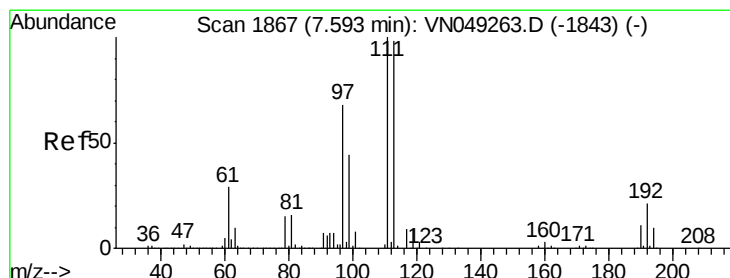
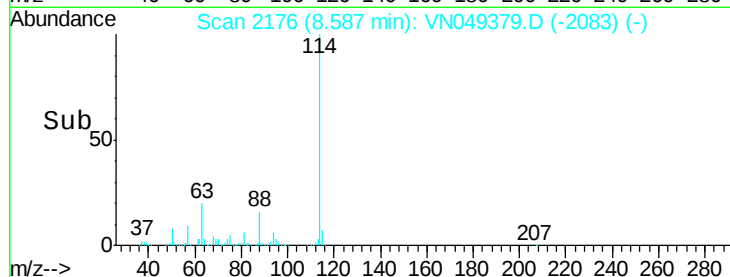
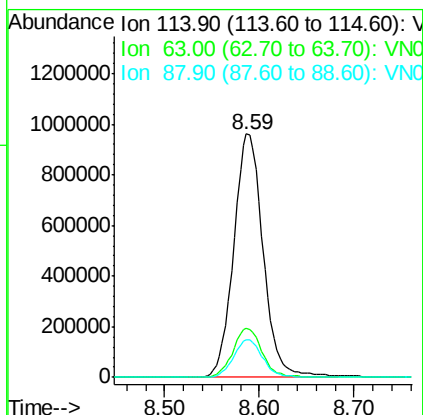
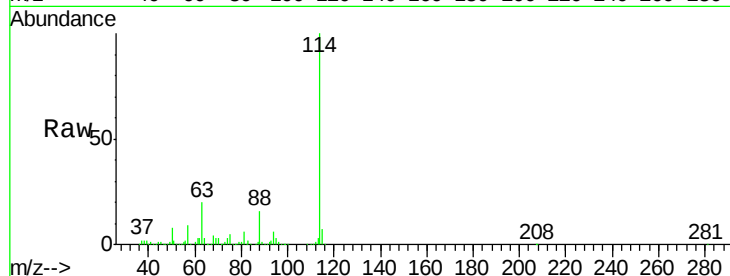




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049379.D
 Acq: 19 Jun 2018 7:32

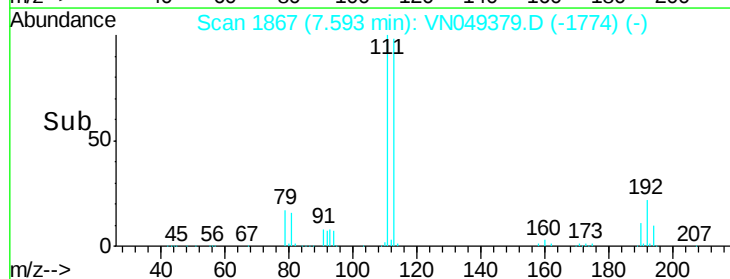
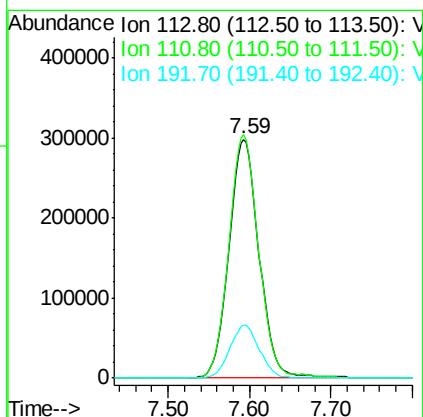
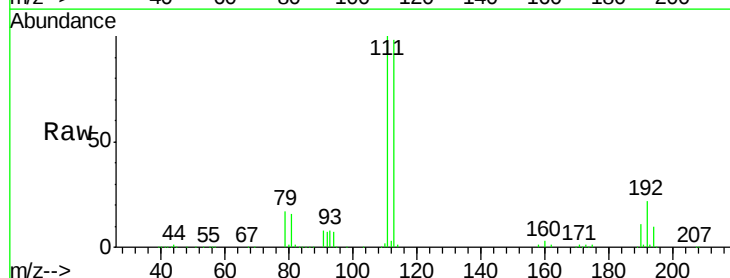
Instrument :
 MSVOA_N
 ClientSampleId :

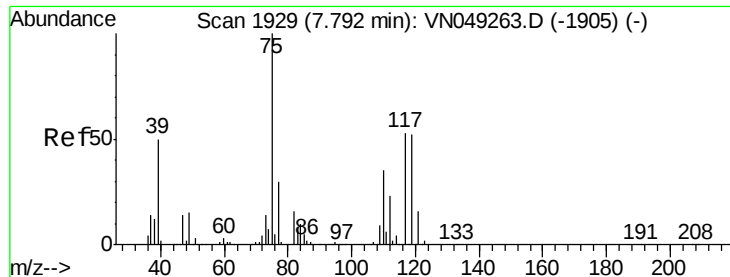
Tot Ion:114 Resp: 2078153
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 44.4
 88 15.6 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 45.68 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049379.D
 Acq: 19 Jun 2018 7:32

Tgt Ion:113 Resp: 768046
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.4 123.6
 192 22.0 15.0 22.6





#36

1,1-Dichloropropene

Concen: 4.18 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.13 min

Lab File: VN049379.D

Acq: 19 Jun 2018 7:32

Instrument :

MSVOA_N

ClientSampleId :

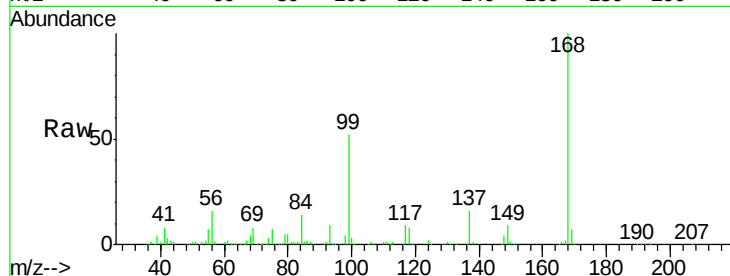
Tot Ion: 75 Resp: 99626

Ion Ratio Lower Upper

75 100

110 9.4 17.0 50.9#

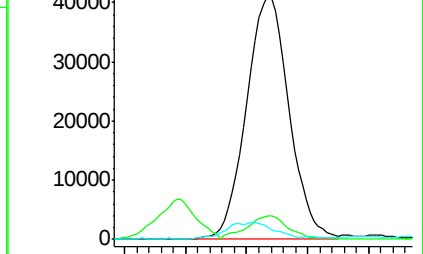
77 0.0 24.4 36.6#



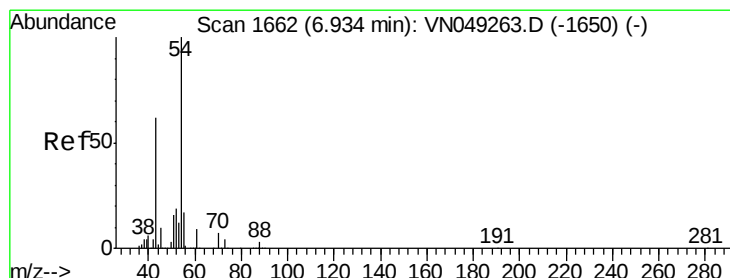
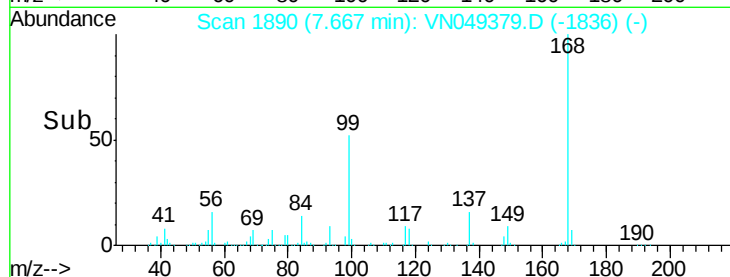
Abundance Ion 74.90 (74.60 to 75.60): VN049379.D (-1836) (-)

Ion 109.90 (109.60 to 110.60): VN049379.D (-1836) (-)

Ion 76.90 (76.60 to 77.60): VN049379.D (-1836) (-)



Time-->



#37

Ethyl Acetate

Concen: 4.18 ug/l

RT: 6.85 min Scan# 1635

Delta R.T. -0.09 min

Lab File: VN049379.D

Acq: 19 Jun 2018 7:32

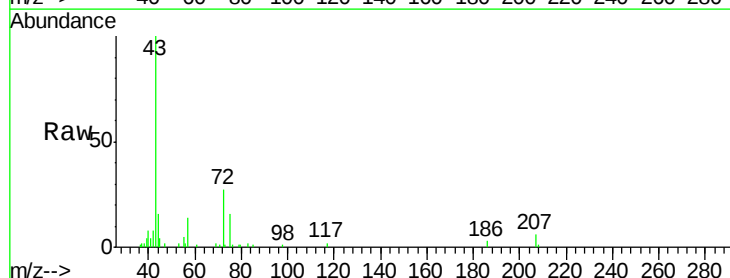
Tgt Ion: 43 Resp: 54059

Ion Ratio Lower Upper

43 100

61 0.1 11.0 16.4#

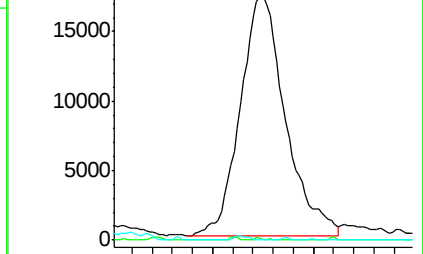
70 0.0 7.2 10.8#



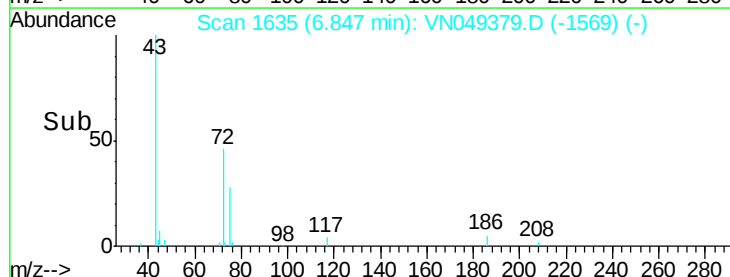
Abundance Ion 43.00 (42.70 to 43.70): VN049379.D (-1569) (-)

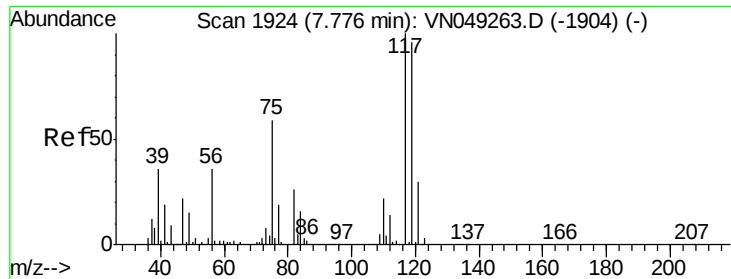
Ion 60.90 (60.60 to 61.60): VN049379.D (-1569) (-)

Ion 70.00 (69.70 to 70.70): VN049379.D (-1569) (-)



Time-->

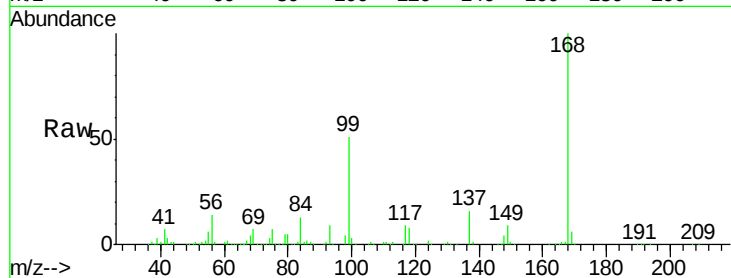




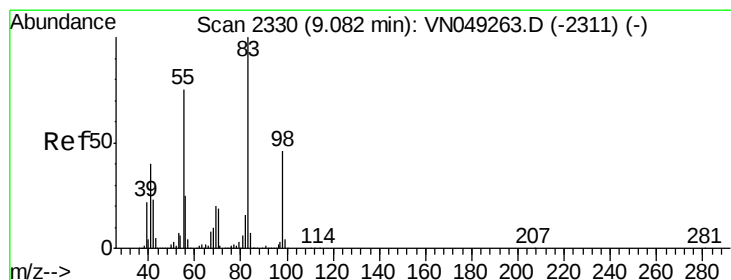
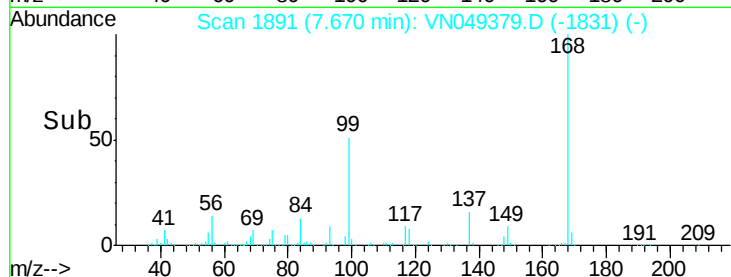
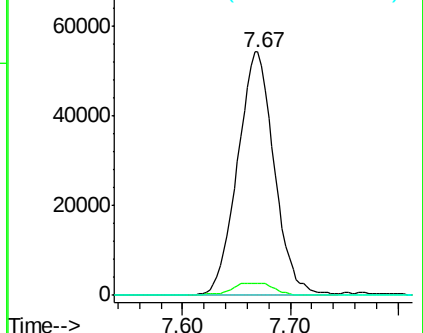
#38
Carbon Tetrachloride
Concen: 5.22 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.11 min
Lab File: VN049379.D
Acq: 19 Jun 2018 7:32

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 128817
Ion Ratio Lower Upper
117 100
119 5.0 75.6 113.4#
121 0.0 24.7 37.1#

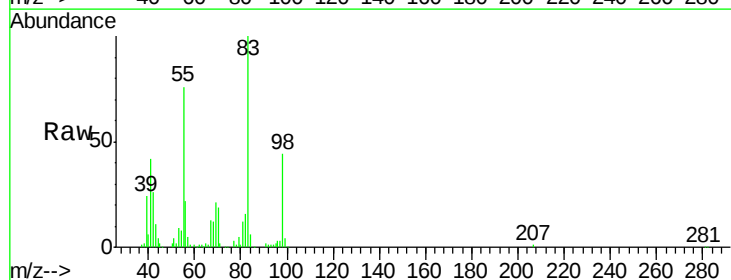


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

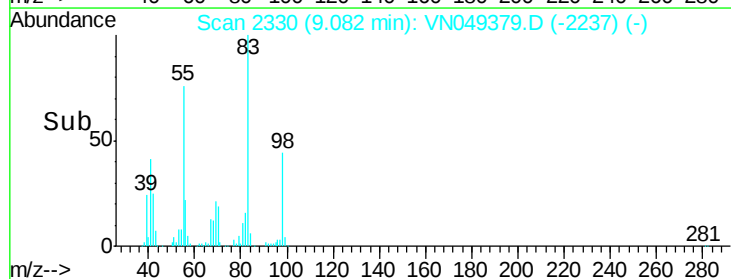
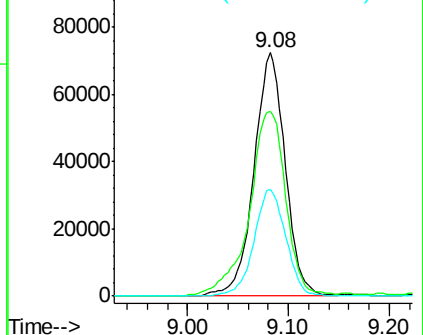


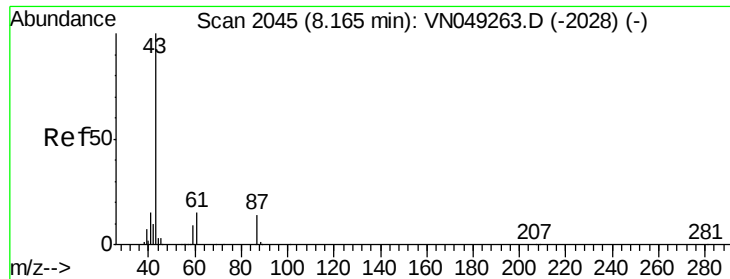
#39
Methylcyclohexane
Concen: 6.07 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049379.D
Acq: 19 Jun 2018 7:32

Tgt Ion: 83 Resp: 155293
Ion Ratio Lower Upper
83 100
55 75.2 65.1 97.7
98 43.7 36.5 54.7



Abundance Ion 83.00 (82.70 to 83.70): V
Ion 55.00 (54.70 to 55.70): V
Ion 98.00 (97.70 to 98.70): V



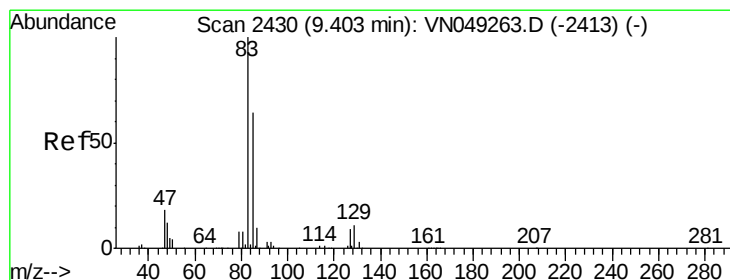
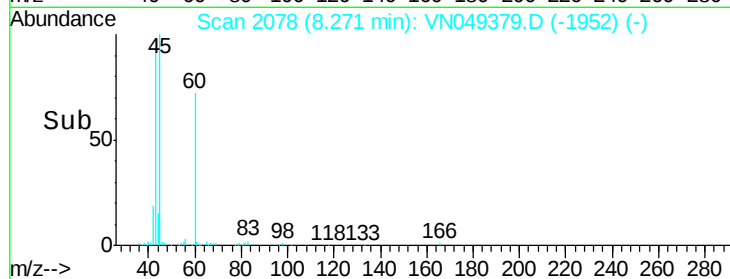
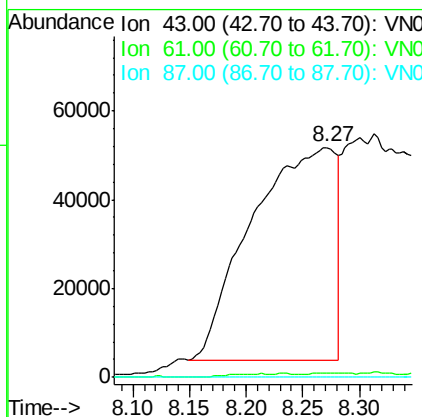
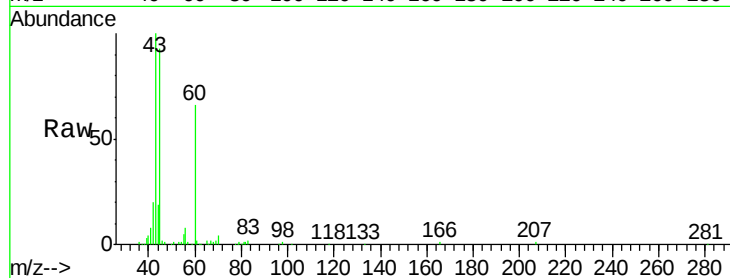


#43

Isopropyl Acetate
 Concen: 10.04 ug/l
 RT: 8.27 min Scan# 2078
 Delta R.T. 0.11 min
 Lab File: VN049379.D
 Acq: 19 Jun 2018 7:32

Instrument :
 MSVOA_N
 ClientSampleId :

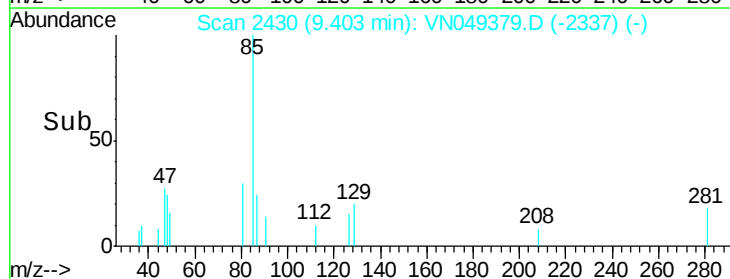
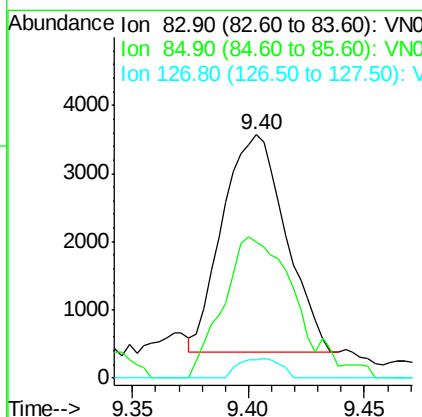
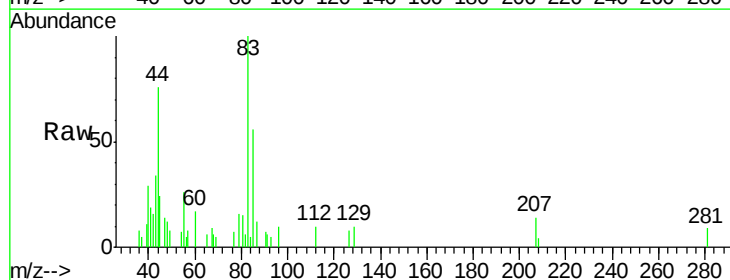
Tot Ion	43	Resp	248280
Ion Ratio	100		
Lower	14.2		
Upper	21.4		
61	0.5		
87	0.0		
	9.4		

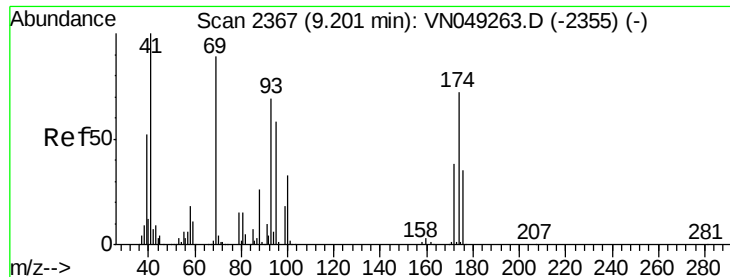


#47

Bromodichloromethane
 Concen: 0.25 ug/l
 RT: 9.40 min Scan# 2430
 Delta R.T. 0.00 min
 Lab File: VN049379.D
 Acq: 19 Jun 2018 7:32

Tgt Ion	83	Resp	6057
Ion Ratio	100		
Lower	49.4		
Upper	74.0		
85	62.2		
127	8.7		
	6.3		





#48

Methvl methacrylate

Concen: 0.25 ug/l

RT: 9.23 min Scan# 2375

Delta R.T. 0.03 min

Lab File: VN049379.D

Acq: 19 Jun 2018 7:32

Instrument :
MSVOA_N
ClientSampled :

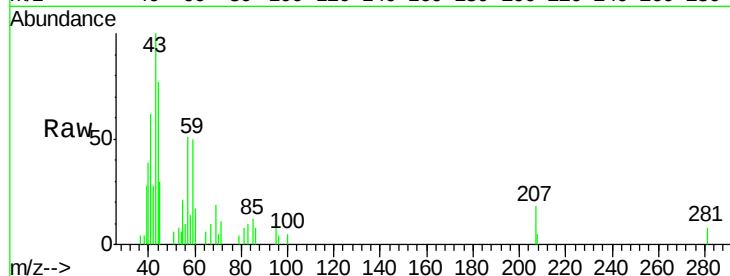
Tot Ion: 41 Resp: 2880

Ion Ratio Lower Upper

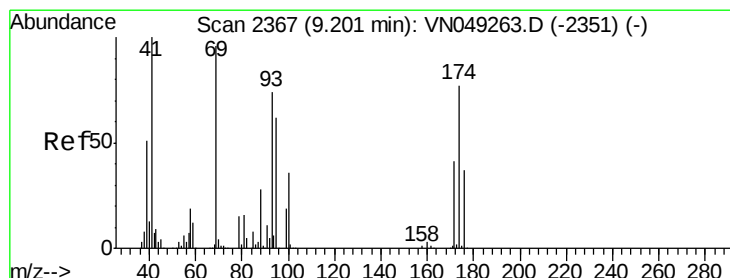
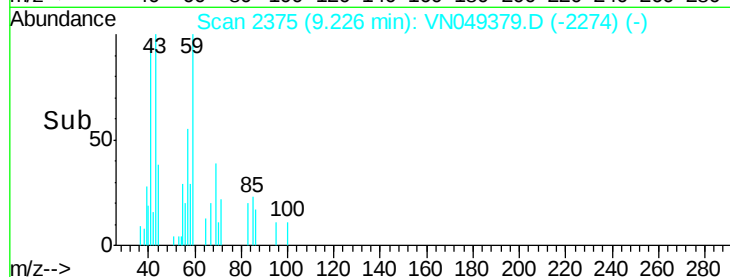
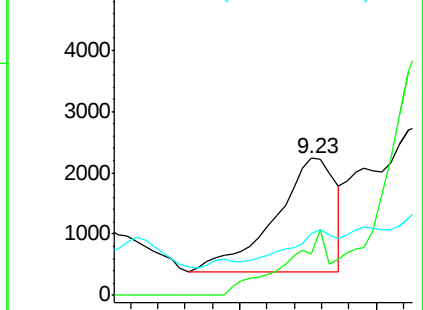
41 100

69 43.4 62.0 93.0#

39 0.0 50.6 75.8#



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0



#49

1,4-Dioxane

Concen: 0.40 ug/l

RT: 9.21 min Scan# 2369

Delta R.T. 0.01 min

Lab File: VN049379.D

Acq: 19 Jun 2018 7:32

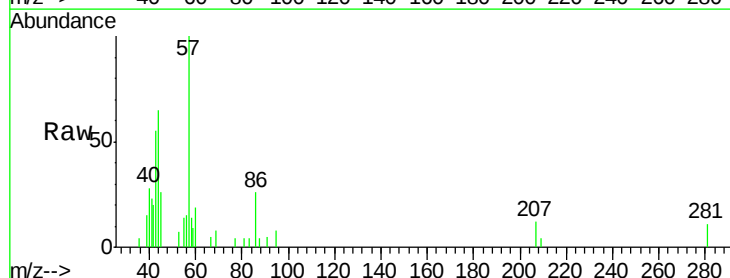
Tgt Ion: 88 Resp: 65

Ion Ratio Lower Upper

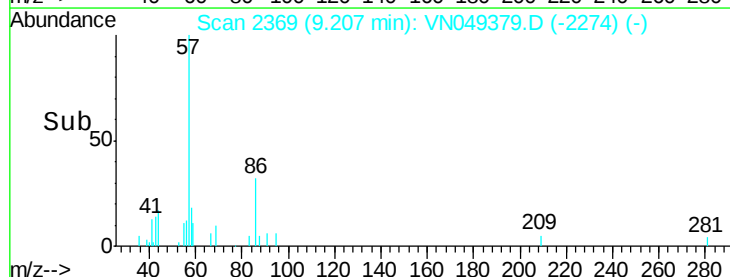
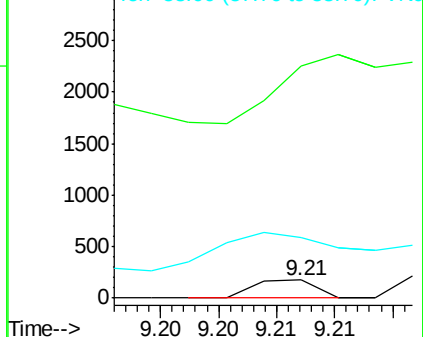
88 100

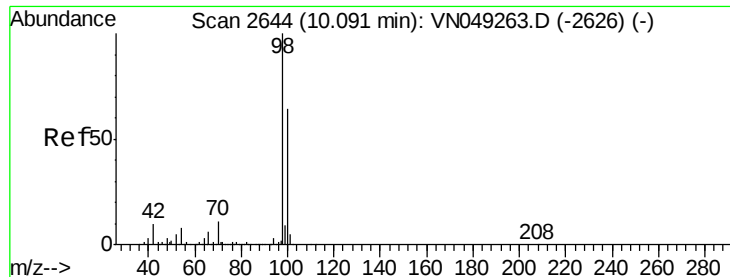
43 0.0 30.9 46.3#

58 1221.5 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: 45.39 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049379.D

Acq: 19 Jun 2018 7:32

Instrument :

MSVOA_N

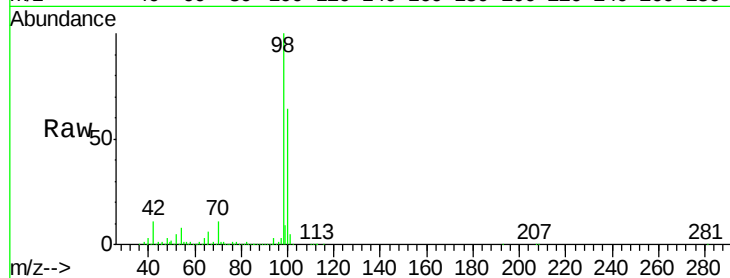
ClientSampleId :

Tot Ion: 98 Resp: 2906001

Ion Ratio Lower Upper

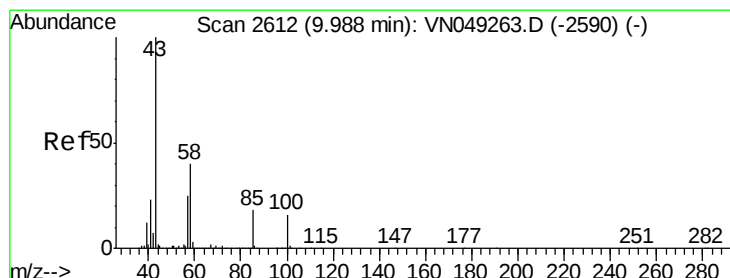
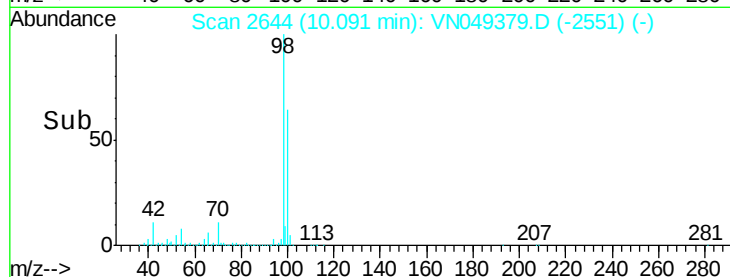
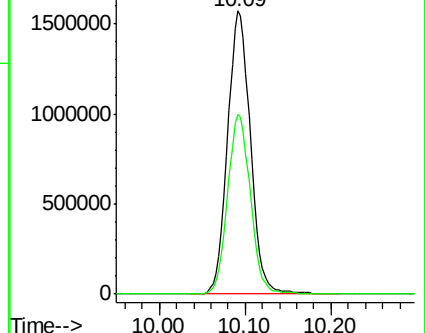
98 100

100 63.7 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) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.54 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. -0.00 min

Lab File: VN049379.D

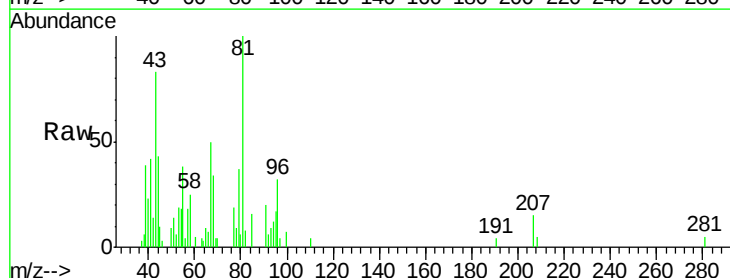
Acq: 19 Jun 2018 7:32

Tgt Ion: 43 Resp: 6956

Ion Ratio Lower Upper

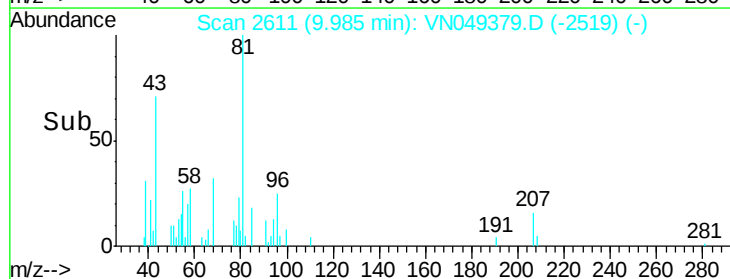
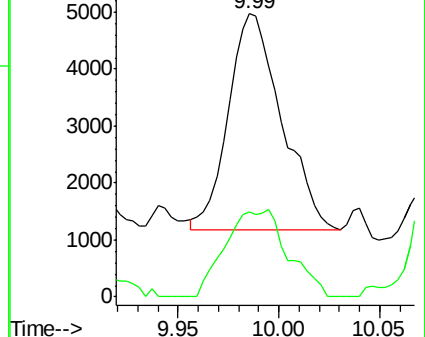
43 100

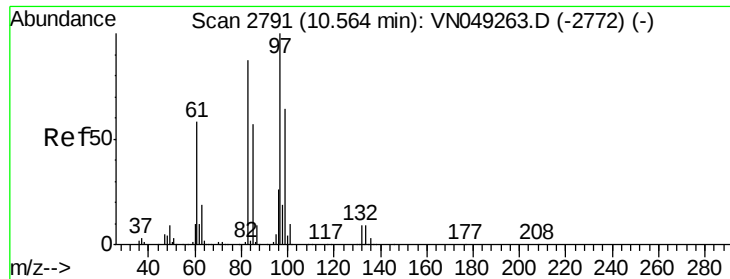
58 47.4 29.0 43.6#



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

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

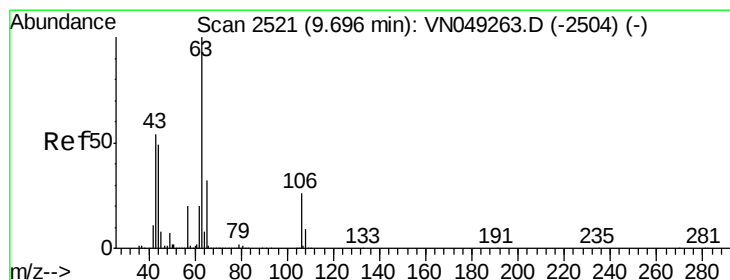
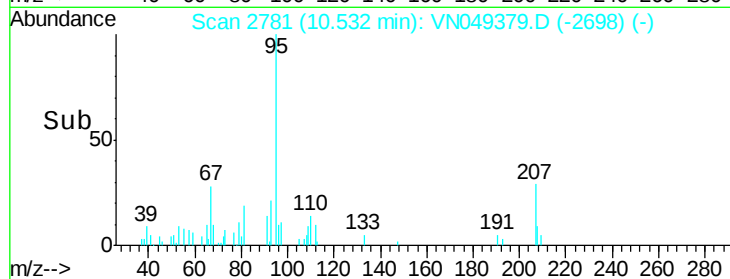
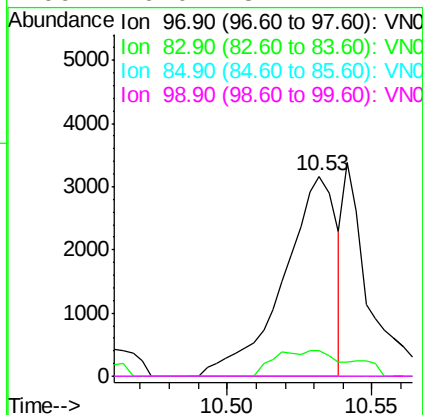
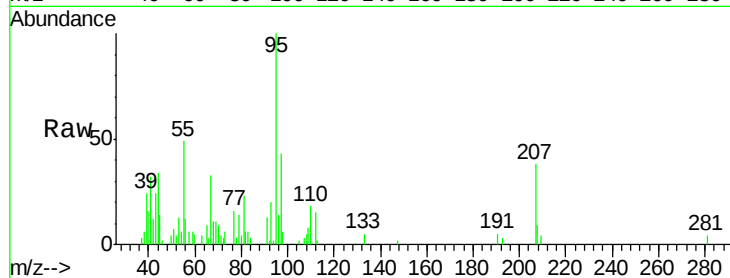




#55
 1,1,2-Trichloroethane
 Concen: 0.25 ug/l
 RT: 10.53 min Scan# 2781
 Delta R.T. -0.03 min
 Lab File: VN049379.D
 Acq: 19 Jun 2018 7:32

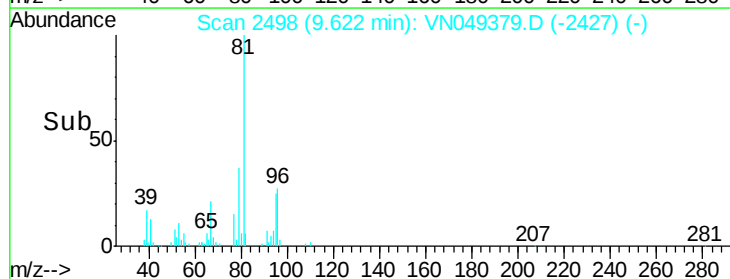
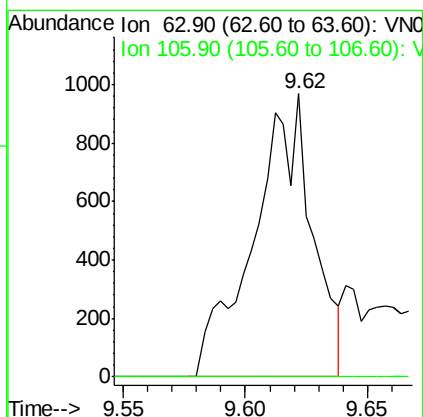
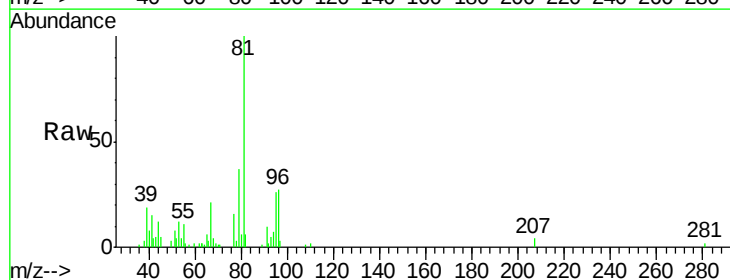
Instrument :
 MSVOA_N
 ClientSampleId :

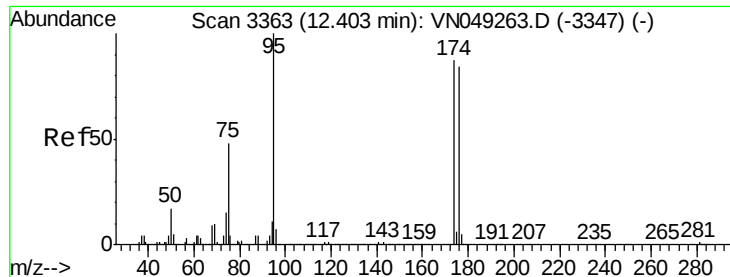
Tot Ion: 97 Resp: 4013
 Ion Ratio Lower Upper
 97 100
 83 13.0 71.5 107.3#
 85 0.0 47.0 70.4#
 99 0.0 51.4 77.2#



#58
 2-Chloroethyl Vinyl ether
 Concen: 14.56 ug/l
 RT: 9.62 min Scan# 2498
 Delta R.T. -0.07 min
 Lab File: VN049379.D
 Acq: 19 Jun 2018 7:32

Tgt Ion: 63 Resp: 1621
 Ion Ratio Lower Upper
 63 100
 106 0.0 19.4 29.2#





#62

4-Bromofluorobenzene

Concen: 36.41 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049379.D

Acq: 19 Jun 2018 7:32

Instrument :

MSVOA_N

ClientSampleId :

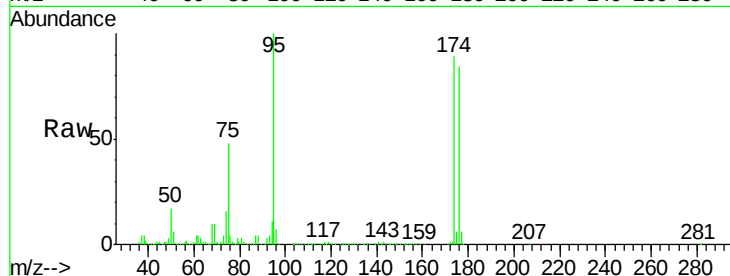
Tot Ion: 95 Resp: 770829

Ion Ratio Lower Upper

95 100

174 89.1 0.0 165.6

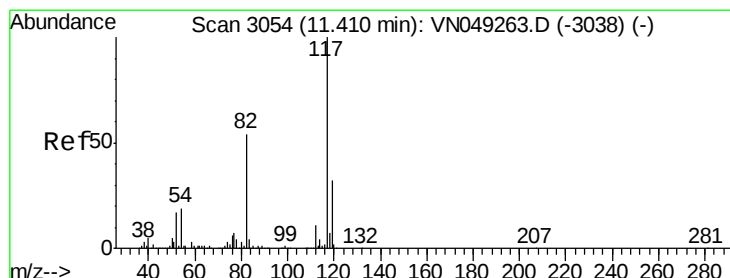
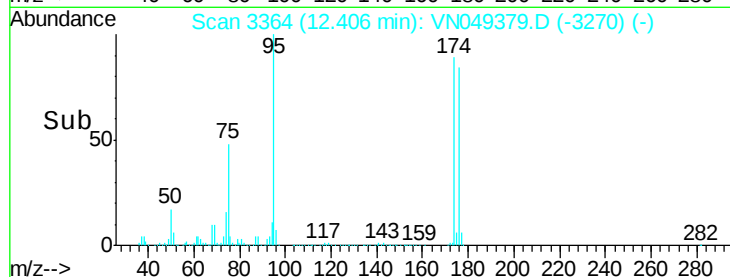
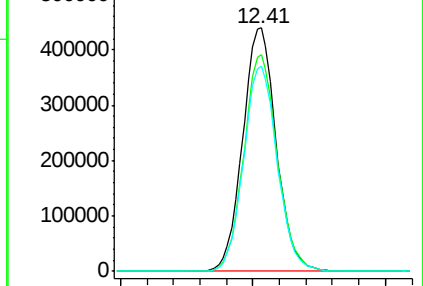
176 84.7 0.0 157.4



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: VN049379.D

Acq: 19 Jun 2018 7:32

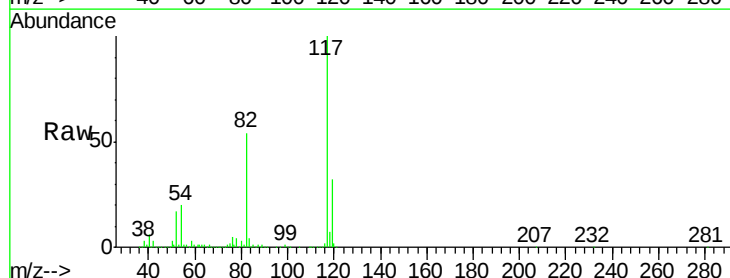
Tgt Ion: 117 Resp: 1738746

Ion Ratio Lower Upper

117 100

82 53.6 45.9 68.9

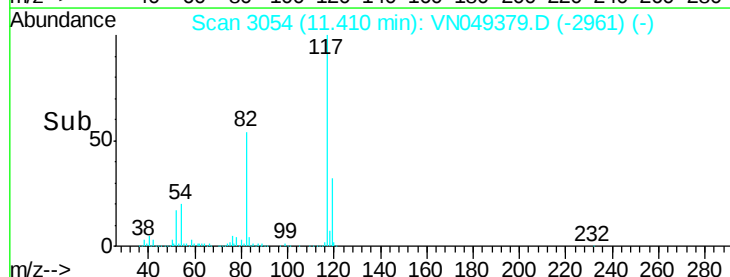
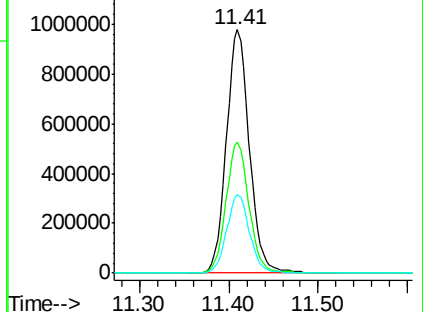
119 32.2 25.5 38.3

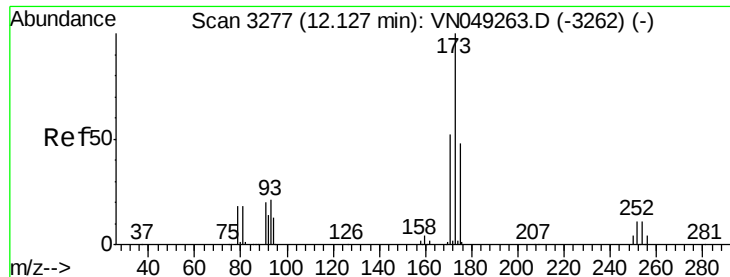


Abundance Ion 116.90 (116.60 to 117.60): VN049263.D (-3038) (-)

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

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

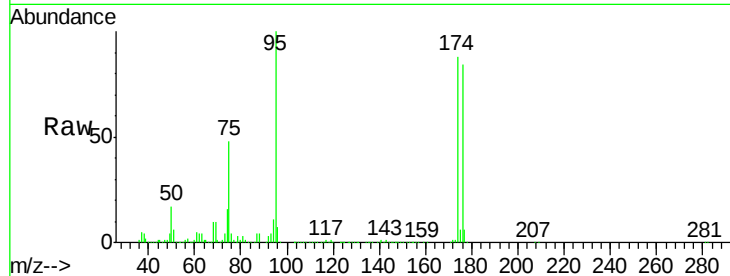




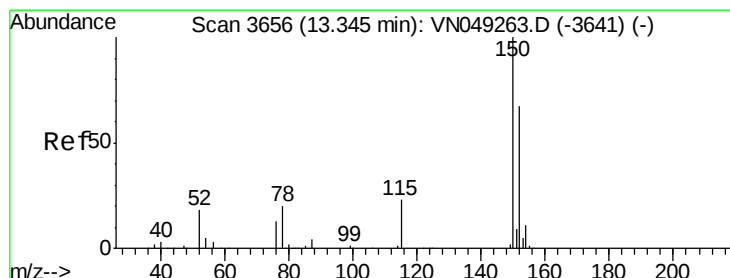
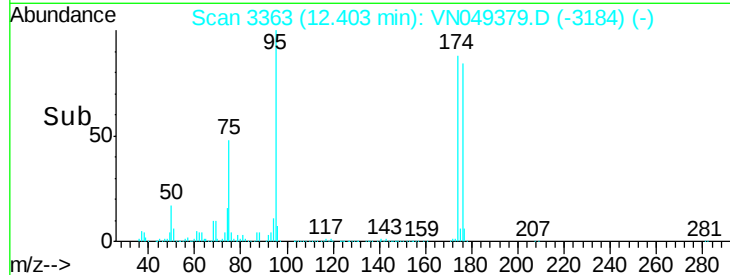
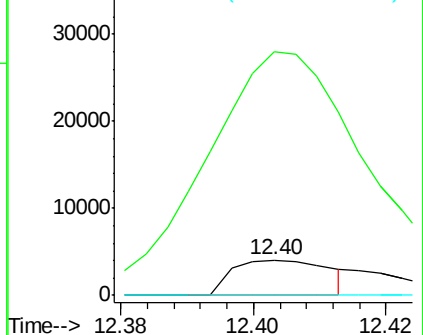
#71
Bromoform
Concen: 0.38 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.28 min
Lab File: VN049379.D
Acq: 19 Jun 2018 7:32

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:173 Resp: 4096
Ion Ratio Lower Upper
173 100
175 920.7 24.5 73.5#
254 0.0 0.1 0.1#

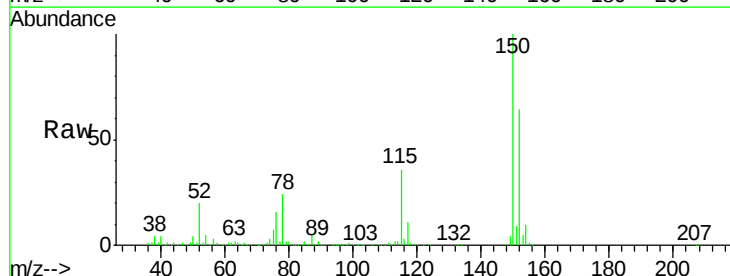


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

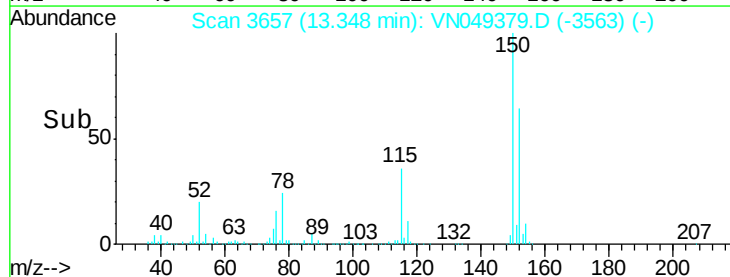
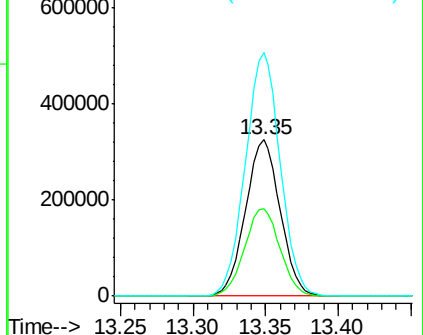


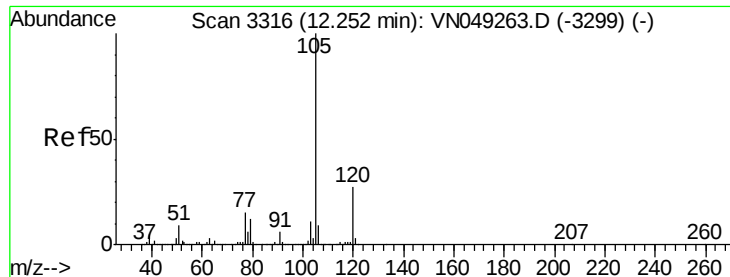
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3657
Delta R.T. 0.00 min
Lab File: VN049379.D
Acq: 19 Jun 2018 7:32

Tgt Ion:152 Resp: 541494
Ion Ratio Lower Upper
152 100
115 57.5 28.7 86.1
150 156.8 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





#73

Isopropylbenzene

Concen: 0.35 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049379.D

Acq: 19 Jun 2018 7:32

Instrument :

MSVOA_N

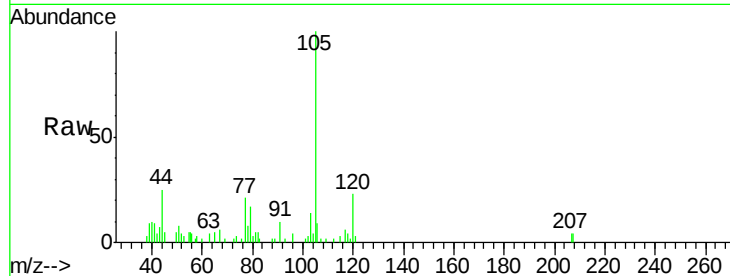
ClientSampleId :

Tot Ion:105 Resp: 16599

Ion Ratio Lower Upper

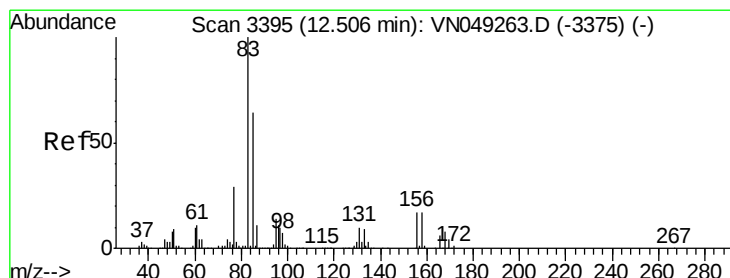
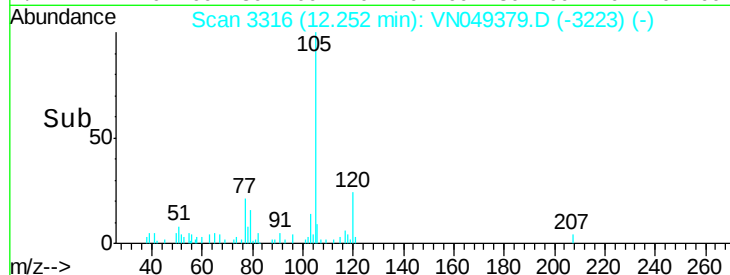
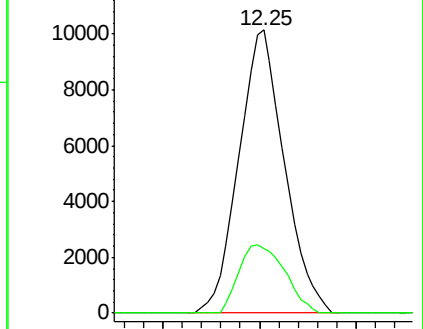
105 100

120 24.4 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.52 min Scan# 3398

Delta R.T. 0.01 min

Lab File: VN049379.D

Acq: 19 Jun 2018 7:32

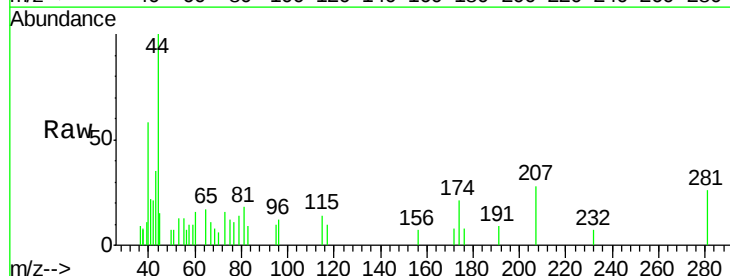
Tgt Ion: 83 Resp: 147

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

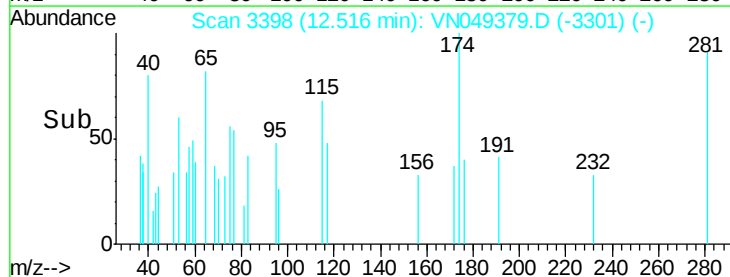
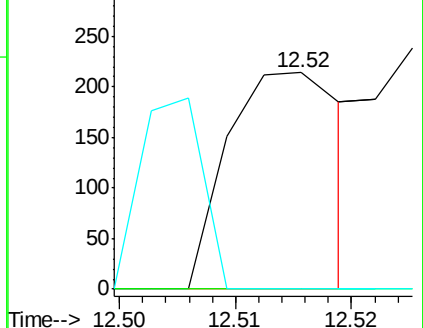
85 48.3 32.0 96.0

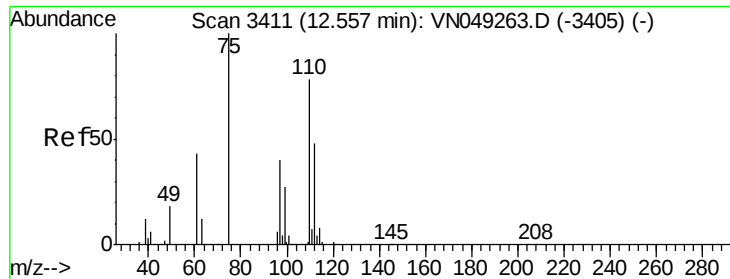


Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VNO





#76

1,2,3-Trichloropropane

Concen: 40.16 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. -0.15 min

Lab File: VN049379.D

Acq: 19 Jun 2018 7:32

Instrument :

MSVOA_N

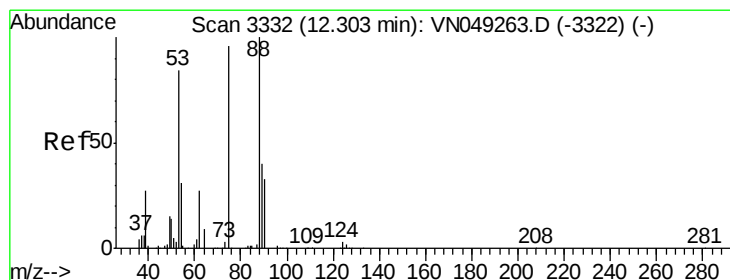
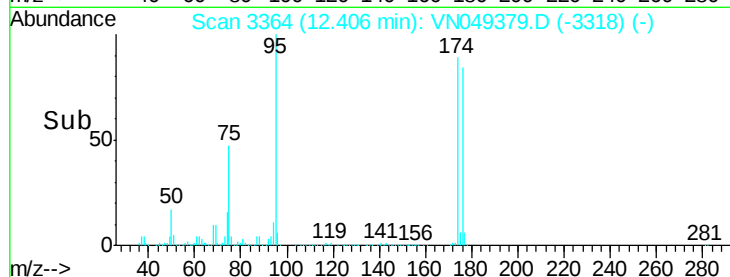
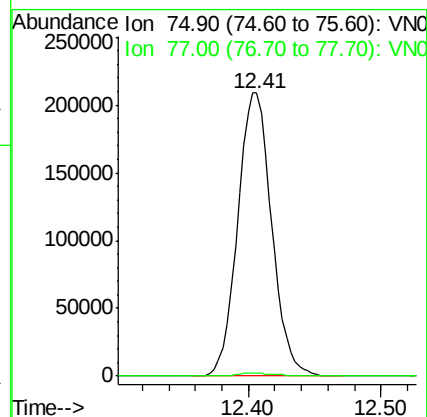
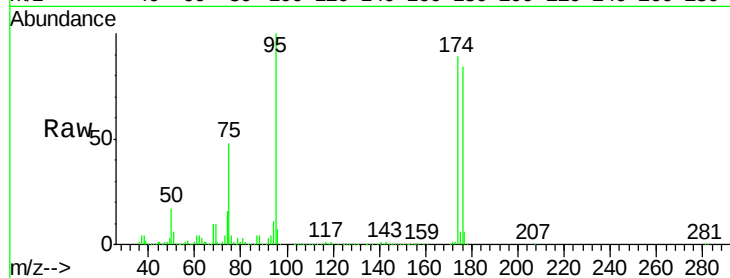
ClientSampleId :

Tot Ion: 75 Resp: 371078

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 126.94 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.10 min

Lab File: VN049379.D

Acq: 19 Jun 2018 7:32

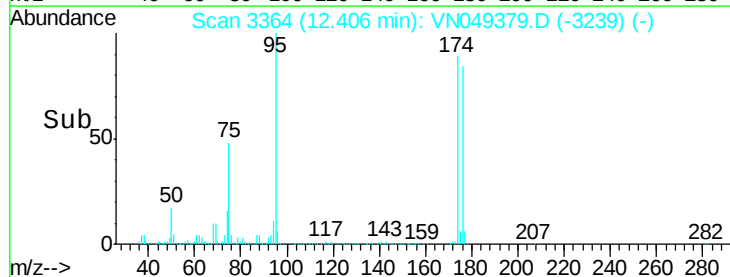
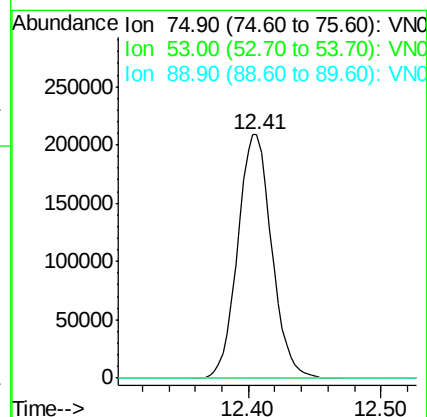
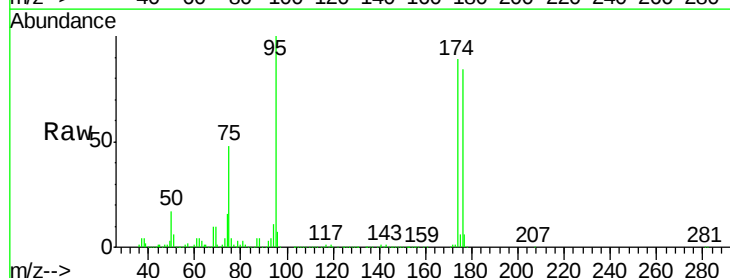
Tgt Ion: 75 Resp: 371078

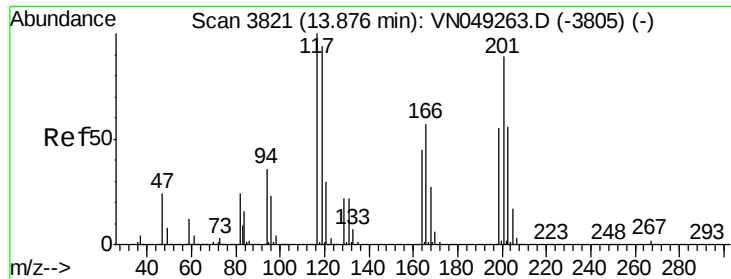
Ion Ratio Lower Upper

75 100

53 0.2 82.7 124.1#

89 0.0 36.5 54.7#





#90

Hexachloroethane

Concen: Below Cal

RT: 13.76 min Scan# 3784

Delta R.T. -0.12 min

Lab File: VN049379.D

Acq: 19 Jun 2018 7:32

Instrument :

MSVOA_N

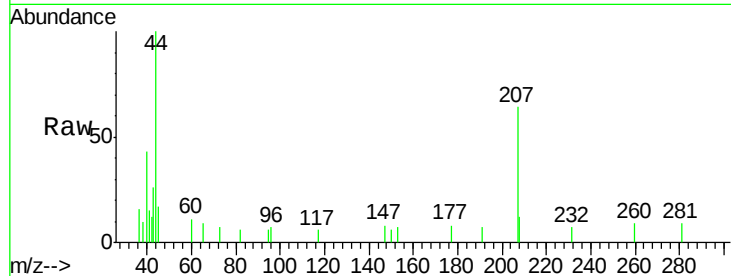
ClientSampleId :

Tot Ion:117 Resp: 30

Ion Ratio Lower Upper

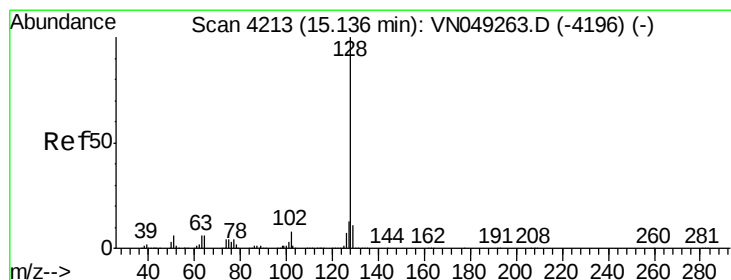
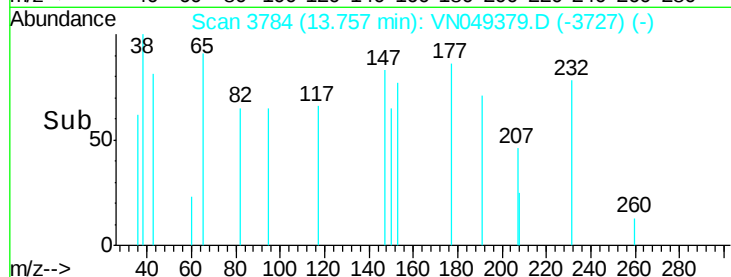
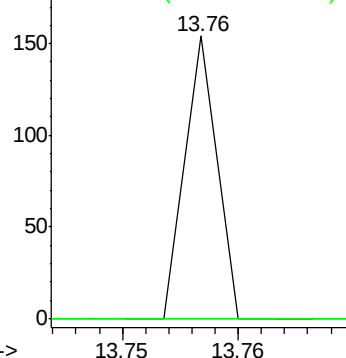
117 100

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



#95

Naphthalene

Concen: 2.21 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049379.D

Acq: 19 Jun 2018 7:32

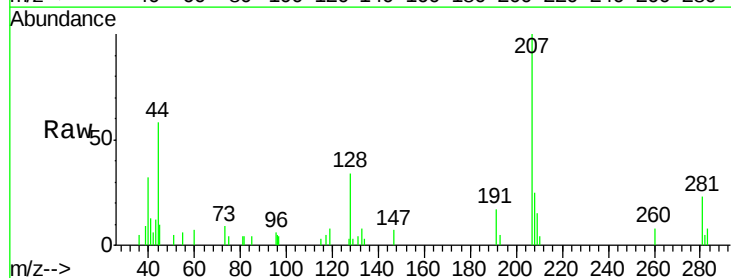
Tgt Ion:128 Resp: 1954

Ion Ratio Lower Upper

128 100

127 4.7 10.6 16.0#

129 3.1 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

