

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049297.D
 Acq On : 16 Jun 2018 8:35
 Operator : MD\SY
 Sample : J3464-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 18 01:14:03 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	1247334	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1992573	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1597058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	420192	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	811373	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	
35) Dibromofluoromethane	7.59	113	728736	45.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.40%	
50) Toluene-d8	10.09	98	2743953	44.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.40%	
62) 4-Bromofluorobenzene	12.40	95	633496	31.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	62.42%	

Target Compounds

						Qvalue
3) Chloromethane	2.06	50	4059	0.22	ug/l	95
5) Bromomethane	2.57	94	3240	0.31	ug/l	88
8) Diethyl Ether	3.41	74	8274	0.96	ug/l	96
11) Tert butyl alcohol	4.75	59	2261	2.33	ug/l #	70
13) Acrolein	3.60	56	350	0.34	ug/l #	38
14) Allyl chloride	4.55	41	391171	17.32	ug/l #	20
16) Acetone	3.82	43	42240	10.52	ug/l	96
18) Methyl Acetate	4.33	43	113679	9.28	ug/l	95
20) Methylene Chloride	4.55	84	11262454	671.32	ug/l	92
25) 2-Butanone	6.86	43	9677	1.79	ug/l #	90
29) Tetrahydrofuran	7.21	42	902	0.26	ug/l #	76
30) Chloroform	7.37	83	15992	0.56	ug/l	88
31) Cyclohexane	7.67	56	23922	0.80	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	86814	3.80	ug/l #	51
38) Carbon Tetrachloride	7.67	117	112255	4.75	ug/l #	17
43) Isopropyl Acetate	8.21	43	359269	15.15	ug/l #	64
44) Trichloroethene	8.84	130	5270	0.29	ug/l	83
47) Bromodichloromethane	9.40	83	6453	0.28	ug/l	98
49) 1,4-Dioxane	9.21	88	210	1.36	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	4277	0.34	ug/l	90
58) 2-Chloroethyl Vinyl ether	9.82	63	108	14.34	ug/l #	51
60) Dibromochloromethane	10.63	129	181324	10.61	ug/l #	10
64) Tetrachloroethene	10.63	164	206556	12.62	ug/l	98
65) Chlorobenzene	11.44	112	15569	0.38	ug/l	94
74) N-amyl acetate	12.05	43	2779	0.31	ug/l #	46
75) 1,1,2,2-Tetrachloroethane	12.51	83	68	Below	Cal #	26
76) 1,2,3-Trichloropropane	12.40	75	303689	42.36	ug/l #	100
77) Bromobenzene	12.54	156	2346	0.24	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.40	75	303689	133.87	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.04	105	13094	0.45	ug/l	97
90) Hexachloroethane	13.89	117	301	Below	Cal #	9
93) 1,2,4-Trichlorobenzene	14.91	180	497	4.81	ug/l #	38
95) Naphthalene	15.14	128	157908	15.14	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	234	3.49	ug/l #	24

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

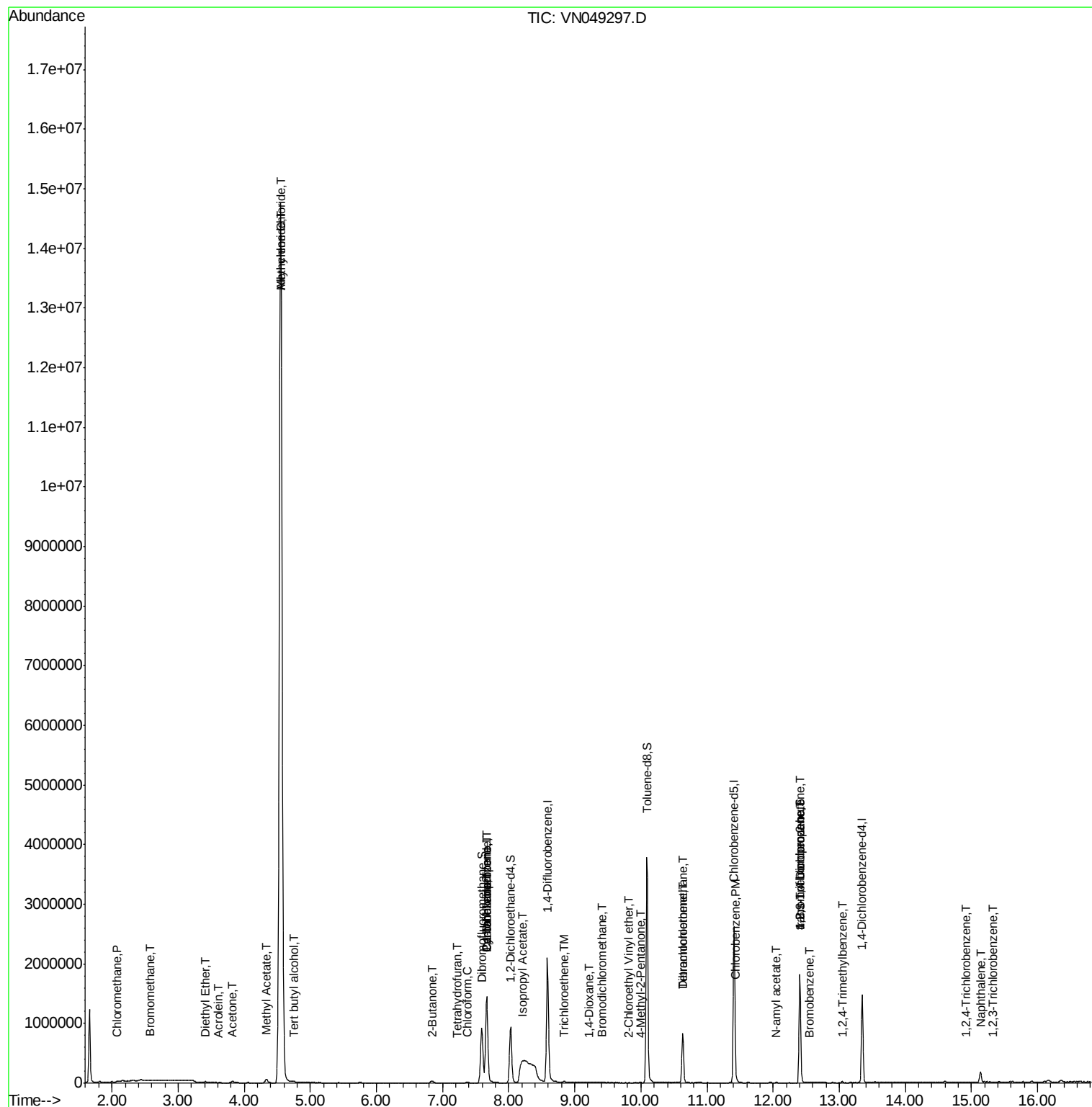
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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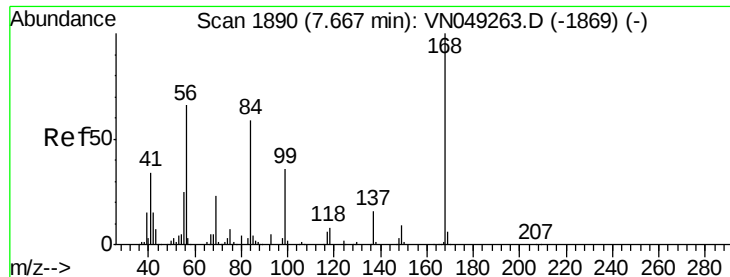
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN049297.D

Acq: 16 Jun 2018 8:35

Instrument :

MSVOA_N

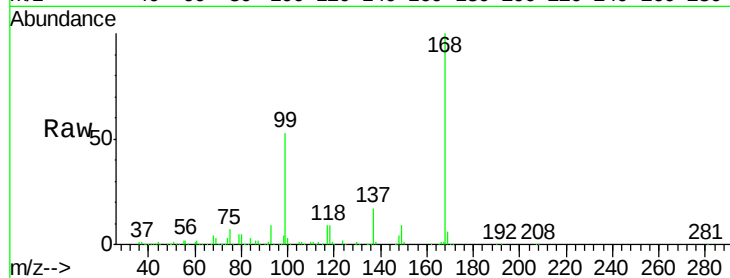
ClientSampled :

Tot Ion:168 Resp: 1247334

Ion Ratio Lower Upper

168 100

99 52.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

600000

500000

400000

300000

200000

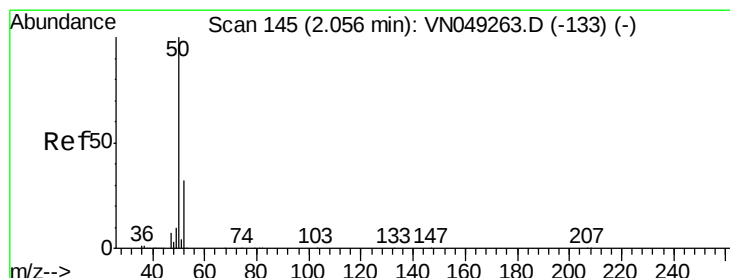
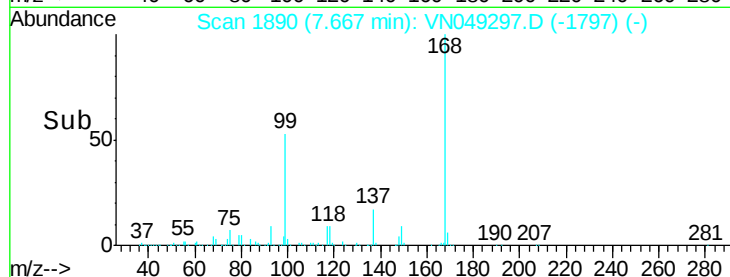
100000

0

7.67

7.60 7.70 7.80

Time-->



#3

Chloromethane

Concen: 0.22 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN049297.D

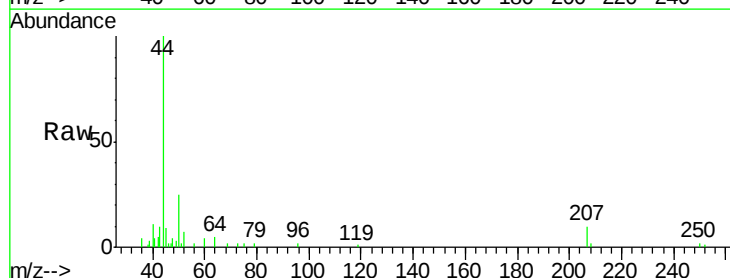
Acq: 16 Jun 2018 8:35

Tgt Ion: 50 Resp: 4059

Ion Ratio Lower Upper

50 100

52 28.9 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

3000

2500

2000

1500

1000

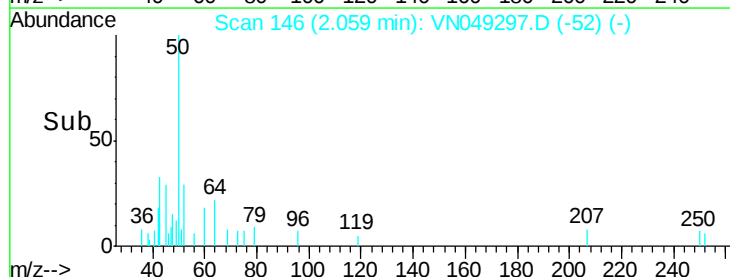
500

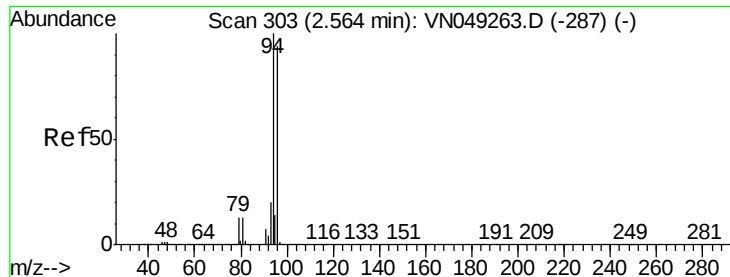
0

2.06

2.05 2.10

Time-->





#5

Bromomethane

Concen: 0.31 ug/l

RT: 2.57 min Scan# 306

Delta R.T. 0.01 min

Lab File: VN049297.D

Acq: 16 Jun 2018 8:35

Instrument :

MSVOA_N

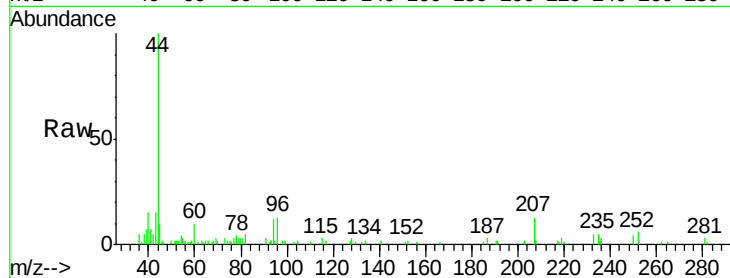
ClientSampled :

Tot Ion: 94 Resp: 3240

Ion Ratio Lower Upper

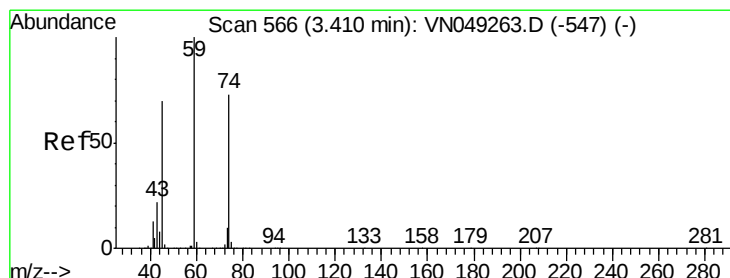
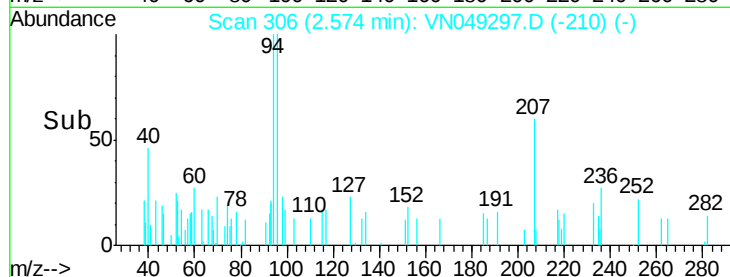
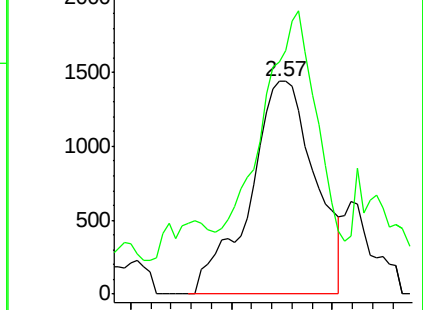
94 100

96 79.4 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VN049263.D (-287) (-)

Ion 95.90 (95.60 to 96.60): VN049263.D (-287) (-)



#8

Diethyl Ether

Concen: 0.96 ug/l

RT: 3.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VN049297.D

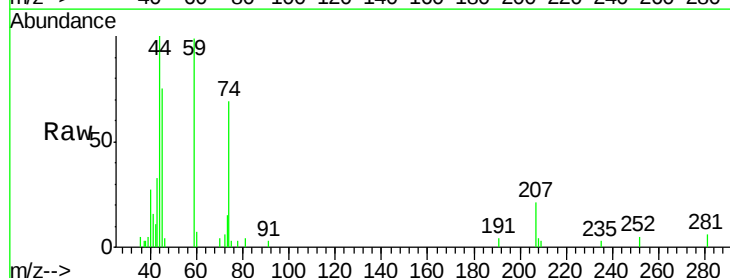
Acq: 16 Jun 2018 8:35

Tgt Ion: 74 Resp: 8274

Ion Ratio Lower Upper

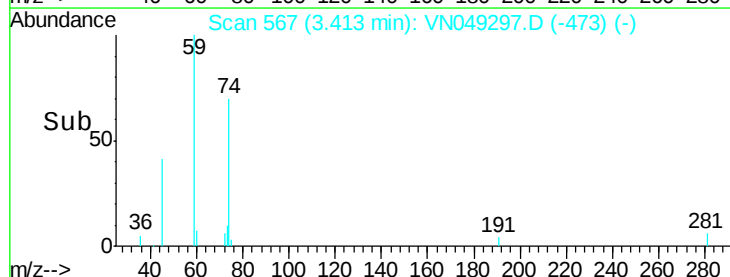
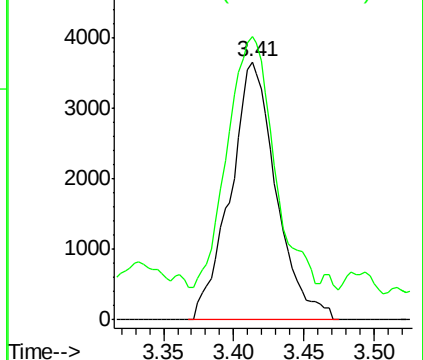
74 100

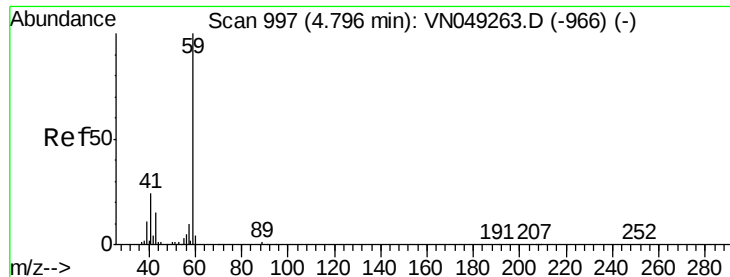
45 99.8 51.9 155.8



Abundance Ion 74.00 (73.70 to 74.70): VN049263.D (-547) (-)

Ion 45.00 (44.70 to 45.70): VN049263.D (-547) (-)



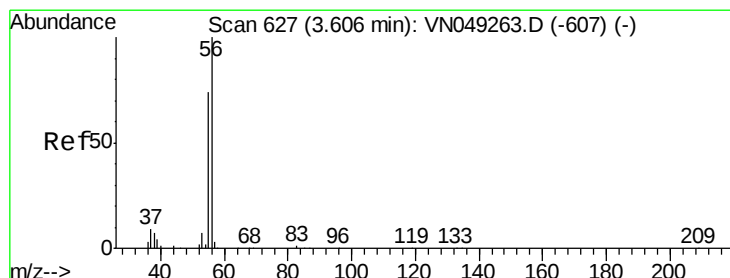
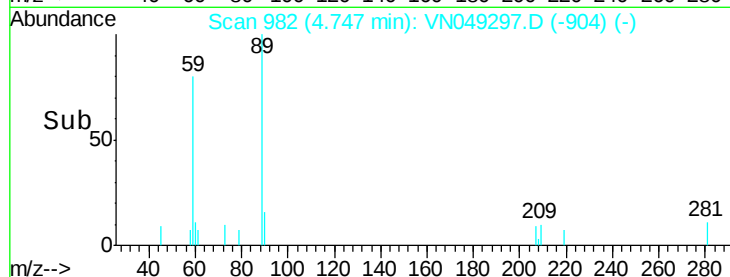
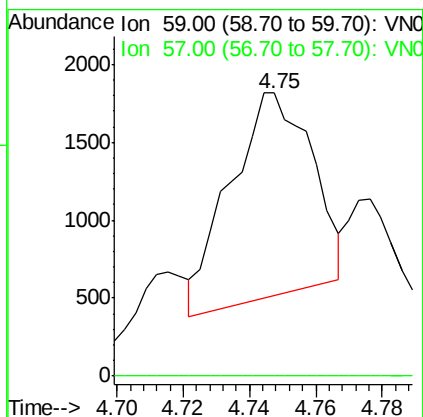
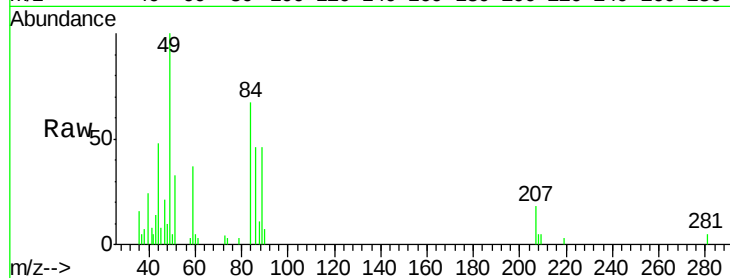


#11

Tert butyl alcohol
 Concen: 2.33 ug/l
 RT: 4.75 min Scan# 982
 Delta R.T. -0.05 min
 Lab File: VN049297.D
 Acq: 16 Jun 2018 8:35

Instrument :
 MSVOA_N
 ClientSampled :

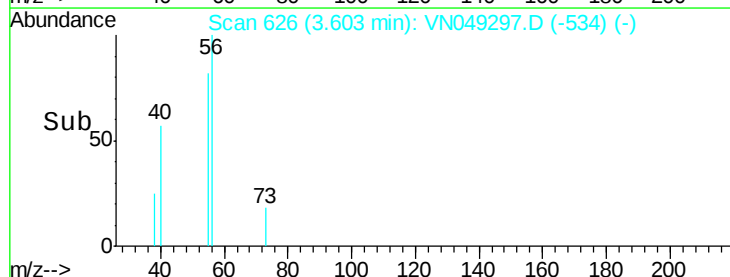
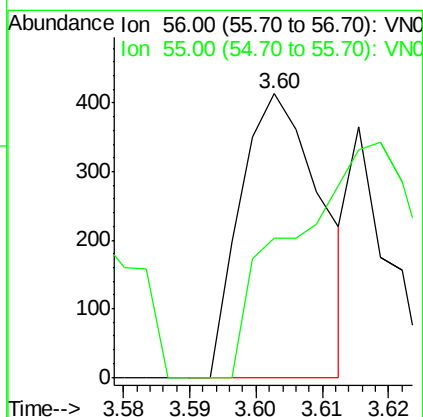
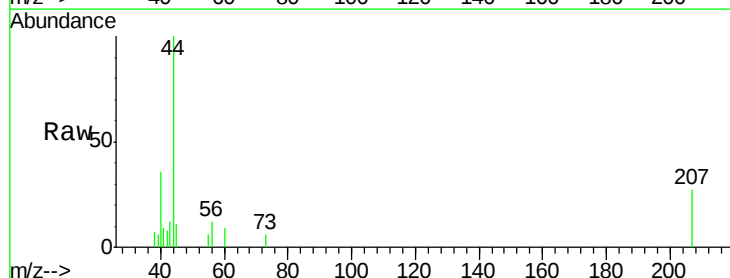
Tot Ion: 59 Resp: 2261
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.0 13.6#

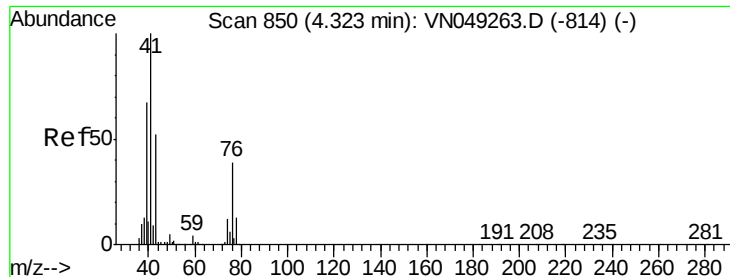


#13

Acrolein
 Concen: 0.34 ug/l
 RT: 3.60 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: VN049297.D
 Acq: 16 Jun 2018 8:35

Tgt Ion: 56 Resp: 350
 Ion Ratio Lower Upper
 56 100
 55 122.6 57.1 85.7#





#14

Allvl chloride

Concen: 17.32 ug/l

RT: 4.55 min Scan# 921

Delta R.T. 0.23 min

Lab File: VN049297.D

Acq: 16 Jun 2018 8:35

Instrument :

MSVOA_N

ClientSampleId :

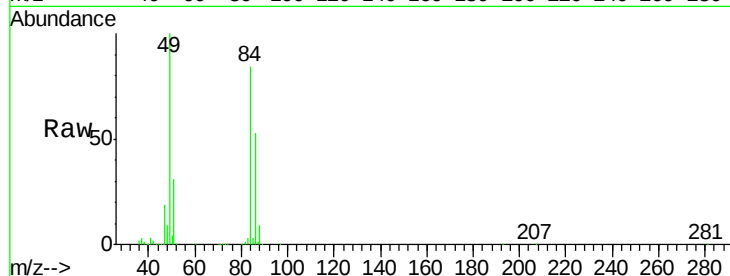
Tot Ion: 41 Resp: 391171

Ion Ratio Lower Upper

41 100

39 1.0 62.5 93.7#

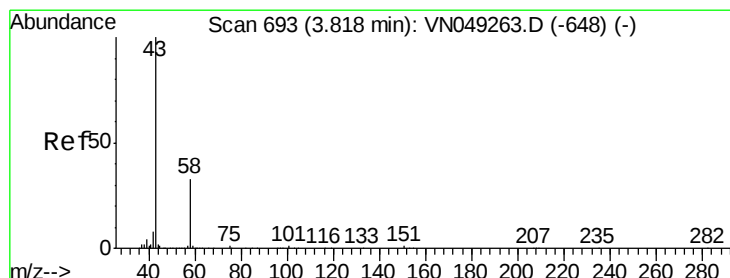
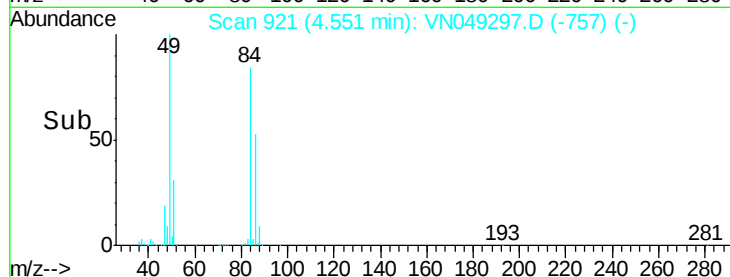
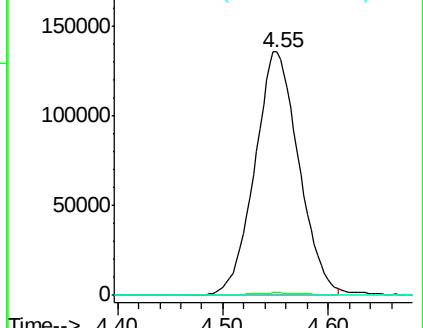
76 0.0 27.1 40.7#



Abundance Ion 41.00 (40.70 to 41.70): VN049297.D (-757) (-)

Ion 39.00 (38.70 to 39.70): VN049297.D (-757) (-)

Ion 75.90 (75.60 to 76.60): VN049297.D (-757) (-)



#16

Acetone

Concen: 10.52 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049297.D

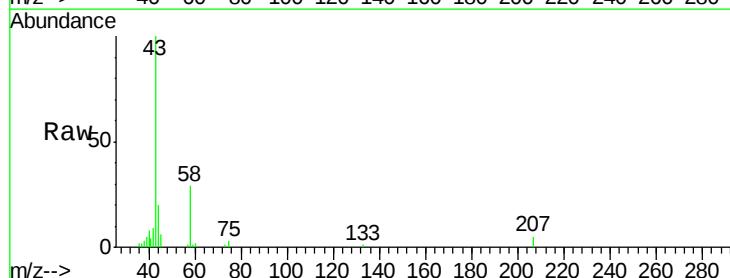
Acq: 16 Jun 2018 8:35

Tgt Ion: 43 Resp: 42240

Ion Ratio Lower Upper

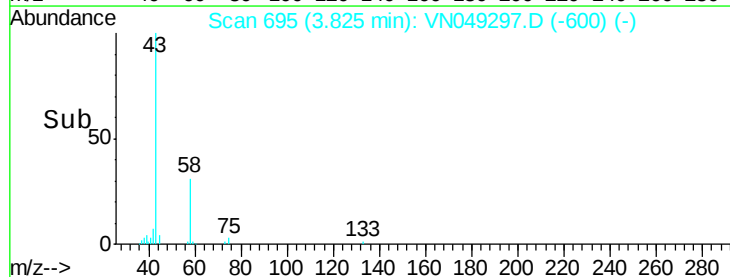
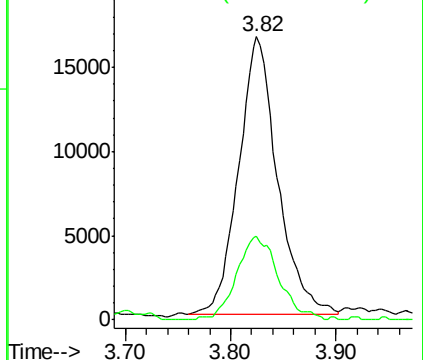
43 100

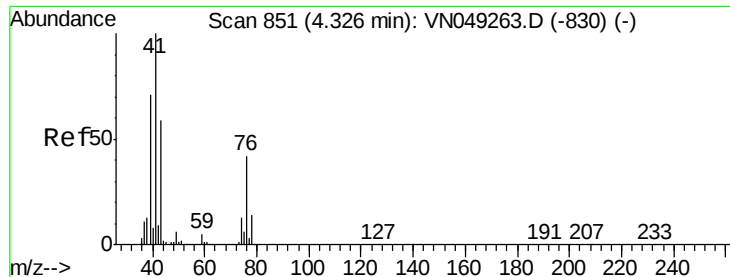
58 30.0 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN049297.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN049297.D (-600) (-)





#18

Methvl Acetate

Concen: 9.28 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN049297.D

Acq: 16 Jun 2018 8:35

Instrument :

MSVOA_N

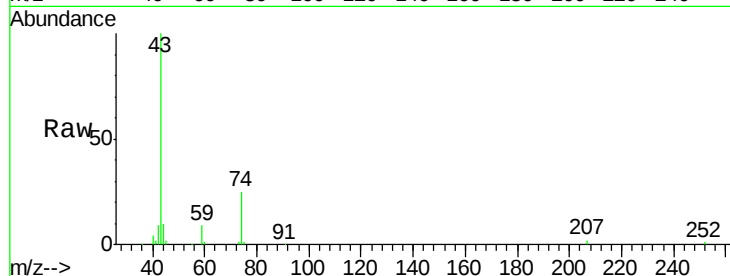
ClientSampleId :

Tot Ion: 43 Resp: 113679

Ion Ratio Lower Upper

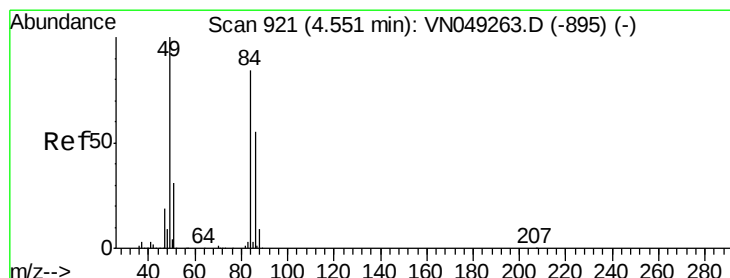
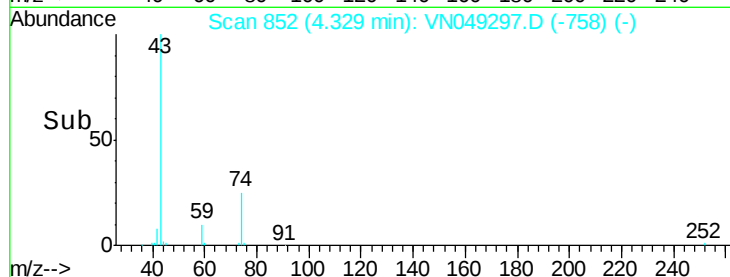
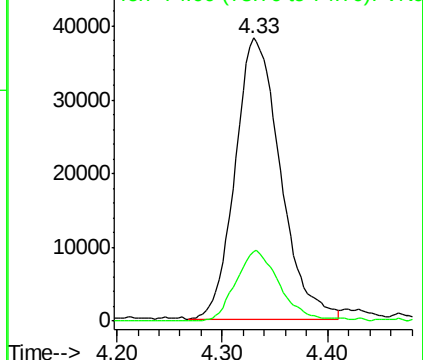
43 100

74 24.0 17.4 26.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



#20

Methylene Chloride

Concen: 671.32 ug/l

RT: 4.55 min Scan# 921

Delta R.T. -0.00 min

Lab File: VN049297.D

Acq: 16 Jun 2018 8:35

Tgt Ion: 84 Resp: 11262454

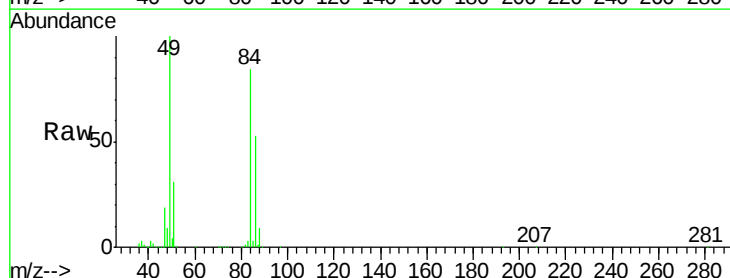
Ion Ratio Lower Upper

84 100

49 119.6 106.9 160.3

51 36.8 32.7 49.1

86 64.0 49.8 74.8

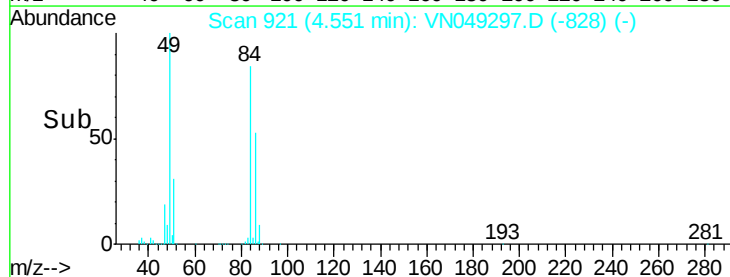
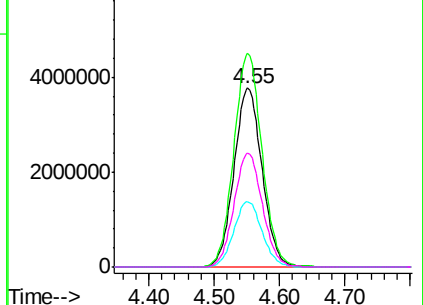


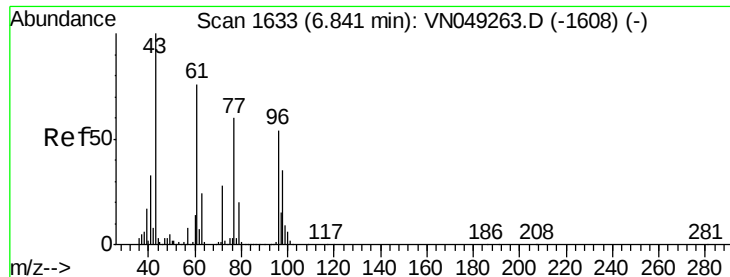
Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0

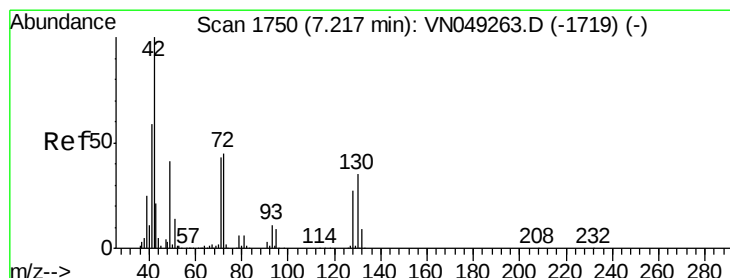
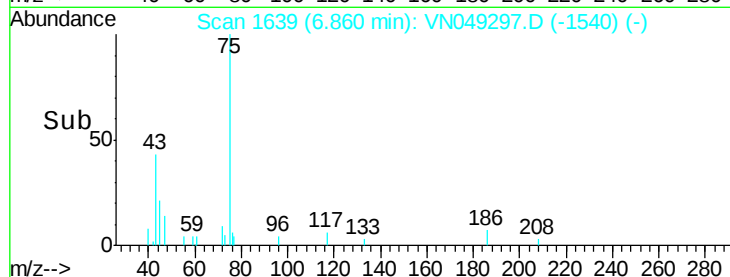
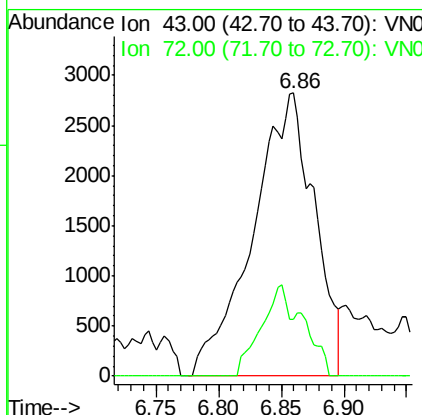
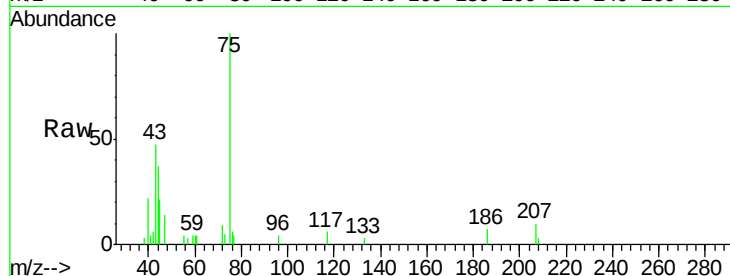




#25
2-Butanone
Concen: 1.79 ug/l
RT: 6.86 min Scan# 1639
Delta R.T. 0.02 min
Lab File: VN049297.D
Acq: 16 Jun 2018 8:35

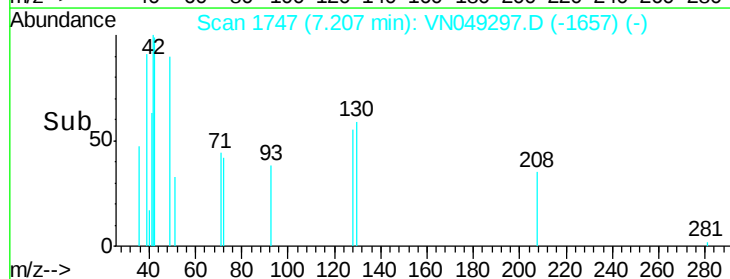
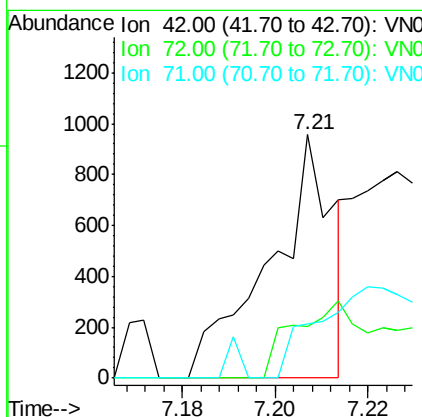
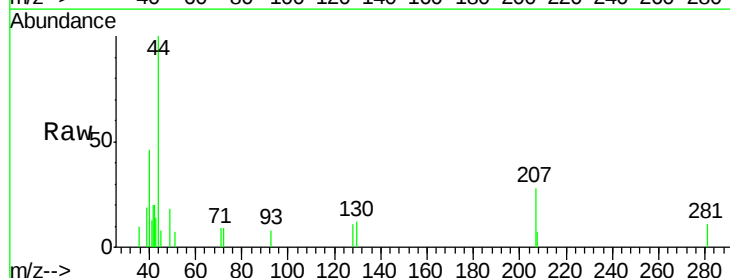
Instrument :
MSVOA_N
ClientSampleId :

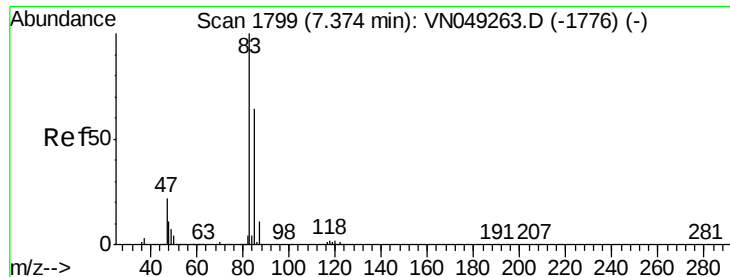
Tot Ion: 43 Resp: 9677
Ion Ratio Lower Upper
43 100
72 20.0 20.2 30.2#



#29
Tetrahydrofuran
Concen: 0.26 ug/l
RT: 7.21 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VN049297.D
Acq: 16 Jun 2018 8:35

Tgt Ion: 42 Resp: 902
Ion Ratio Lower Upper
42 100
72 32.9 32.2 48.4
71 60.5 30.5 45.7#

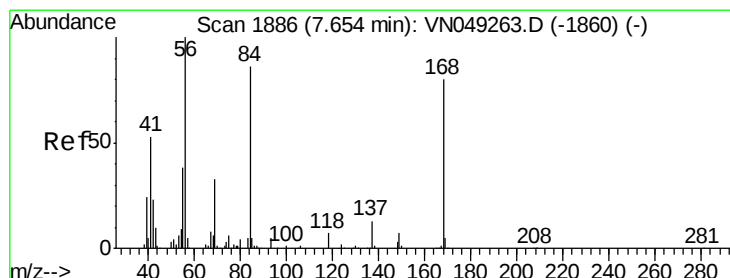
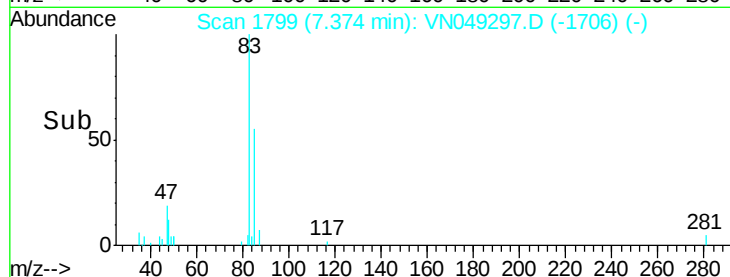
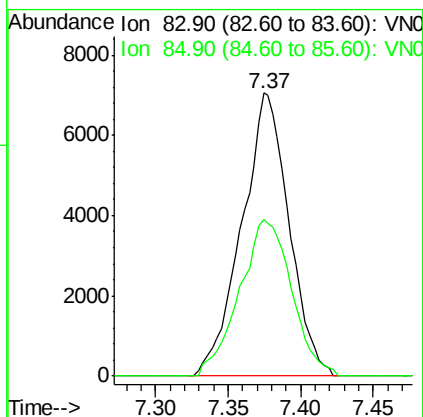
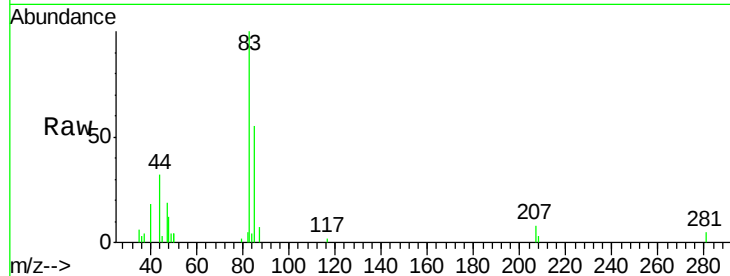




#30
Chloroform
Concen: 0.56 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. -0.00 min
Lab File: VN049297.D
Acq: 16 Jun 2018 8:35

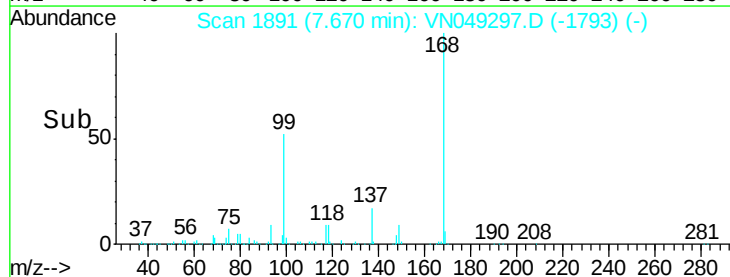
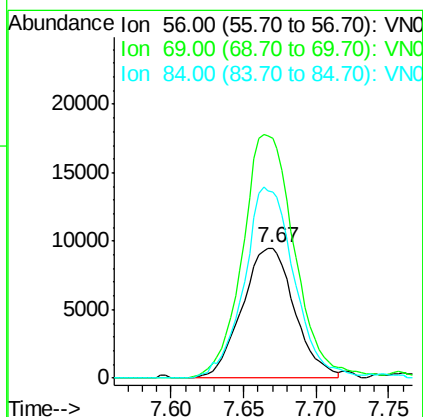
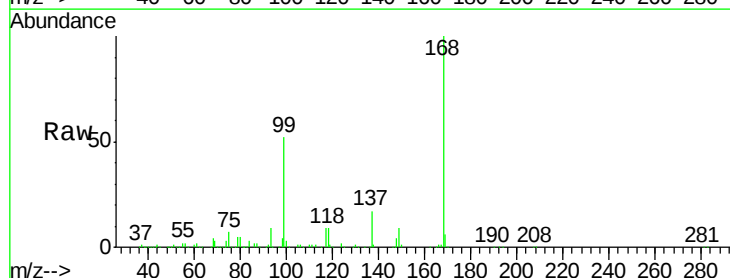
Instrument :
MSVOA_N
ClientSampleId :

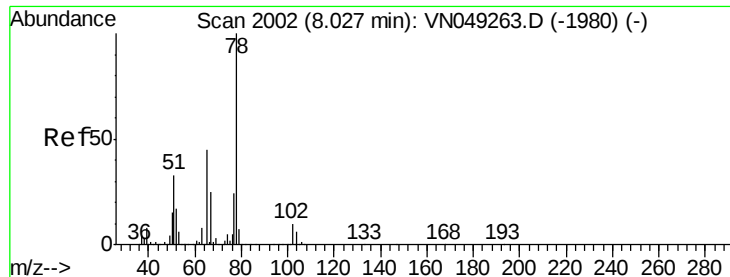
Tot Ion: 83 Resp: 15992
Ion Ratio Lower Upper
83 100
85 55.1 51.7 77.5



#31
Cyclohexane
Concen: 0.80 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.02 min
Lab File: VN049297.D
Acq: 16 Jun 2018 8:35

Tgt Ion: 56 Resp: 23922
Ion Ratio Lower Upper
56 100
69 184.1 25.0 37.4#
84 143.0 64.6 96.8#





#33

1,2-Dichloroethane-d4

Concen: 49.04 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049297.D

Acq: 16 Jun 2018 8:35

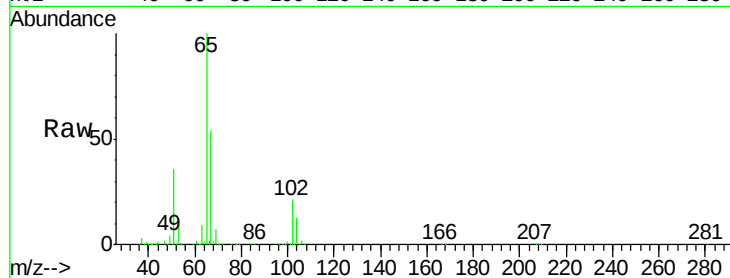
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 65 Resp: 811373

Ion Ratio Lower Upper

65 100

67 53.3 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049297.D (-2003) (-)

Ion 66.90 (66.60 to 67.60): VN049297.D (-2003) (-)

8.03

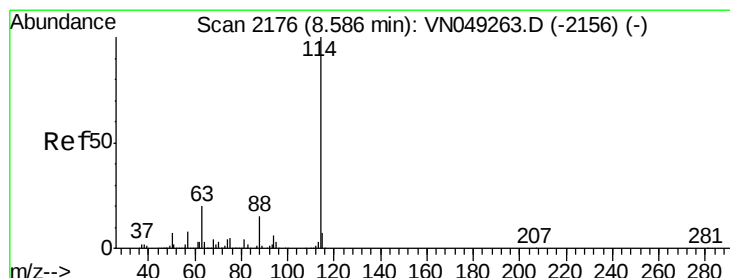
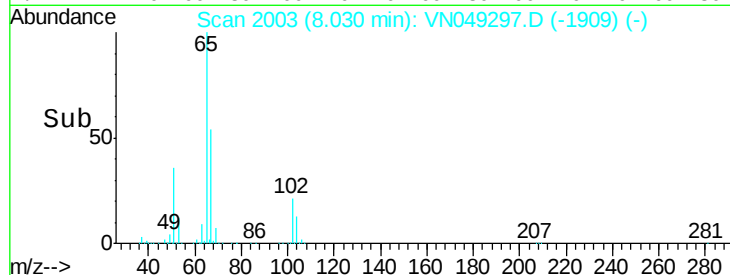
300000

200000

100000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN049297.D

Acq: 16 Jun 2018 8:35

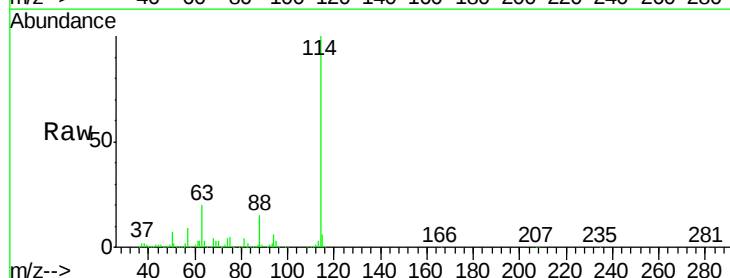
Tgt Ion: 114 Resp: 1992573

Ion Ratio Lower Upper

114 100

63 20.0 0.0 44.4

88 15.3 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN049297.D (-2176) (-)

Ion 63.00 (62.70 to 63.70): VN049297.D (-2176) (-)

Ion 87.90 (87.60 to 88.60): VN049297.D (-2176) (-)

8.59

1200000

1000000

800000

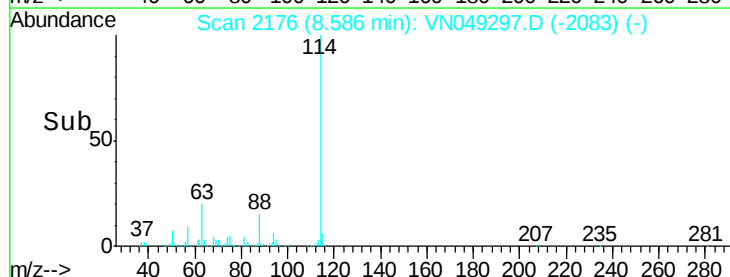
600000

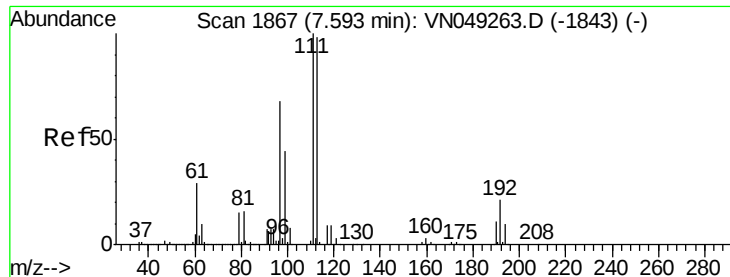
400000

200000

0

Time-->





#35

Dibromofluoromethane

Concen: 45.20 ug/l

RT: 7.59 min Scan# 1867

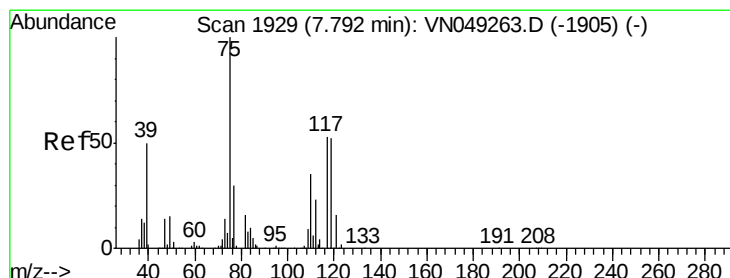
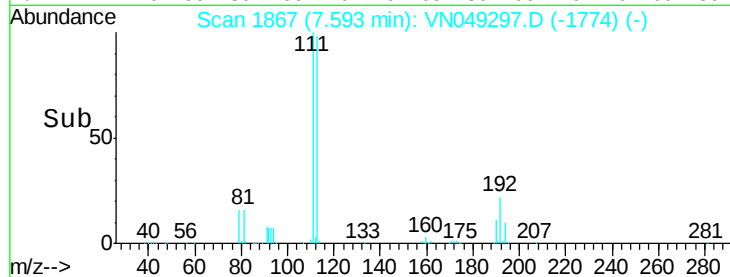
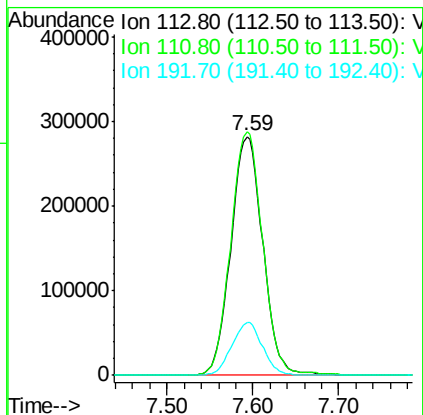
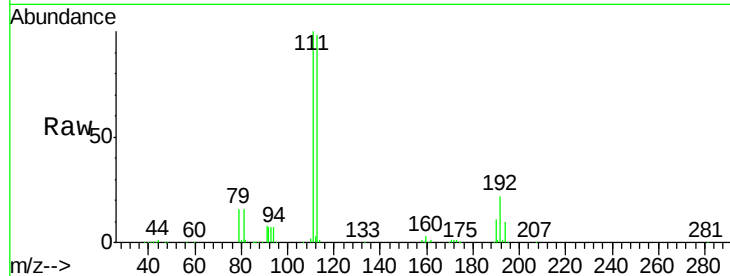
Delta R.T. -0.00 min

Lab File: VN049297.D

Acq: 16 Jun 2018 8:35

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	113	Resp:	728736
Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.4	123.6
192	21.3	15.0	22.6



#36

1,1-Dichloropropene

Concen: 3.80 ug/l

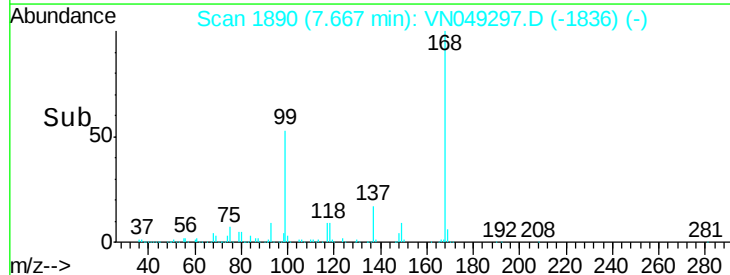
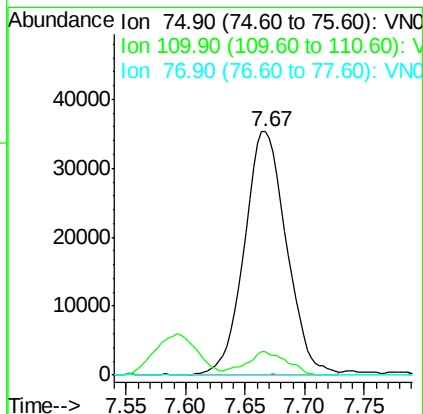
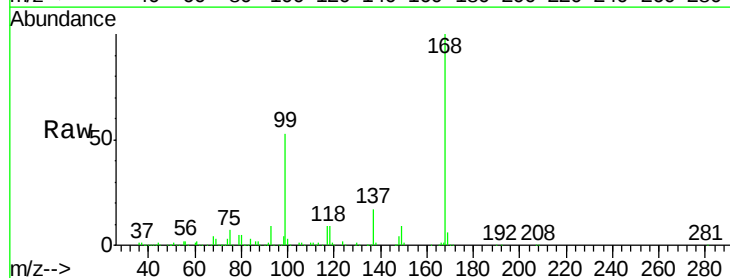
RT: 7.67 min Scan# 1890

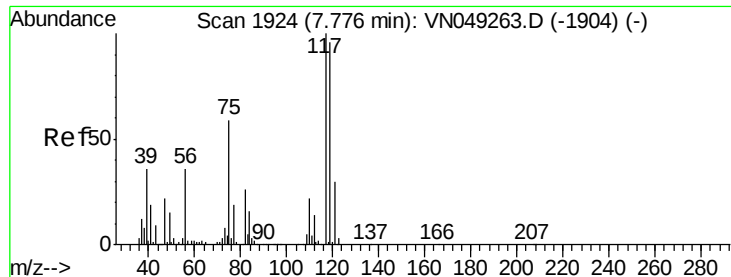
Delta R.T. -0.13 min

Lab File: VN049297.D

Acq: 16 Jun 2018 8:35

Tgt Ion:	75	Resp:	86814
Ion	Ratio	Lower	Upper
75	100		
110	9.3	17.0	50.9#
77	0.0	24.4	36.6#

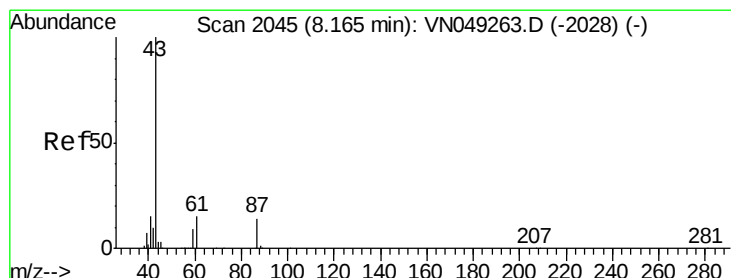
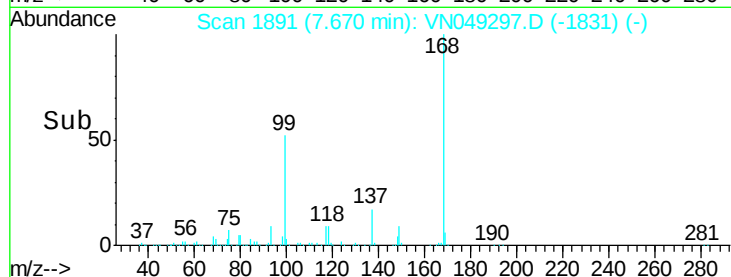
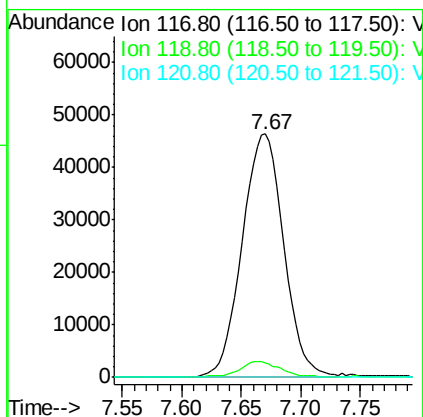
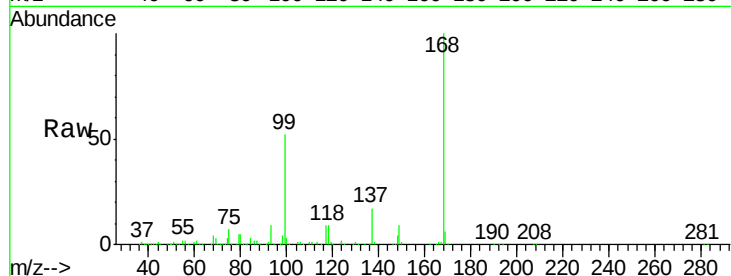




#38
Carbon Tetrachloride
Concen: 4.75 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.11 min
Lab File: VN049297.D
Acq: 16 Jun 2018 8:35

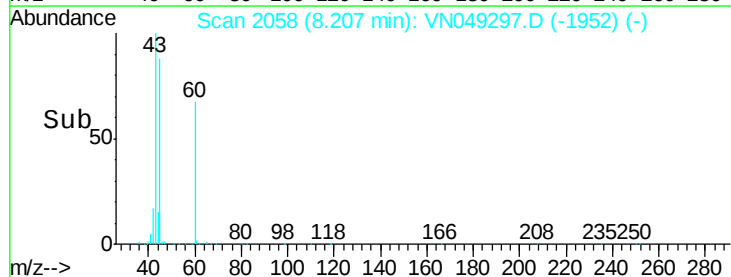
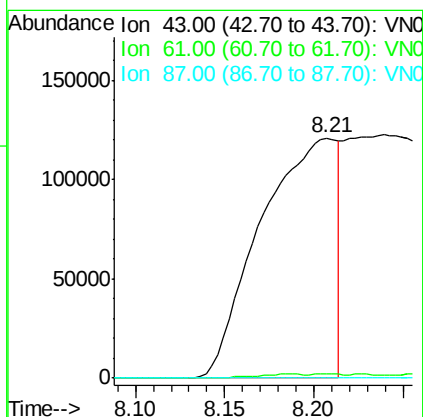
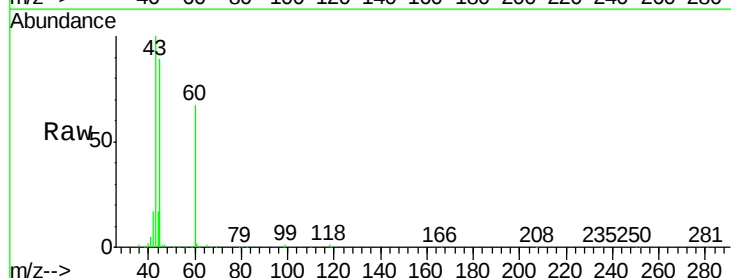
Instrument :
MSVOA_N
ClientSampleId :

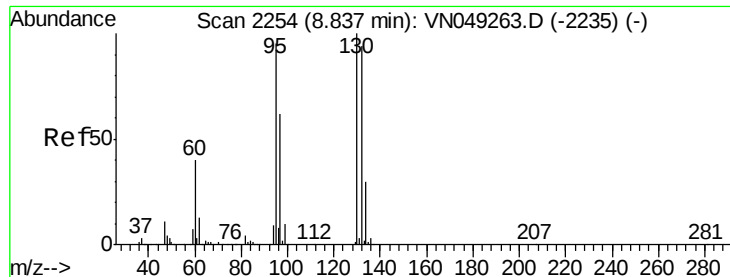
Tot Ion	Ratio	Lower	Upper
117	100		
119	6.2	75.6	113.4#
121	0.0	24.7	37.1#



#43
Isopropyl Acetate
Concen: 15.15 ug/l
RT: 8.21 min Scan# 2058
Delta R.T. 0.04 min
Lab File: VN049297.D
Acq: 16 Jun 2018 8:35

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.2	14.2	21.4#
87	0.0	9.4	14.0#





#44

Trichloroethene

Concen: 0.29 ug/l

RT: 8.84 min Scan# 2255

Delta R.T. 0.00 min

Lab File: VN049297.D

Acq: 16 Jun 2018 8:35

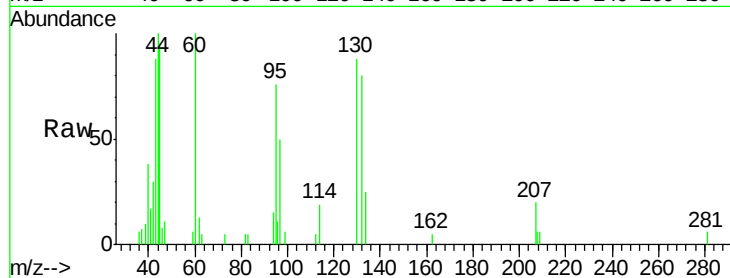
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:130 Resp: 5270

Ion Ratio Lower Upper

130 100

95 86.8 0.0 208.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VNO

8.84

2500

2000

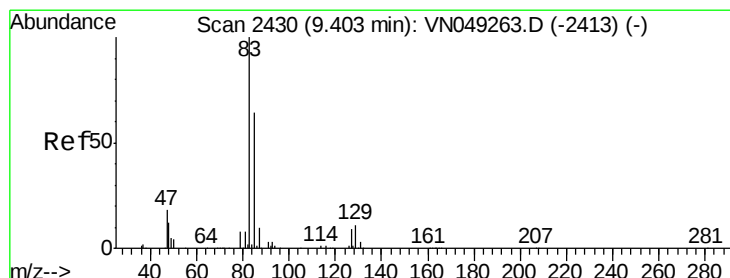
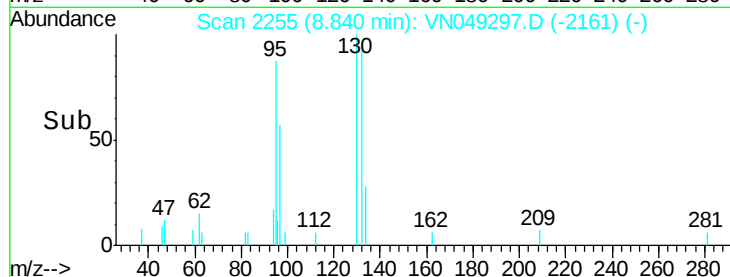
1500

1000

500

0

Time-->



#47

Bromodichloromethane

Concen: 0.28 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN049297.D

Acq: 16 Jun 2018 8:35

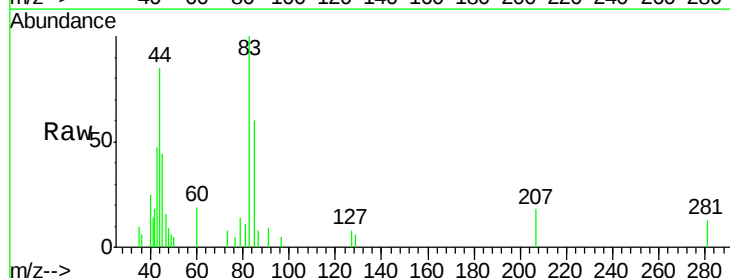
Tgt Ion: 83 Resp: 6453

Ion Ratio Lower Upper

83 100

85 59.7 49.4 74.0

127 8.0 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 126.80 (126.50 to 127.50): V

9.40

5000

4000

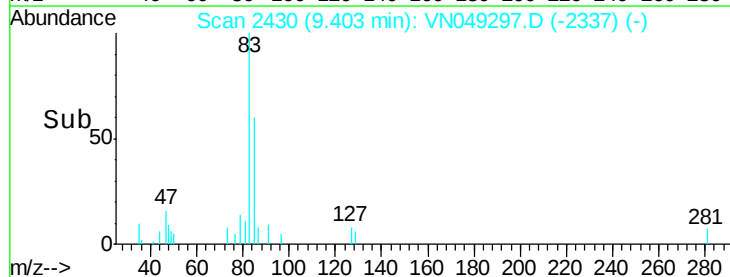
3000

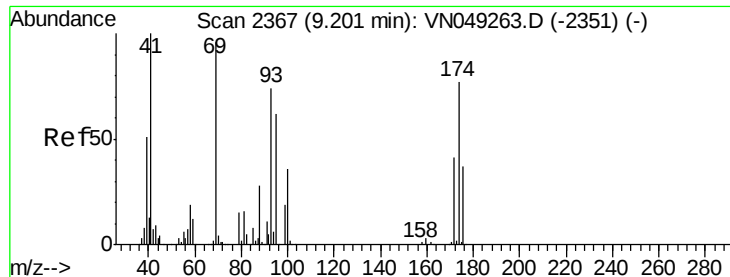
2000

1000

0

Time-->

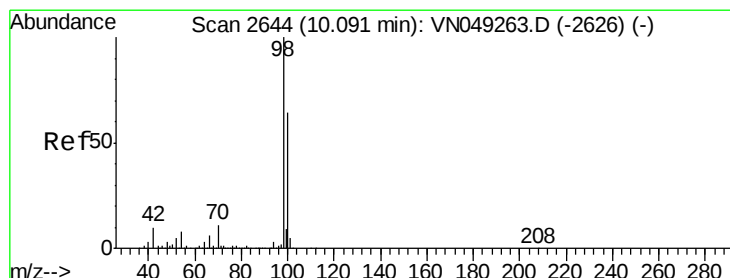
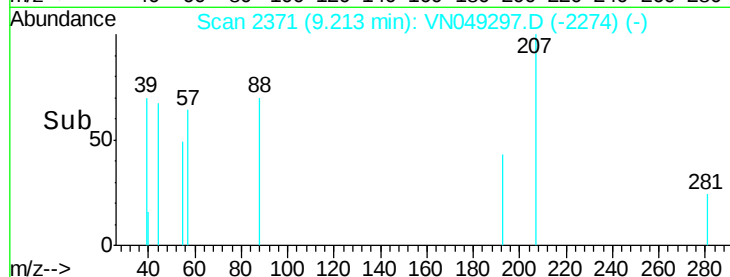
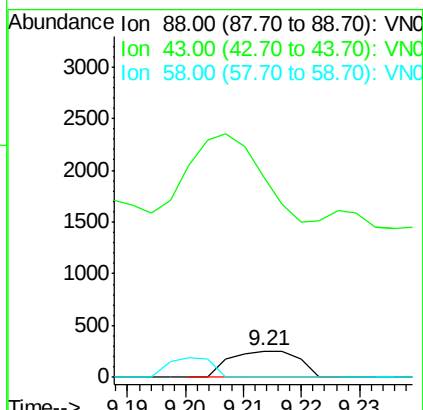
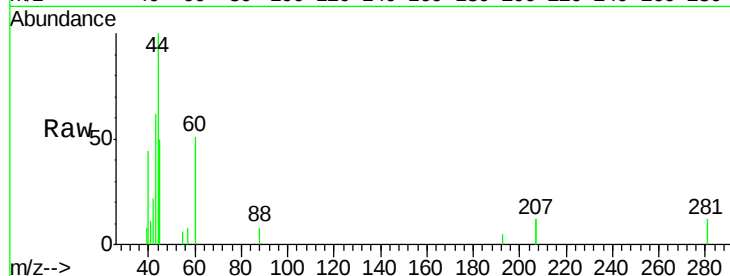




#49
 1,4-Dioxane
 Concen: 1.36 ug/l
 RT: 9.21 min Scan# 2371
 Delta R.T. 0.01 min
 Lab File: VN049297.D
 Acq: 16 Jun 2018 8:35

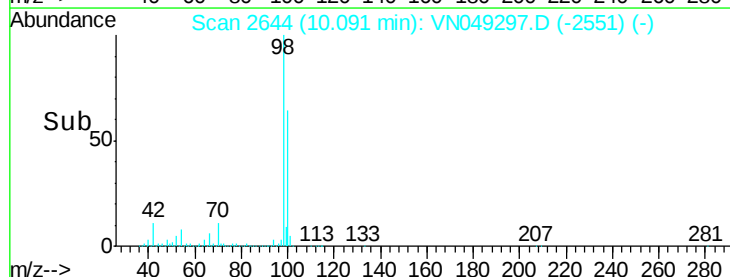
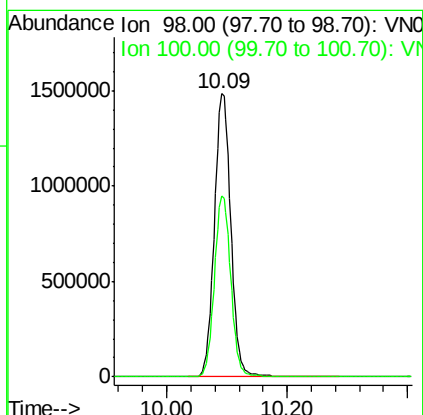
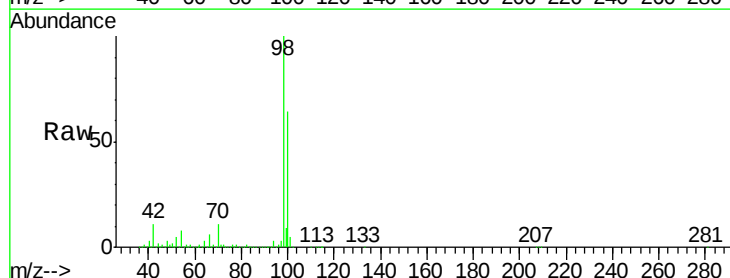
Instrument :
 MSVOA_N
 ClientSampled :

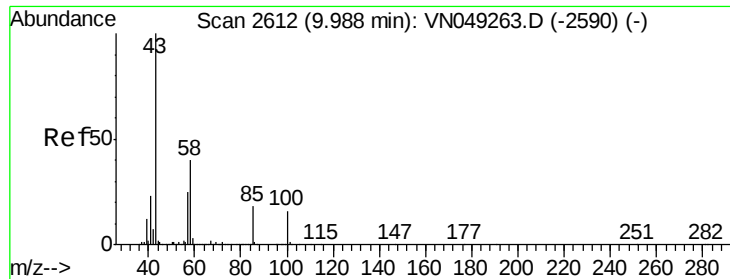
Tot Ion: 88 Resp: 210
 Ion Ratio Lower Upper
 88 100
 43 336.7 30.9 46.3#
 58 47.1 58.9 88.3#



#50
 Toluene-d8
 Concen: 44.70 ug/l
 RT: 10.09 min Scan# 2644
 Delta R.T. 0.00 min
 Lab File: VN049297.D
 Acq: 16 Jun 2018 8:35

Tgt Ion: 98 Resp: 2743953
 Ion Ratio Lower Upper
 98 100
 100 63.7 49.8 74.8





#51

4-Methyl-2-Pentanone

Concen: 0.34 ug/l

RT: 9.99 min Scan# 2613

Delta R.T. 0.00 min

Lab File: VN049297.D

Acq: 16 Jun 2018 8:35

Instrument :

MSVOA_N

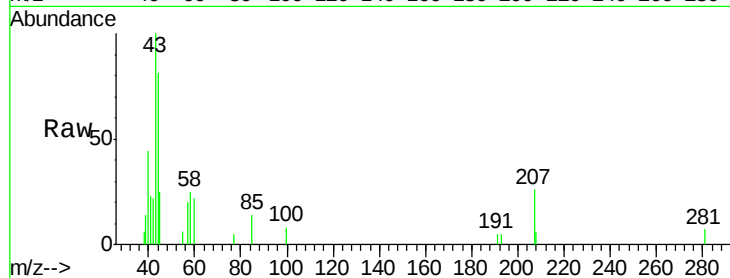
ClientSampled :

Tot Ion: 43 Resp: 4277

Ion Ratio Lower Upper

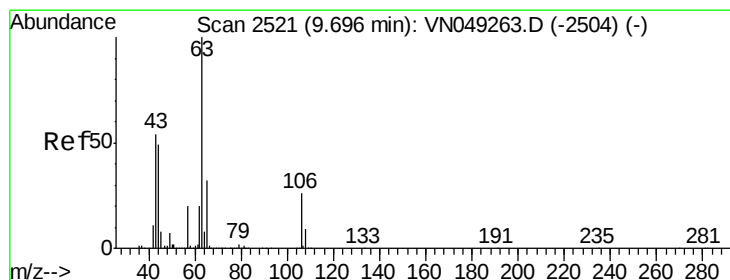
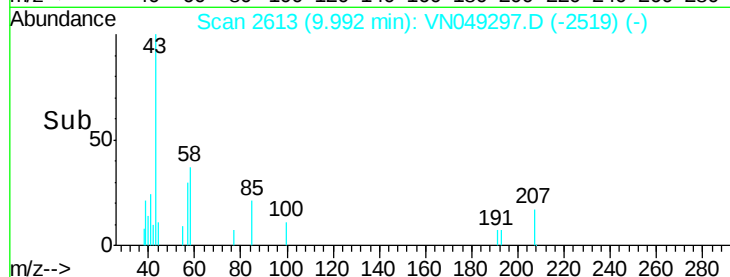
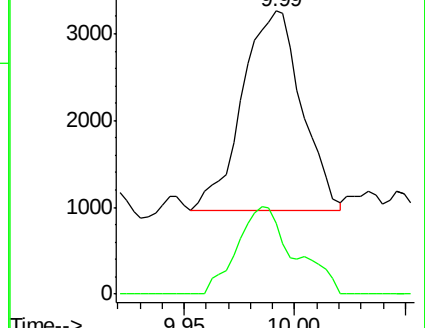
43 100

58 42.3 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) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 14.34 ug/l

RT: 9.82 min Scan# 2559

Delta R.T. 0.12 min

Lab File: VN049297.D

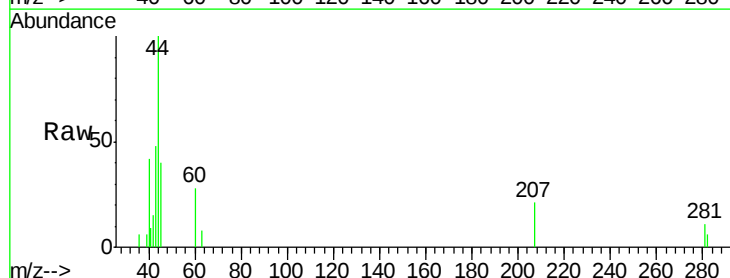
Acq: 16 Jun 2018 8:35

Tgt Ion: 63 Resp: 108

Ion Ratio Lower Upper

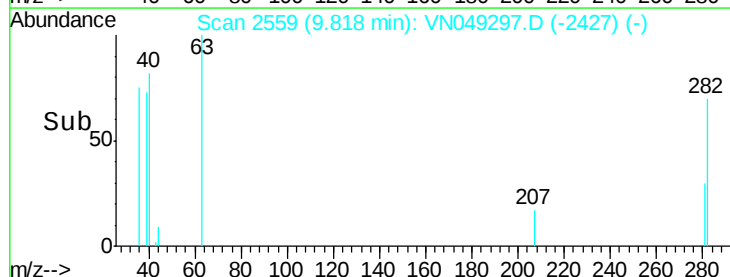
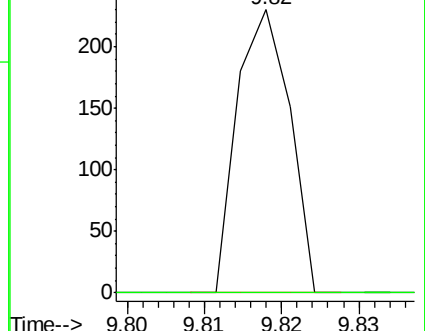
63 100

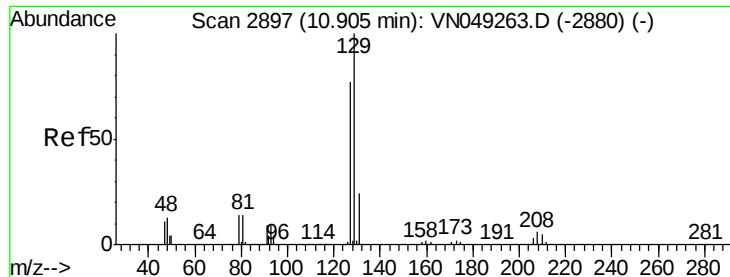
106 0.0 19.4 29.2#



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

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





#60

Dibromochloromethane

Concen: 10.61 ug/l

RT: 10.63 min Scan# 2812

Delta R.T. -0.27 min

Lab File: VN049297.D

Acq: 16 Jun 2018 8:35

Instrument :

MSVOA_N

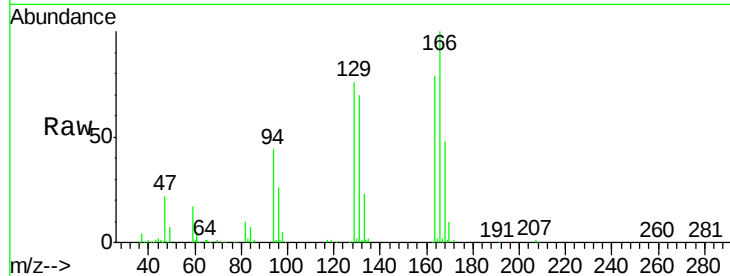
ClientSampled :

Tot Ion:129 Resp: 181324

Ion Ratio Lower Upper

129 100

127 0.0 39.1 117.2#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

10.63

120000

100000

80000

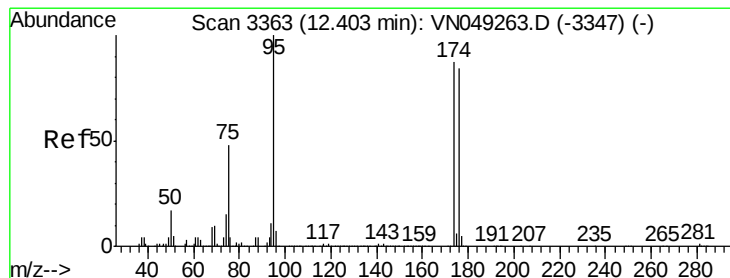
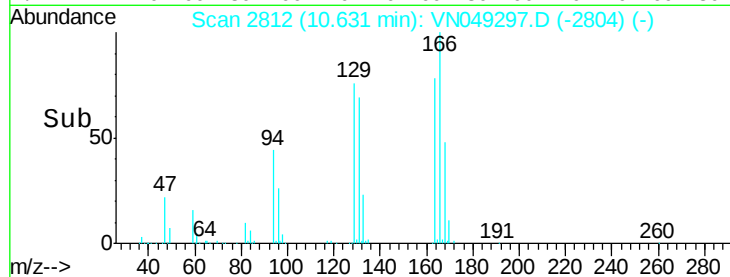
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 31.21 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049297.D

Acq: 16 Jun 2018 8:35

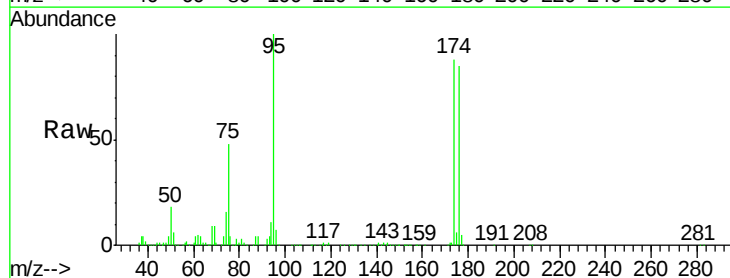
Tgt Ion: 95 Resp: 633496

Ion Ratio Lower Upper

95 100

174 89.3 0.0 165.6

176 85.5 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

500000

400000

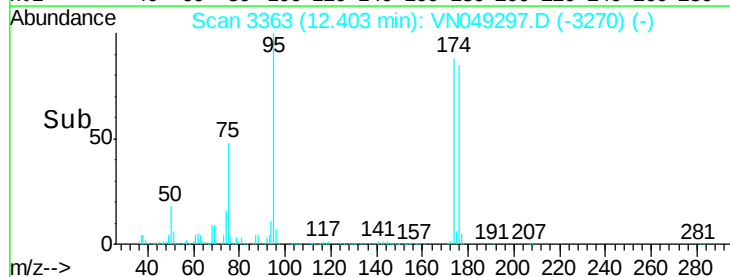
300000

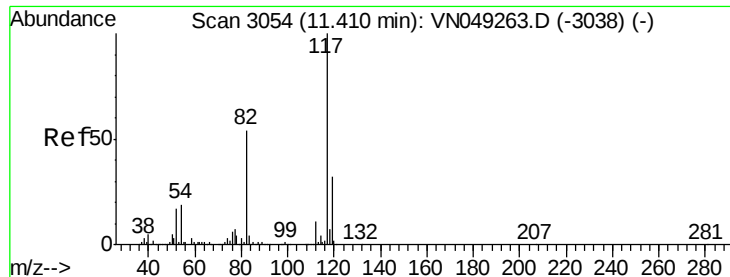
200000

100000

0

Time-->

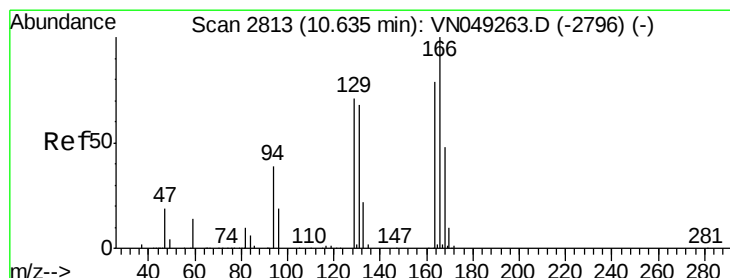
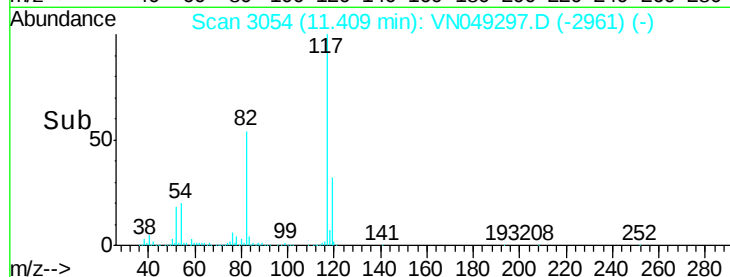
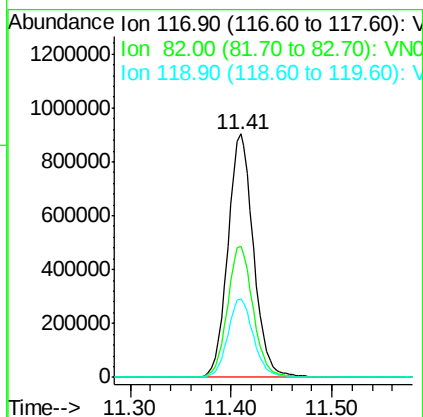
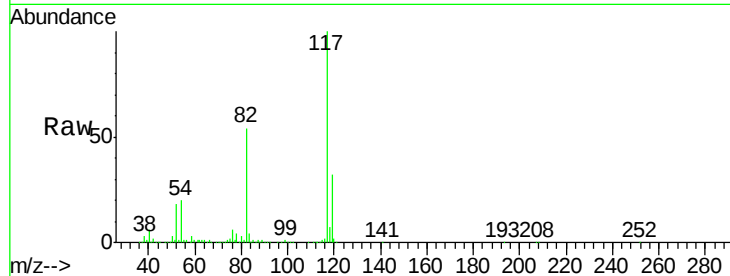




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049297.D
Acq: 16 Jun 2018 8:35

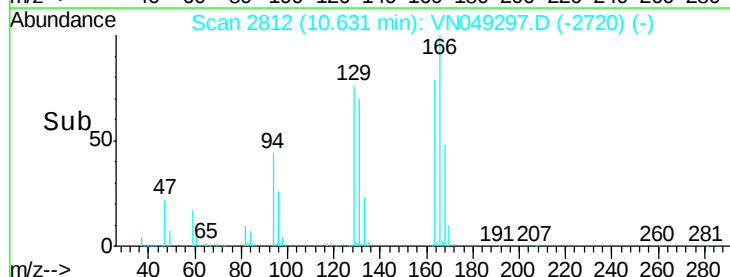
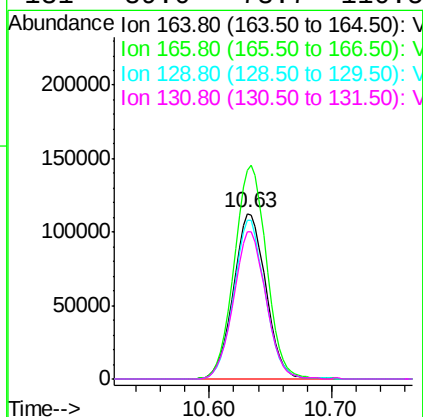
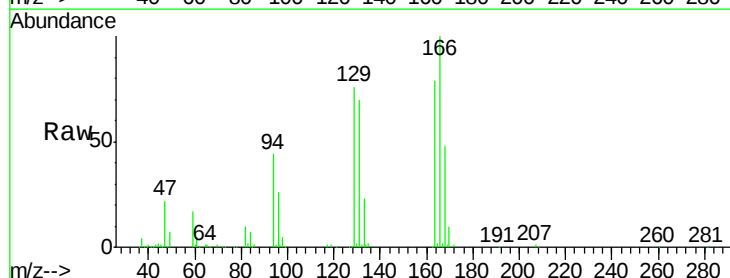
Instrument :
MSVOA_N
ClientSampled :

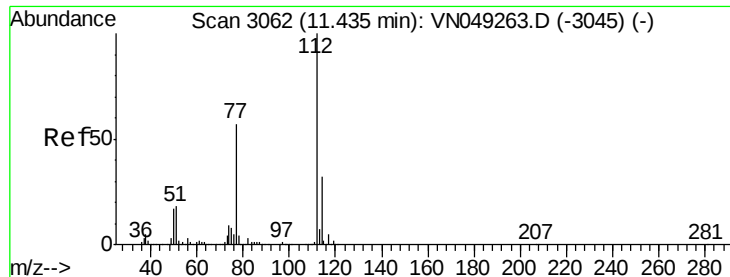
Tot Ion:117 Resp: 1597058
Ion Ratio Lower Upper
117 100
82 53.9 45.9 68.9
119 32.4 25.5 38.3



#64
Tetrachloroethene
Concen: 12.62 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN049297.D
Acq: 16 Jun 2018 8:35

Tgt Ion:164 Resp: 206556
Ion Ratio Lower Upper
164 100
166 126.3 101.4 152.2
129 96.4 74.1 111.1
131 89.0 73.7 110.5





#65

Chlorobenzene

Concen: 0.38 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN049297.D

Acq: 16 Jun 2018 8:35

Instrument :

MSVOA_N

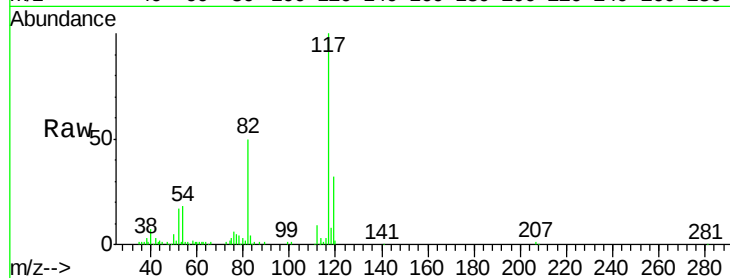
ClientSampled :

Tot Ion:112 Resp: 15569

Ion Ratio Lower Upper

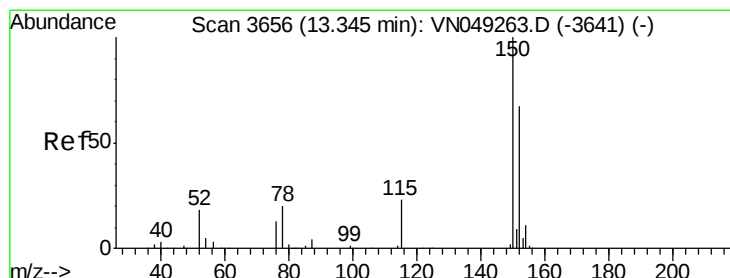
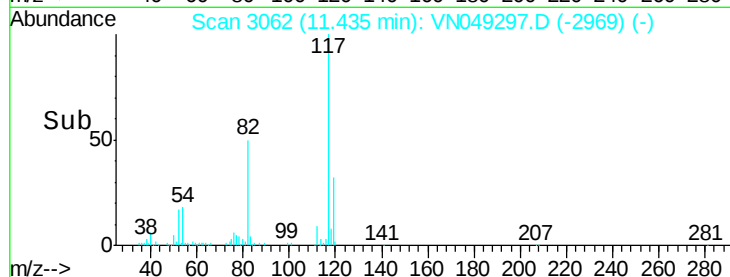
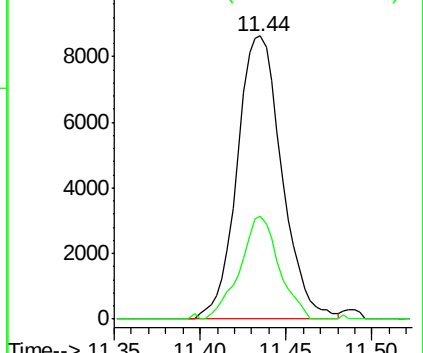
112 100

114 36.2 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049297.D

Acq: 16 Jun 2018 8:35

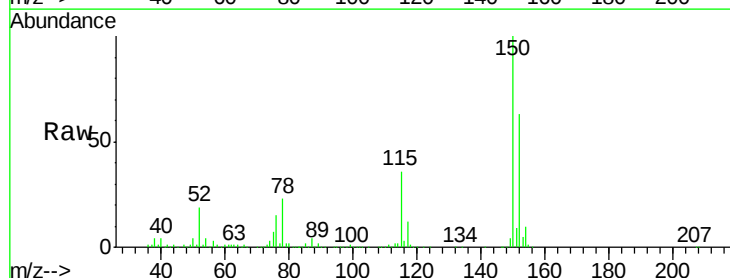
Tgt Ion:152 Resp: 420192

Ion Ratio Lower Upper

152 100

115 56.9 28.7 86.1

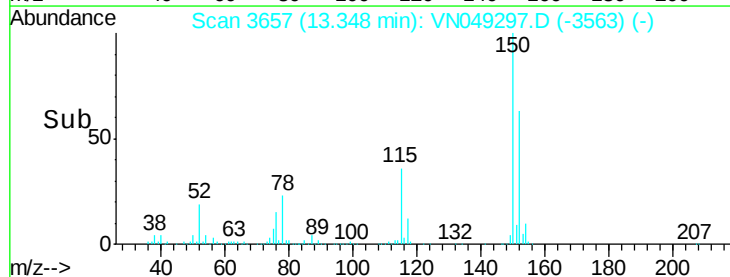
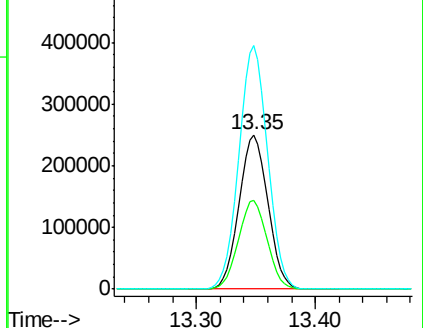
150 157.2 0.0 351.0

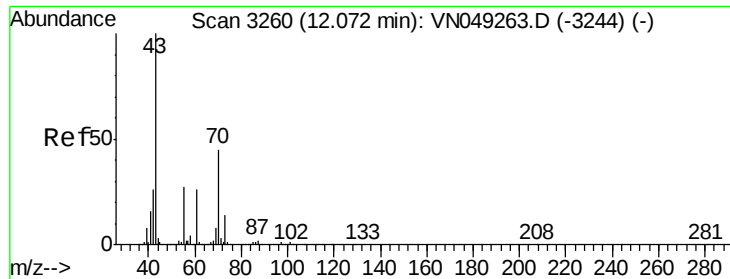


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

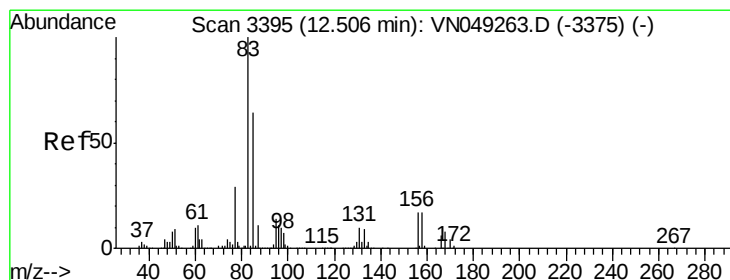
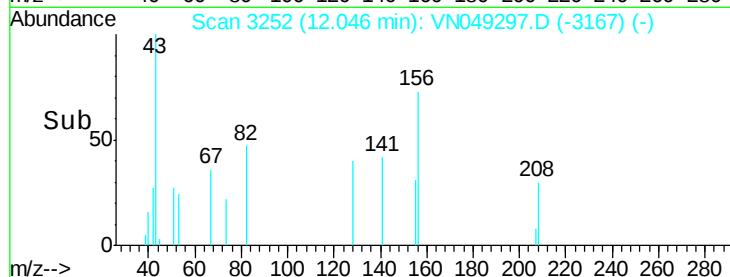
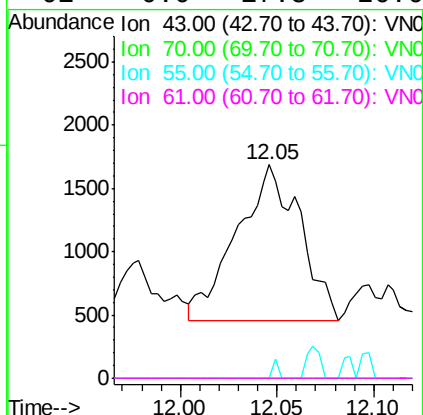
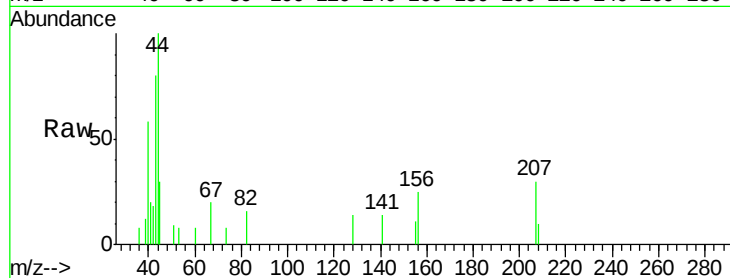




#74
N-amvl acetate
Concen: 0.31 ug/l
RT: 12.05 min Scan# 3252
Delta R.T. -0.03 min
Lab File: VN049297.D
Acq: 16 Jun 2018 8:35

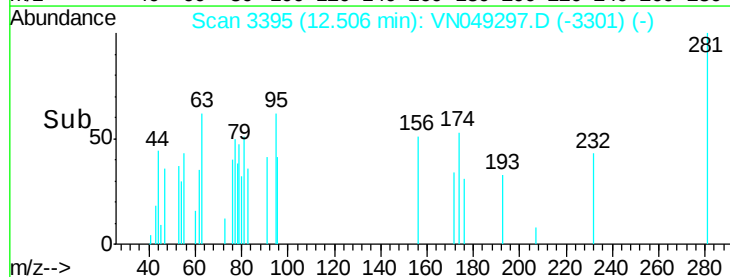
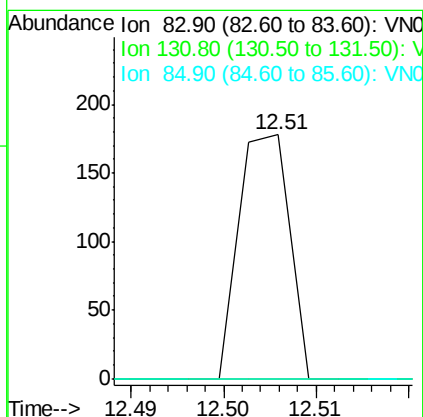
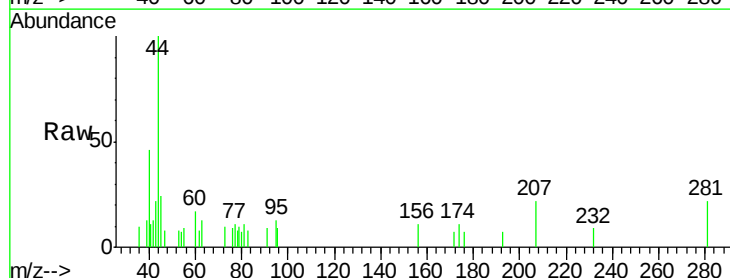
Instrument :
MSVOA_N
ClientSampleId :

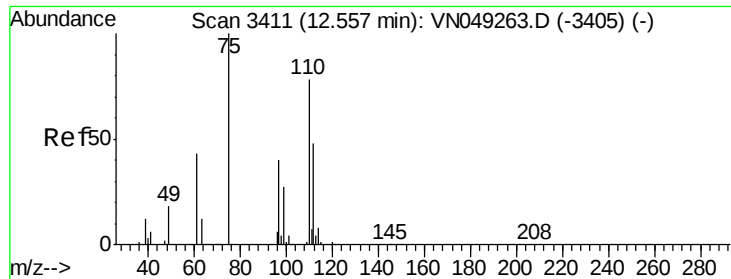
Tot Ion:	43	Resp:	2779
Ion	Ratio	Lower	Upper
43	100		
70	0.0	30.3	45.5#
55	1.1	19.4	29.2#
61	0.0	17.8	26.6#



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.51 min Scan# 3395
Delta R.T. 0.00 min
Lab File: VN049297.D
Acq: 16 Jun 2018 8:35

Tgt Ion:	83	Resp:	68
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.0	15.0#
85	0.0	32.0	96.0#





#76

1,2,3-Trichloropropane

Concen: 42.36 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049297.D

Acq: 16 Jun 2018 8:35

Instrument :

MSVOA_N

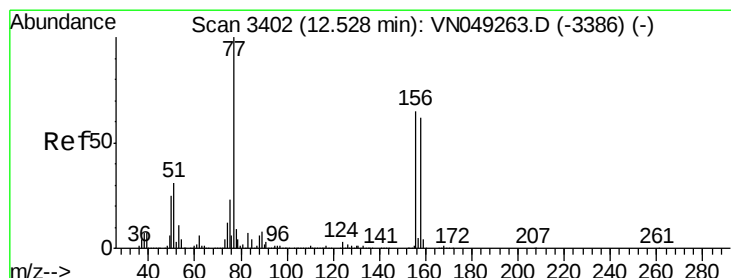
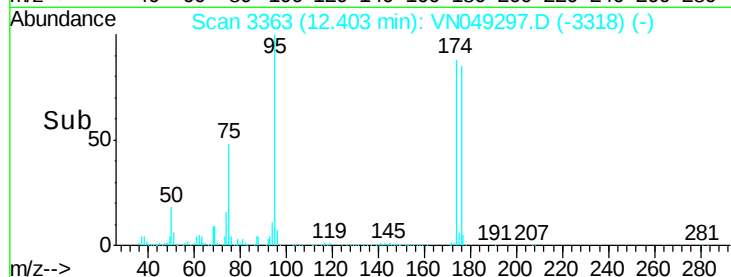
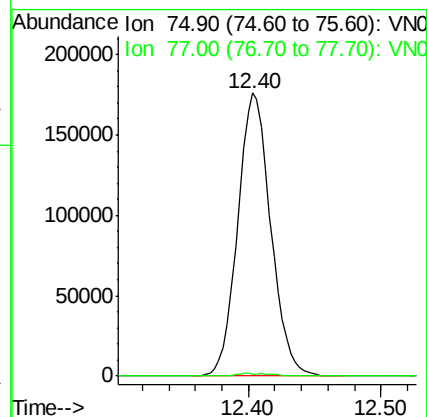
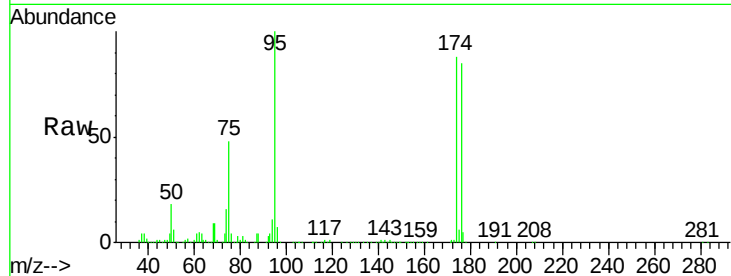
ClientSampleId :

Tot Ion: 75 Resp: 303689

Ion Ratio Lower Upper

75 100

77 0.6 0.0 0.0#



#77

Bromobenzene

Concen: 0.24 ug/l

RT: 12.54 min Scan# 3407

Delta R.T. 0.02 min

Lab File: VN049297.D

Acq: 16 Jun 2018 8:35

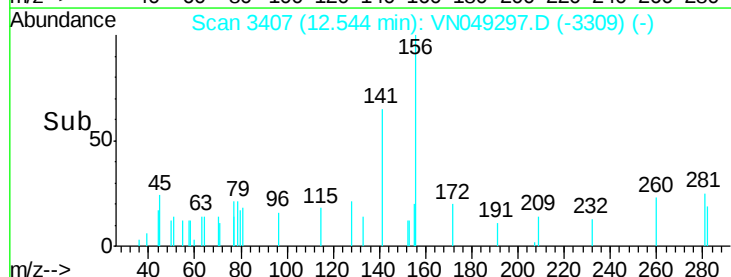
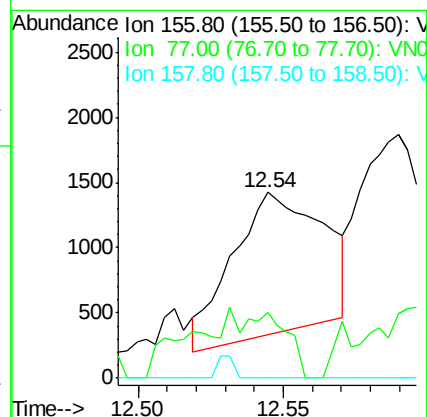
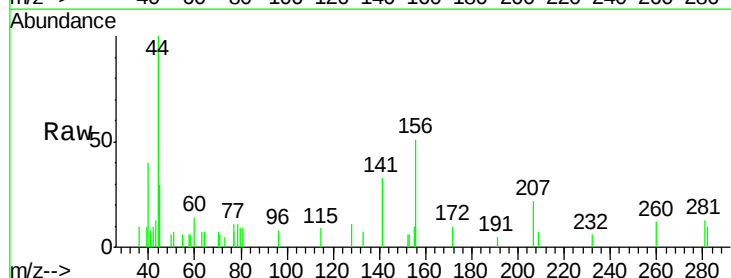
Tgt Ion: 156 Resp: 2346

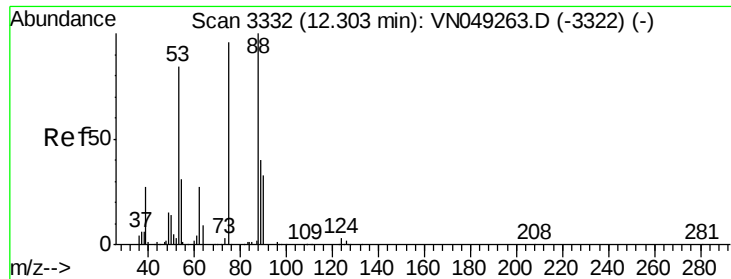
Ion Ratio Lower Upper

156 100

77 2.3 100.8 302.4#

158 2.9 49.3 147.9#





#81

trans-1,4-Dichloro-2-butene

Concen: 133.87 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049297.D

Acq: 16 Jun 2018 8:35

Instrument :

MSVOA_N

ClientSampleId :

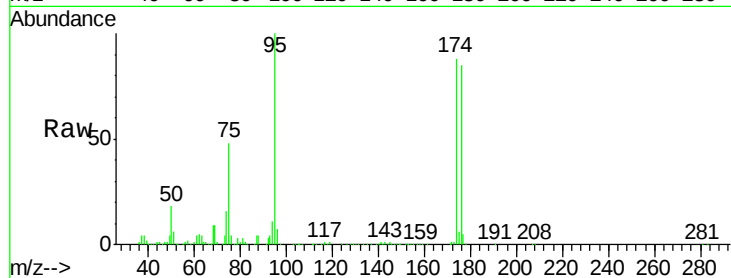
Tot Ion: 75 Resp: 303689

Ion Ratio Lower Upper

75 100

53 0.3 82.7 124.1#

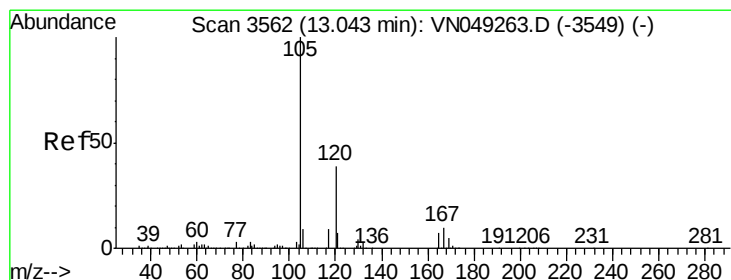
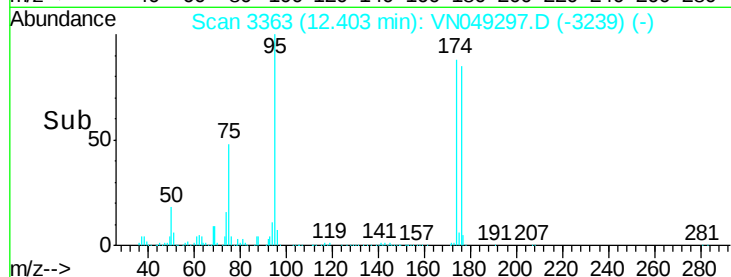
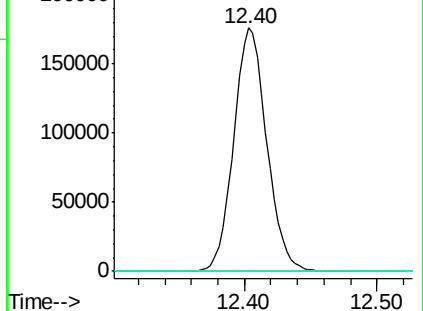
89 0.0 36.5 54.7#



Abundance Ion 74.90 (74.60 to 75.60): VN049297.D (-3363) (-)

Ion 53.00 (52.70 to 53.70): VN049297.D (-3363) (-)

Ion 88.90 (88.60 to 89.60): VN049297.D (-3363) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.45 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. -0.00 min

Lab File: VN049297.D

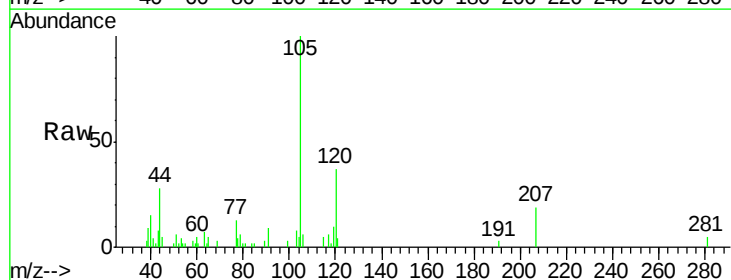
Acq: 16 Jun 2018 8:35

Tgt Ion: 105 Resp: 13094

Ion Ratio Lower Upper

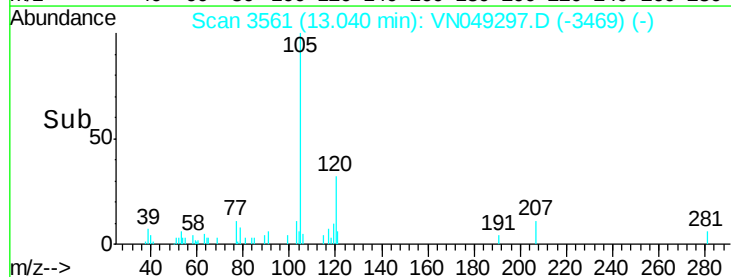
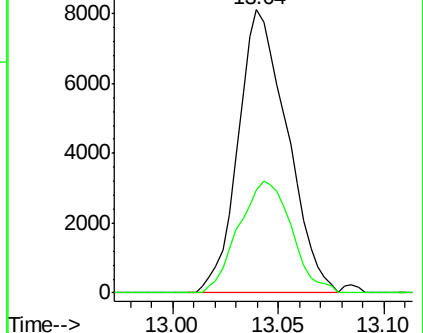
105 100

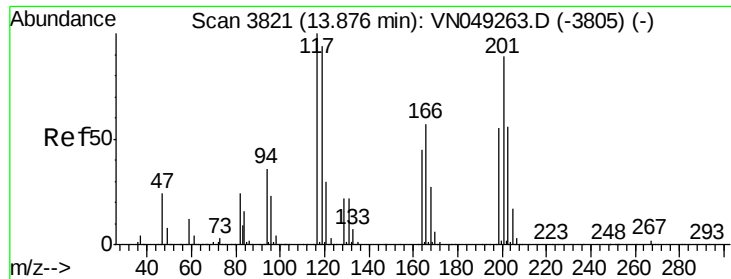
120 42.7 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): VN049297.D (-3562) (-)

Ion 120.00 (119.70 to 120.70): VN049297.D (-3562) (-)





#90

Hexachloroethane

Concen: Below Cal

RT: 13.89 min Scan# 3826

Delta R.T. 0.02 min

Lab File: VN049297.D

Acq: 16 Jun 2018 8:35

Instrument :

MSVOA_N

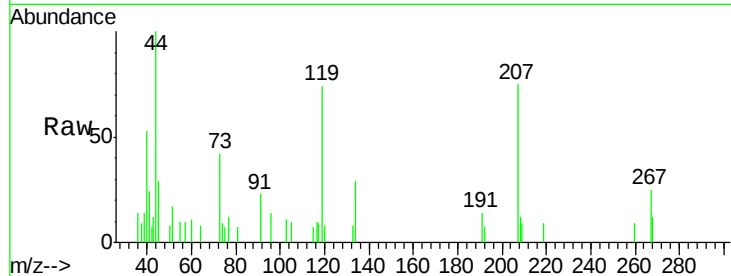
ClientSampled :

Tot Ion:117 Resp: 301

Ion Ratio Lower Upper

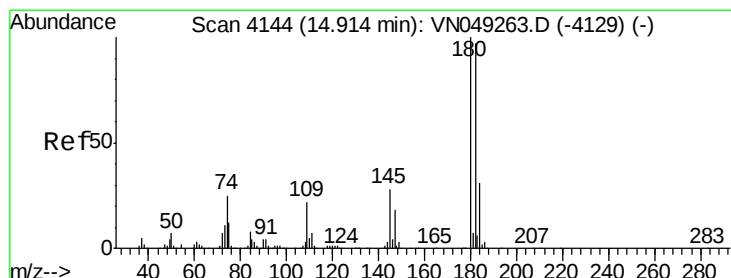
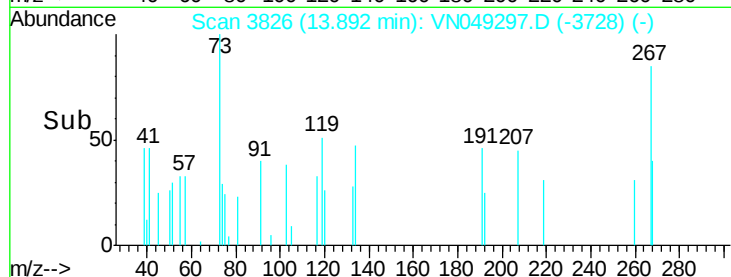
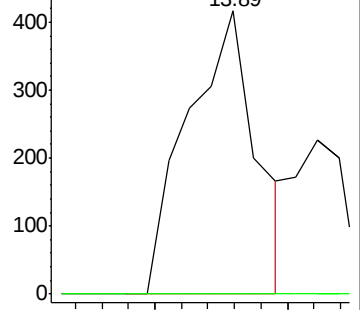
117 100

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



#93

1,2,4-Trichlorobenzene

Concen: 4.81 ug/l

RT: 14.91 min Scan# 4144

Delta R.T. 0.00 min

Lab File: VN049297.D

Acq: 16 Jun 2018 8:35

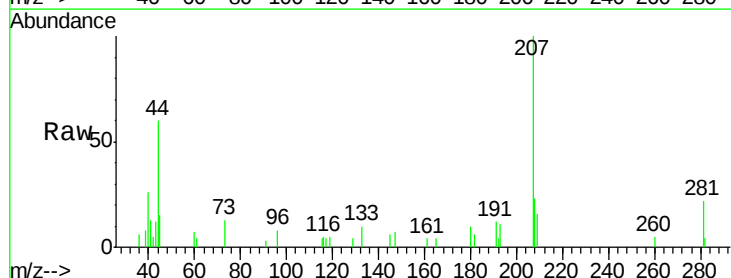
Tgt Ion:180 Resp: 497

Ion Ratio Lower Upper

180 100

182 54.3 46.9 140.8

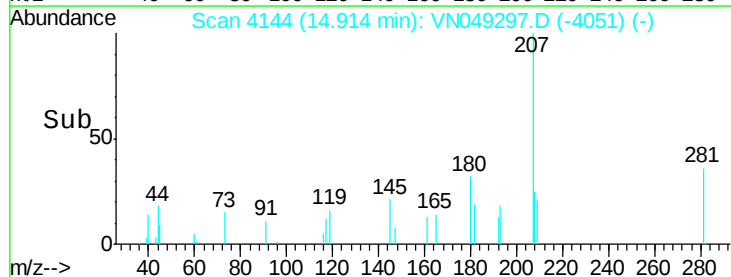
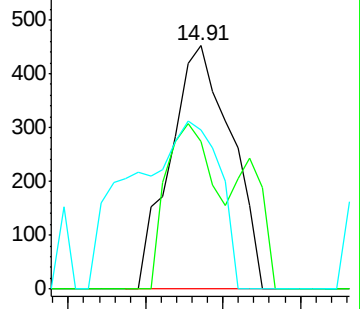
145 99.2 14.7 44.1#

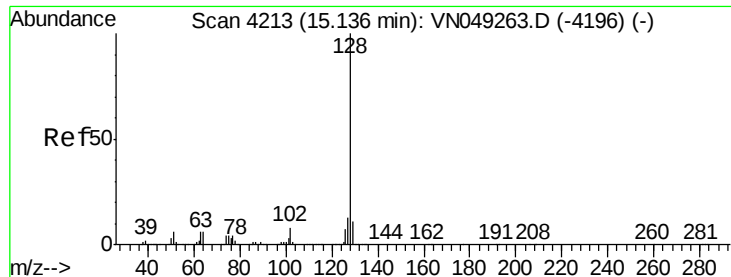


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 15.14 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049297.D

Acq: 16 Jun 2018 8:35

Instrument :

MSVOA_N

ClientSampled :

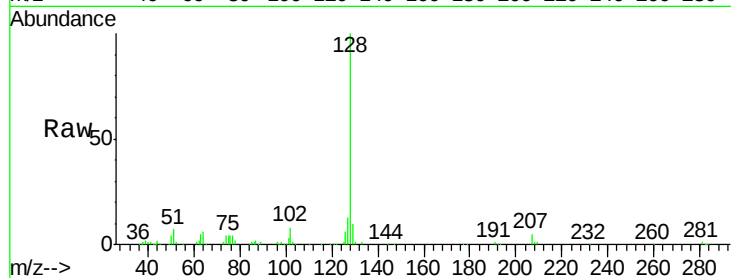
Tot Ion:128 Resp: 157908

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

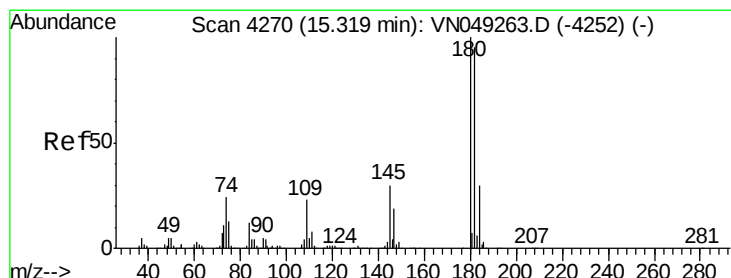
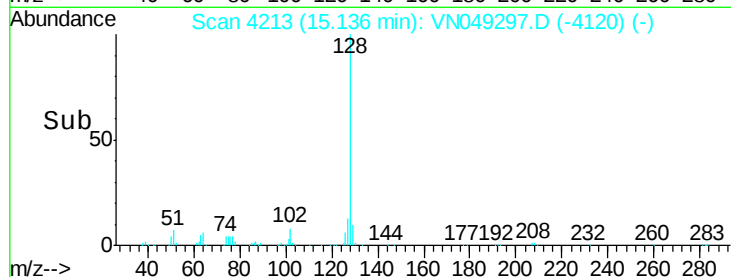
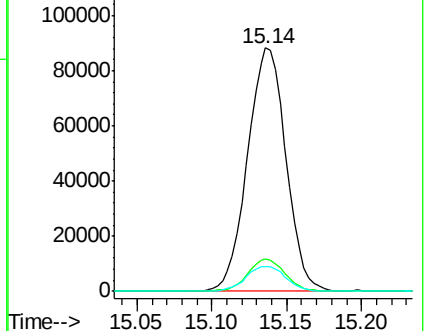
129 10.8 8.5 12.7



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: 3.49 ug/l

RT: 15.32 min Scan# 4270

Delta R.T. 0.00 min

Lab File: VN049297.D

Acq: 16 Jun 2018 8:35

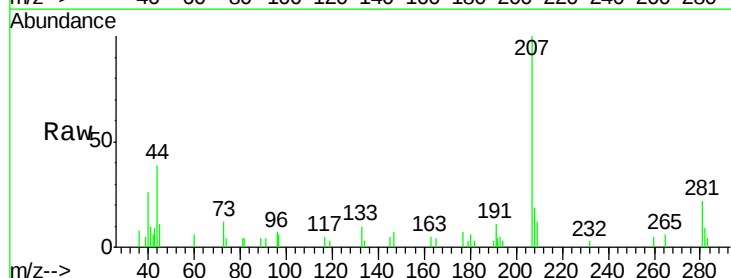
Tgt Ion:180 Resp: 234

Ion Ratio Lower Upper

180 100

182 71.4 47.3 141.8

145 161.1 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

