

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049299.D
 Acq On : 16 Jun 2018 9:26
 Operator : MD\SY
 Sample : J3464-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 18 01:14:43 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	1226198	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1961078	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1638269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	474534	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	809083	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
35) Dibromofluoromethane	7.59	113	713274	44.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.92%	
50) Toluene-d8	10.09	98	2701400	44.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.44%	
62) 4-Bromofluorobenzene	12.40	95	694403	34.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.52%	

Target Compounds				Qvalue		
3) Chloromethane	2.06	50	4009	0.22	ug/l	95
8) Diethyl Ether	3.41	74	6066	0.72	ug/l	96
13) Acrolein	3.61	56	412	0.41	ug/l #	68
14) Allyl chloride	4.55	41	560871	25.26	ug/l #	20
16) Acetone	3.82	43	62615	15.86	ug/l #	83
18) Methyl Acetate	4.33	43	108174	8.98	ug/l	96
20) Methylene Chloride	4.55	84	16147746	979.10	ug/l	92
25) 2-Butanone	6.85	43	16966	3.20	ug/l	92
30) Chloroform	7.37	83	23968	0.85	ug/l	96
31) Cyclohexane	7.67	56	22227	0.75	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	85897	3.82	ug/l #	50
37) Ethyl Acetate	6.85	43	16966	1.39	ug/l #	72
38) Carbon Tetrachloride	7.67	117	110112	4.73	ug/l #	17
43) Isopropyl Acetate	8.21	43	453344	19.42	ug/l #	64
47) Bromodichloromethane	9.40	83	8774	0.38	ug/l #	97
49) 1,4-Dioxane	9.20	88	155	1.02	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	16105	1.32	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.51	63	63	14.34	ug/l #	51
64) Tetrachloroethene	10.63	164	6315	0.38	ug/l	94
65) Chlorobenzene	11.44	112	11156	0.26	ug/l	100
68) m/p-Xylenes	11.62	106	7388	0.28	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.51	83	148	Below	Cal #	26
76) 1,2,3-Trichloropropane	12.40	75	335223	41.40	ug/l #	100
77) Bromobenzene	12.59	156	102698	9.33	ug/l #	1
79) 2-Chlorotoluene	12.68	91	9766	0.34	ug/l	93
80) 1,3,5-Trimethylbenzene	12.74	105	10365	0.32	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.40	75	335223	130.85	ug/l #	9
82) 4-Chlorotoluene	12.68	91	9766	0.35	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	31999	0.98	ug/l	99
90) Hexachloroethane	13.89	117	1635	Below	Cal #	9
93) 1,2,4-Trichlorobenzene	14.91	180	593	4.81	ug/l #	24
95) Naphthalene	15.14	128	213472	17.60	ug/l	99
96) 1,2,3-Trichlorobenzene	15.33	180	284	3.49	ug/l #	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
Data File : VN049299.D
Acq On : 16 Jun 2018 9:26
Operator : MD\SY
Sample : J3464-09
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jun 18 01:14:43 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

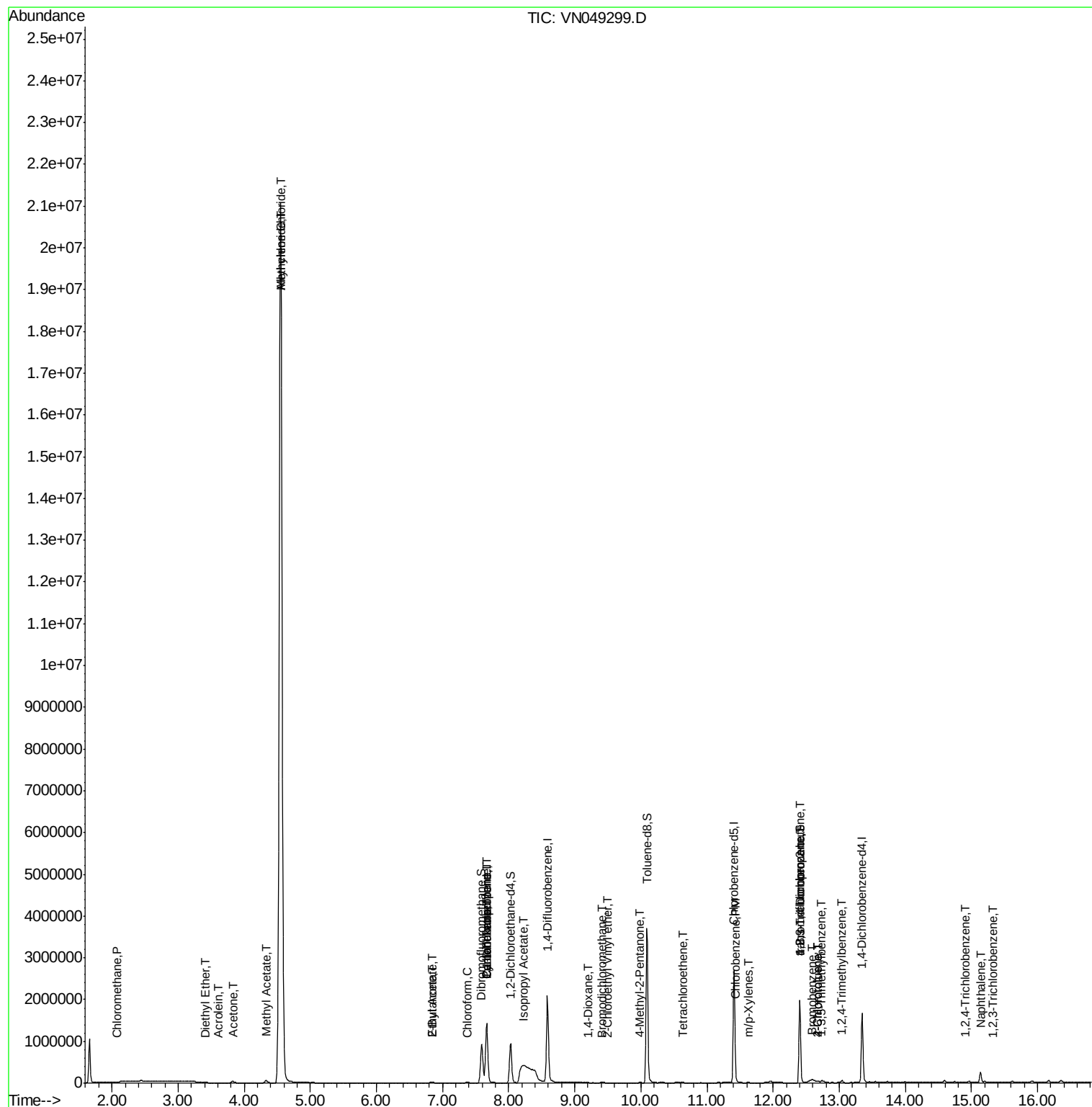
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

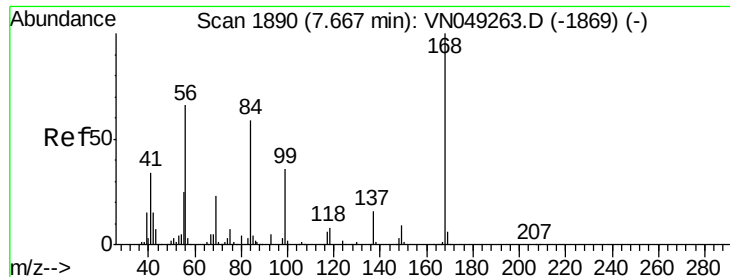
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061618\
Data File : VN049299.D
Acq On : 16 Jun 2018 9:26
Operator : MD\SY
Sample : J3464-09
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jun 18 01:14:43 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
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: VN049299.D

Acq: 16 Jun 2018 9:26

Instrument :

MSVOA_N

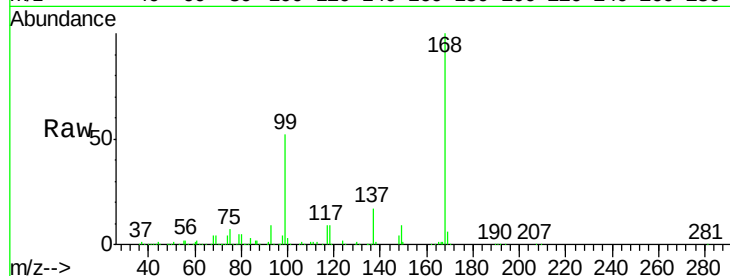
ClientSampled :

Tot Ion:168 Resp: 1226198

Ion Ratio Lower Upper

168 100

99 51.7 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

500000

400000

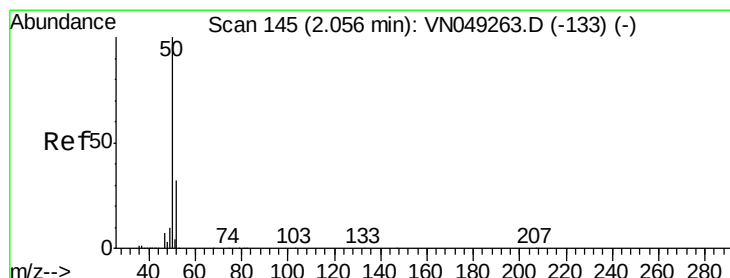
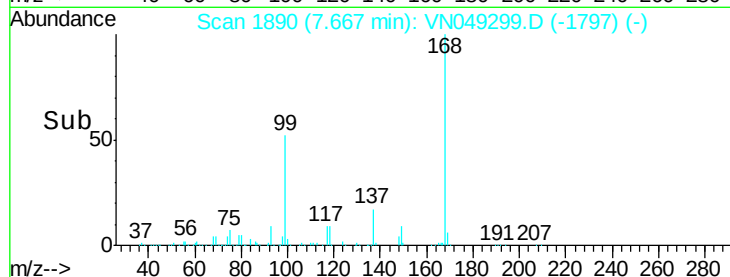
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 0.22 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN049299.D

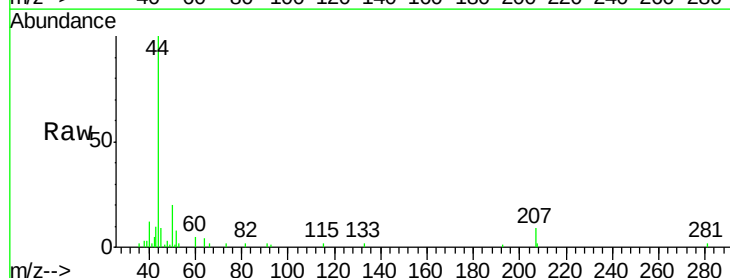
Acq: 16 Jun 2018 9:26

Tgt Ion: 50 Resp: 4009

Ion Ratio Lower Upper

50 100

52 28.9 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

2500

2000

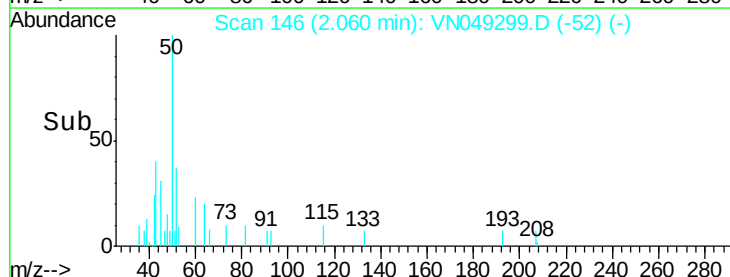
1500

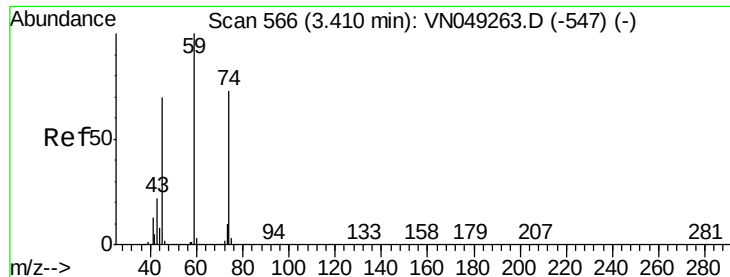
1000

500

0

Time-->





#8

Diethyl Ether

Concen: 0.72 ug/l

RT: 3.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VN049299.D

Acq: 16 Jun 2018 9:26

Instrument :

MSVOA_N

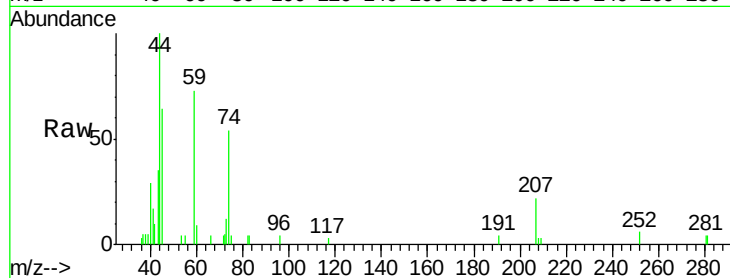
ClientSampleId :

Tot Ion: 74 Resp: 6066

Ion Ratio Lower Upper

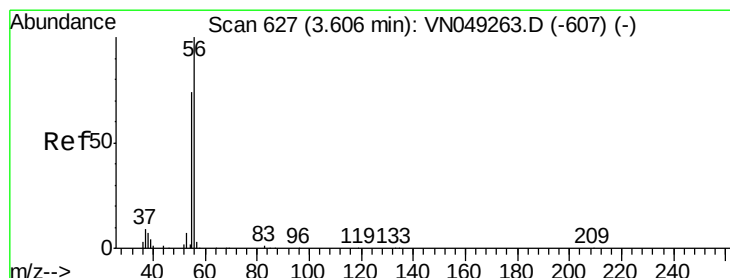
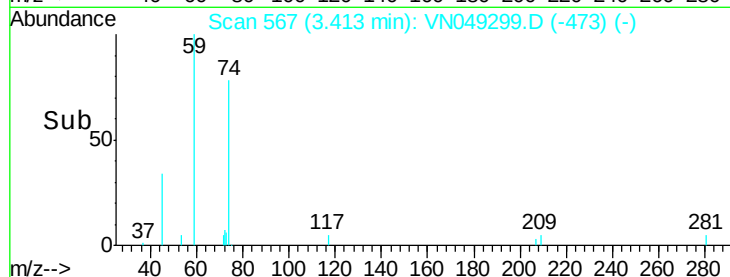
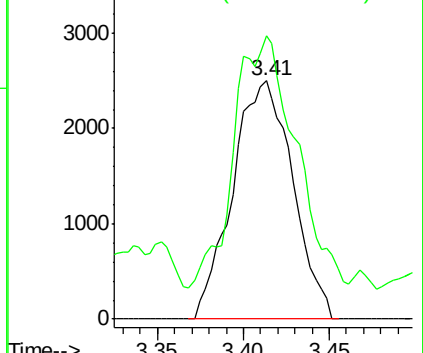
74 100

45 108.3 51.9 155.8



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#13

Acrolein

Concen: 0.41 ug/l

RT: 3.61 min Scan# 629

Delta R.T. 0.01 min

Lab File: VN049299.D

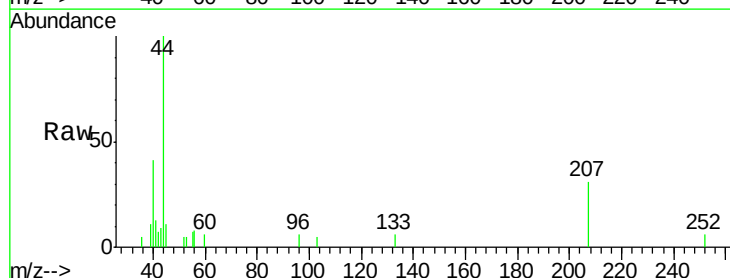
Acq: 16 Jun 2018 9:26

Tgt Ion: 56 Resp: 412

Ion Ratio Lower Upper

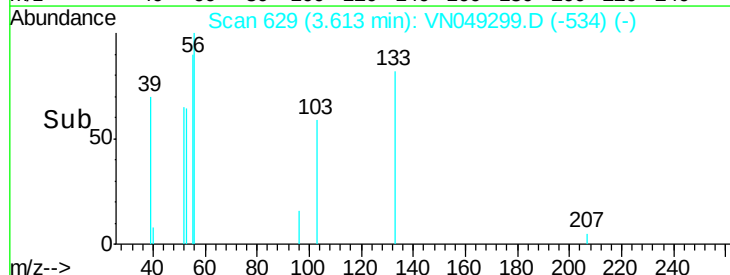
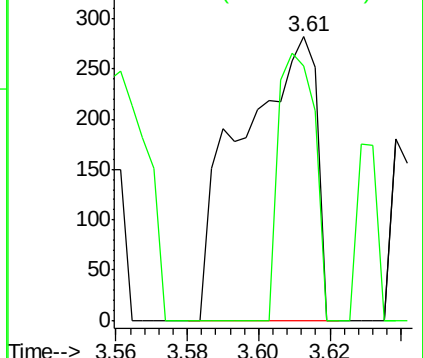
56 100

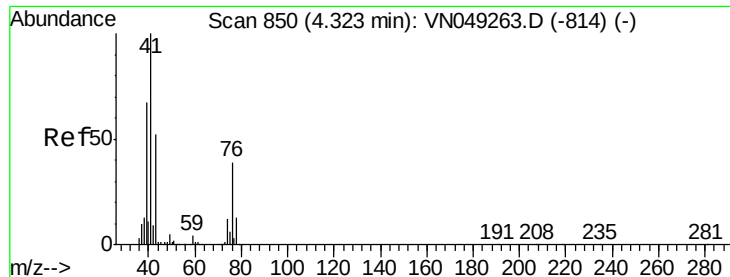
55 45.1 57.1 85.7#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

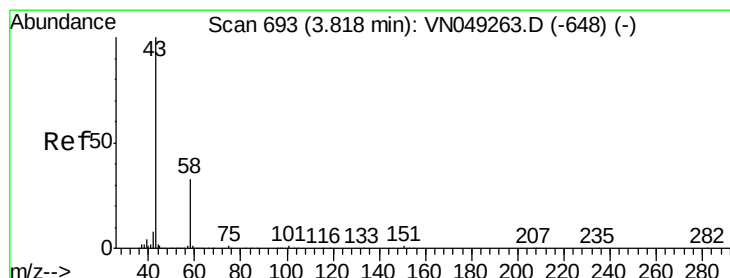
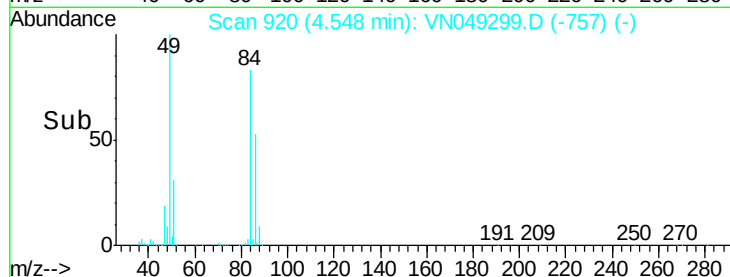
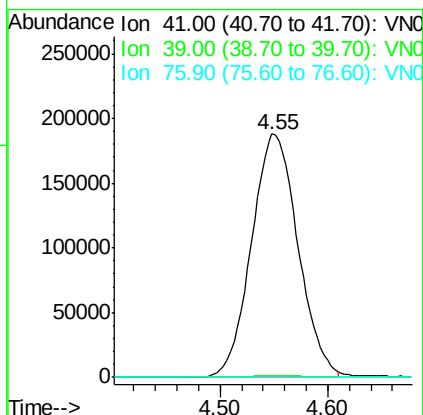
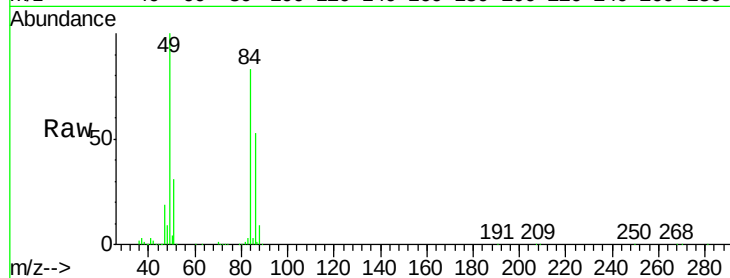




#14
Allvl chloride
Concen: 25.26 ug/l
RT: 4.55 min Scan# 920
Delta R.T. 0.23 min
Lab File: VN049299.D
Acq: 16 Jun 2018 9:26

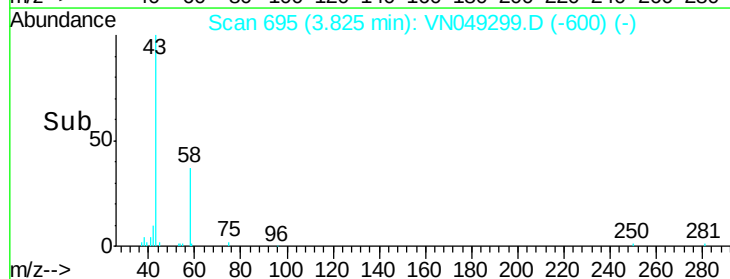
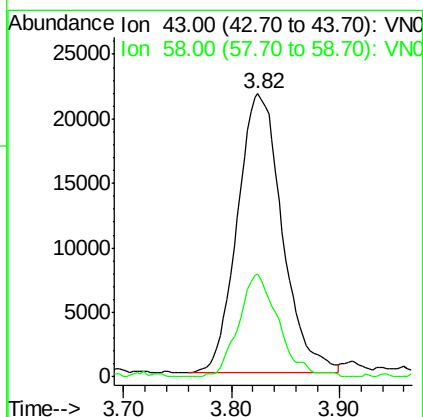
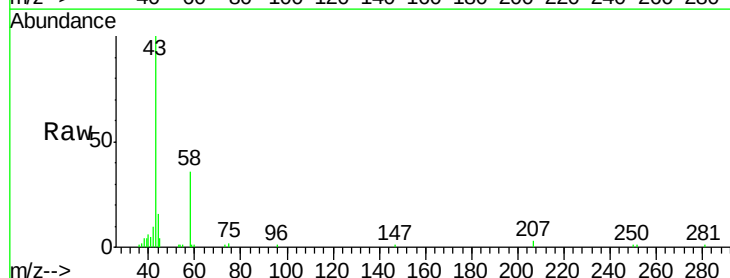
Instrument :
MSVOA_N
ClientSampleId :

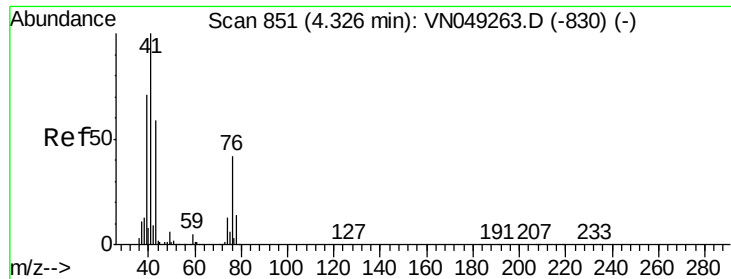
Tot Ion: 41 Resp: 560871
Ion Ratio Lower Upper
41 100
39 1.0 62.5 93.7#
76 0.0 27.1 40.7#



#16
Acetone
Concen: 15.86 ug/l
RT: 3.82 min Scan# 695
Delta R.T. 0.01 min
Lab File: VN049299.D
Acq: 16 Jun 2018 9:26

Tgt Ion: 43 Resp: 62615
Ion Ratio Lower Upper
43 100
58 36.9 22.4 33.6#

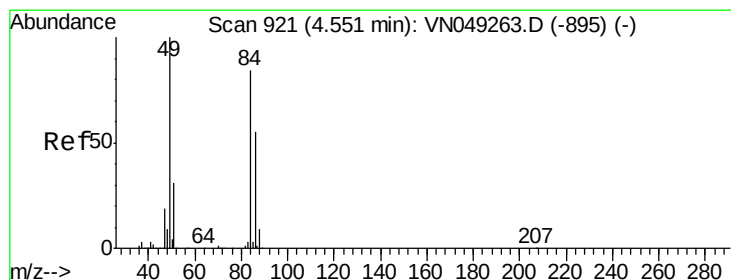
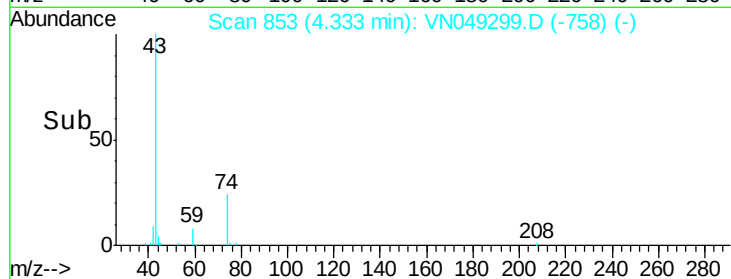
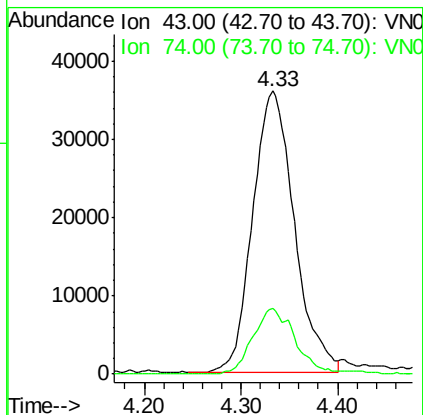
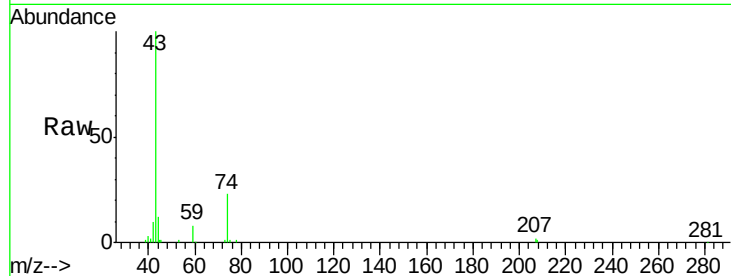




#18
Methvl Acetate
Concen: 8.98 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049299.D
Acq: 16 Jun 2018 9:26

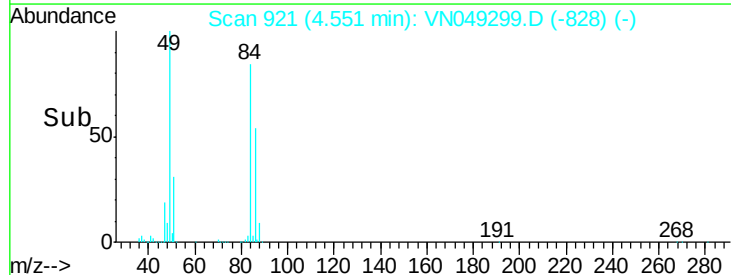
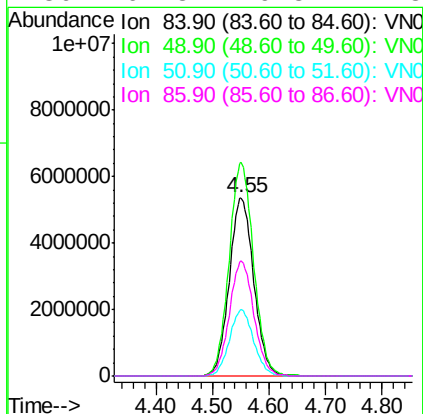
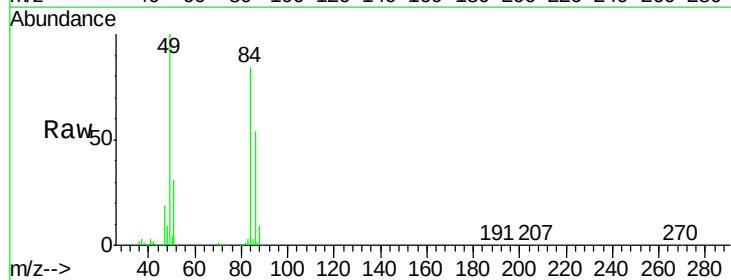
Instrument :
MSVOA_N
ClientSampleId :

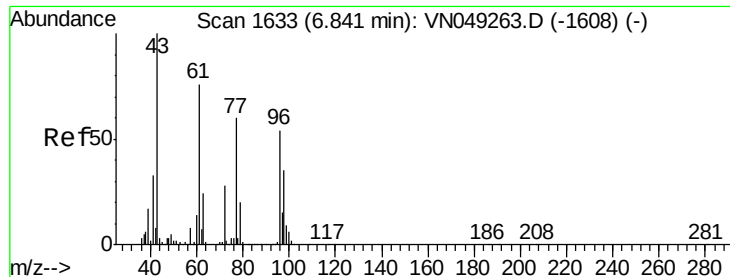
Tot Ion: 43 Resp: 108174
Ion Ratio Lower Upper
43 100
74 23.7 17.4 26.0



#20
Methylene Chloride
Concen: 979.10 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049299.D
Acq: 16 Jun 2018 9:26

Tgt Ion: 84 Resp:16147746
Ion Ratio Lower Upper
84 100
49 119.7 106.9 160.3
51 37.0 32.7 49.1
86 64.3 49.8 74.8





#25

2-Butanone

Concen: 3.20 ug/l

RT: 6.85 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VN049299.D

Acq: 16 Jun 2018 9:26

Instrument :

MSVOA_N

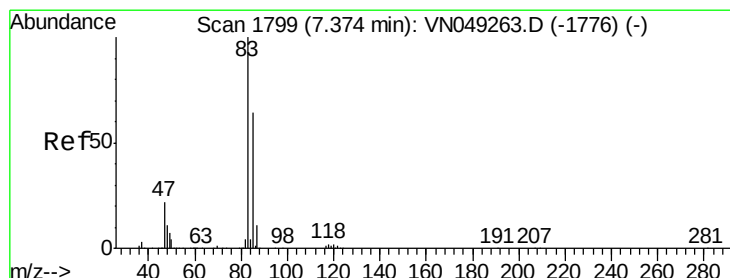
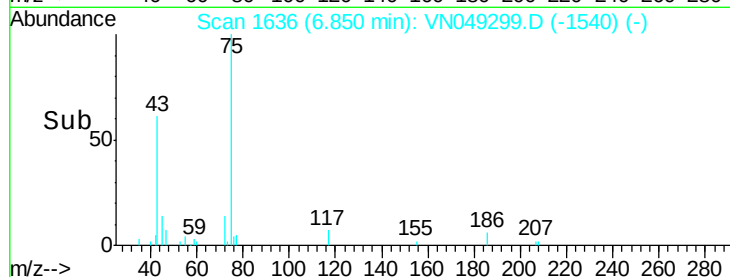
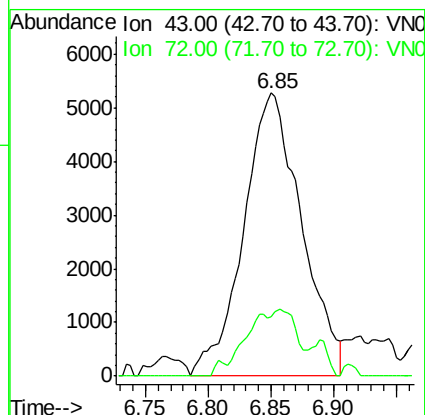
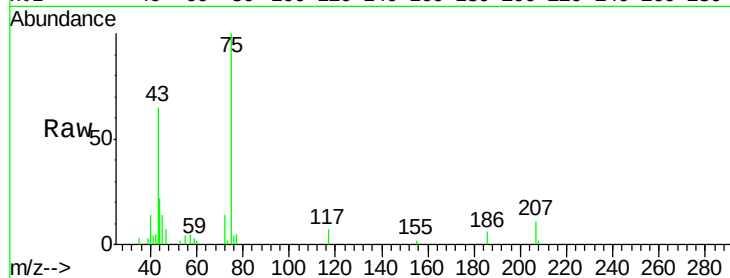
ClientSampled :

Tot Ion: 43 Resp: 16966

Ion Ratio Lower Upper

43 100

72 21.0 20.2 30.2



#30

Chloroform

Concen: 0.85 ug/l

RT: 7.37 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VN049299.D

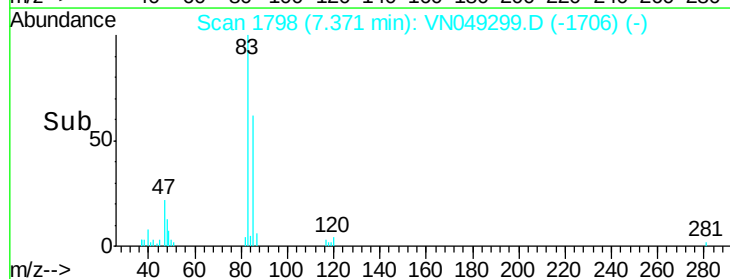
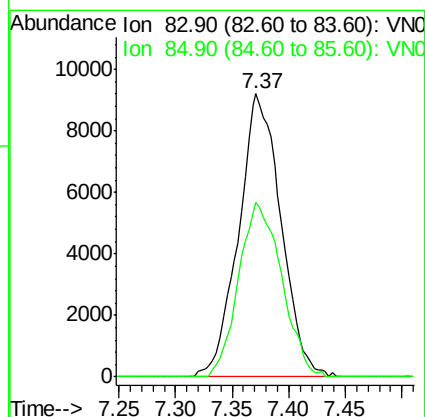
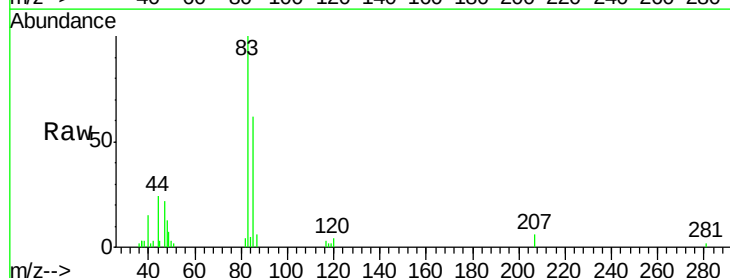
Acq: 16 Jun 2018 9:26

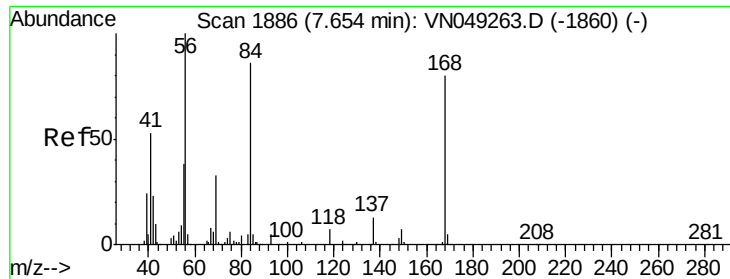
Tgt Ion: 83 Resp: 23968

Ion Ratio Lower Upper

83 100

85 61.7 51.7 77.5

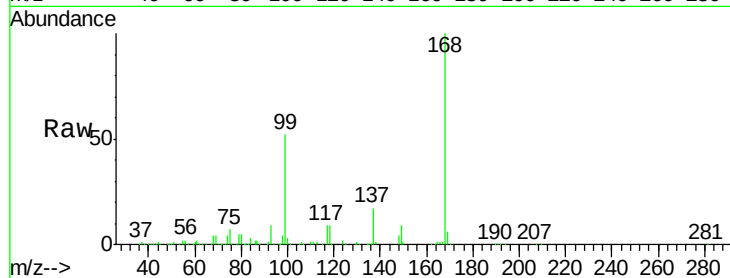




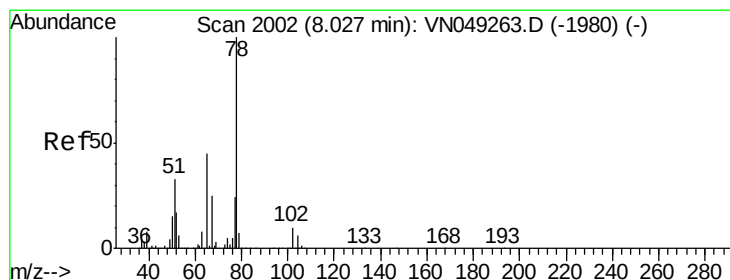
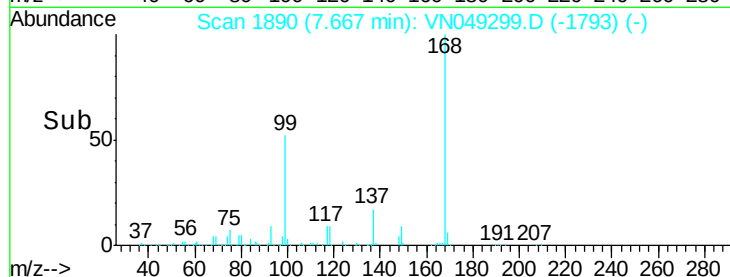
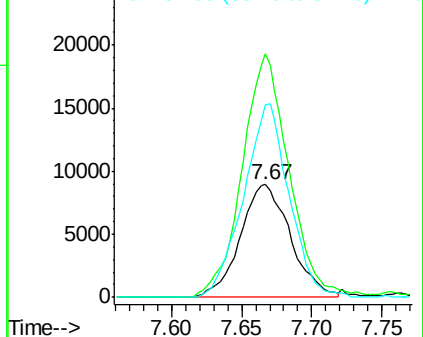
#31
Cyclohexane
Concen: 0.75 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN049299.D
Acq: 16 Jun 2018 9:26

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 22227
Ion Ratio Lower Upper
56 100
69 215.4 25.0 37.4#
84 170.1 64.6 96.8#

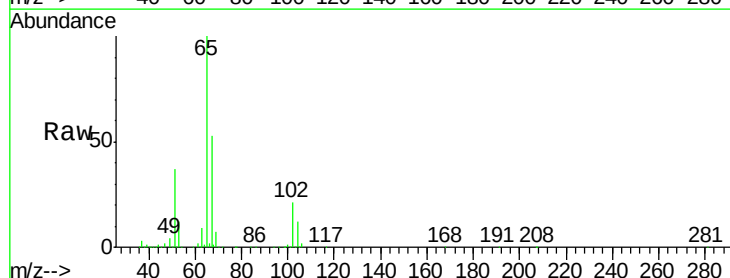


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

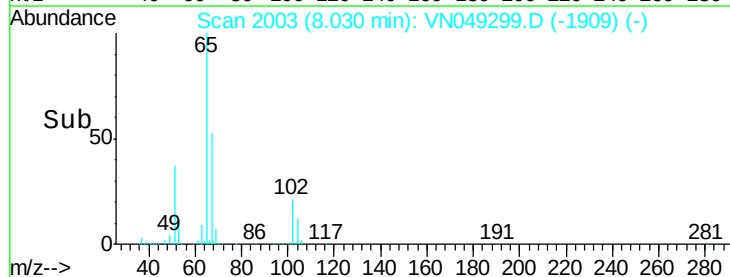
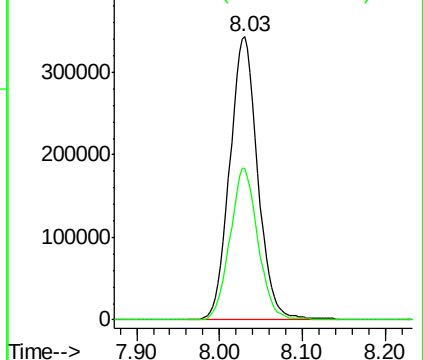


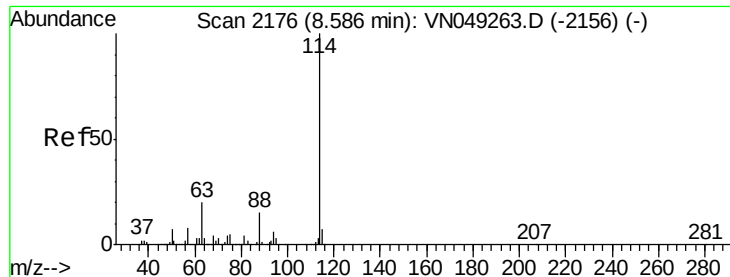
#33
1,2-Dichloroethane-d4
Concen: 49.75 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049299.D
Acq: 16 Jun 2018 9:26

Tgt Ion: 65 Resp: 809083
Ion Ratio Lower Upper
65 100
67 53.4 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

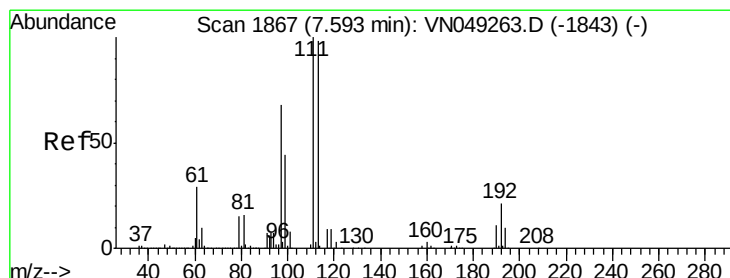
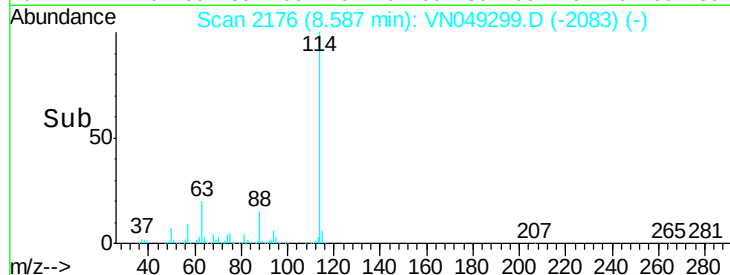
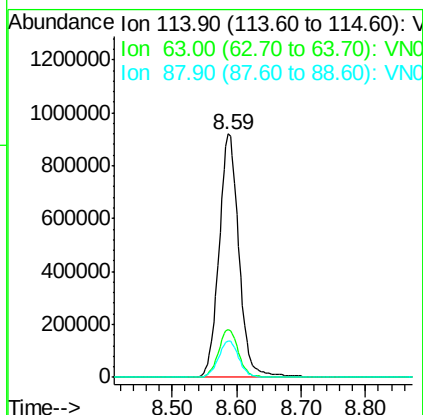
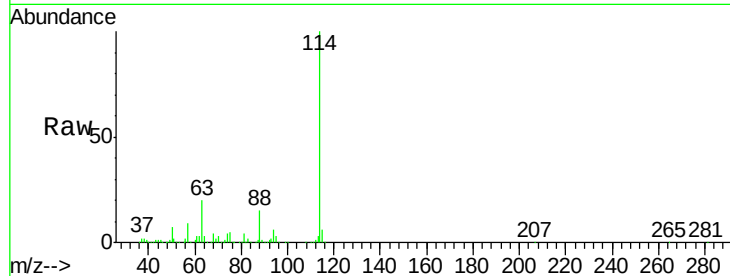




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049299.D
 Acq: 16 Jun 2018 9:26

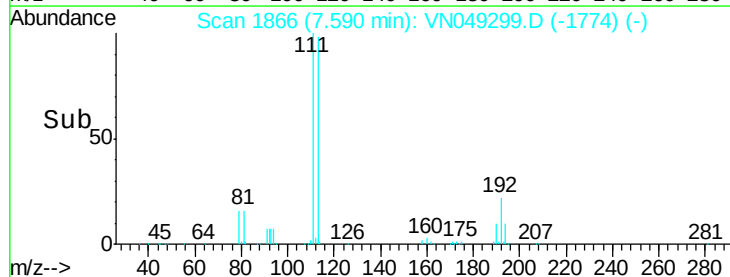
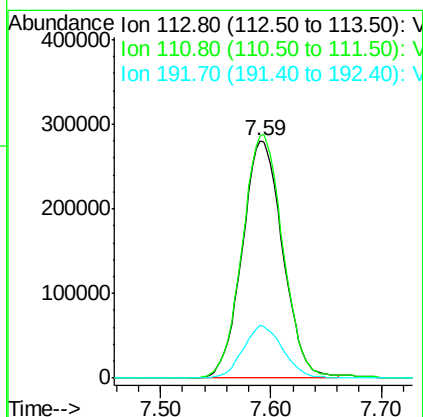
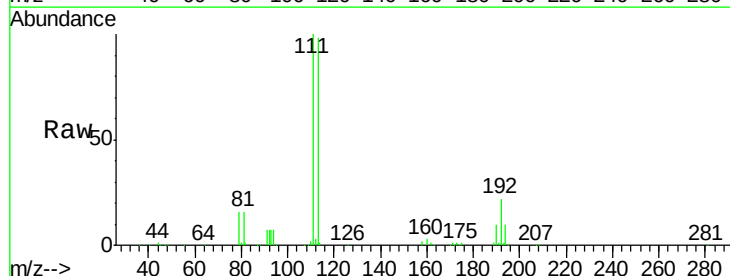
Instrument :
 MSVOA_N
 ClientSampleId :

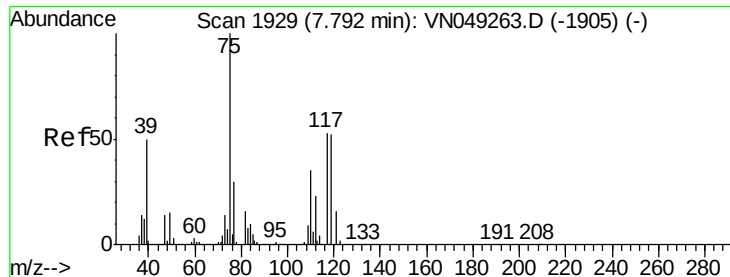
Tot Ion:114 Resp: 1961078
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 44.4
 88 15.0 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 44.96 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN049299.D
 Acq: 16 Jun 2018 9:26

Tgt Ion:113 Resp: 713274
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.4 123.6
 192 21.8 15.0 22.6





#36

1,1-Dichloropropene

Concen: 3.82 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.13 min

Lab File: VN049299.D

Acq: 16 Jun 2018 9:26

Instrument :
MSVOA_N
ClientSampled :

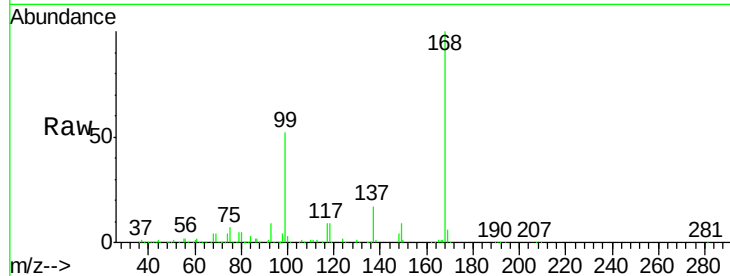
Tot Ion: 75 Resp: 85897

Ion Ratio Lower Upper

75 100

110 8.6 17.0 50.9#

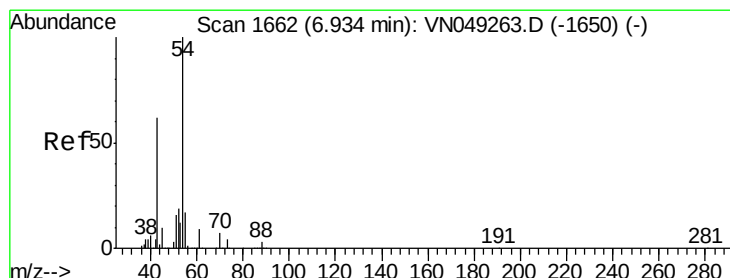
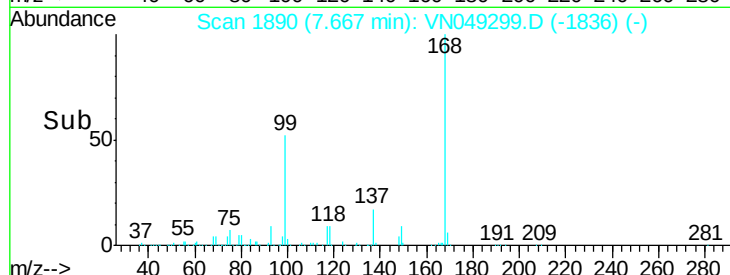
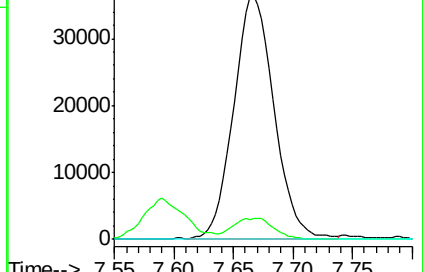
77 0.0 24.4 36.6#



Abundance Ion 74.90 (74.60 to 75.60): VN049299.D (-1836) (-)

Ion 109.90 (109.60 to 110.60): VN049299.D (-1836) (-)

Ion 76.90 (76.60 to 77.60): VN049299.D (-1836) (-)



#37

Ethyl Acetate

Concen: 1.39 ug/l

RT: 6.85 min Scan# 1636

Delta R.T. -0.08 min

Lab File: VN049299.D

Acq: 16 Jun 2018 9:26

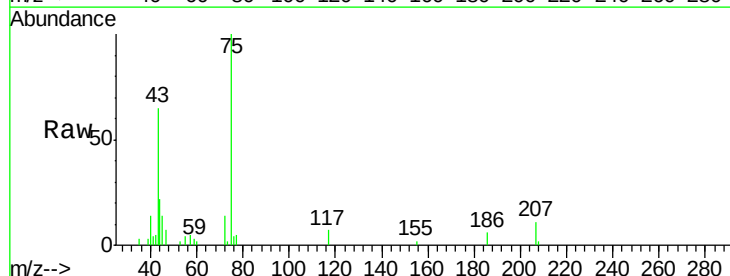
Tgt Ion: 43 Resp: 16966

Ion Ratio Lower Upper

43 100

61 0.9 11.0 16.4#

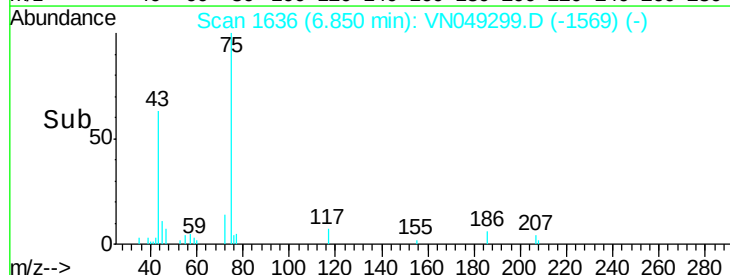
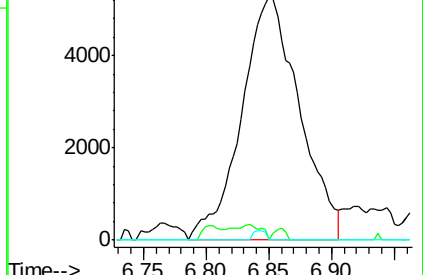
70 0.8 7.2 10.8#

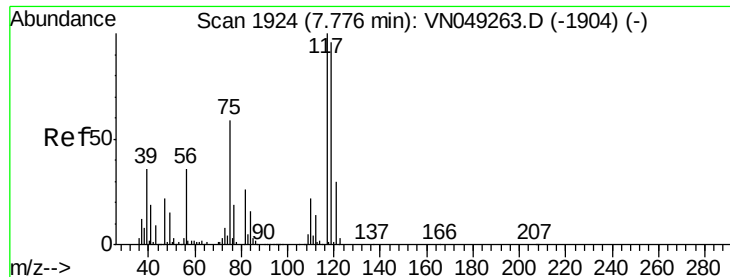


Abundance Ion 43.00 (42.70 to 43.70): VN049299.D (-1569) (-)

Ion 60.90 (60.60 to 61.60): VN049299.D (-1569) (-)

Ion 70.00 (69.70 to 70.70): VN049299.D (-1569) (-)





#38

Carbon Tetrachloride

Concen: 4.73 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN049299.D

Acq: 16 Jun 2018 9:26

Instrument :

MSVOA_N

ClientSampleId :

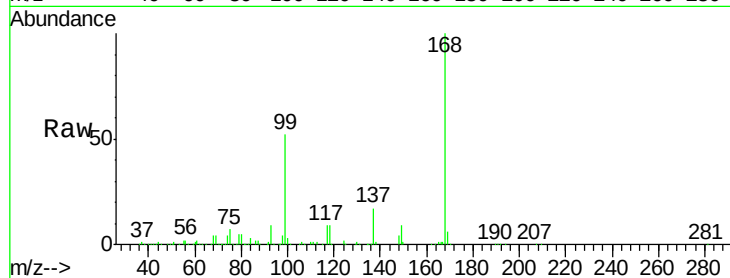
Tot Ion:117 Resp: 110112

Ion Ratio Lower Upper

117 100

119 5.5 75.6 113.4#

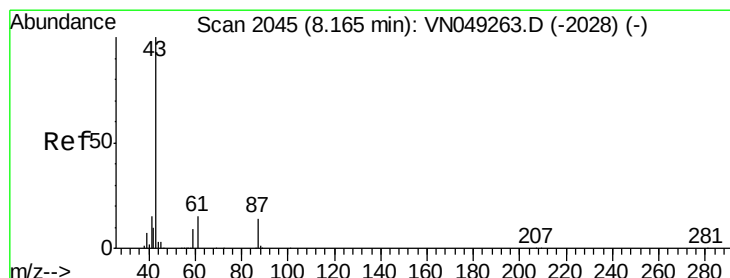
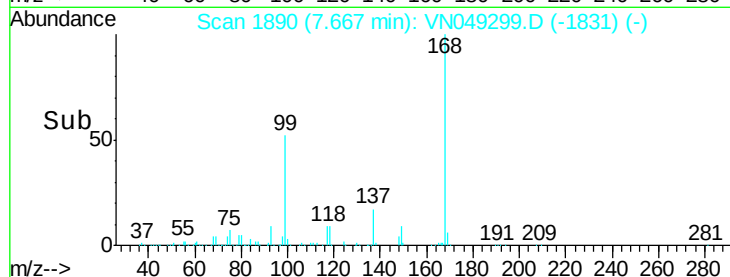
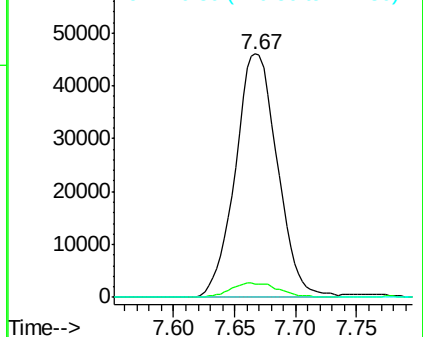
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 19.42 ug/l

RT: 8.21 min Scan# 2059

Delta R.T. 0.05 min

Lab File: VN049299.D

Acq: 16 Jun 2018 9:26

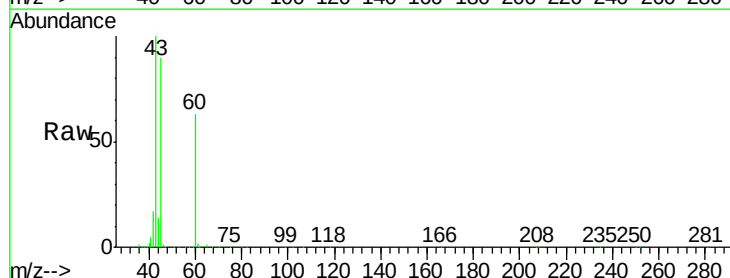
Tgt Ion: 43 Resp: 453344

Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.4#

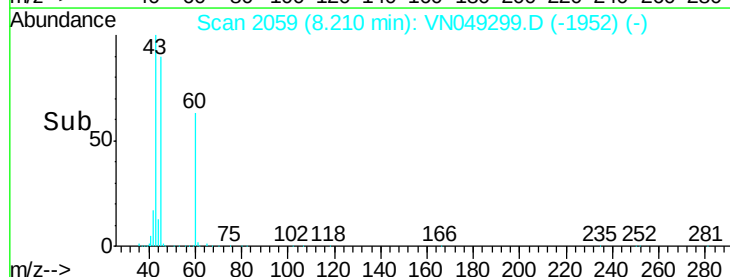
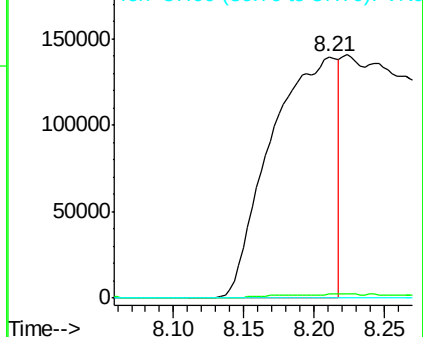
87 0.0 9.4 14.0#

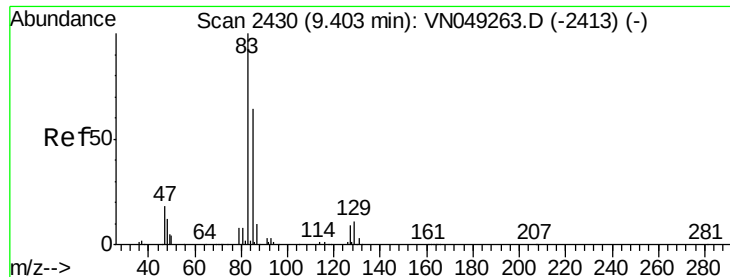


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#47

Bromodichloromethane

Concen: 0.38 ug/l

RT: 9.40 min Scan# 2430

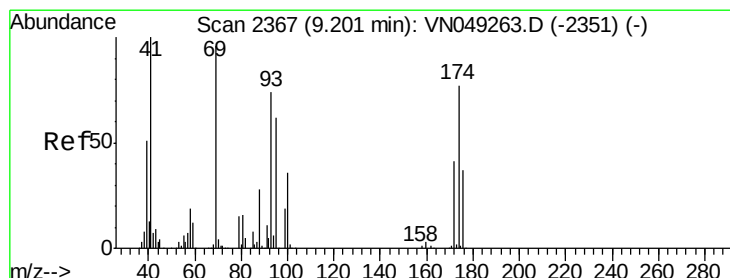
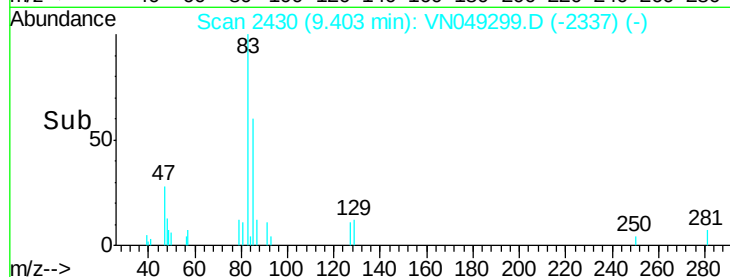
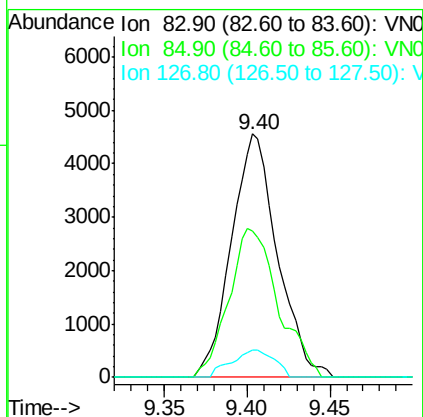
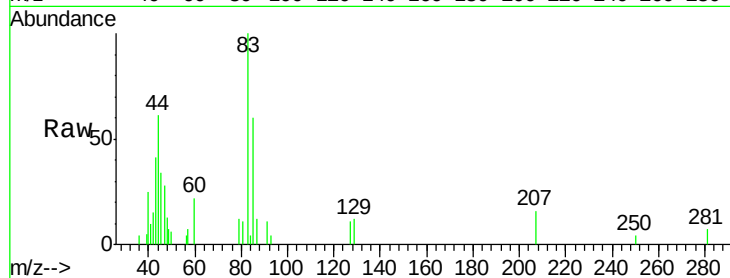
Delta R.T. 0.00 min

Lab File: VN049299.D

Acq: 16 Jun 2018 9:26

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	83	Resp:	8774
Ion	Ratio	Lower	Upper
83	100		
85	60.1	49.4	74.0
127	11.4	6.3	9.5#



#49

1,4-Dioxane

Concen: 1.02 ug/l

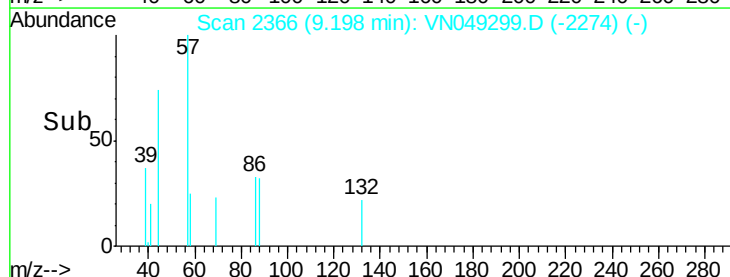
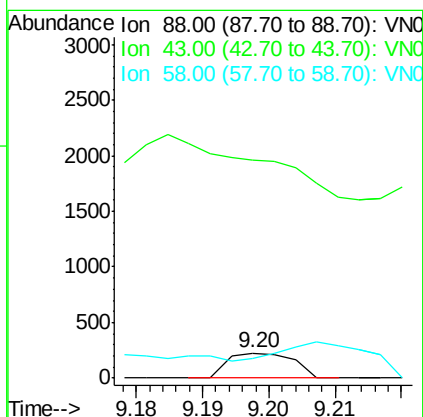
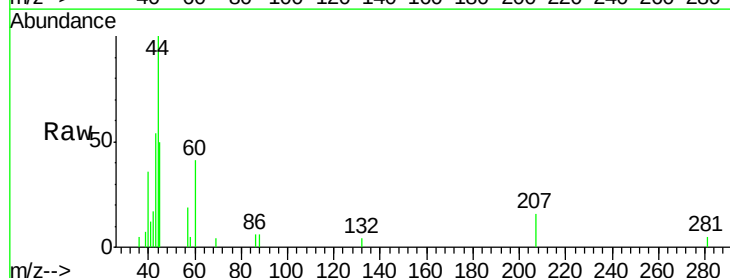
RT: 9.20 min Scan# 2366

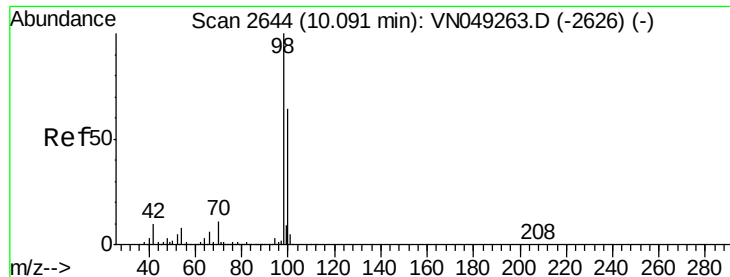
Delta R.T. -0.00 min

Lab File: VN049299.D

Acq: 16 Jun 2018 9:26

Tgt Ion:	88	Resp:	155
Ion	Ratio	Lower	Upper
88	100		
43	0.0	30.9	46.3#
58	220.6	58.9	88.3#

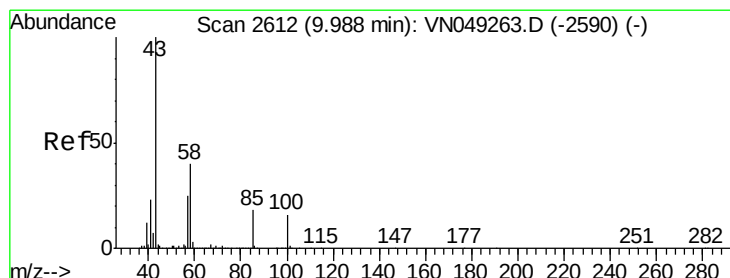
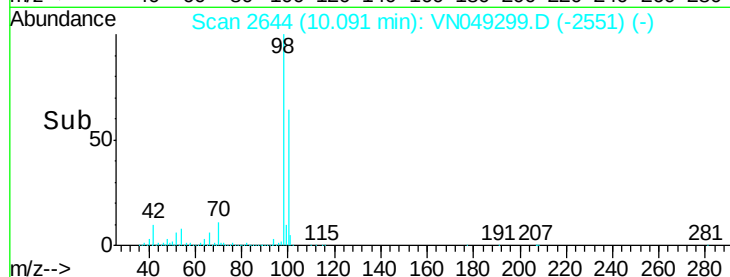
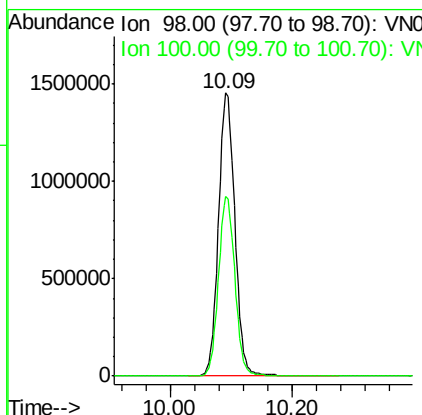
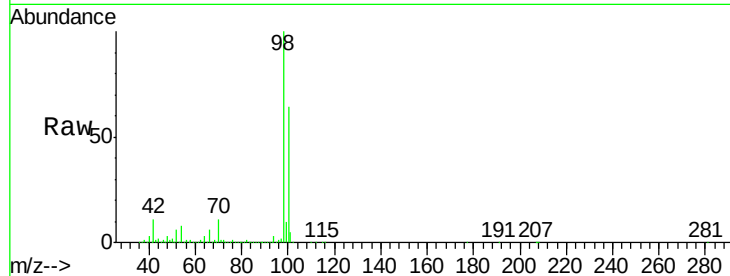




#50
Toluene-d8
Concen: 44.72 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049299.D
Acq: 16 Jun 2018 9:26

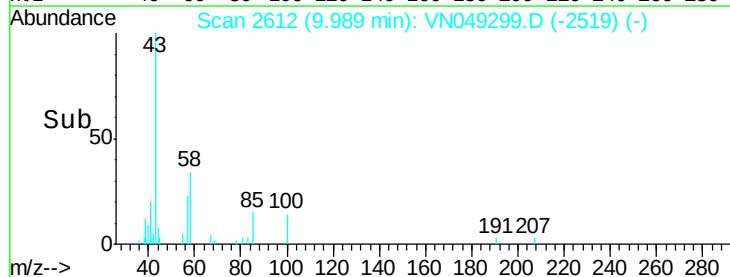
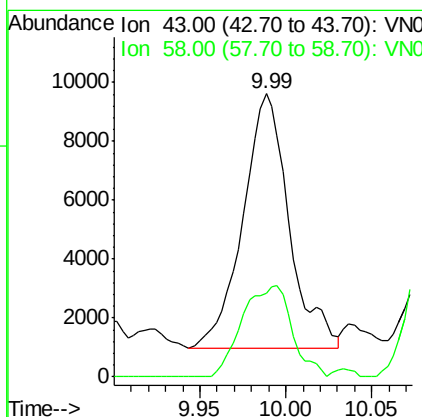
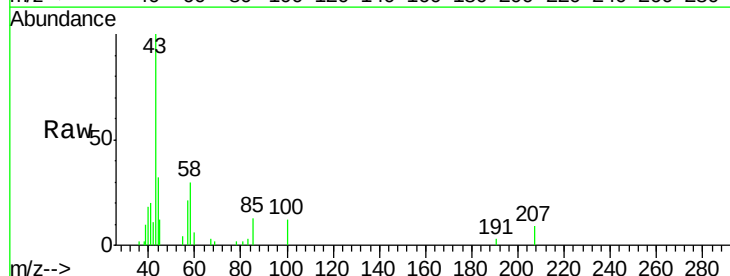
Instrument :
MSVOA_N
ClientSampleId :

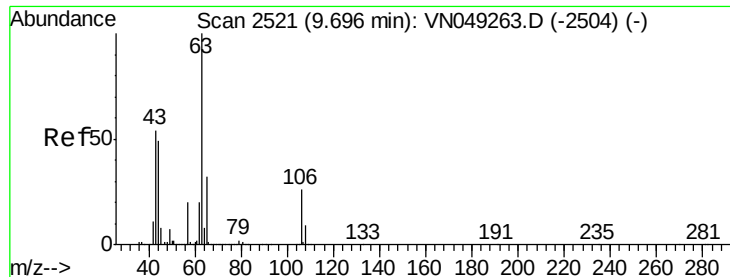
Tot Ion: 98 Resp: 2701400
Ion Ratio Lower Upper
98 100
100 63.5 49.8 74.8



#51
4-Methyl-2-Pentanone
Concen: 1.32 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN049299.D
Acq: 16 Jun 2018 9:26

Tgt Ion: 43 Resp: 16105
Ion Ratio Lower Upper
43 100
58 38.7 29.0 43.6





#58

2-Chloroethyl Vinyl ether

Concen: 14.34 ug/l

RT: 9.51 min Scan# 2462

Delta R.T. -0.19 min

Lab File: VN049299.D

Acq: 16 Jun 2018 9:26

Instrument :

MSVOA_N

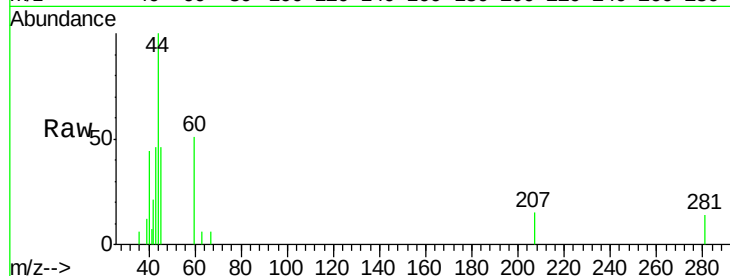
ClientSampleId :

Tot Ion: 63 Resp: 63

Ion Ratio Lower Upper

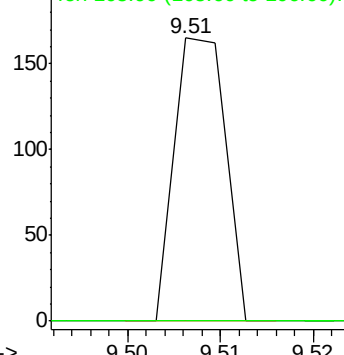
63 100

106 0.0 19.4 29.2#

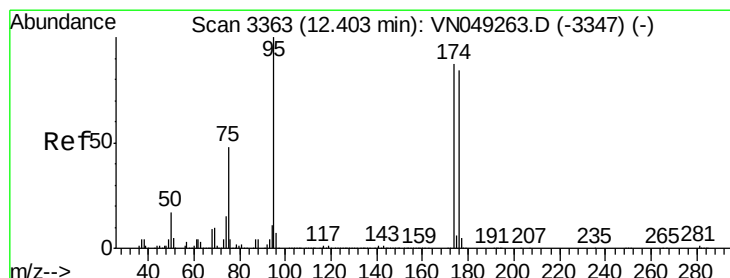
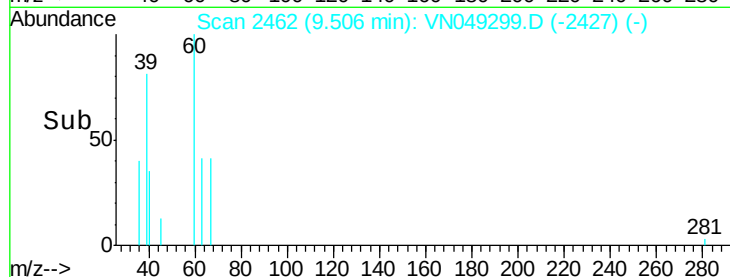


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V



Time-->



#62

4-Bromofluorobenzene

Concen: 34.76 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049299.D

Acq: 16 Jun 2018 9:26

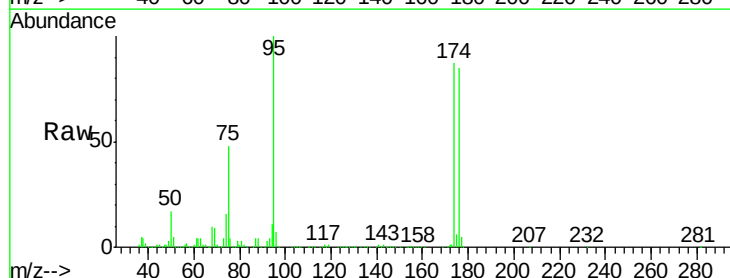
Tgt Ion: 95 Resp: 694403

Ion Ratio Lower Upper

95 100

174 88.2 0.0 165.6

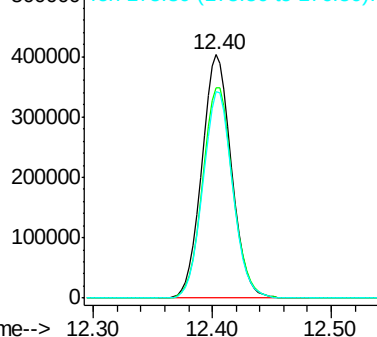
176 85.2 0.0 157.4



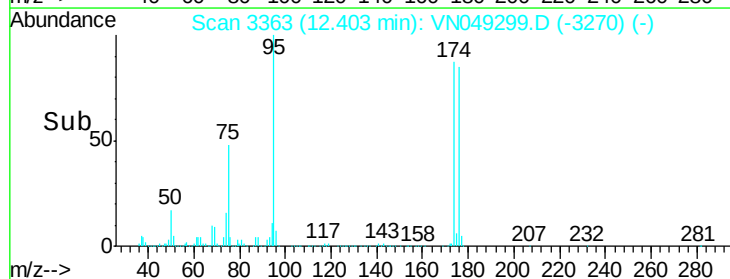
Abundance Ion 94.90 (94.60 to 95.60): VN0

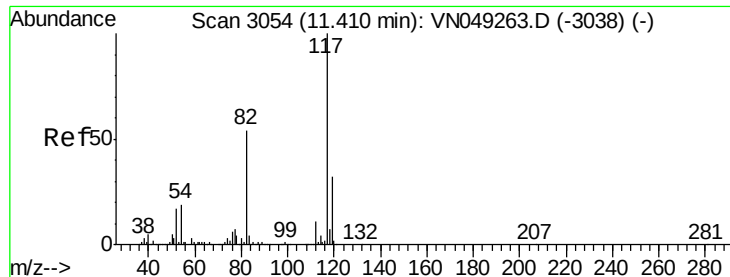
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

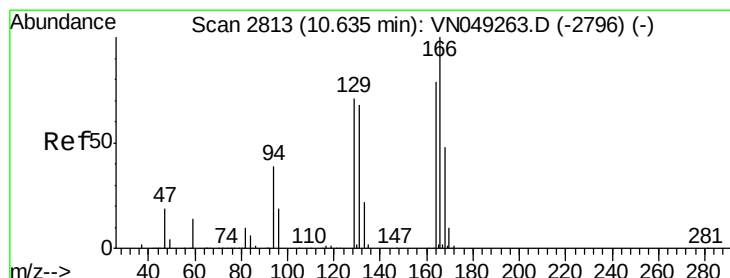
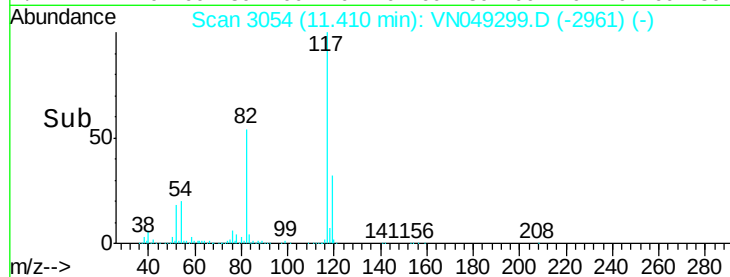
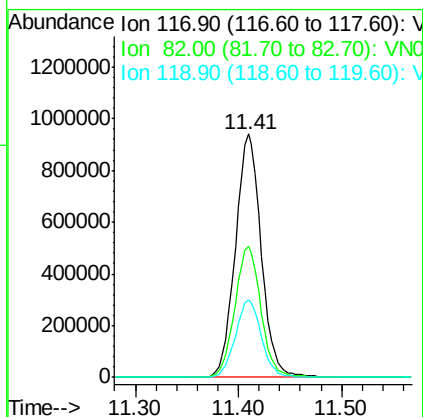
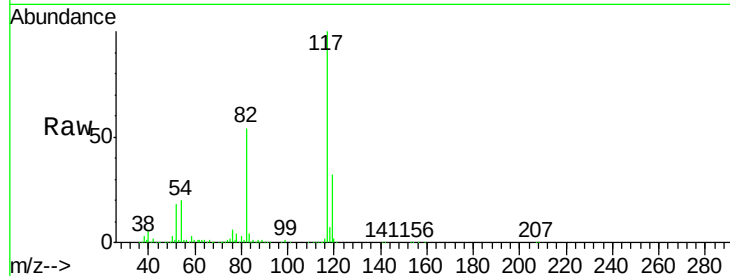




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049299.D
Acq: 16 Jun 2018 9:26

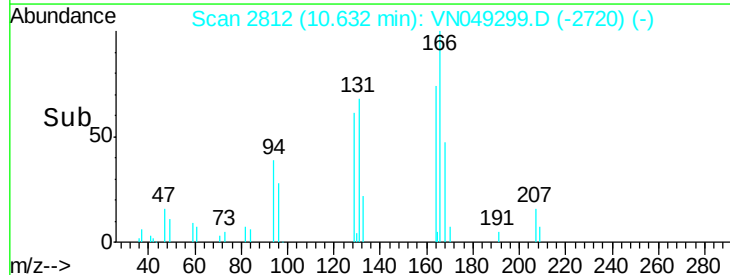
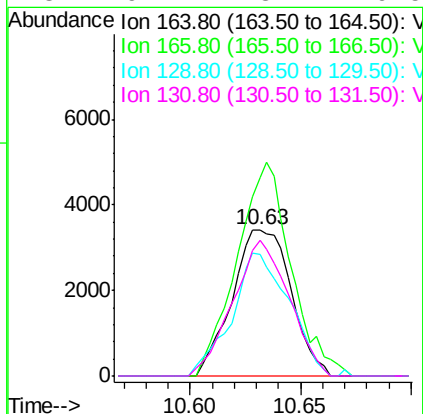
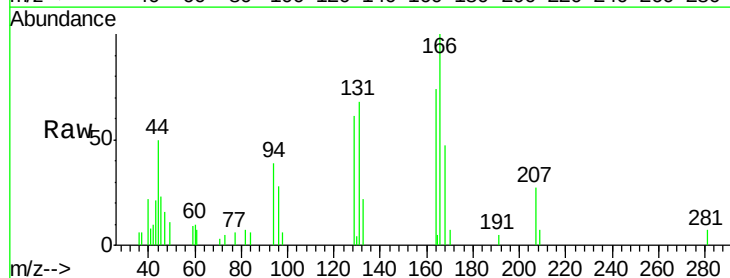
Instrument :
MSVOA_N
ClientSampleId :

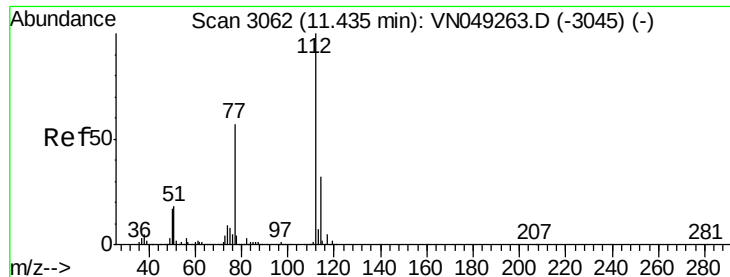
Tot Ion:117 Resp: 1638269
Ion Ratio Lower Upper
117 100
82 53.9 45.9 68.9
119 31.8 25.5 38.3



#64
Tetrachloroethene
Concen: 0.38 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN049299.D
Acq: 16 Jun 2018 9:26

Tgt Ion:164 Resp: 6315
Ion Ratio Lower Upper
164 100
166 135.4 101.4 152.2
129 83.0 74.1 111.1
131 92.4 73.7 110.5





#65

Chlorobenzene

Concen: 0.26 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049299.D

Acq: 16 Jun 2018 9:26

Instrument :

MSVOA_N

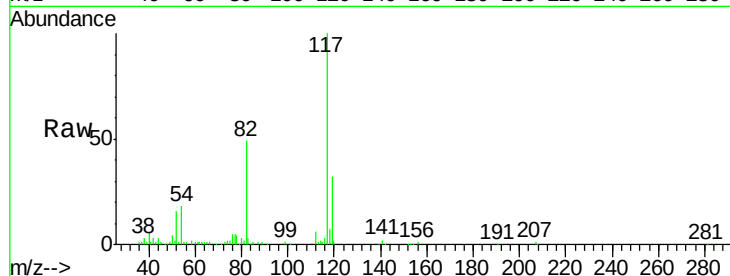
ClientSampleId :

Tot Ion:112 Resp: 11156

Ion Ratio Lower Upper

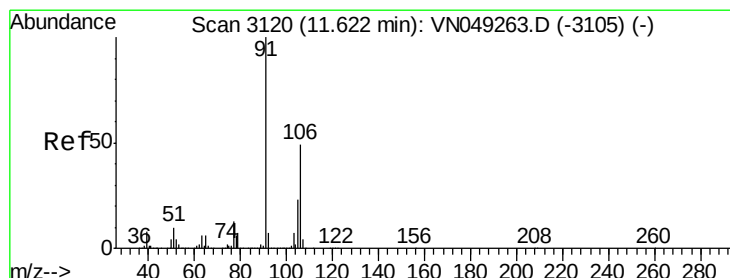
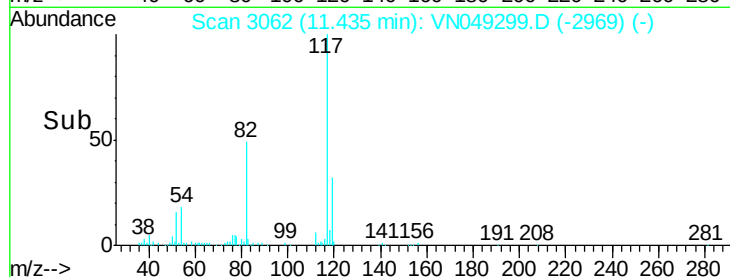
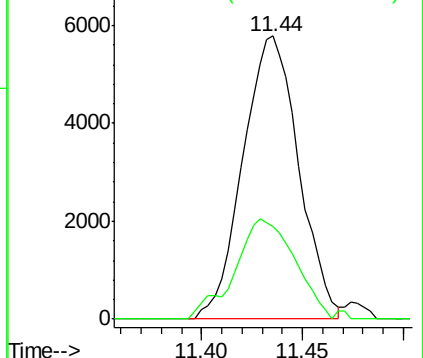
112 100

114 32.5 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#68

m/p-Xylenes

Concen: 0.28 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN049299.D

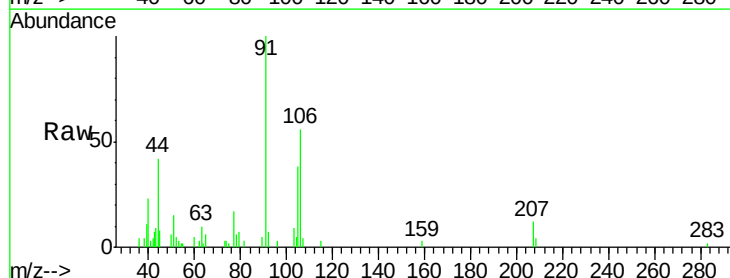
Acq: 16 Jun 2018 9:26

Tgt Ion:106 Resp: 7388

Ion Ratio Lower Upper

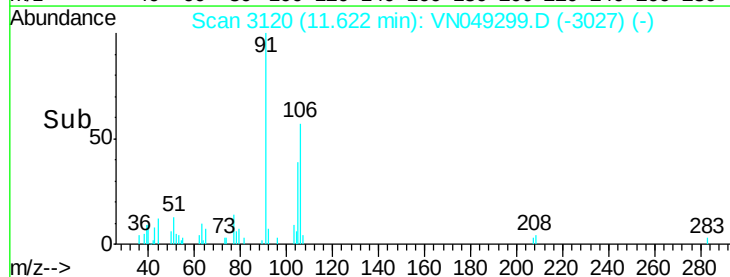
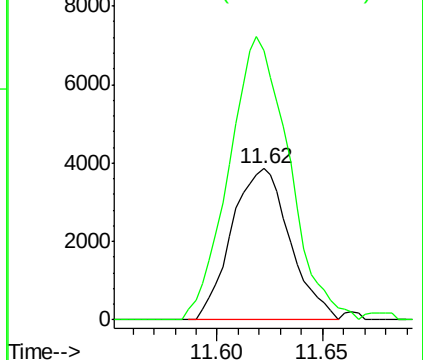
106 100

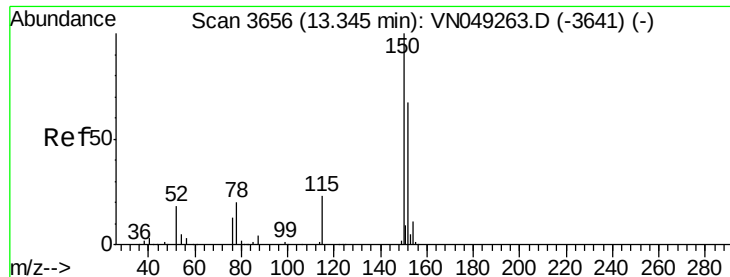
91 192.8 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049299.D

Acq: 16 Jun 2018 9:26

Instrument :

MSVOA_N

ClientSampled :

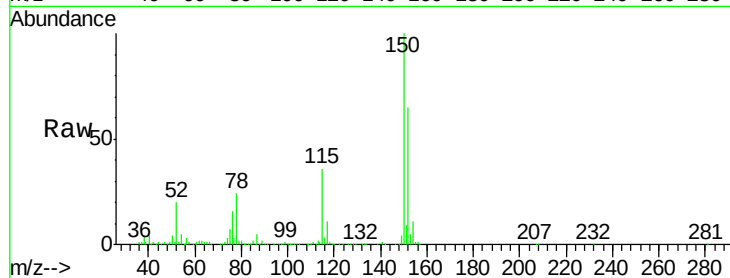
Tot Ion:152 Resp: 474534

Ion Ratio Lower Upper

152 100

115 57.8 28.7 86.1

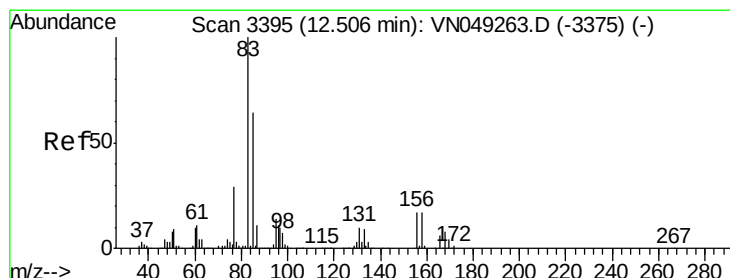
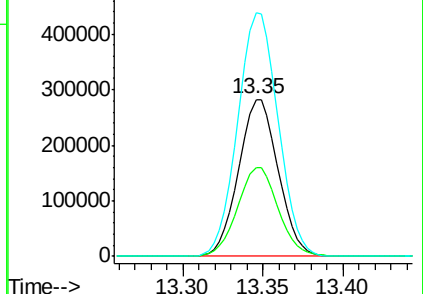
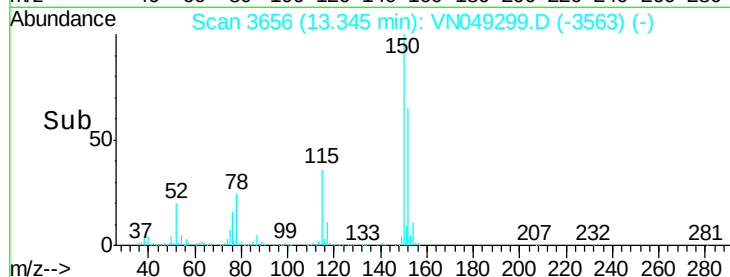
150 159.0 0.0 351.0



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: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049299.D

Acq: 16 Jun 2018 9:26

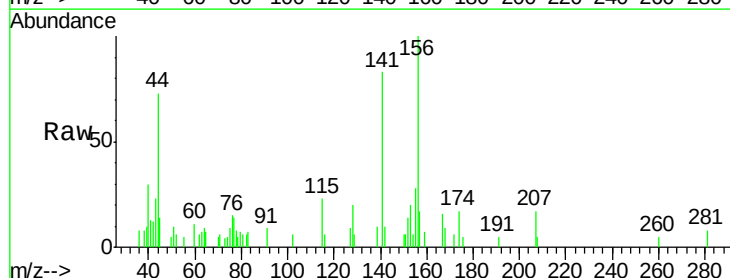
Tgt Ion: 83 Resp: 148

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

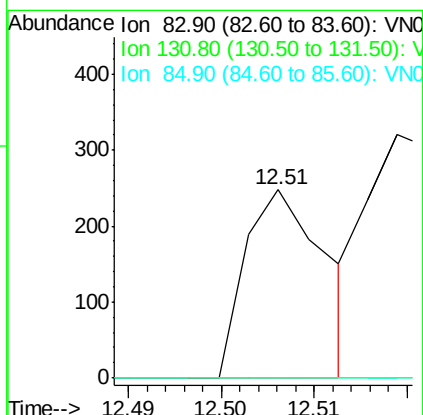
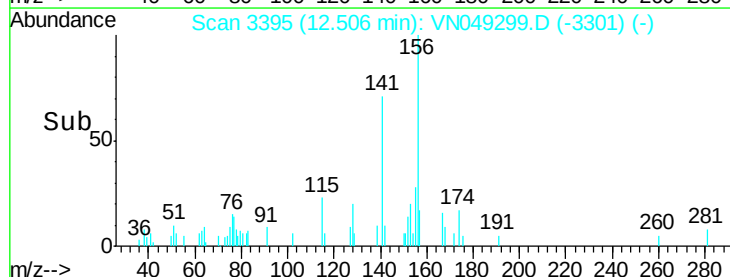
85 0.0 32.0 96.0#

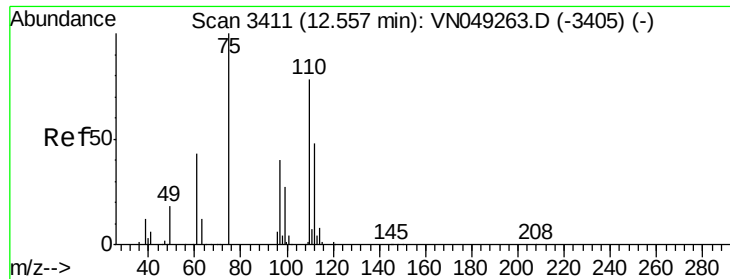


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 41.40 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049299.D

Acq: 16 Jun 2018 9:26

Instrument :

MSVOA_N

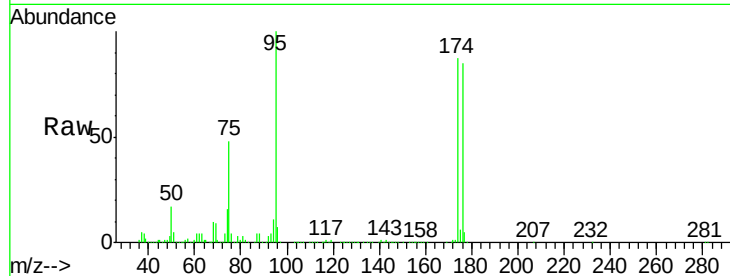
ClientSampled :

Tot Ion: 75 Resp: 335223

Ion Ratio Lower Upper

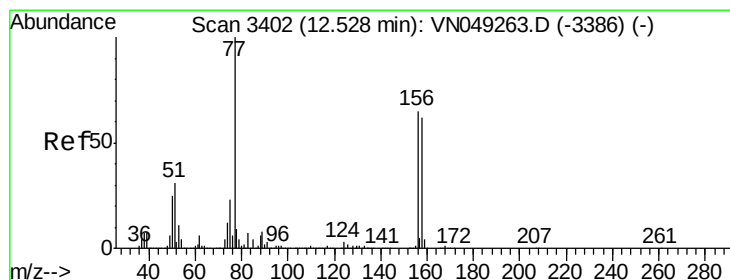
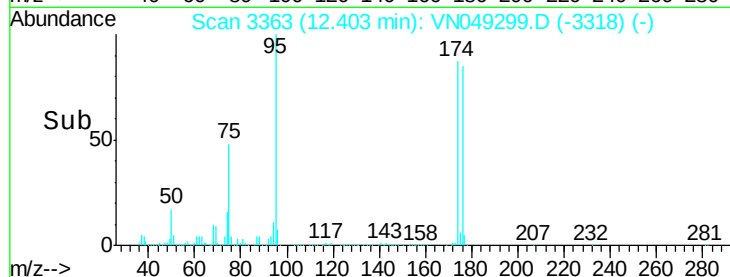
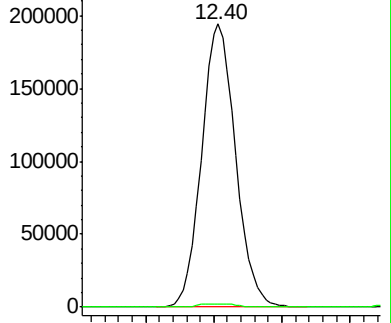
75 100

77 0.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#77

Bromobenzene

Concen: 9.33 ug/l

RT: 12.59 min Scan# 3421

Delta R.T. 0.06 min

Lab File: VN049299.D

Acq: 16 Jun 2018 9:26

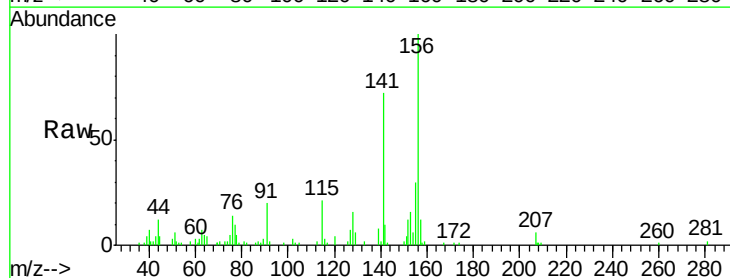
Tgt Ion: 156 Resp: 102698

Ion Ratio Lower Upper

156 100

77 0.0 100.8 302.4#

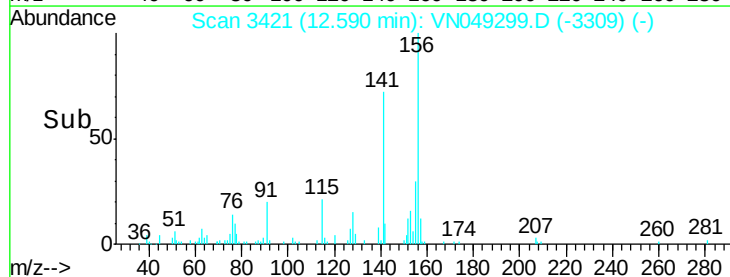
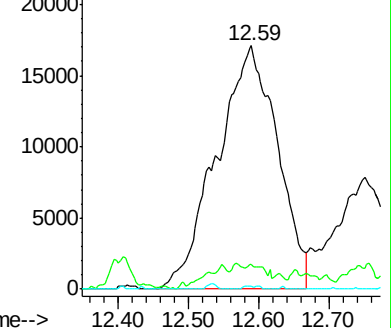
158 0.2 49.3 147.9#

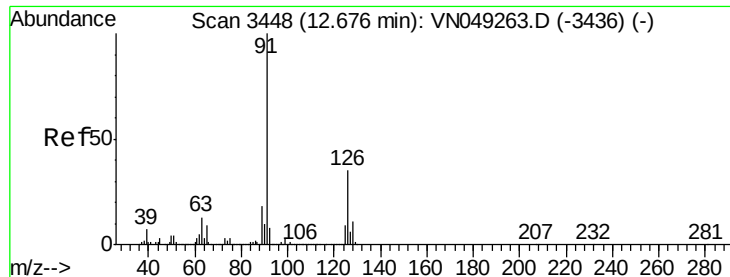


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V

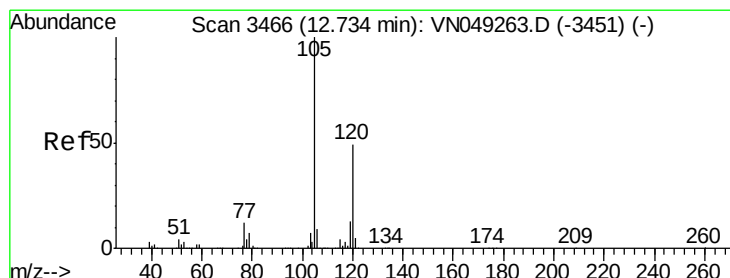
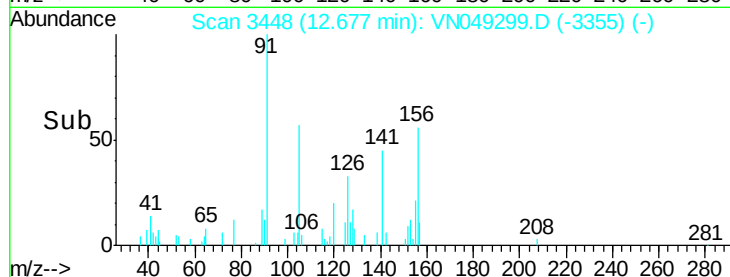
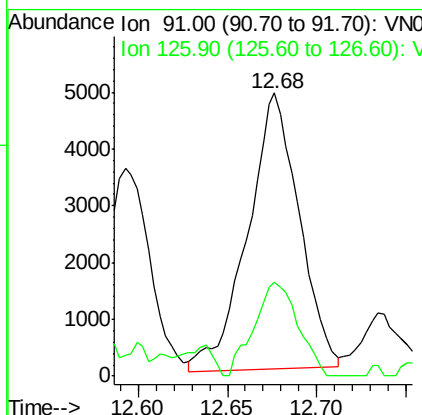
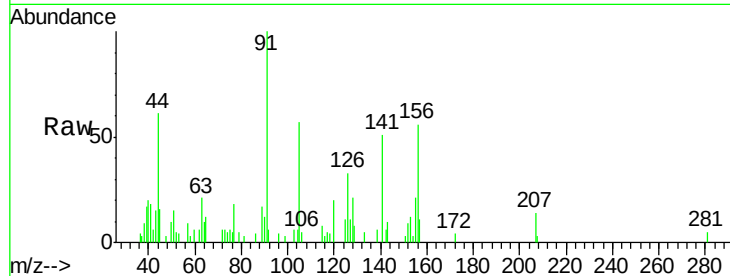




#79
 2-Chlorotoluene
 Concen: 0.34 ug/l
 RT: 12.68 min Scan# 3448
 Delta R.T. 0.00 min
 Lab File: VN049299.D
 Acq: 16 Jun 2018 9:26

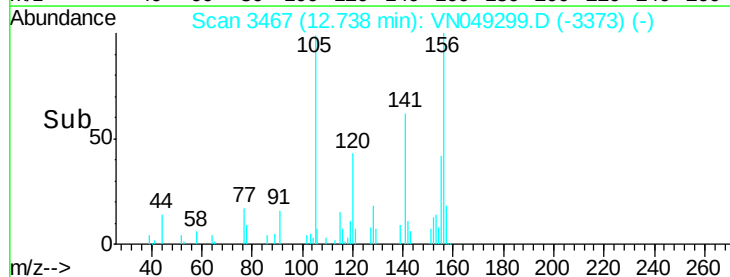
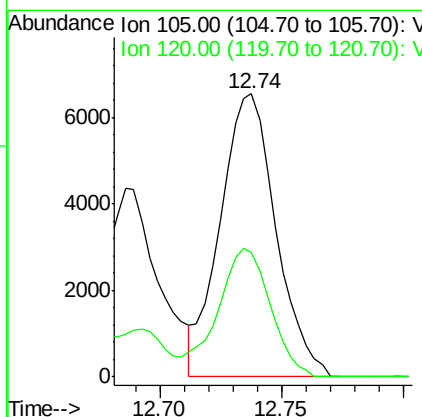
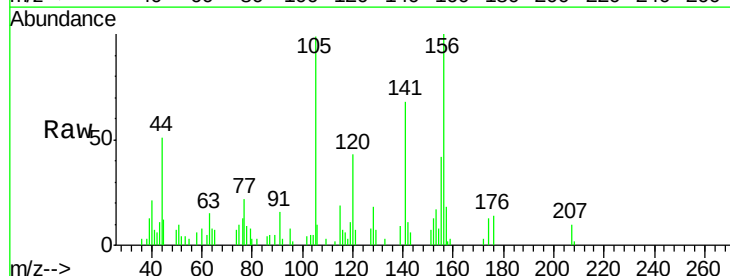
Instrument :
 MSVOA_N
 ClientSampled :

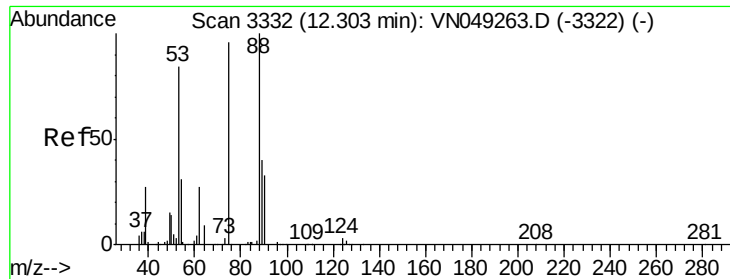
Tot Ion: 91 Resp: 9766
 Ion Ratio Lower Upper
 91 100
 126 29.1 16.6 49.8



#80
 1,3,5-Trimethylbenzene
 Concen: 0.32 ug/l
 RT: 12.74 min Scan# 3467
 Delta R.T. 0.00 min
 Lab File: VN049299.D
 Acq: 16 Jun 2018 9:26

Tgt Ion: 105 Resp: 10365
 Ion Ratio Lower Upper
 105 100
 120 43.1 23.5 70.5





#81

trans-1,4-Dichloro-2-butene

Concen: 130.85 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049299.D

Acq: 16 Jun 2018 9:26

Instrument :

MSVOA_N

ClientSampleId :

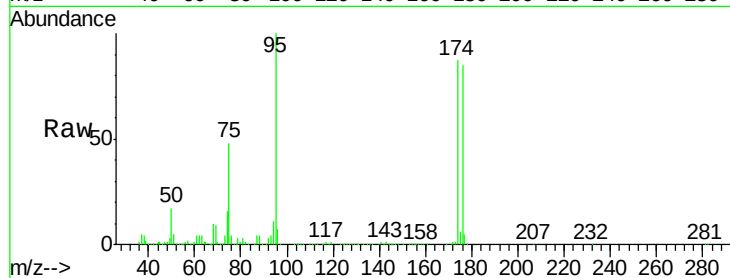
Tot Ion: 75 Resp: 335223

Ion Ratio Lower Upper

75 100

53 0.3 82.7 124.1#

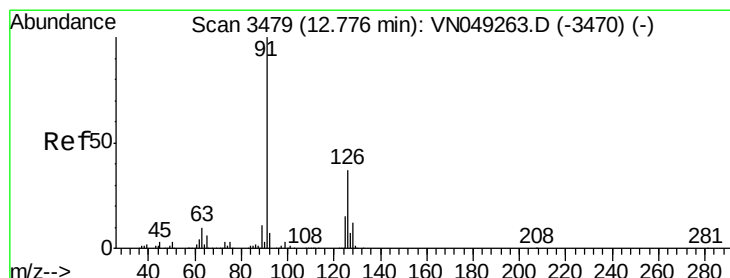
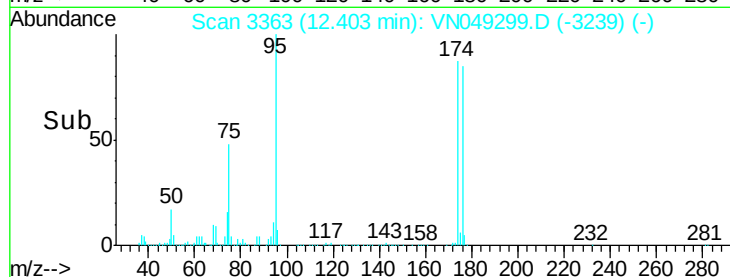
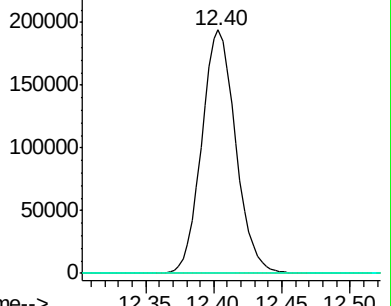
89 0.0 36.5 54.7#



Abundance Ion 74.90 (74.60 to 75.60): VN049299.D (-3363) (-)

Ion 53.00 (52.70 to 53.70): VN049299.D (-3363) (-)

Ion 88.90 (88.60 to 89.60): VN049299.D (-3363) (-)



#82

4-Chlorotoluene

Concen: 0.35 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. -0.10 min

Lab File: VN049299.D

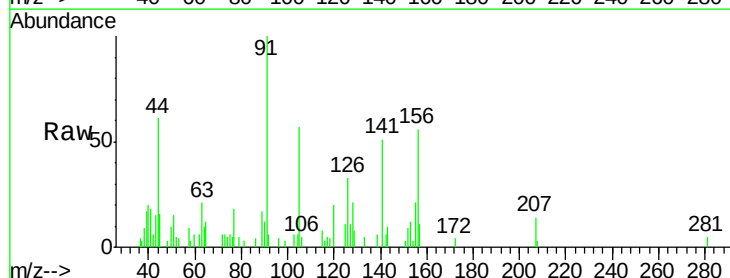
Acq: 16 Jun 2018 9:26

Tgt Ion: 91 Resp: 9766

Ion Ratio Lower Upper

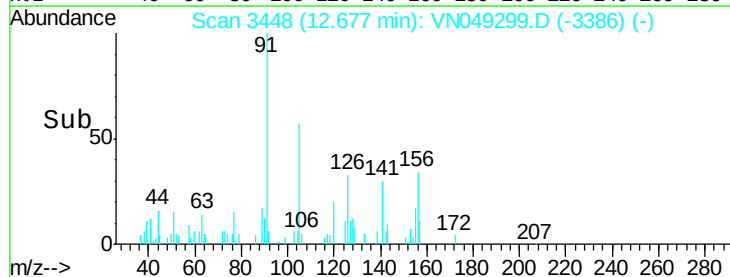
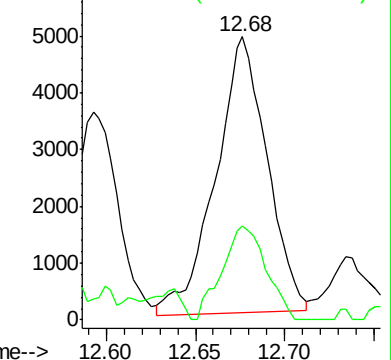
91 100

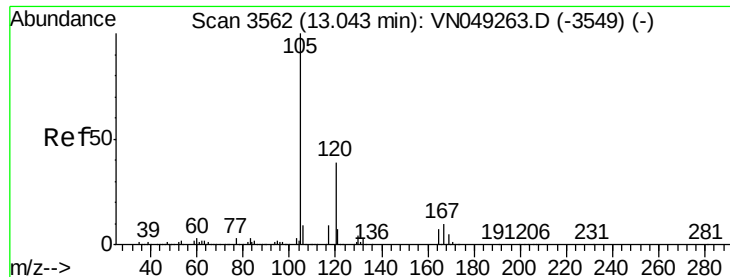
126 29.1 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN049299.D (-3448) (-)

Ion 125.90 (125.60 to 126.60): VN049299.D (-3448) (-)

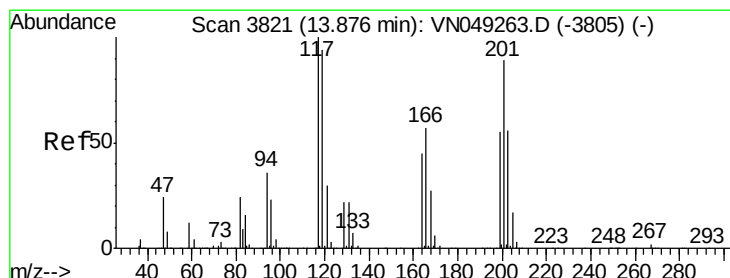
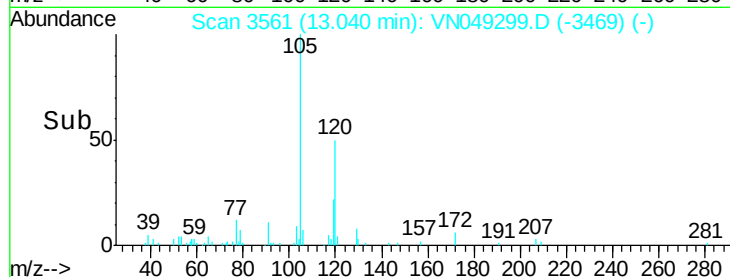
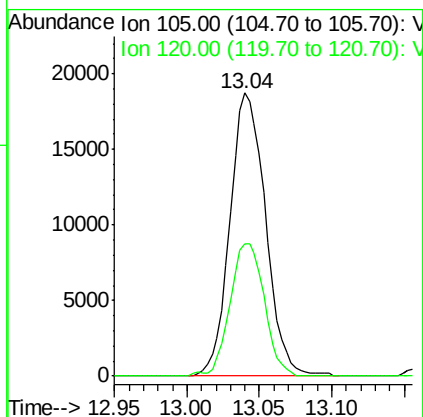
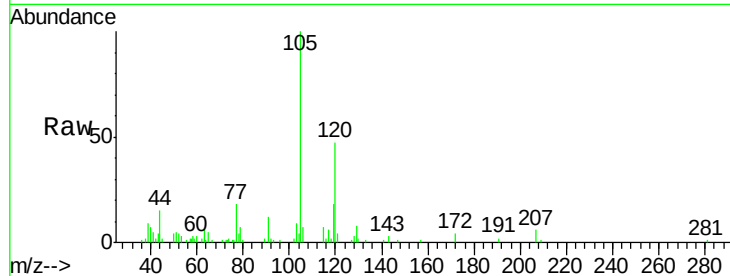




#84
 1,2,4-Trimethylbenzene
 Concen: 0.98 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. -0.00 min
 Lab File: VN049299.D
 Acq: 16 Jun 2018 9:26

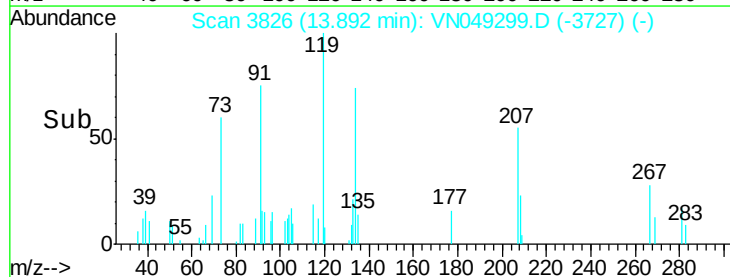
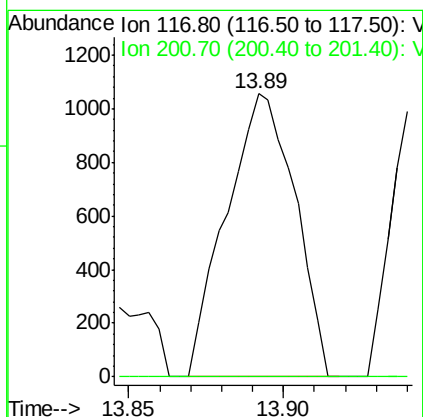
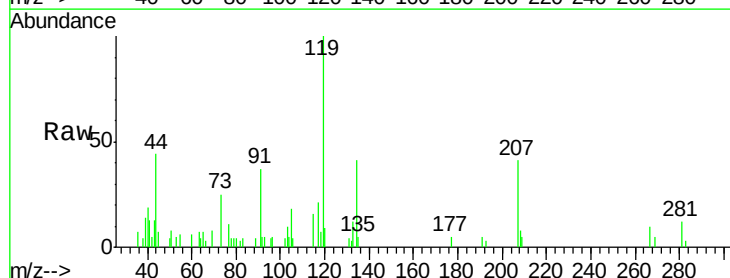
Instrument :
 MSVOA_N
 ClientSampled :

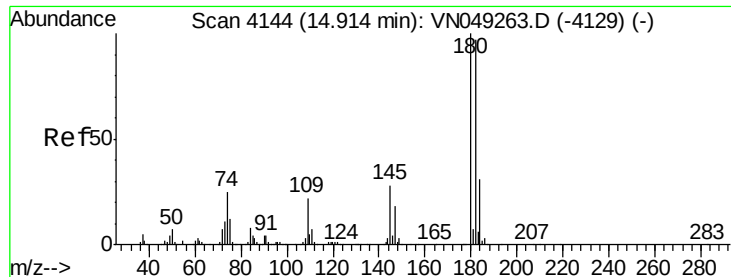
Tot Ion:105 Resp: 31999
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.2 66.6



#90
 Hexachloroethane
 Concen: Below Cal
 RT: 13.89 min Scan# 3826
 Delta R.T. 0.02 min
 Lab File: VN049299.D
 Acq: 16 Jun 2018 9:26

Tgt Ion:117 Resp: 1635
 Ion Ratio Lower Upper
 117 100
 201 0.0 40.1 120.2#

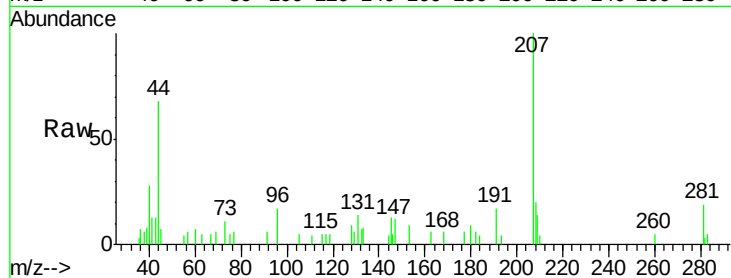




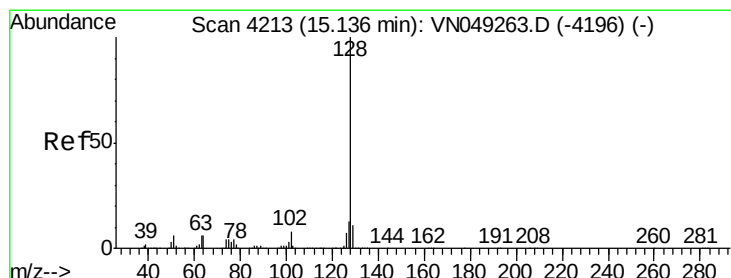
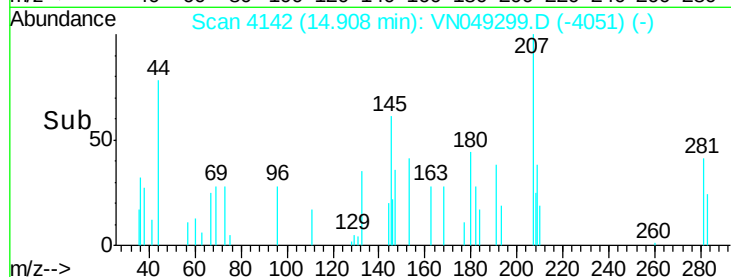
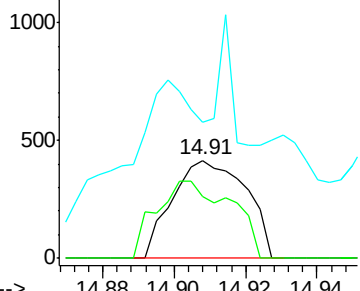
#93
 1,2,4-Trichlorobenzene
 Concen: 4.81 ug/l
 RT: 14.91 min Scan# 4142
 Delta R.T. -0.01 min
 Lab File: VN049299.D
 Acq: 16 Jun 2018 9:26

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 593
 Ion Ratio Lower Upper
 180 100
 182 0.0 46.9 140.8#
 145 25.8 14.7 44.1

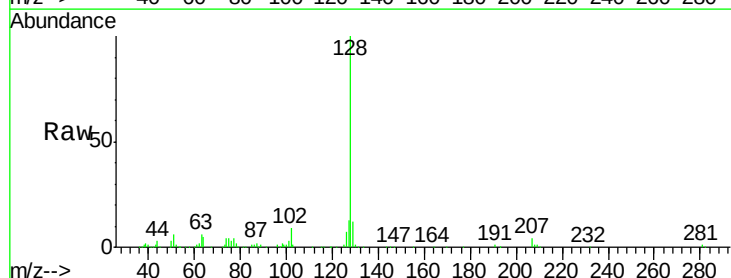


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

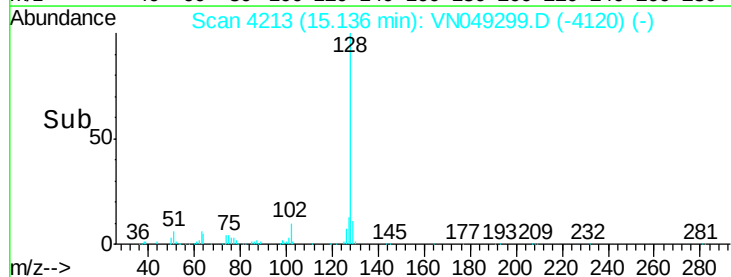
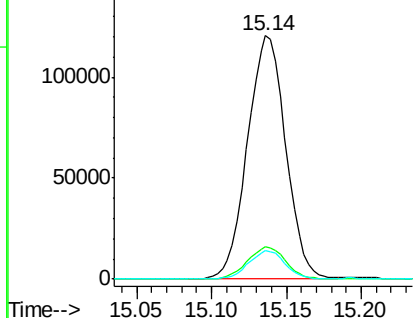


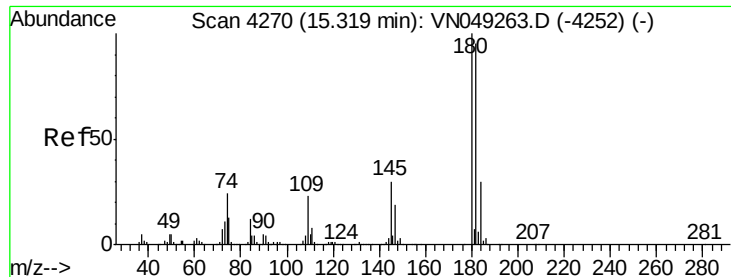
#95
 Naphthalene
 Concen: 17.60 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN049299.D
 Acq: 16 Jun 2018 9:26

Tgt Ion:128 Resp: 213472
 Ion Ratio Lower Upper
 128 100
 127 13.4 10.6 16.0
 129 11.4 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: 15.33 min Scan# 4272
 Delta R.T. 0.01 min
 Lab File: VN049299.D
 Acq: 16 Jun 2018 9:26

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	36.6	47.3	141.8#
145	352.1	15.6	46.7#

