

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061918\
 Data File : VN049427.D
 Acq On : 20 Jun 2018 10:02
 Operator : MD\SY
 Sample : J3573-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 20 11:14:59 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	1141463	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1857607	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1503549	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	510835	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	764304	50.48	ug/l	0.00
Spiked Amount			Recovery	=	100.96%	
35) Dibromofluoromethane	7.59	113	689037	45.85	ug/l	0.00
Spiked Amount			Recovery	=	91.70%	
50) Toluene-d8	10.09	98	2491306	43.54	ug/l	0.00
Spiked Amount			Recovery	=	87.08%	
62) 4-Bromofluorobenzene	12.40	95	662797	35.03	ug/l	0.00
Spiked Amount			Recovery	=	70.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.57	94	2543	0.268	ug/l #	81
11) Tert butyl alcohol	4.74	59	2503	2.817	ug/l #	70
13) Acrolein	3.61	56	664	0.713	ug/l #	54
14) Allyl chloride	4.55	41	77205	3.736	ug/l #	20
16) Acetone	3.82	43	58915	16.027	ug/l	92
17) Carbon Disulfide	4.05	76	51907	1.265	ug/l	99
18) Methyl Acetate	4.33	43	105940	9.452	ug/l	97
20) Methylene Chloride	4.55	84	2235248	145.593	ug/l	91
25) 2-Butanone	6.85	43	13067	2.647	ug/l	91
30) Chloroform	7.38	83	16356	0.622	ug/l	87
31) Cyclohexane	7.67	56	21000	0.764	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	82241	3.863	ug/l #	50
37) Ethyl Acetate	6.85	43	13067	1.129	ug/l #	80
38) Carbon Tetrachloride	7.67	117	103993	4.718	ug/l #	17
43) Isopropyl Acetate	8.22	43	395022	17.863	ug/l #	64
47) Bromodichloromethane	9.40	83	7493	0.344	ug/l	98
49) 1,4-Dioxane	9.20	88	180	1.252	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	3181	0.274	ug/l #	55
52) Toluene	10.16	92	8540	0.223	ug/l	91
65) Chlorobenzene	11.43	112	11445	0.295	ug/l	89
68) m/p-Xylenes	11.62	106	8828	0.366	ug/l	96
71) Bromoform	12.40	173	5568	0.590	ug/l #	1
73) Isopropylbenzene	12.25	105	11610	0.259	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.54	83	64	Below Cal	#	79
76) 1,2,3-Trichloropropane	12.40	75	322624	37.015	ug/l #	100
78) n-propylbenzene	12.59	91	26355	0.535	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	11427	0.324	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	322624	116.986	ug/l #	8
84) 1,2,4-Trimethylbenzene	13.04	105	36527	1.043	ug/l	100
85) sec-Butylbenzene	13.17	105	15507	0.373	ug/l #	73
89) n-Butylbenzene	13.62	91	7358	0.271	ug/l #	75
90) Hexachloroethane	13.89	117	6920	Below Cal	#	9
92) 1,2-Dibromo-3-Chloropropan	14.26	75	389	0.249	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.91	180	1711	4.920	ug/l #	1

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

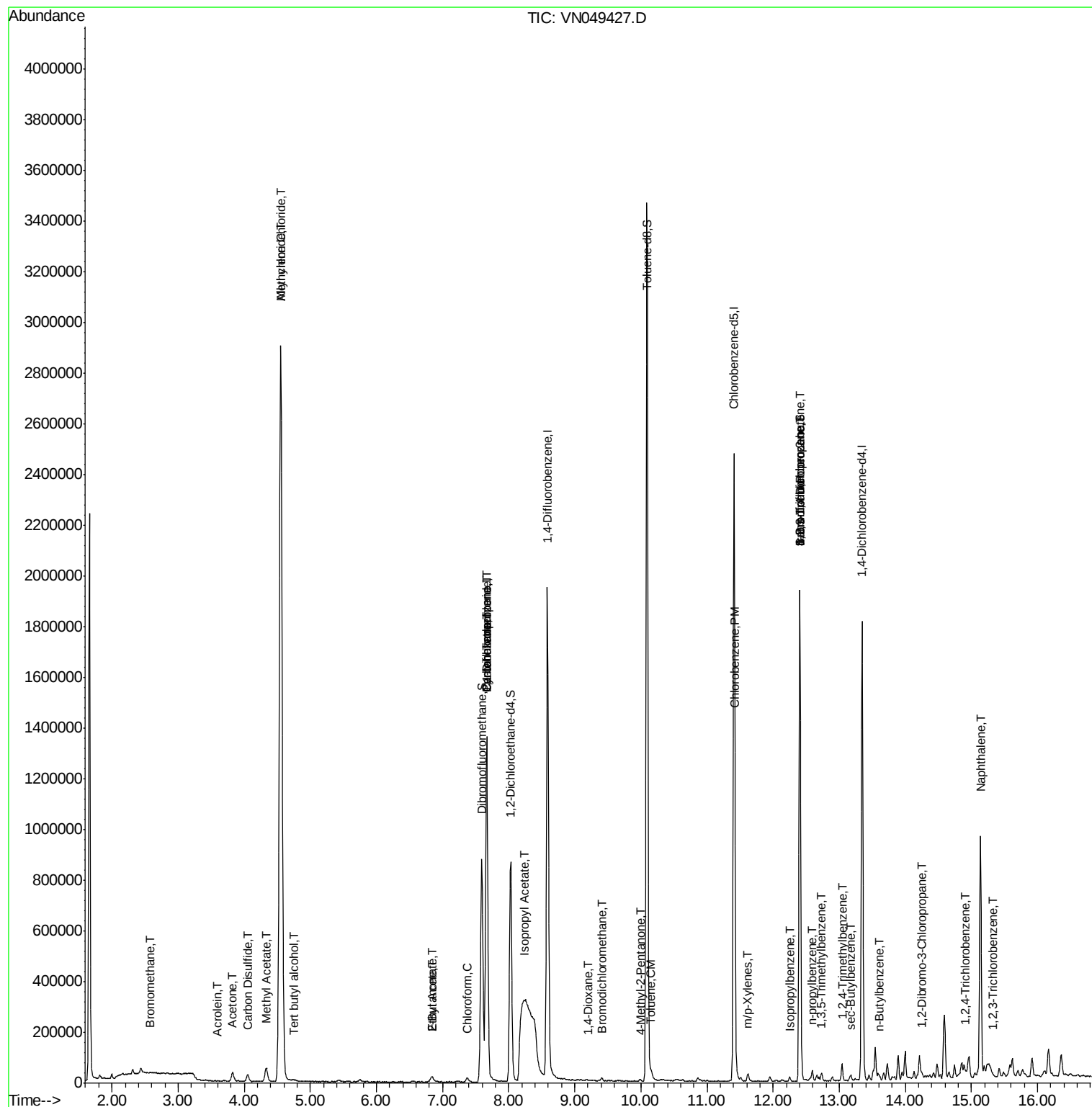
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.14	128	826516	52.693	ug/l	99
96) 1,2,3-Trichlorobenzene	15.33	180	199	3.479	ug/l #	13

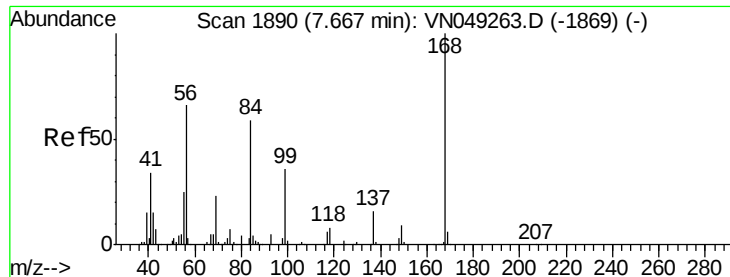
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049427.D

Acq: 20 Jun 2018 10:02

Instrument :

MSVOA_N

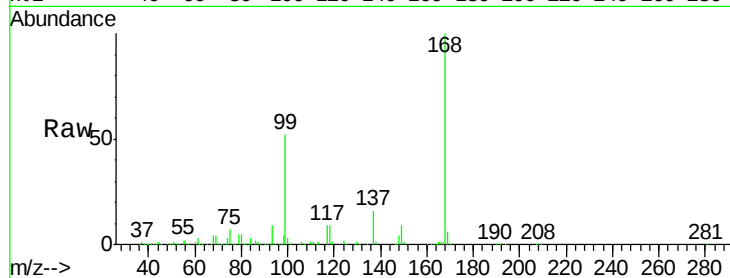
ClientSampled :

Tot Ion:168 Resp: 1141463

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

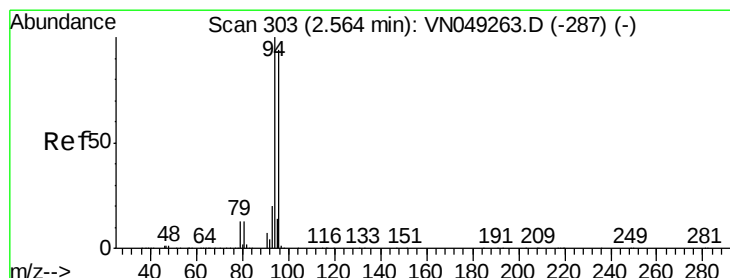
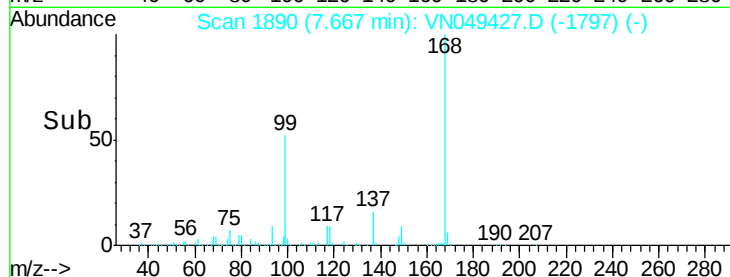
300000

200000

100000

0

Time-->



#5

Bromomethane

Concen: 0.268 ug/l

RT: 2.57 min Scan# 306

Delta R.T. 0.01 min

Lab File: VN049427.D

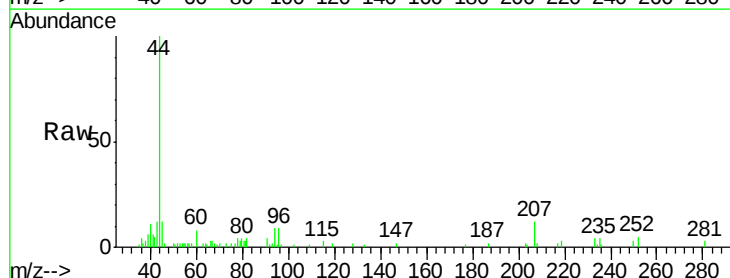
Acq: 20 Jun 2018 10:02

Tgt Ion: 94 Resp: 2543

Ion Ratio Lower Upper

94 100

96 109.2 72.8 109.2#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.57

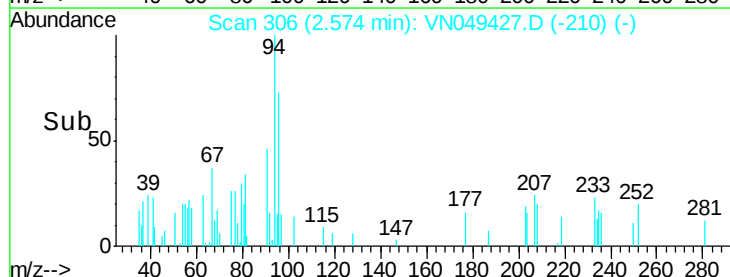
1500

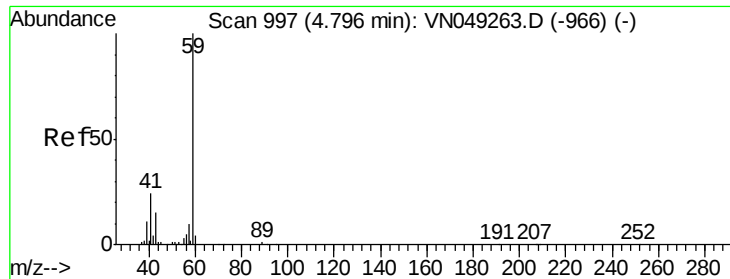
1000

500

0

Time-->

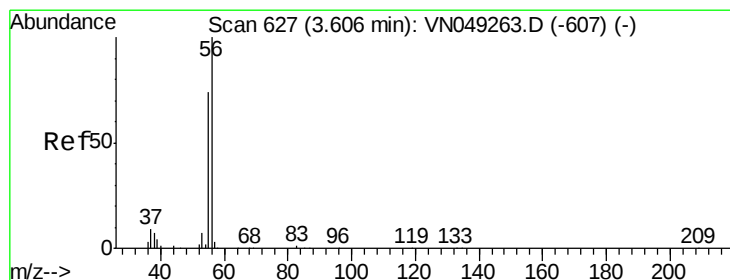
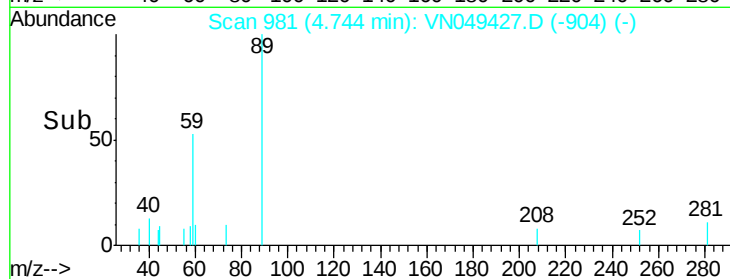
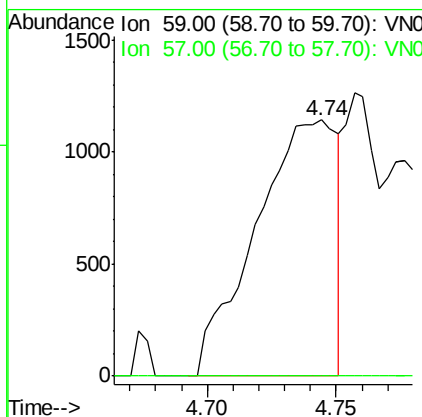
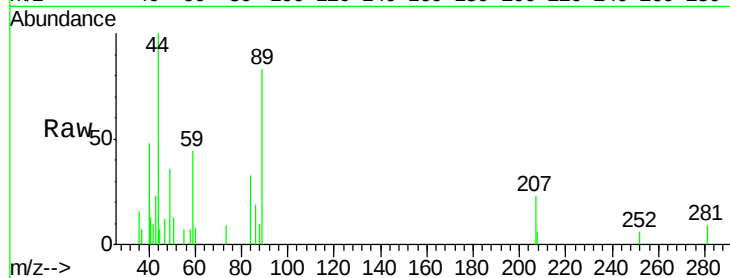




#11
Tert butyl alcohol
Concen: 2.817 ug/l
RT: 4.74 min Scan# 981
Delta R.T. -0.05 min
Lab File: VN049427.D
Acq: 20 Jun 2018 10:02

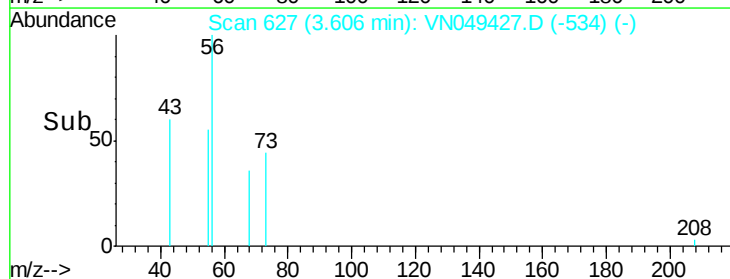
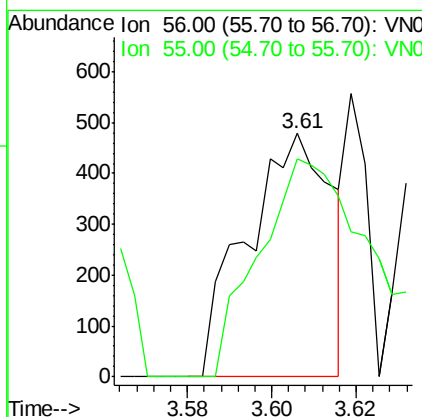
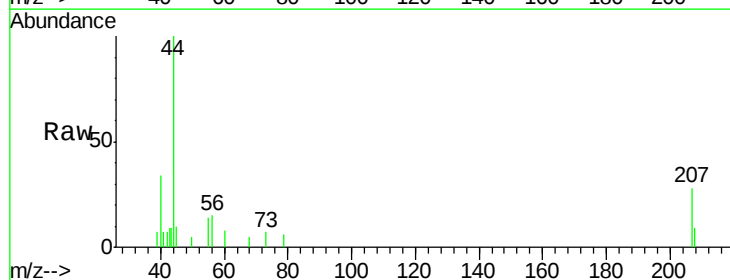
Instrument :
MSVOA_N
ClientSampled :

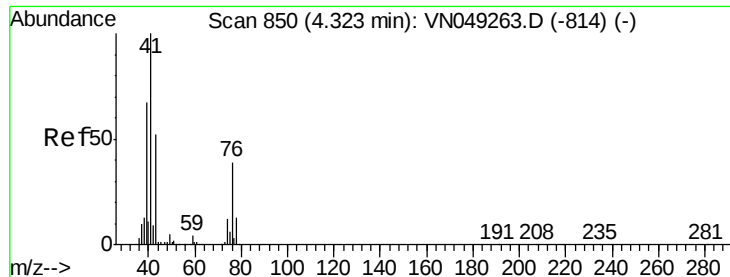
Tot Ion: 59 Resp: 2503
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.6#



#13
Acrolein
Concen: 0.713 ug/l
RT: 3.61 min Scan# 627
Delta R.T. 0.00 min
Lab File: VN049427.D
Acq: 20 Jun 2018 10:02

Tgt Ion: 56 Resp: 664
Ion Ratio Lower Upper
56 100
55 109.2 57.1 85.7#

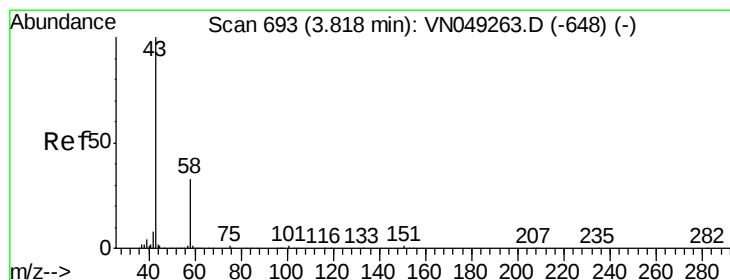
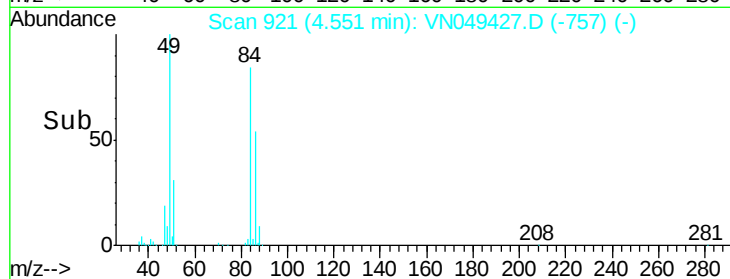
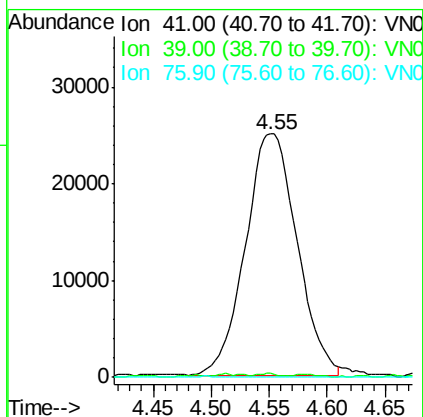
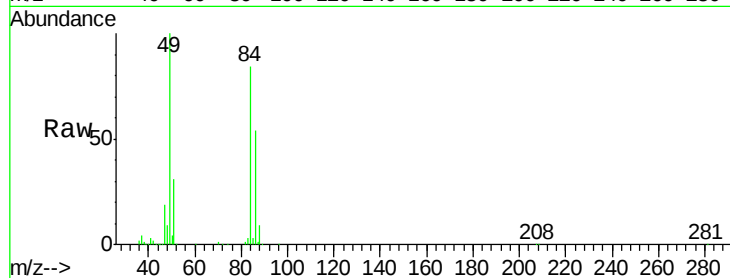




#14
Allvl chloride
Concen: 3.736 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.23 min
Lab File: VN049427.D
Acq: 20 Jun 2018 10:02

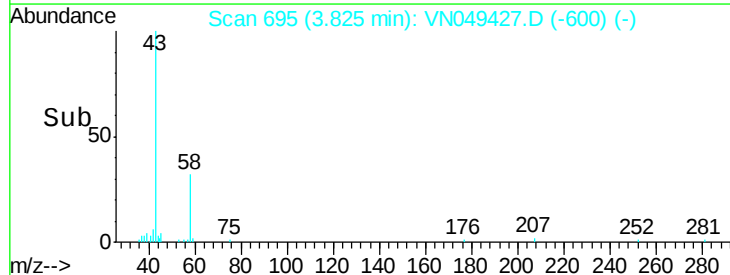
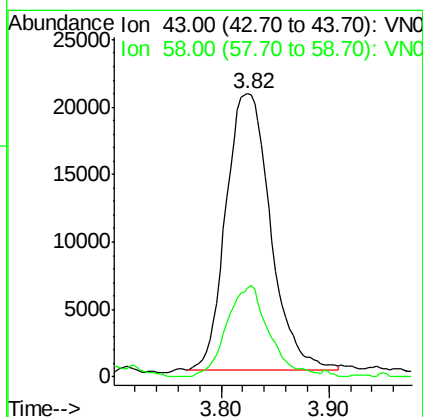
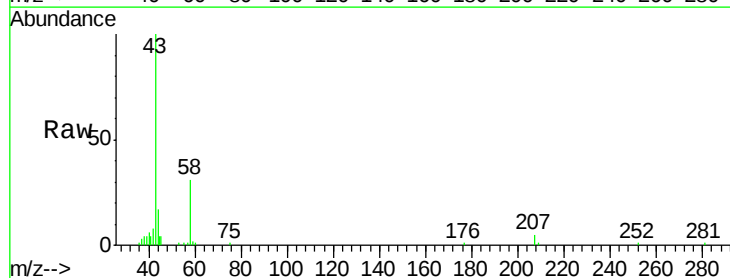
Instrument :
MSVOA_N
ClientSampleId :

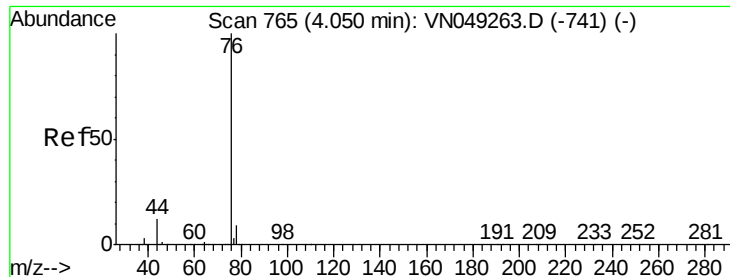
Tot Ion: 41 Resp: 77205
Ion Ratio Lower Upper
41 100
39 0.9 62.5 93.7#
76 0.0 27.1 40.7#



#16
Acetone
Concen: 16.027 ug/l
RT: 3.82 min Scan# 695
Delta R.T. 0.01 min
Lab File: VN049427.D
Acq: 20 Jun 2018 10:02

Tgt Ion: 43 Resp: 58915
Ion Ratio Lower Upper
43 100
58 32.0 22.4 33.6





#17

Carbon Disulfide

Concen: 1.265 ug/l

RT: 4.05 min Scan# 765

Delta R.T. 0.00 min

Lab File: VN049427.D

Acq: 20 Jun 2018 10:02

Instrument :

MSVOA_N

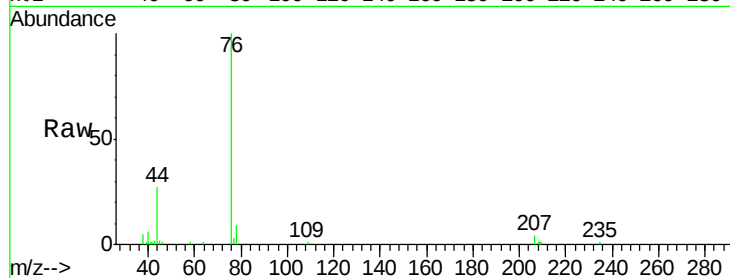
ClientSampled :

Tot Ion: 76 Resp: 51907

Ion Ratio Lower Upper

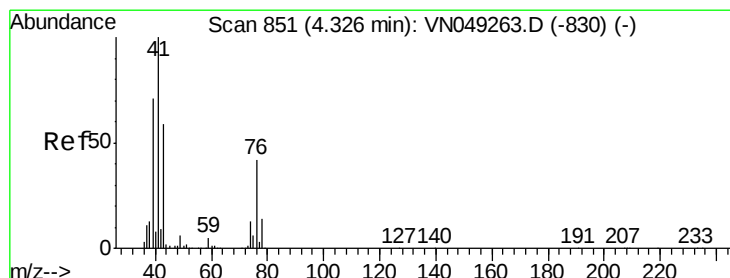
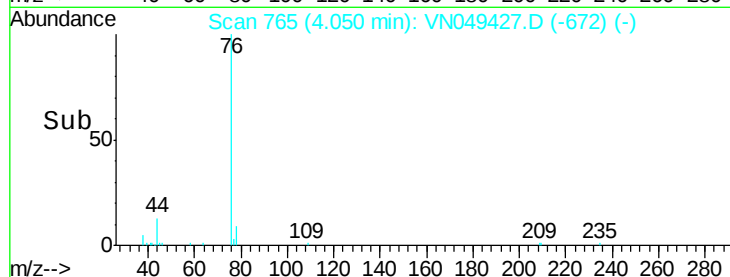
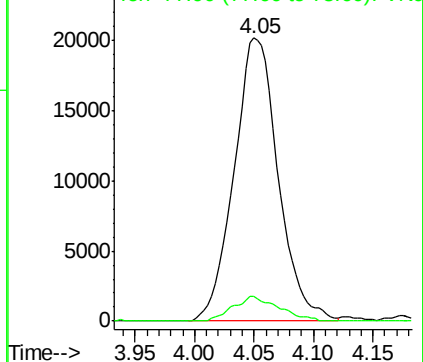
76 100

78 8.7 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 9.452 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN049427.D

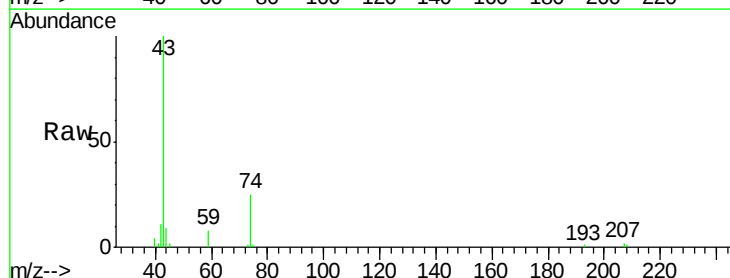
Acq: 20 Jun 2018 10:02

Tgt Ion: 43 Resp: 105940

Ion Ratio Lower Upper

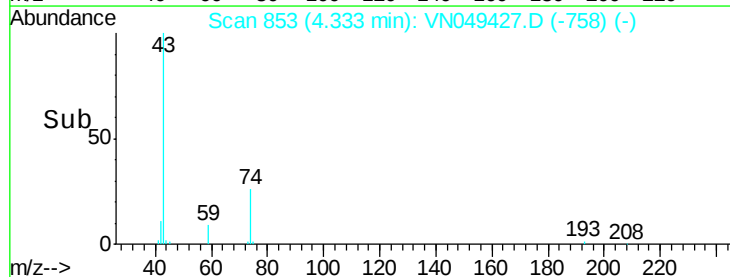
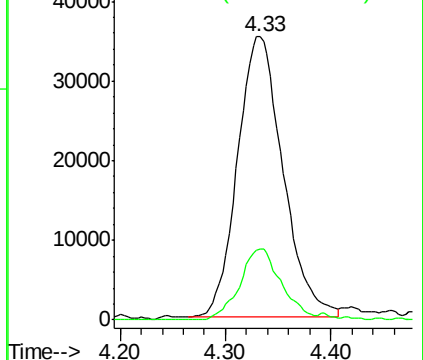
43 100

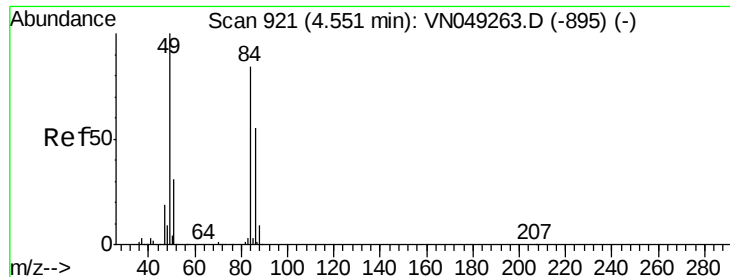
74 23.0 17.4 26.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

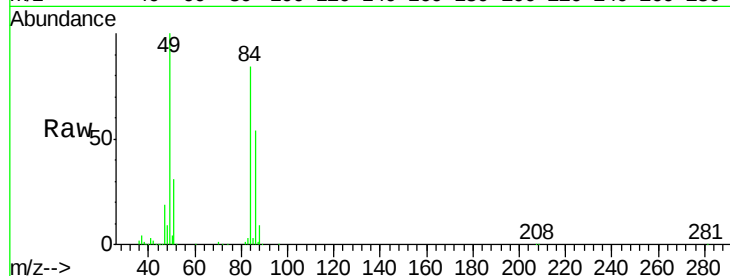




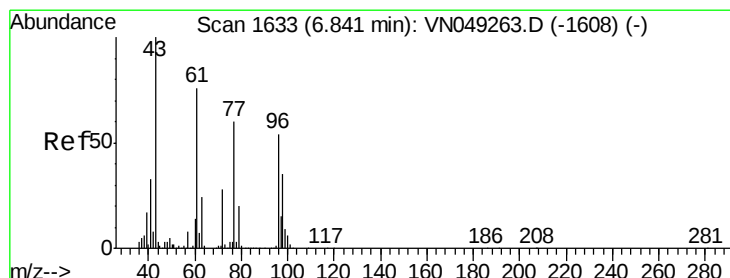
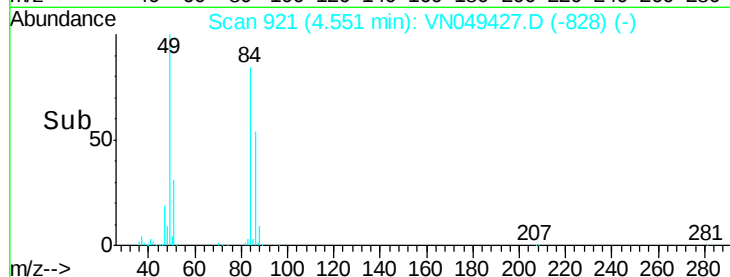
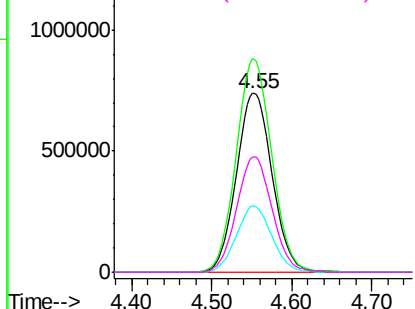
#20
Methylene Chloride
Concen: 145.593 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049427.D
Acq: 20 Jun 2018 10:02

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 84 Resp: 2235248
Ion Ratio Lower Upper
84 100
49 119.5 106.9 160.3
51 37.0 32.7 49.1
86 64.4 49.8 74.8

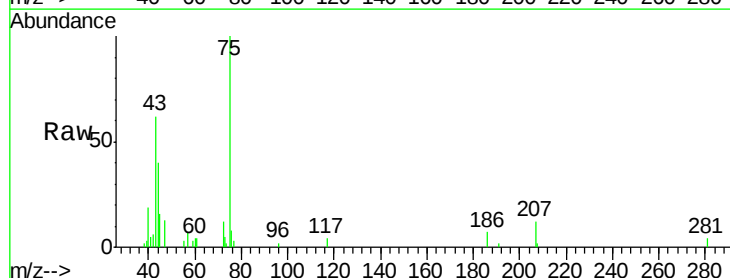


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

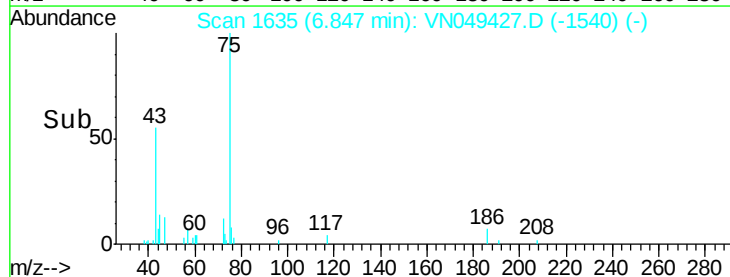
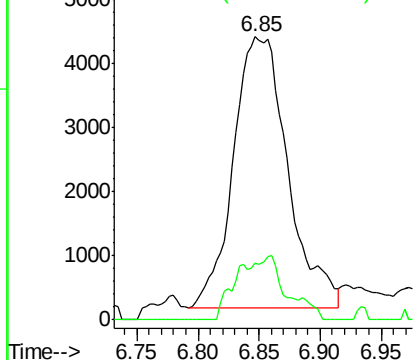


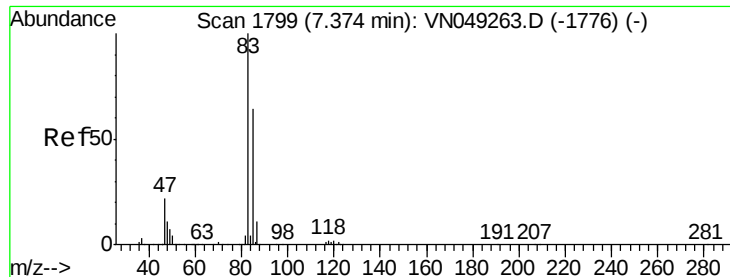
#25
2-Butanone
Concen: 2.647 ug/l
RT: 6.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VN049427.D
Acq: 20 Jun 2018 10:02

Tgt Ion: 43 Resp: 13067
Ion Ratio Lower Upper
43 100
72 20.8 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0





#30

Chloroform

Concen: 0.622 ug/l

RT: 7.38 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN049427.D

Acq: 20 Jun 2018 10:02

Instrument :

MSVOA_N

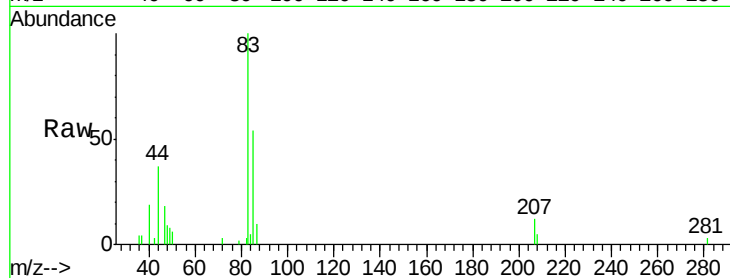
ClientSampleId :

Tot Ion: 83 Resp: 16356

Ion Ratio Lower Upper

83 100

85 54.2 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

7.38

6000

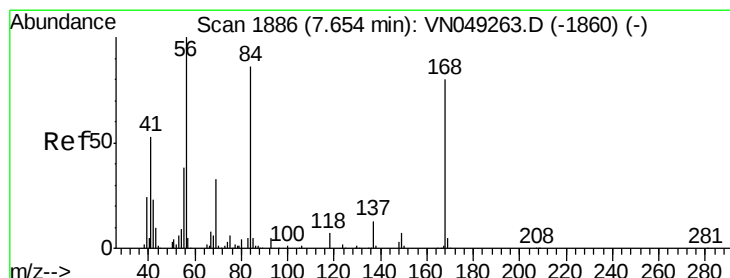
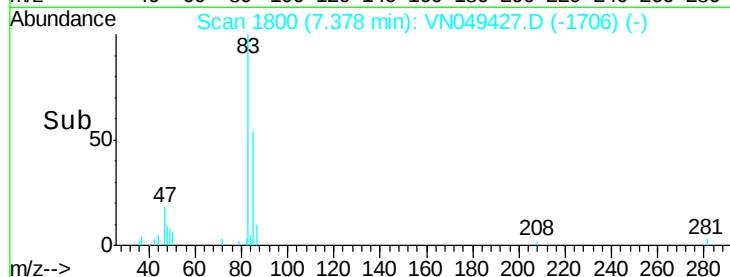
4000

2000

0

7.30 7.35 7.40 7.45

Time-->



#31

Cyclohexane

Concen: 0.764 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN049427.D

Acq: 20 Jun 2018 10:02

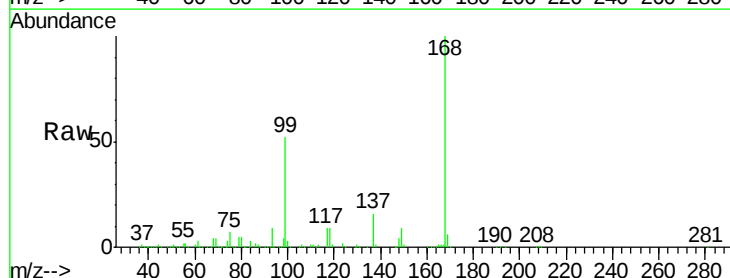
Tgt Ion: 56 Resp: 21000

Ion Ratio Lower Upper

56 100

69 208.9 25.0 37.4#

84 151.4 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

20000

15000

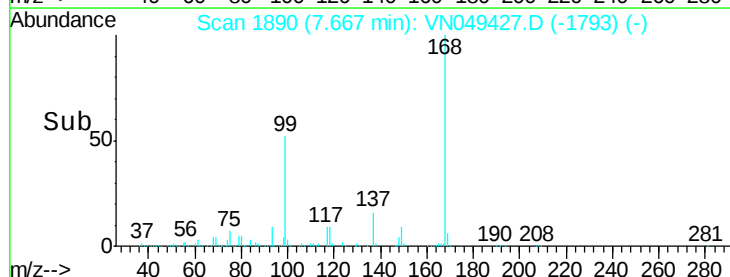
10000

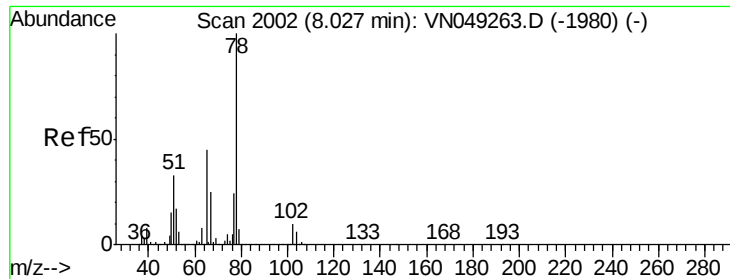
5000

0

7.60 7.65 7.70 7.75

Time-->

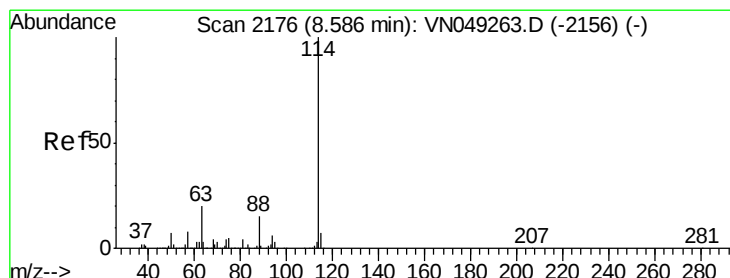
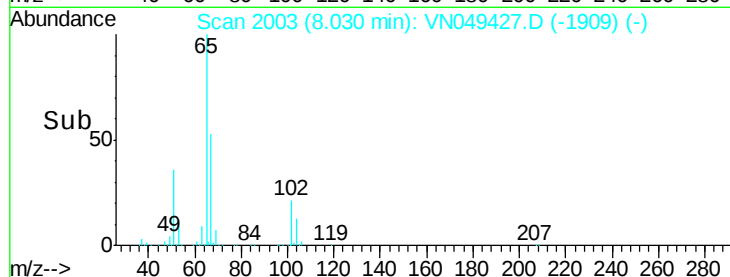
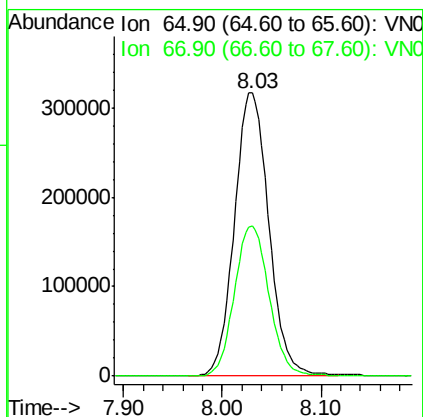
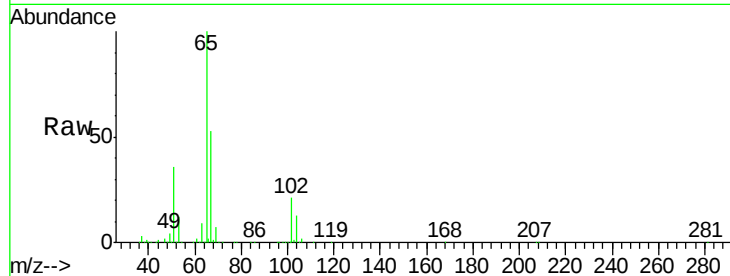




#33
 1,2-Dichloroethane-d4
 Concen: 50.484 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049427.D
 Acq: 20 Jun 2018 10:02

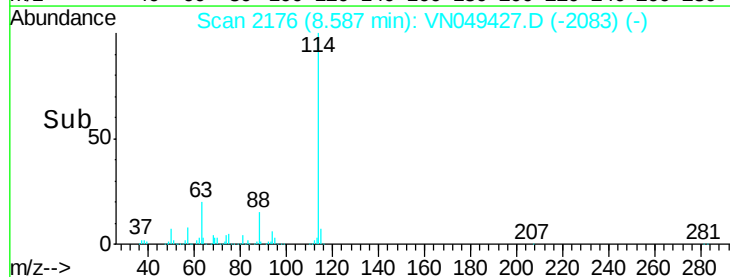
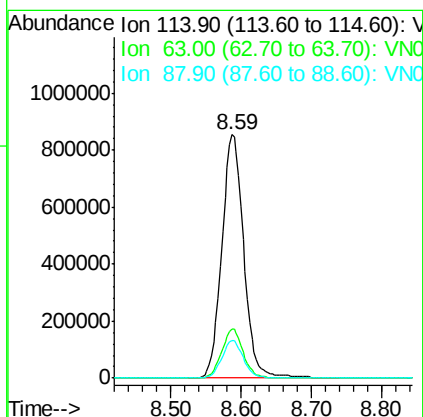
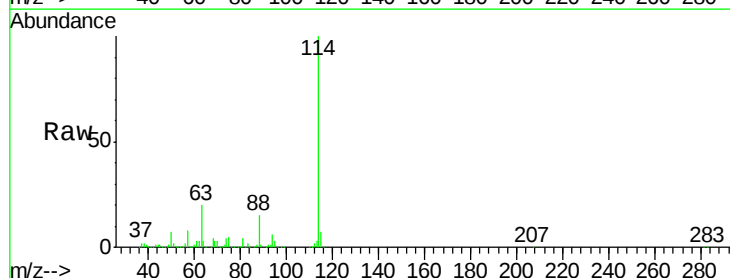
Instrument :
 MSVOA_N
 ClientSampleId :

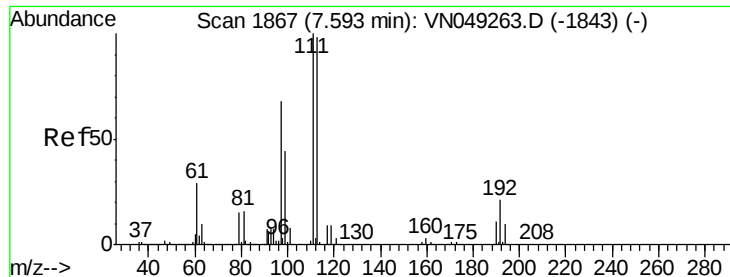
Tot Ion: 65 Resp: 764304
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049427.D
 Acq: 20 Jun 2018 10:02

Tgt Ion: 114 Resp: 1857607
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 44.4
 88 15.4 0.0 31.4

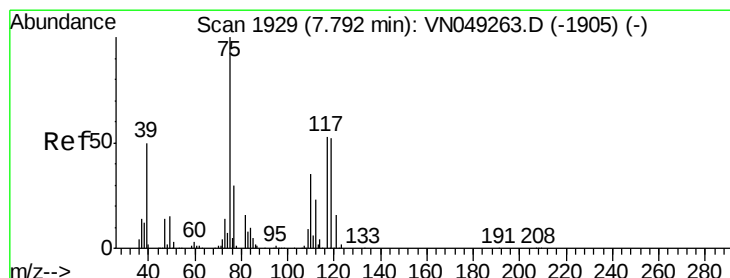
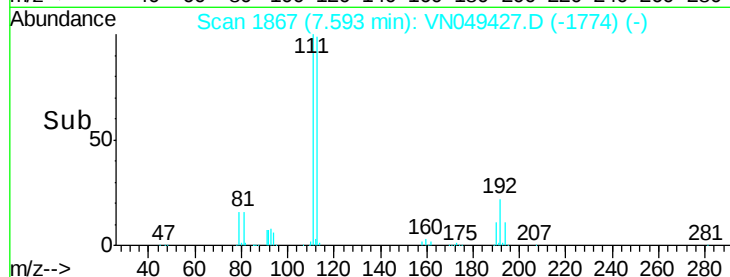
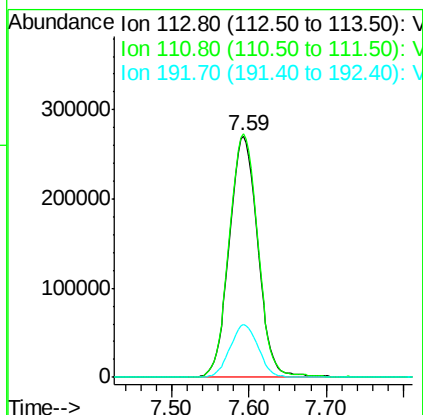
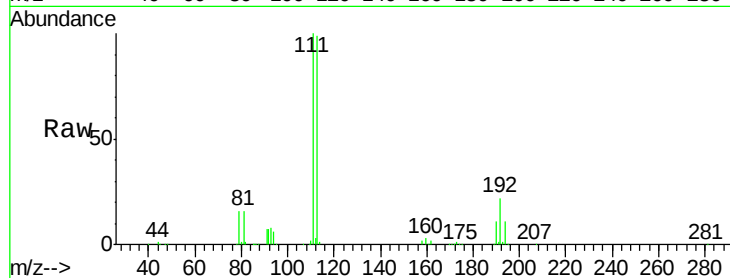




#35
 Dibromofluoromethane
 Concen: 45.848 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049427.D
 Acq: 20 Jun 2018 10:02

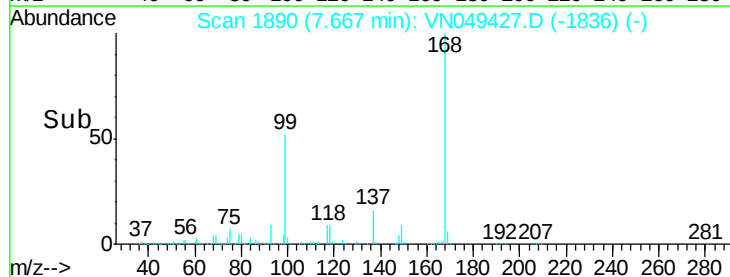
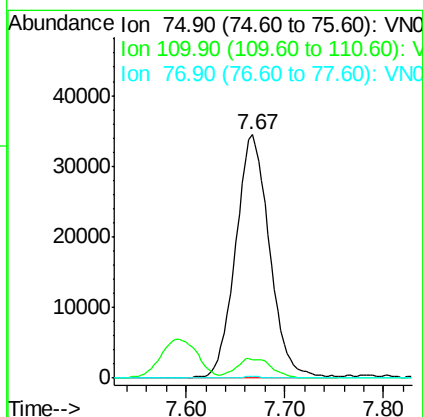
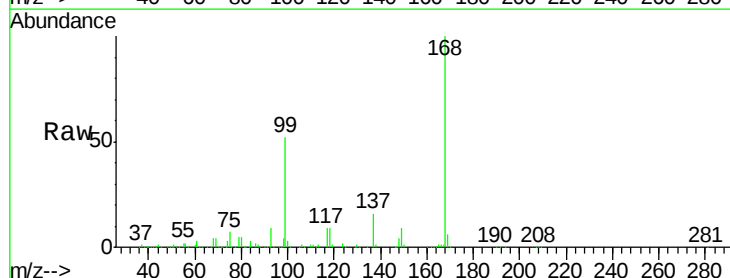
Instrument :
 MSVOA_N
 ClientSampleId :

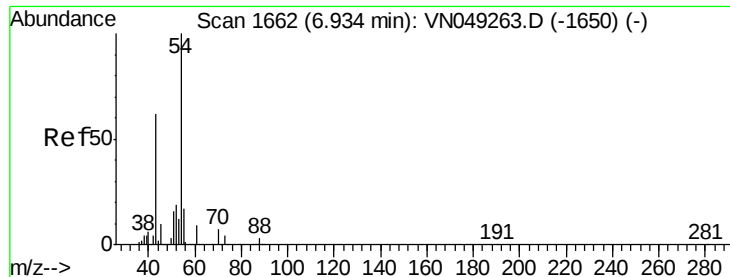
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.4	123.6
192	21.6	15.0	22.6



#36
 1,1-Dichloropropene
 Concen: 3.863 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN049427.D
 Acq: 20 Jun 2018 10:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.4	17.0	50.9#
77	0.3	24.4	36.6#

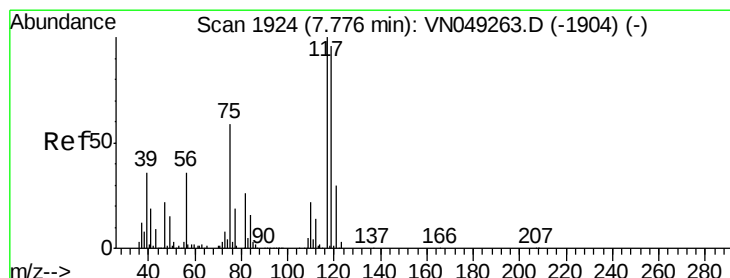
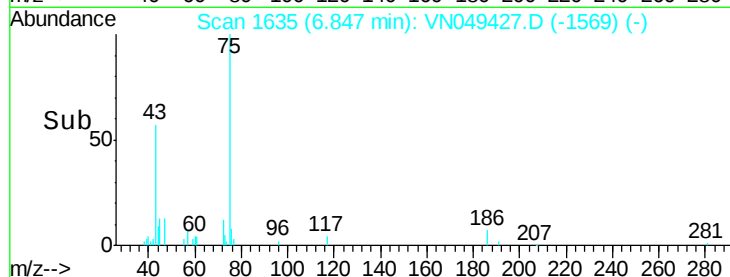
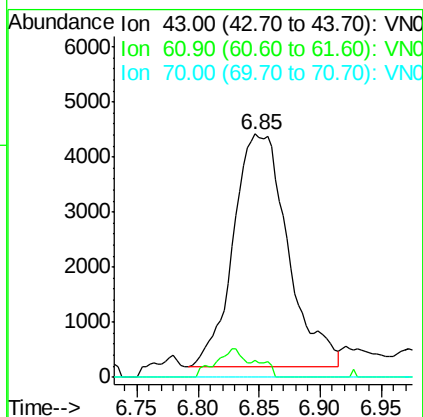
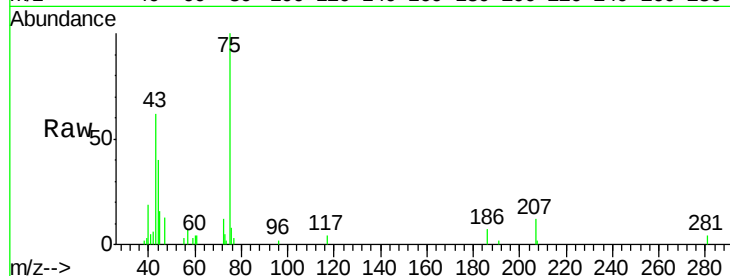




#37
Ethyl Acetate
Concen: 1.129 ug/l
RT: 6.85 min Scan# 1635
Delta R.T. -0.09 min
Lab File: VN049427.D
Acq: 20 Jun 2018 10:02

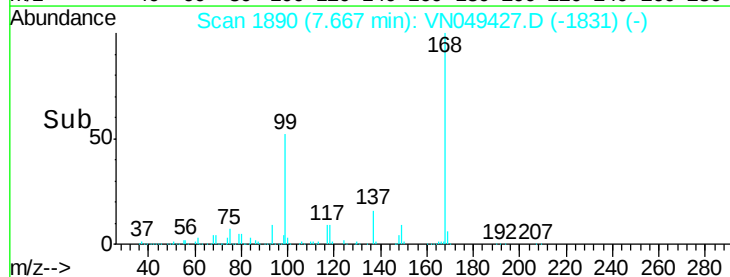
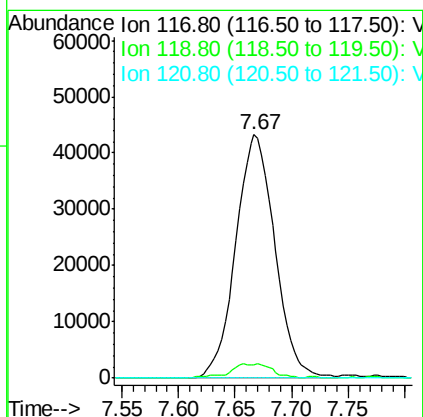
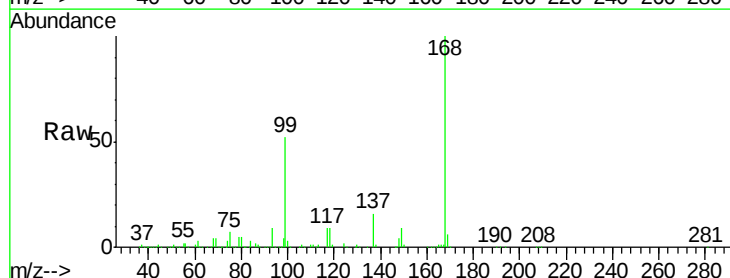
Instrument :
MSVOA_N
ClientSampled :

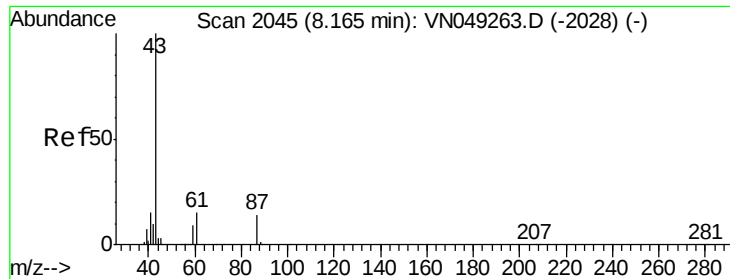
Tot Ion: 43 Resp: 13067
Ion Ratio Lower Upper
43 100
61 6.7 11.0 16.4#
70 0.0 7.2 10.8#



#38
Carbon Tetrachloride
Concen: 4.718 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN049427.D
Acq: 20 Jun 2018 10:02

Tgt Ion: 117 Resp: 103993
Ion Ratio Lower Upper
117 100
119 5.6 75.6 113.4#
121 0.0 24.7 37.1#



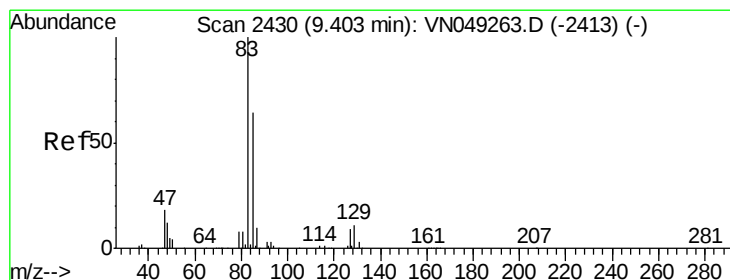
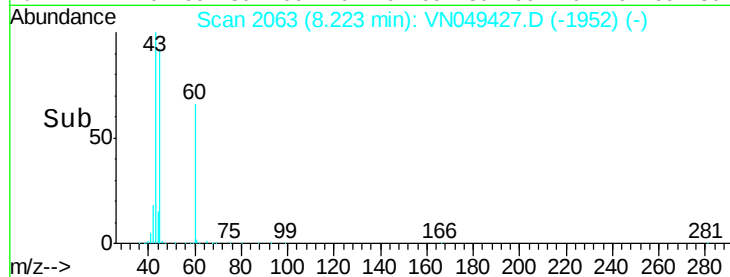
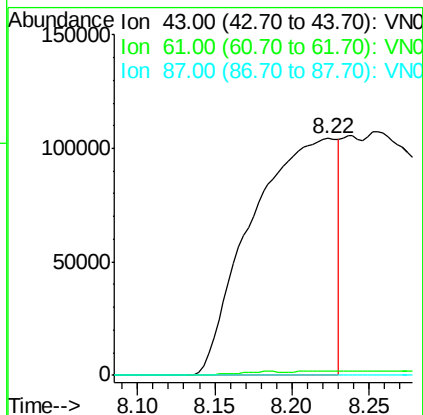
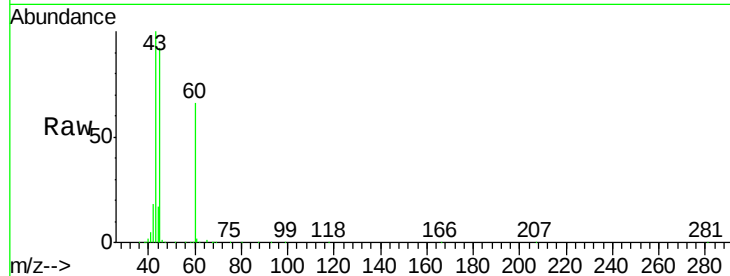


#43

Isopropyl Acetate
 Concen: 17.863 ug/l
 RT: 8.22 min Scan# 2063
 Delta R.T. 0.06 min
 Lab File: VN049427.D
 Acq: 20 Jun 2018 10:02

Instrument :
 MSVOA_N
 ClientSampled :

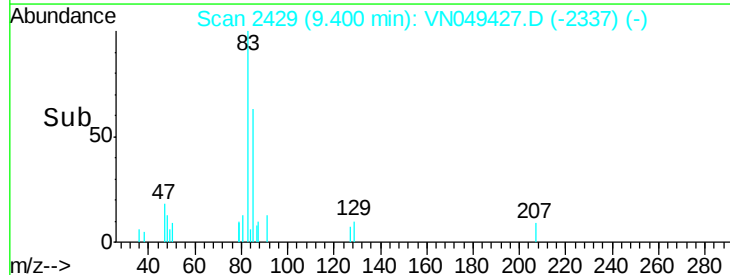
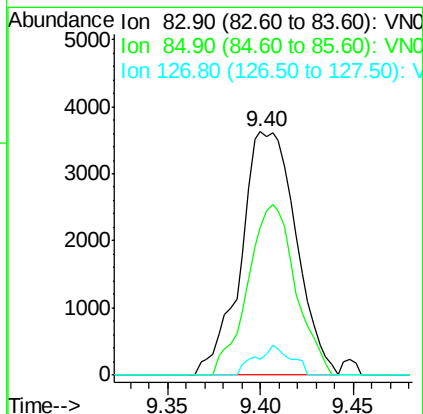
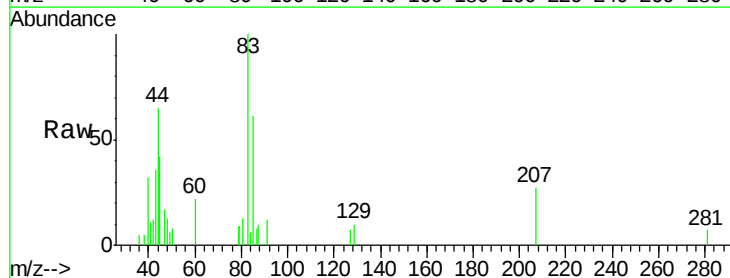
Tot Ion: 43 Resp: 395022
 Ion Ratio Lower Upper
 43 100
 61 0.0 14.2 21.4#
 87 0.0 9.4 14.0#

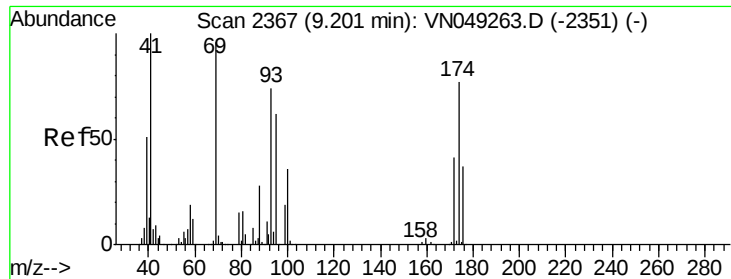


#47

Bromodichloromethane
 Concen: 0.344 ug/l
 RT: 9.40 min Scan# 2429
 Delta R.T. -0.00 min
 Lab File: VN049427.D
 Acq: 20 Jun 2018 10:02

Tgt Ion: 83 Resp: 7493
 Ion Ratio Lower Upper
 83 100
 85 60.6 49.4 74.0
 127 6.7 6.3 9.5

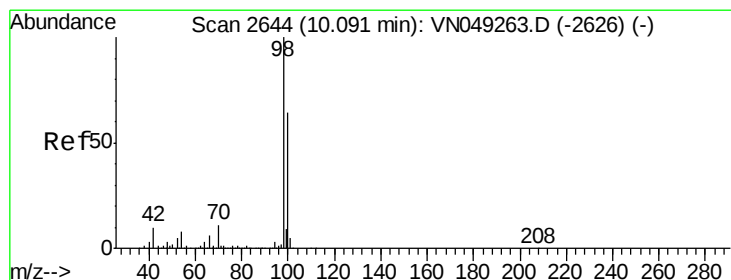
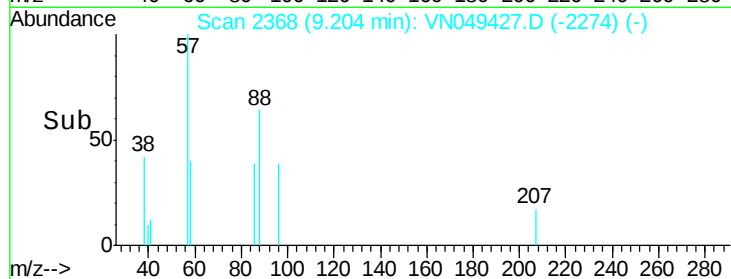
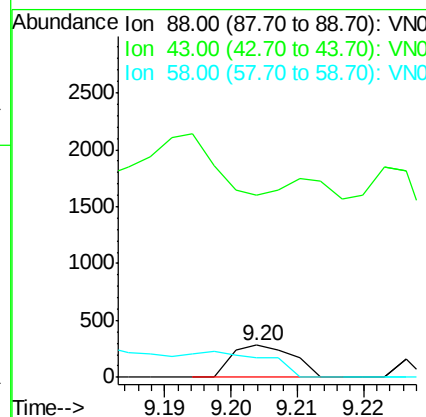
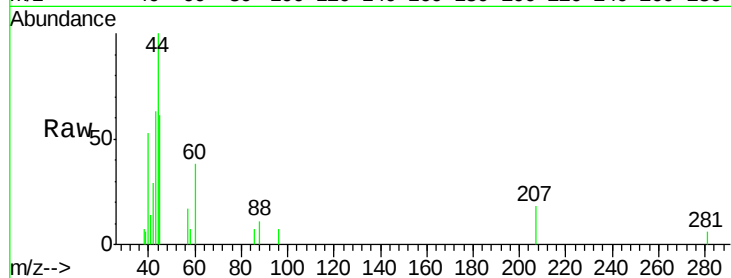




#49
 1,4-Dioxane
 Concen: 1.252 ug/l
 RT: 9.20 min Scan# 2367
 Delta R.T. 0.00 min
 Lab File: VN049427.D
 Acq: 20 Jun 2018 10:02

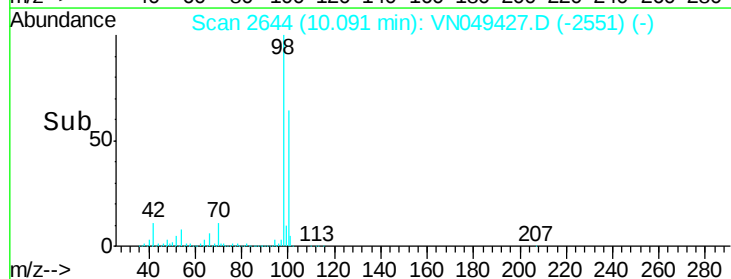
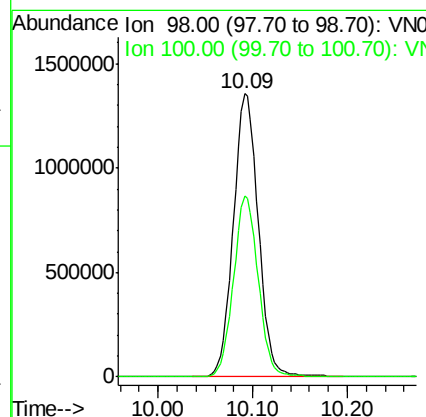
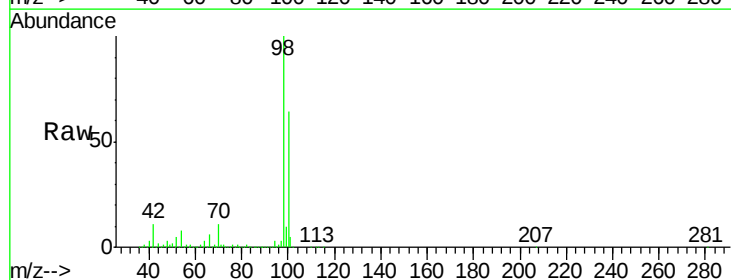
Instrument :
 MSVOA_N
 ClientSampled :

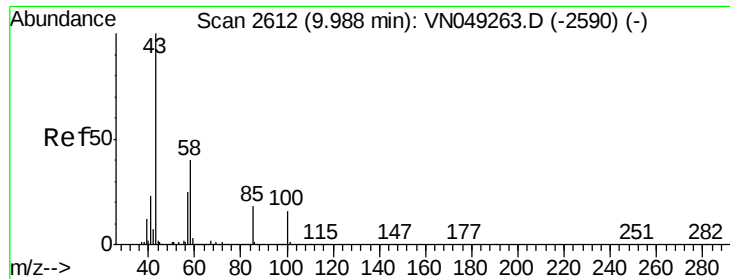
Tot Ion: 88 Resp: 180
 Ion Ratio Lower Upper
 88 100
 43 218.9 30.9 46.3#
 58 0.0 58.9 88.3#



#50
 Toluene-d8
 Concen: 43.535 ug/l
 RT: 10.09 min Scan# 2644
 Delta R.T. 0.00 min
 Lab File: VN049427.D
 Acq: 20 Jun 2018 10:02

Tgt Ion: 98 Resp: 2491306
 Ion Ratio Lower Upper
 98 100
 100 63.4 49.8 74.8





#51

4-Methyl-2-Pentanone

Concen: 0.274 ug/l

RT: 9.98 min Scan# 2610

Delta R.T. -0.01 min

Lab File: VN049427.D

Acq: 20 Jun 2018 10:02

Instrument :

MSVOA_N

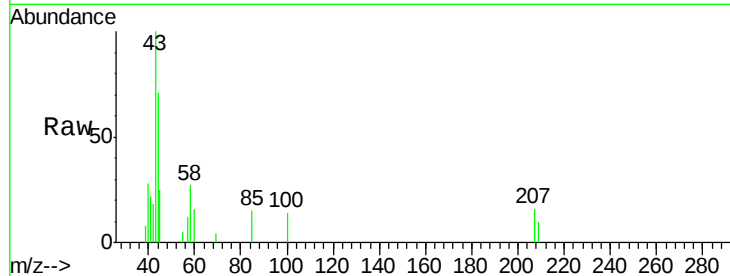
ClientSampled :

Tot Ion: 43 Resp: 3181

Ion Ratio Lower Upper

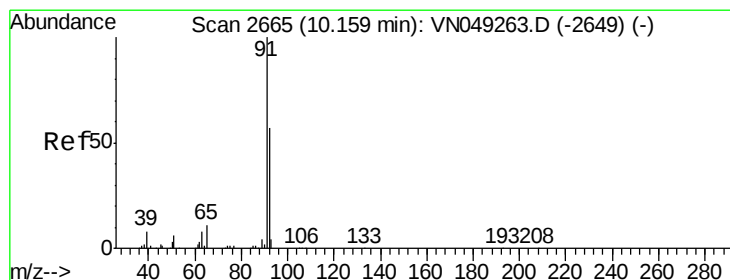
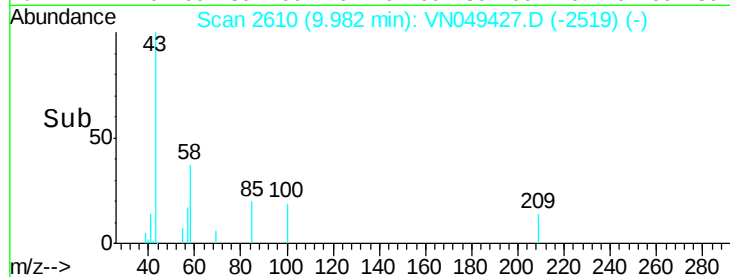
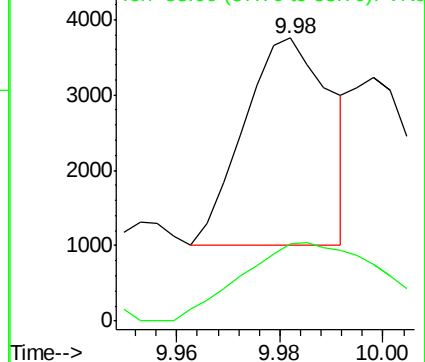
43 100

58 62.7 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) (-)



#52

Toluene

Concen: 0.223 ug/l

RT: 10.16 min Scan# 2665

Delta R.T. 0.00 min

Lab File: VN049427.D

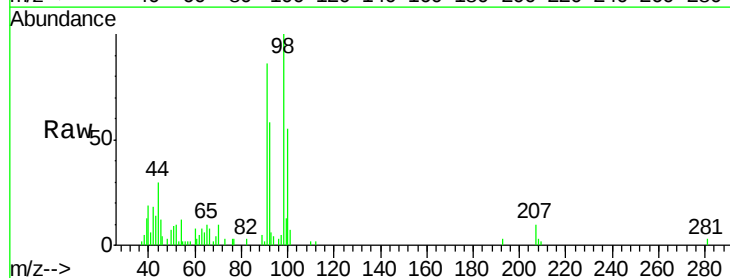
Acq: 20 Jun 2018 10:02

Tgt Ion: 92 Resp: 8540

Ion Ratio Lower Upper

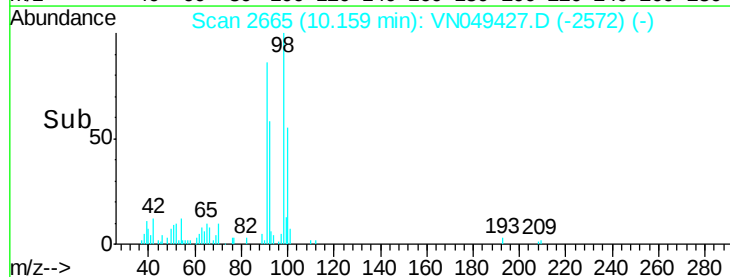
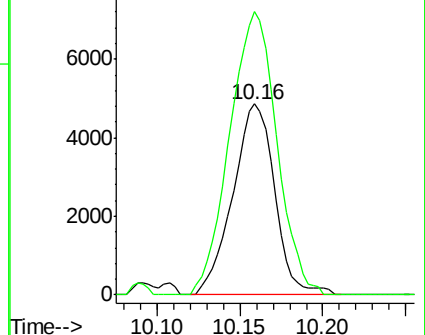
92 100

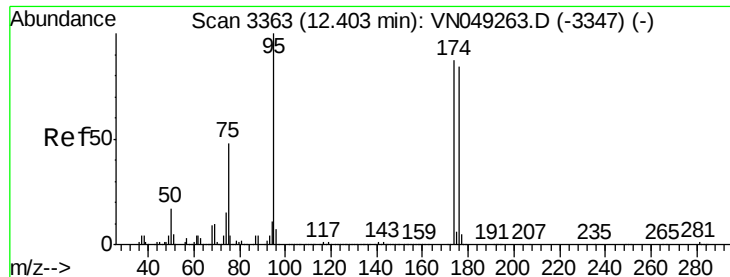
91 166.6 143.4 215.2



Abundance Ion 92.00 (91.70 to 92.70): VN049263.D (-2649) (-)

Ion 91.00 (90.70 to 91.70): VN049263.D (-2649) (-)





#62

4-Bromofluorobenzene

Concen: 35.029 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049427.D

Acq: 20 Jun 2018 10:02

Instrument :

MSVOA_N

ClientSampled :

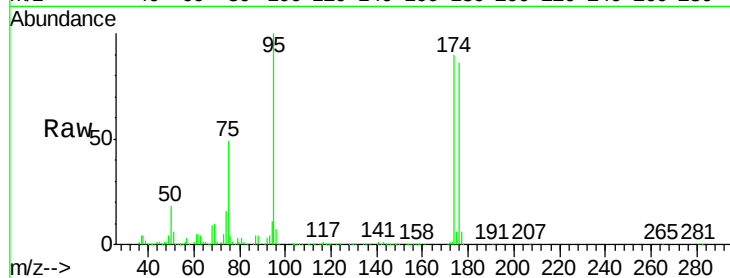
Tot Ion: 95 Resp: 662797

Ion Ratio Lower Upper

95 100

174 90.6 0.0 165.6

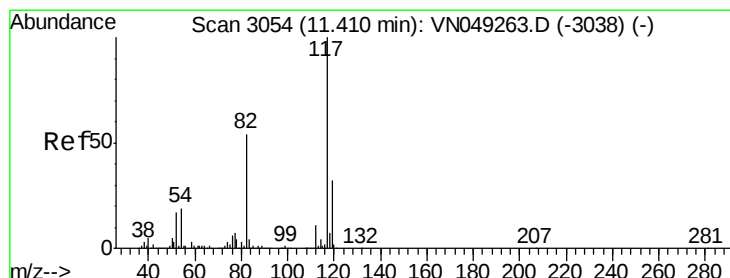
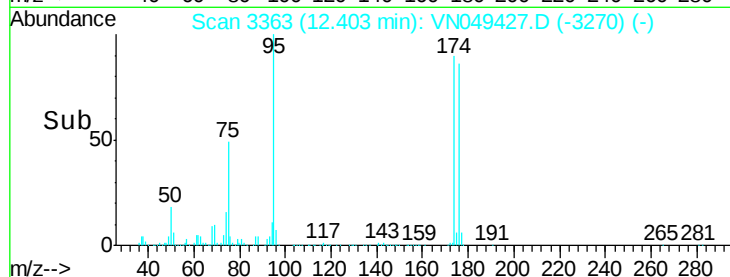
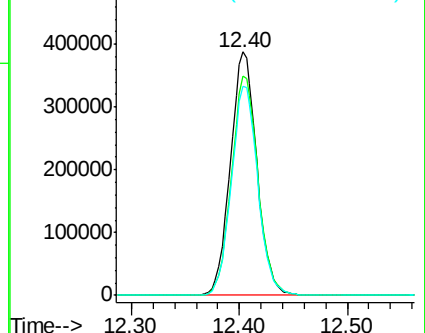
176 85.9 0.0 157.4



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: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049427.D

Acq: 20 Jun 2018 10:02

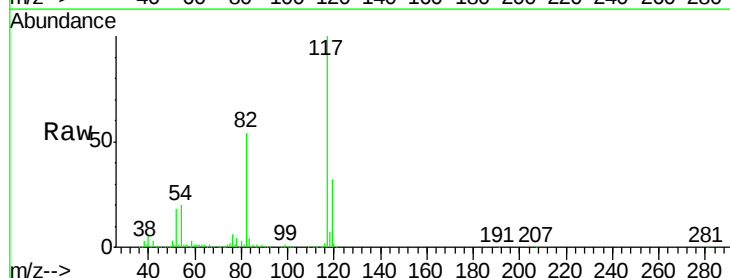
Tgt Ion: 117 Resp: 1503549

Ion Ratio Lower Upper

117 100

82 54.3 45.9 68.9

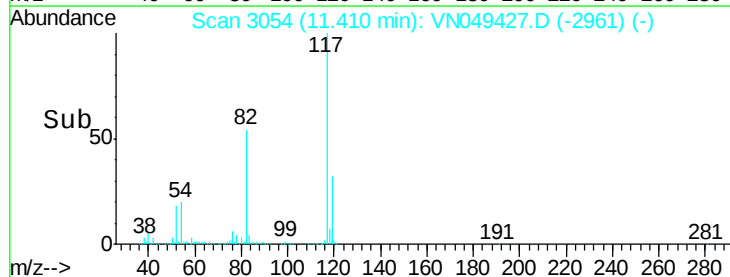
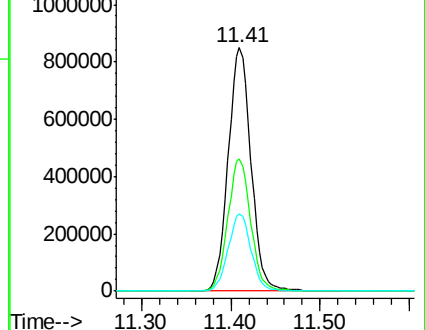
119 31.9 25.5 38.3

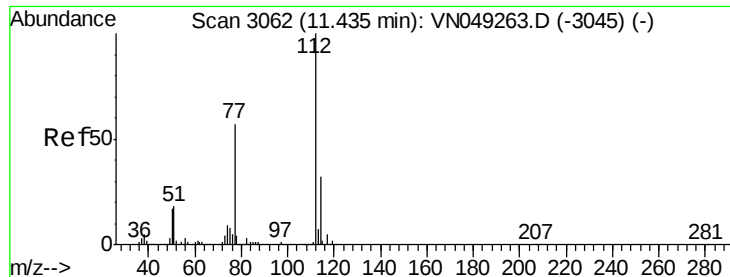


Abundance Ion 116.90 (116.60 to 117.60): VN049263.D (-3038) (-)

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

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

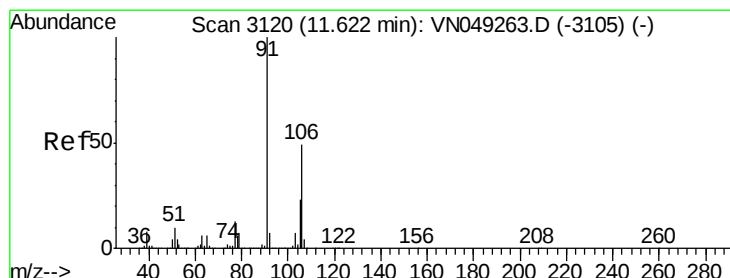
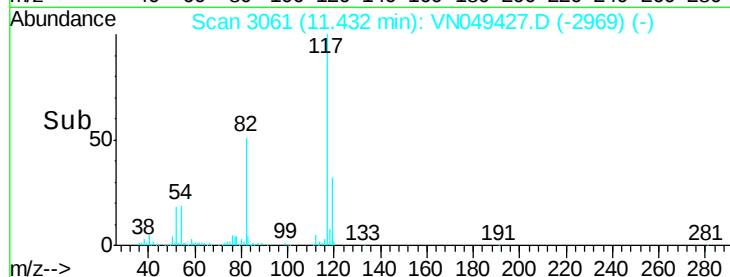
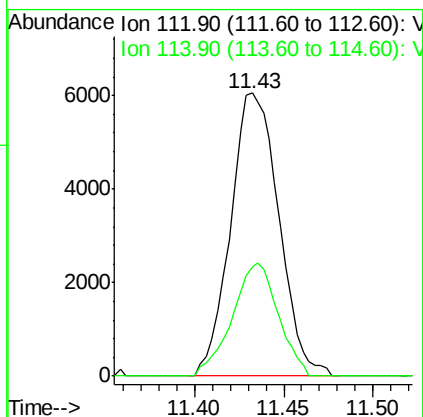
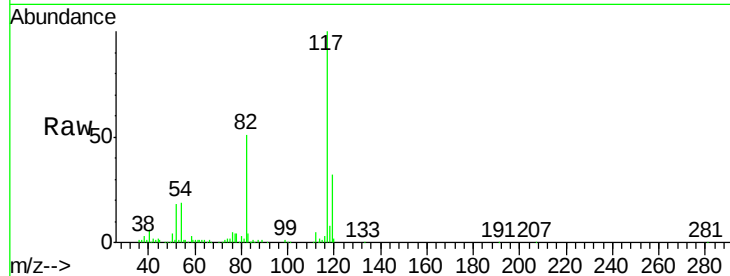




#65
Chlorobenzene
Concen: 0.295 ug/l
RT: 11.43 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN049427.D
Acq: 20 Jun 2018 10:02

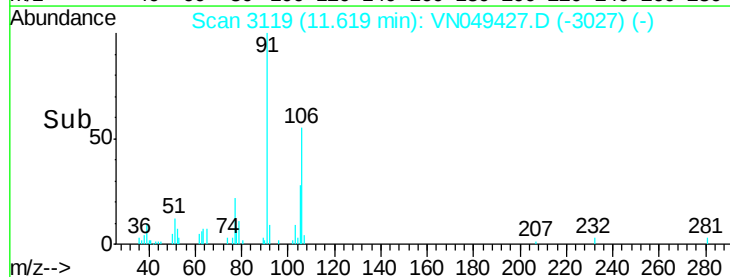
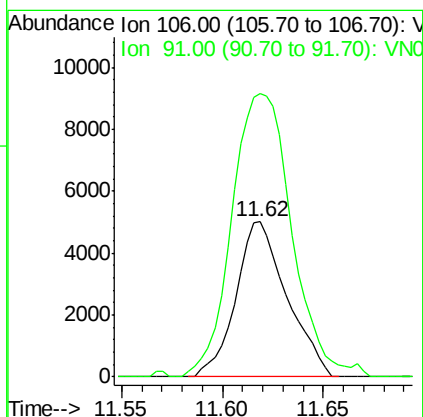
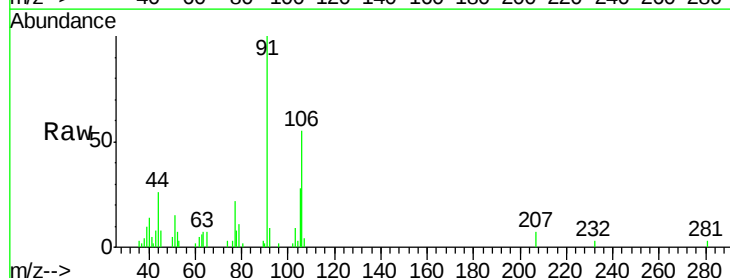
Instrument :
MSVOA_N
ClientSampleId :

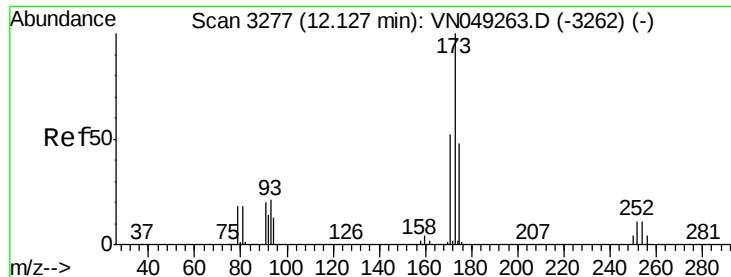
Tot Ion:112 Resp: 11445
Ion Ratio Lower Upper
112 100
114 38.8 26.2 39.4



#68
m/p-Xylenes
Concen: 0.366 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.00 min
Lab File: VN049427.D
Acq: 20 Jun 2018 10:02

Tgt Ion:106 Resp: 8828
Ion Ratio Lower Upper
106 100
91 215.5 167.3 250.9





#71

Bromoform

Concen: 0.590 ug/l

RT: 12.40 min Scan# 3362

Delta R.T. 0.27 min

Lab File: VN049427.D

Acq: 20 Jun 2018 10:02

Instrument :

MSVOA_N

ClientSampleId :

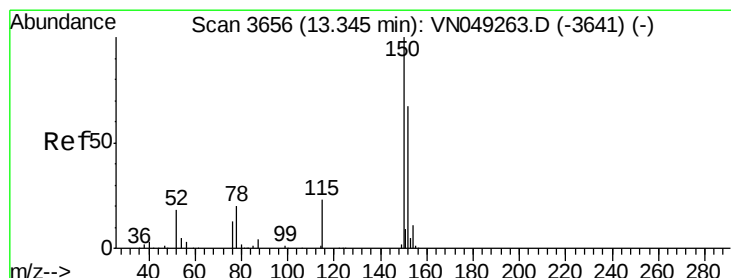
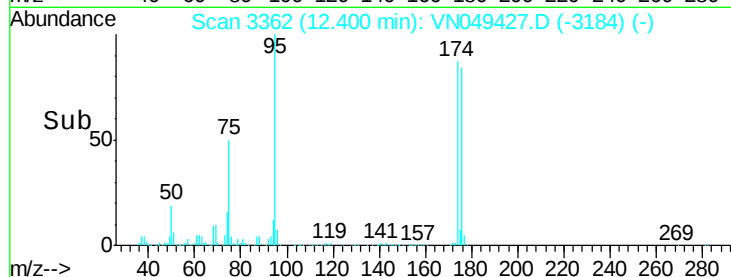
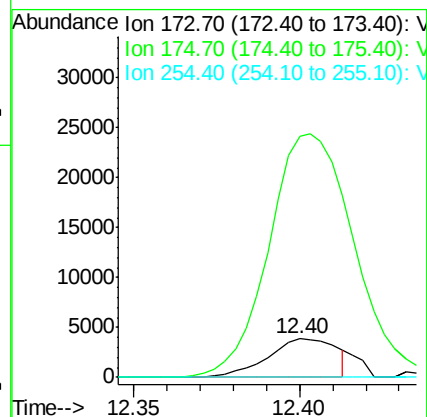
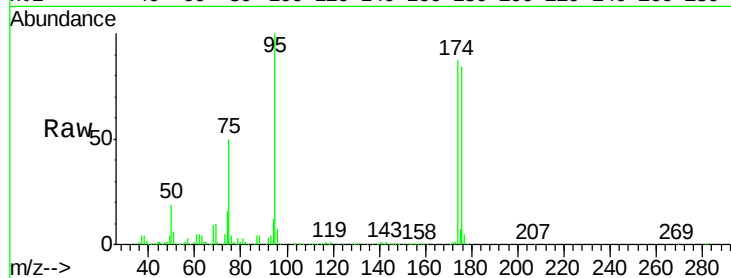
Tot Ion:173 Resp: 5568

Ion Ratio Lower Upper

173 100

175 634.9 24.5 73.5#

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049427.D

Acq: 20 Jun 2018 10:02

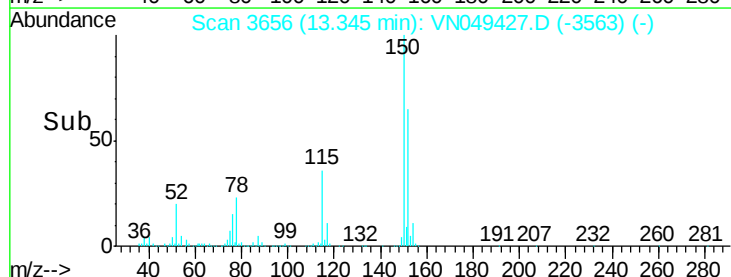
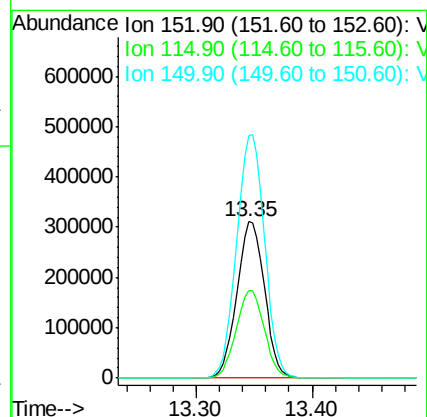
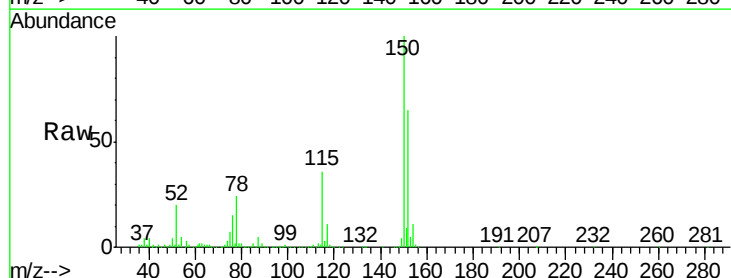
Tgt Ion:152 Resp: 510835

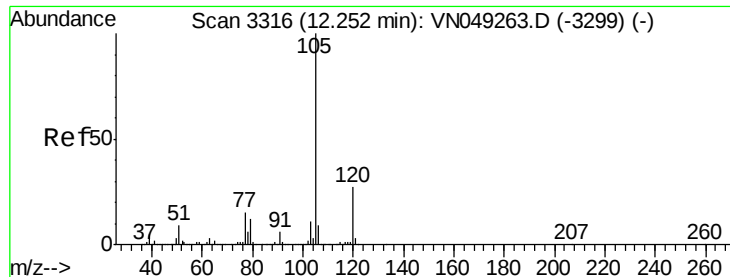
Ion Ratio Lower Upper

152 100

115 56.9 28.7 86.1

150 157.3 0.0 351.0





#73

Isopropylbenzene

Concen: 0.259 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049427.D

Acq: 20 Jun 2018 10:02

Instrument :

MSVOA_N

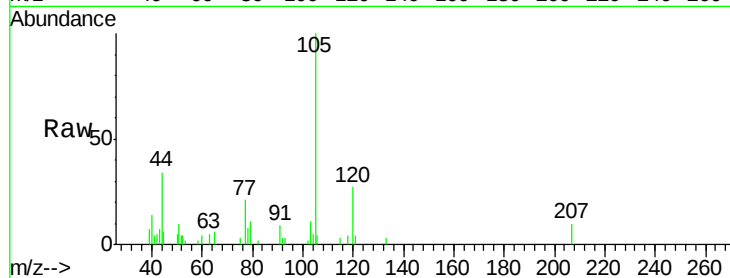
ClientSampled :

Tot Ion:105 Resp: 11610

Ion Ratio Lower Upper

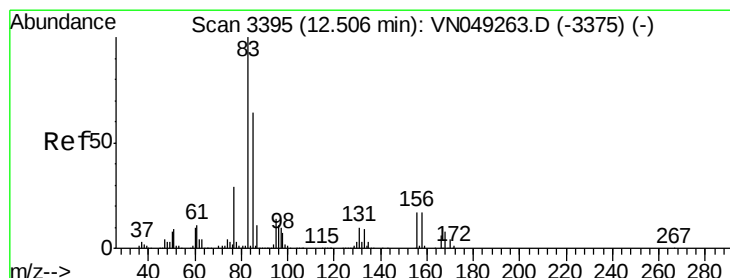
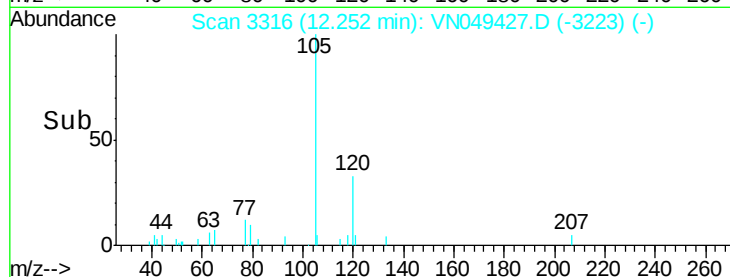
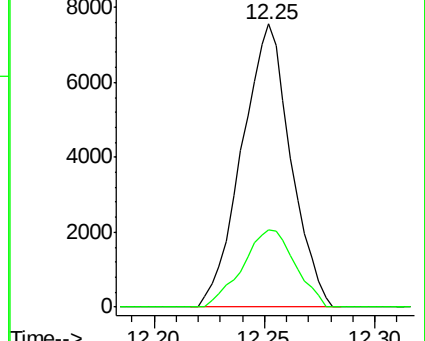
105 100

120 29.3 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: 12.54 min Scan# 3405

Delta R.T. 0.03 min

Lab File: VN049427.D

Acq: 20 Jun 2018 10:02

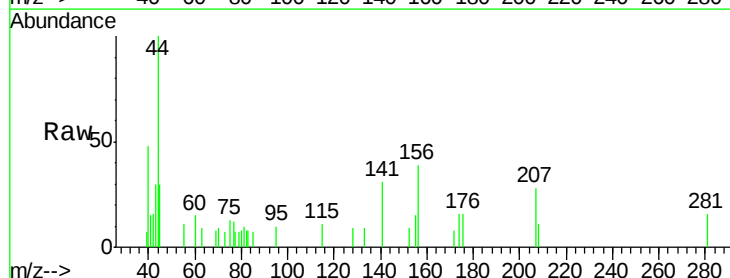
Tgt Ion: 83 Resp: 64

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

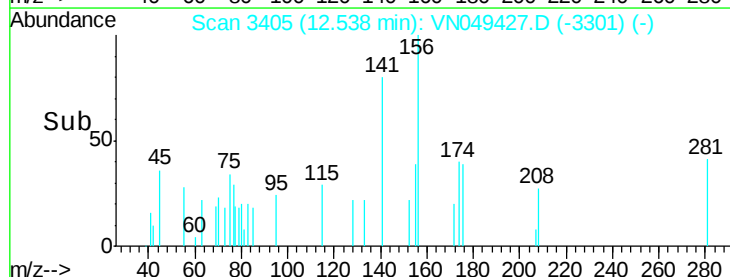
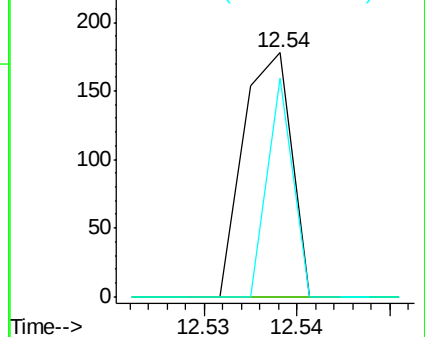
85 48.4 32.0 96.0

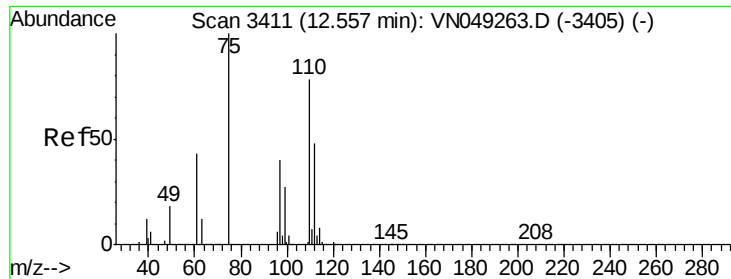


Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VNO

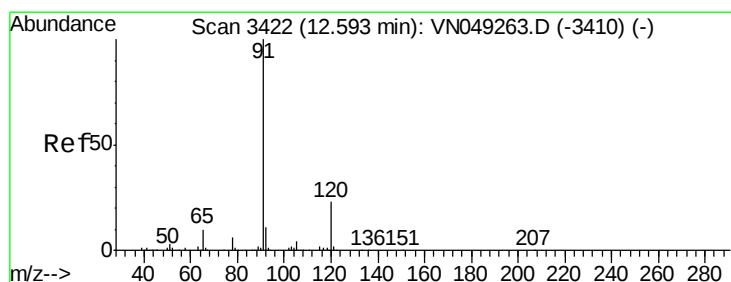
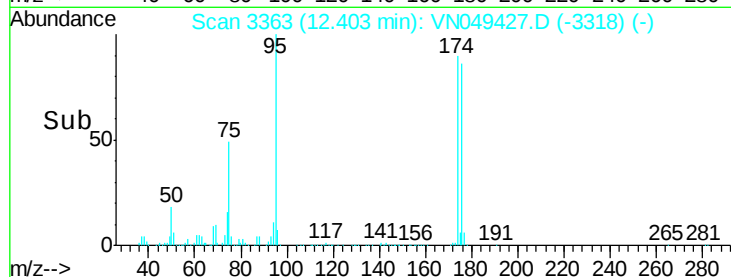
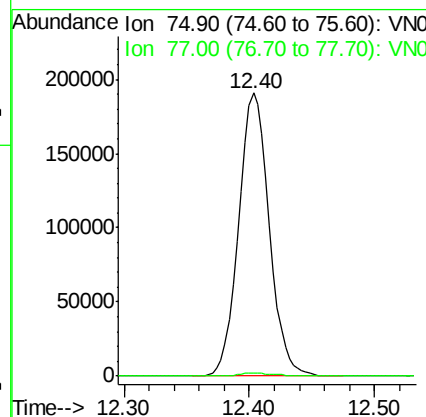
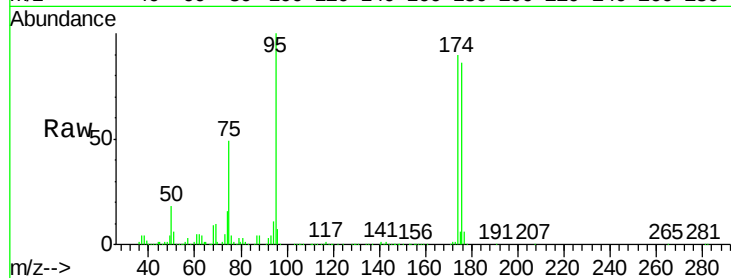




#76
 1,2,3-Trichloropropane
 Concen: 37.015 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. -0.15 min
 Lab File: VN049427.D
 Acq: 20 Jun 2018 10:02

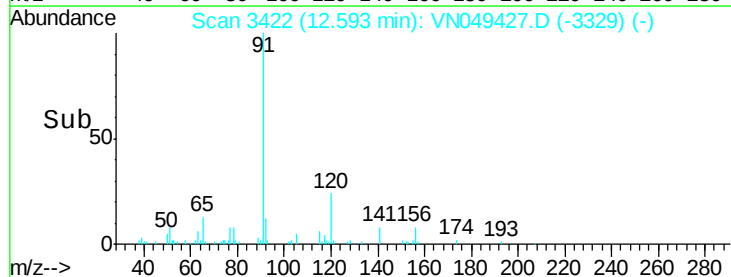
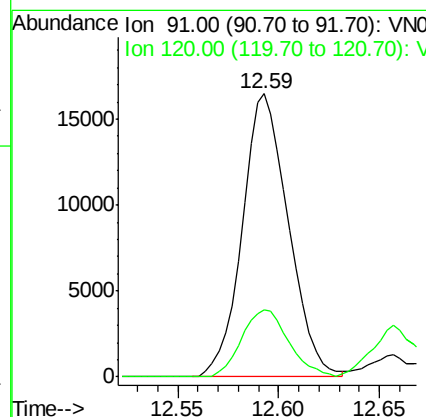
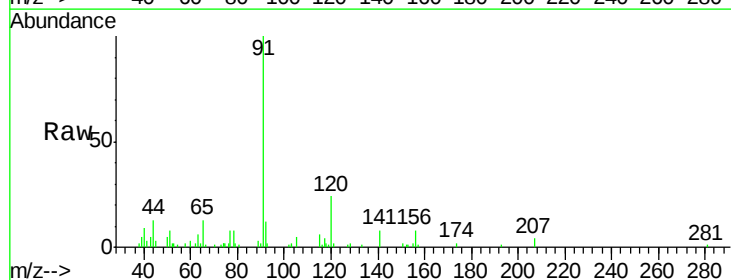
Instrument :
 MSVOA_N
 ClientSampled :

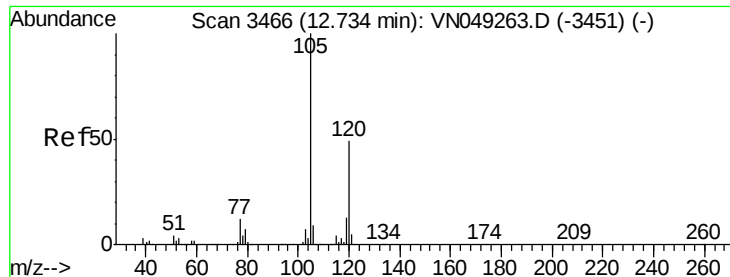
Tot Ion: 75 Resp: 322624
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#78
 n-propylbenzene
 Concen: 0.535 ug/l
 RT: 12.59 min Scan# 3422
 Delta R.T. 0.00 min
 Lab File: VN049427.D
 Acq: 20 Jun 2018 10:02

Tgt Ion: 91 Resp: 26355
 Ion Ratio Lower Upper
 91 100
 120 24.1 11.2 33.5

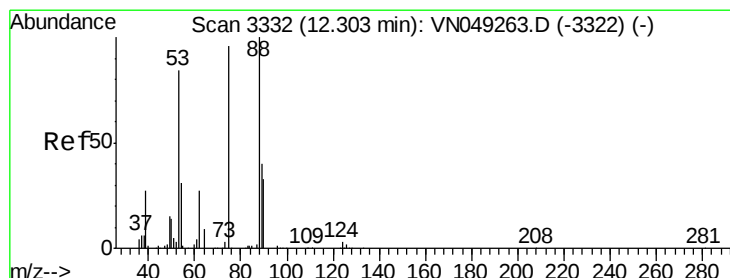
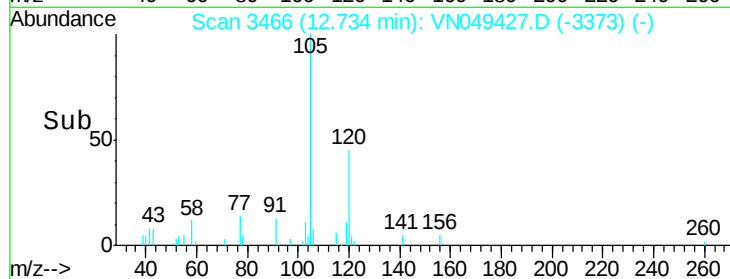
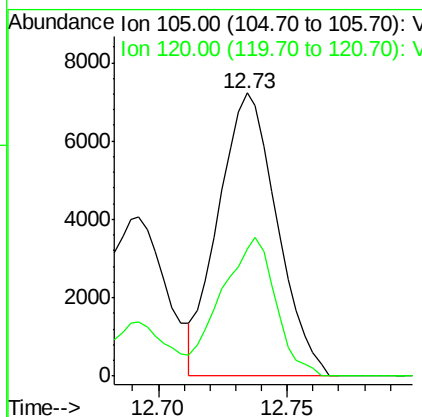
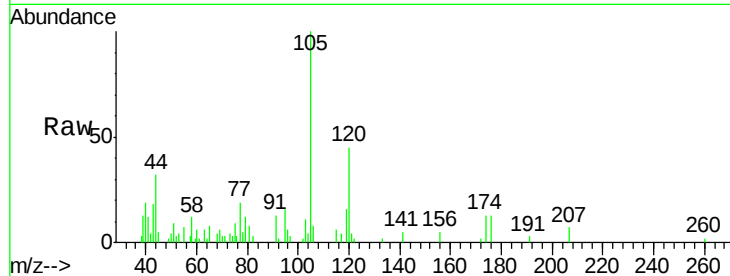




#80
 1,3,5-Trimethylbenzene
 Concen: 0.324 ug/l
 RT: 12.73 min Scan# 3466
 Delta R.T. 0.00 min
 Lab File: VN049427.D
 Acq: 20 Jun 2018 10:02

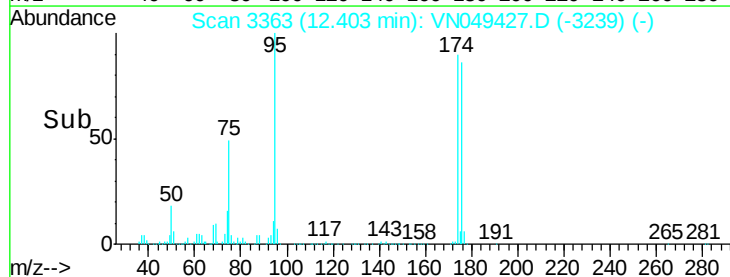
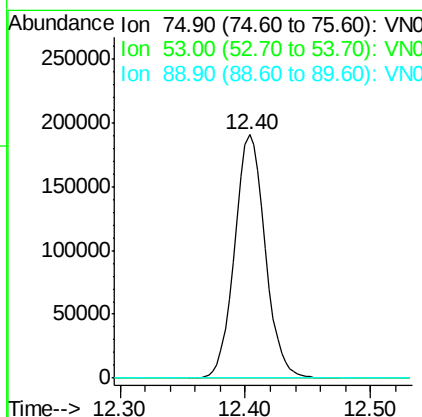
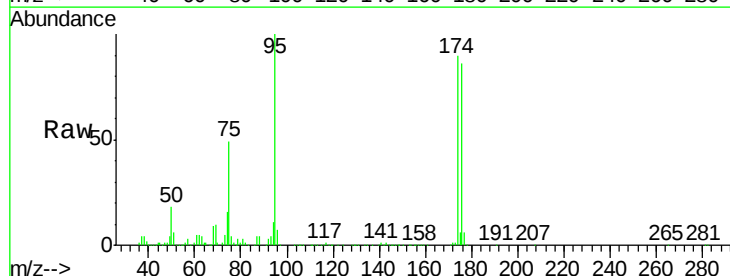
Instrument :
 MSVOA_N
 ClientSampleId :

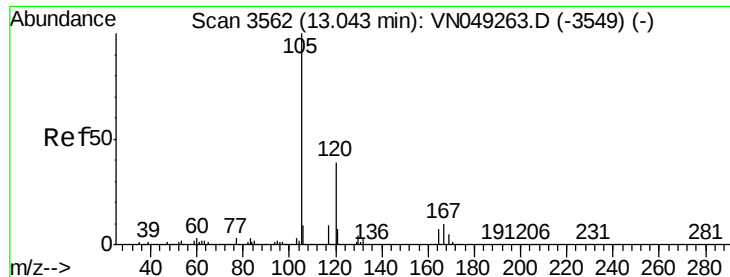
Tot Ion:105 Resp: 11427
 Ion Ratio Lower Upper
 105 100
 120 45.0 23.5 70.5



#81
 trans-1,4-Dichloro-2-butene
 Concen: 116.986 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.10 min
 Lab File: VN049427.D
 Acq: 20 Jun 2018 10:02

Tgt Ion: 75 Resp: 322624
 Ion Ratio Lower Upper
 75 100
 53 0.1 82.7 124.1#
 89 0.0 36.5 54.7#





#84

1,2,4-Trimethylbenzene

Concen: 1.043 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049427.D

Acq: 20 Jun 2018 10:02

Instrument :

MSVOA_N

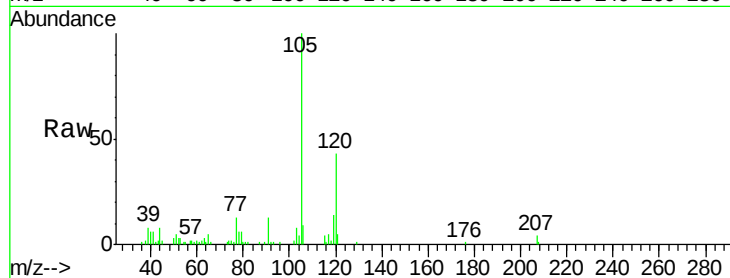
ClientSampleId :

Tot Ion:105 Resp: 36527

Ion Ratio Lower Upper

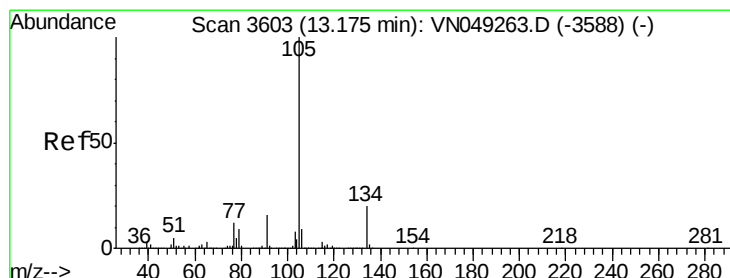
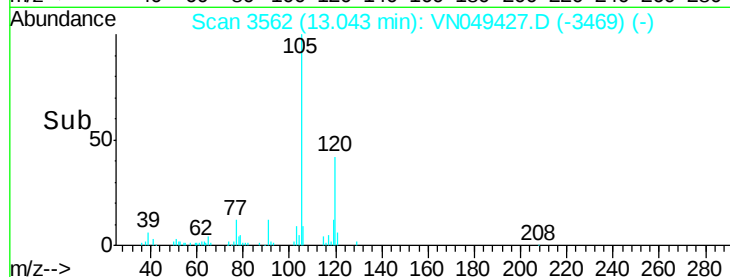
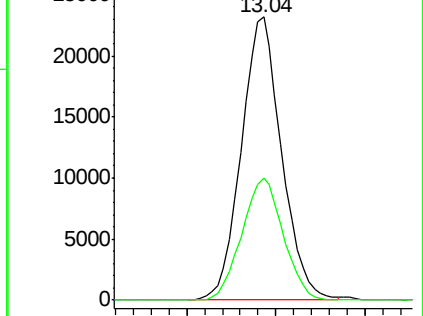
105 100

120 44.3 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 0.373 ug/l

RT: 13.17 min Scan# 3602

Delta R.T. -0.00 min

Lab File: VN049427.D

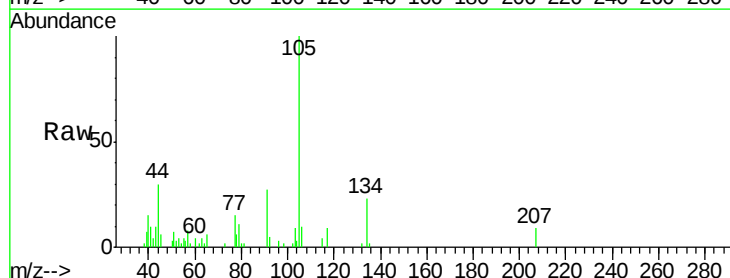
Acq: 20 Jun 2018 10:02

Tgt Ion:105 Resp: 15507

Ion Ratio Lower Upper

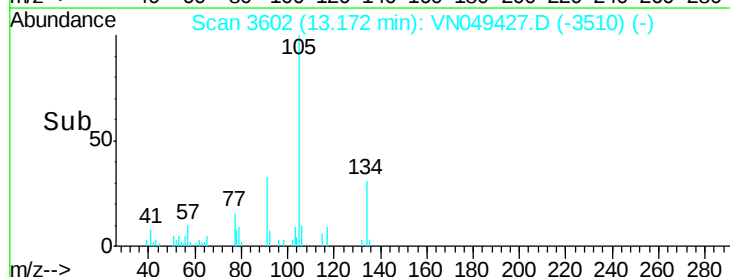
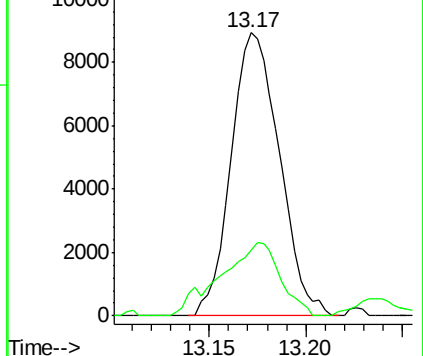
105 100

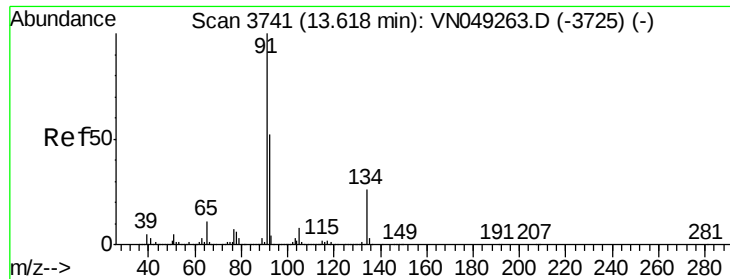
134 32.0 9.8 29.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

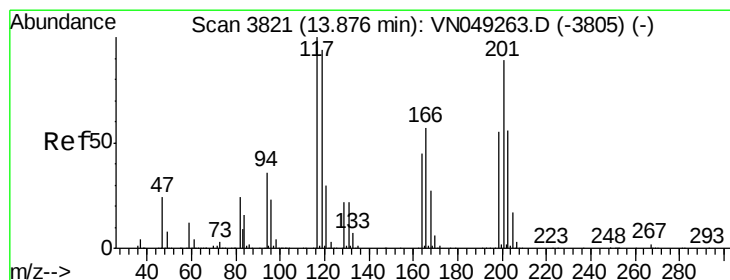
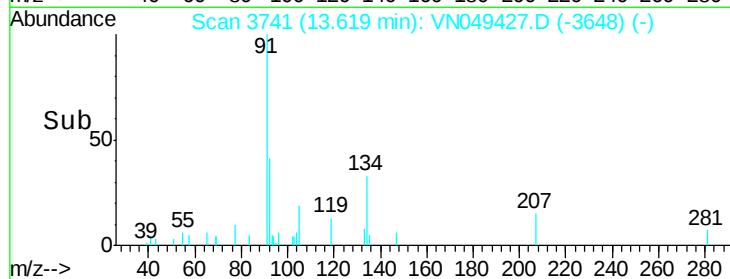
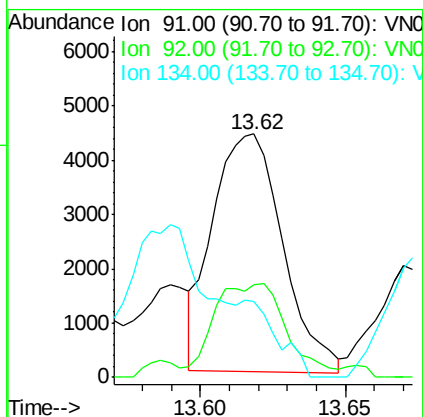
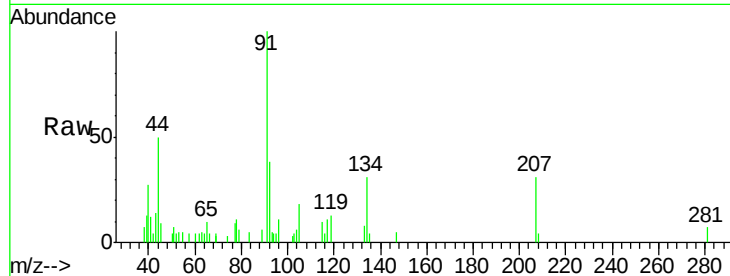




#89
n-Butylbenzene
Concen: 0.271 ug/l
RT: 13.62 min Scan# 3741
Delta R.T. 0.00 min
Lab File: VN049427.D
Acq: 20 Jun 2018 10:02

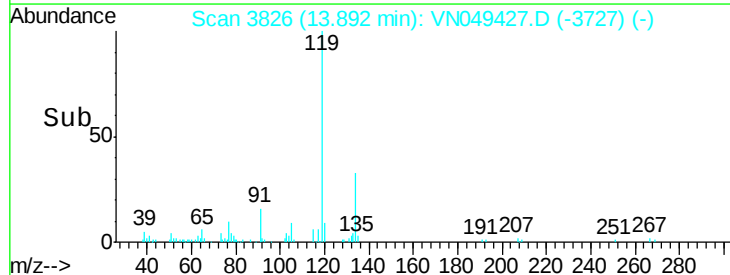
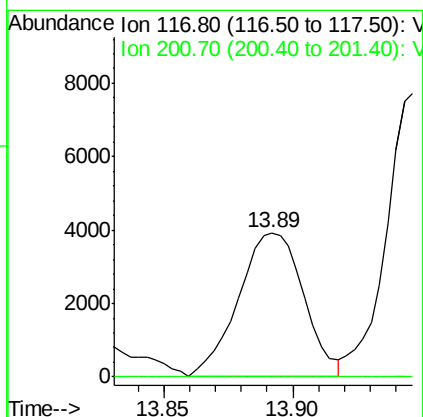
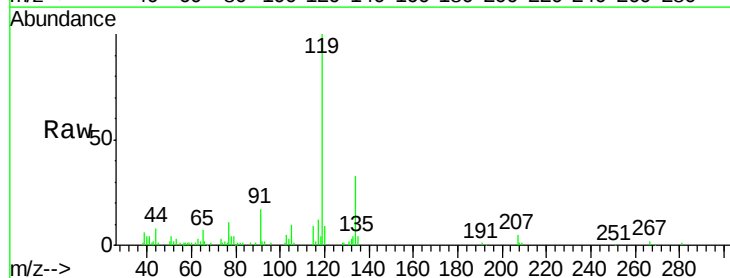
Instrument :
MSVOA_N
ClientSampleId :

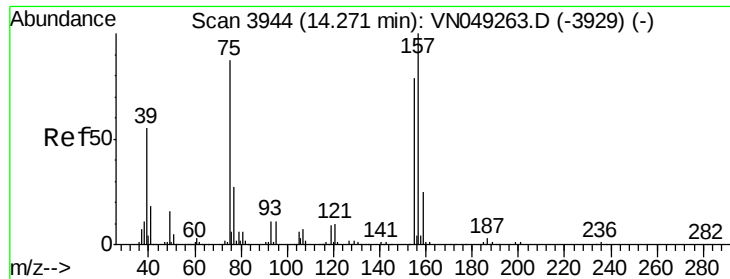
Tot Ion: 91 Resp: 7358
Ion Ratio Lower Upper
91 100
92 40.9 25.1 75.4
134 0.0 12.0 36.0#



#90
Hexachloroethane
Concen: Below Cal
RT: 13.89 min Scan# 3826
Delta R.T. 0.02 min
Lab File: VN049427.D
Acq: 20 Jun 2018 10:02

Tgt Ion: 117 Resp: 6920
Ion Ratio Lower Upper
117 100
201 0.0 40.1 120.2#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.249 ug/l

RT: 14.26 min Scan# 3940

Delta R.T. -0.01 min

Lab File: VN049427.D

Acq: 20 Jun 2018 10:02

Instrument :

MSVOA_N

ClientSampleId :

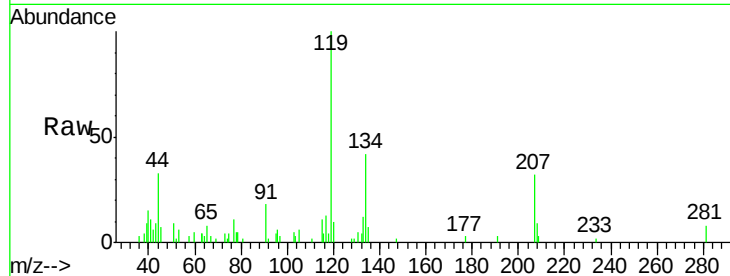
Tot Ion: 75 Resp: 389

Ion Ratio Lower Upper

75 100

155 0.0 38.8 116.3#

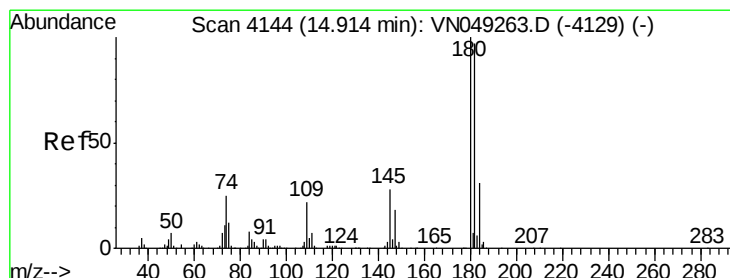
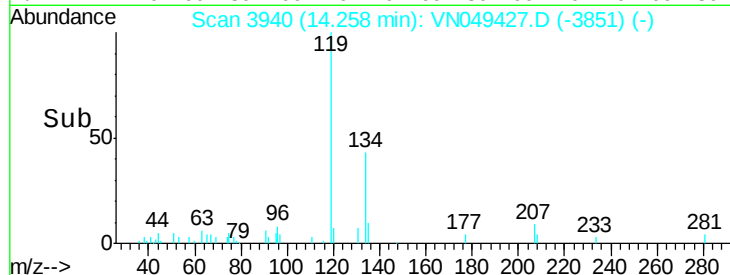
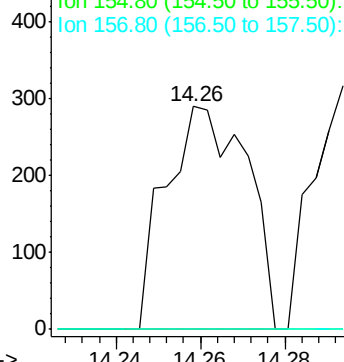
157 0.0 51.0 153.1#



Abundance Ion 74.90 (74.60 to 75.60): VN049263.D (-3929) (-)

Ion 154.80 (154.50 to 155.50): VN049263.D (-3929) (-)

Ion 156.80 (156.50 to 157.50): VN049263.D (-3929) (-)



#93

1,2,4-Trichlorobenzene

Concen: 4.920 ug/l

RT: 14.91 min Scan# 4143

Delta R.T. -0.00 min

Lab File: VN049427.D

Acq: 20 Jun 2018 10:02

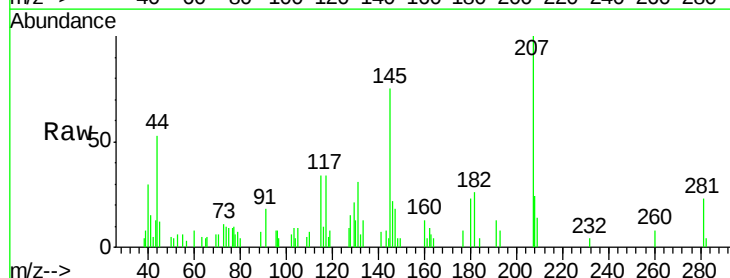
Tgt Ion: 180 Resp: 1711

Ion Ratio Lower Upper

180 100

182 100.6 46.9 140.8

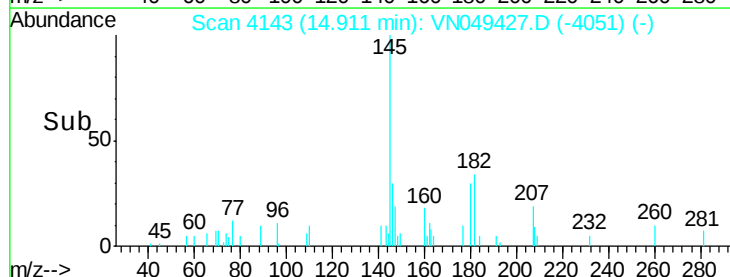
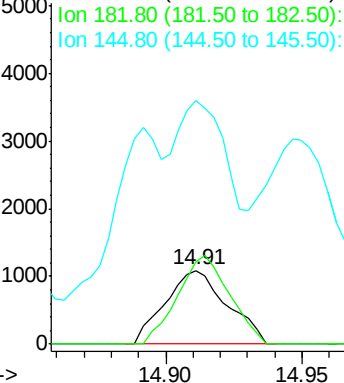
145 287.4 14.7 44.1#

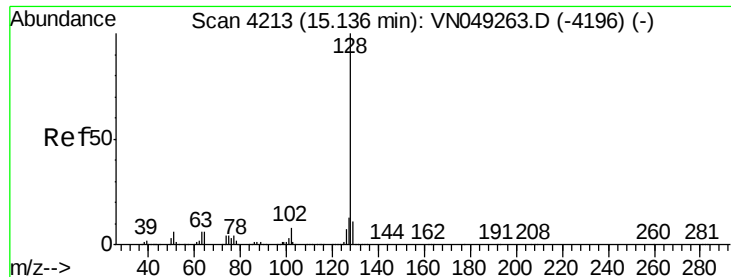


Abundance Ion 179.80 (179.50 to 180.50): VN049263.D (-4129) (-)

Ion 181.80 (181.50 to 182.50): VN049263.D (-4129) (-)

Ion 144.80 (144.50 to 145.50): VN049263.D (-4129) (-)

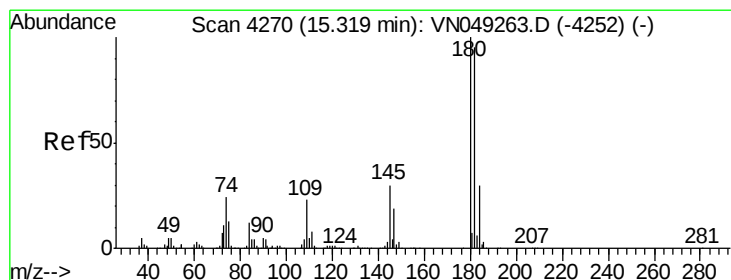
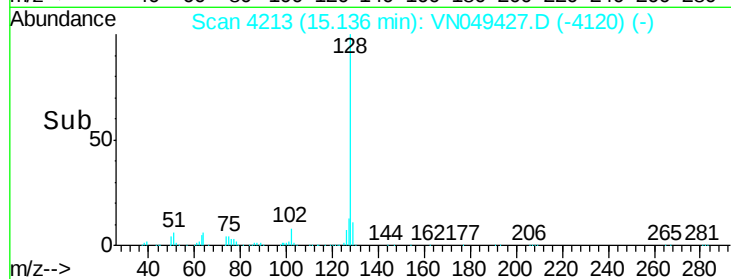
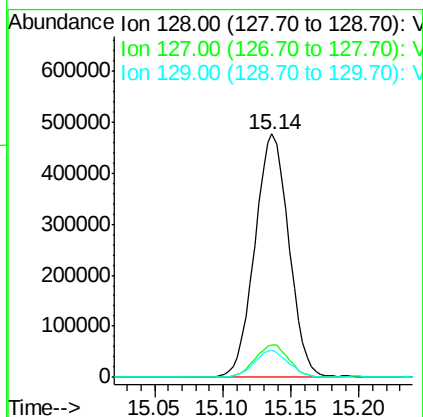
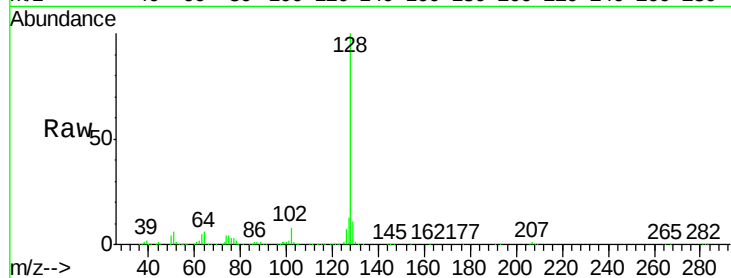




#95
Naphthalene
Concen: 52.693 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049427.D
Acq: 20 Jun 2018 10:02

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 826516
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 11.1 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 3.479 ug/l
RT: 15.33 min Scan# 4273
Delta R.T. 0.01 min
Lab File: VN049427.D
Acq: 20 Jun 2018 10:02

Tgt Ion:180 Resp: 199
Ion Ratio Lower Upper
180 100
182 0.0 47.3 141.8#
145 0.0 15.6 46.7#

