

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061918\
 Data File : VN049426.D
 Acq On : 20 Jun 2018 9:36
 Operator : MD\SY
 Sample : J3573-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 20 11:14:44 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	1124426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1810484	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1468911	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	451025	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	761181	51.04	ug/l	0.00
Spiked Amount			Recovery	=	102.08%	
35) Dibromofluoromethane	7.59	113	672548	45.92	ug/l	0.00
Spiked Amount			Recovery	=	91.84%	
50) Toluene-d8	10.09	98	2435315	43.66	ug/l	0.00
Spiked Amount			Recovery	=	87.32%	
62) 4-Bromofluorobenzene	12.40	95	633858	34.37	ug/l	0.00
Spiked Amount			Recovery	=	68.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.58	94	2635	0.282	ug/l #	62
11) Tert butyl alcohol	4.76	59	4251	4.857	ug/l #	75
13) Acrolein	3.60	56	427	0.465	ug/l #	1
14) Allyl chloride	4.55	41	92623	4.550	ug/l #	20
16) Acetone	3.82	43	51607	14.252	ug/l	97
18) Methyl Acetate	4.33	43	108482	9.825	ug/l	97
20) Methylene Chloride	4.55	84	2650485	175.255	ug/l	92
25) 2-Butanone	6.85	43	9712	1.997	ug/l #	87
29) Tetrahydrofuran	7.21	42	718	0.229	ug/l #	57
30) Chloroform	7.37	83	20878	0.806	ug/l	98
31) Cyclohexane	7.67	56	20728	0.766	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	82211	3.962	ug/l #	51
37) Ethyl Acetate	6.85	43	9712	0.861	ug/l #	70
38) Carbon Tetrachloride	7.67	117	104473	4.863	ug/l #	17
43) Isopropyl Acetate	8.21	43	293397	13.613	ug/l #	65
47) Bromodichloromethane	9.41	83	7792	0.367	ug/l #	93
49) 1,4-Dioxane	9.20	88	66	0.471	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	6177	0.547	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.90	63	63	14.337	ug/l #	51
59) 2-Hexanone	10.86	43	16544	2.272	ug/l #	49
65) Chlorobenzene	11.43	112	13445	0.355	ug/l	92
71) Bromoform	12.40	173	4857	0.527	ug/l #	1
73) Isopropylbenzene	12.25	105	10620	0.268	ug/l	90
74) N-ethyl acetate	12.05	43	3737	0.385	ug/l #	55
75) 1,1,2,2-Tetrachloroethane	12.57	83	106	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.40	75	305210	39.660	ug/l #	100
78) n-propylbenzene	12.59	91	25809	0.594	ug/l	93
81) trans-1,4-Dichloro-2-buten	12.40	75	305210	125.348	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.04	105	6569	0.212	ug/l	94
85) sec-Butylbenzene	13.17	105	17227	0.469	ug/l	79
90) Hexachloroethane	13.89	117	5385	Below Cal	#	9
93) 1,2,4-Trichlorobenzene	14.91	180	85	4.753	ug/l #	1
95) Naphthalene	15.14	128	24640	4.041	ug/l	99

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Response via : Initial Calibration

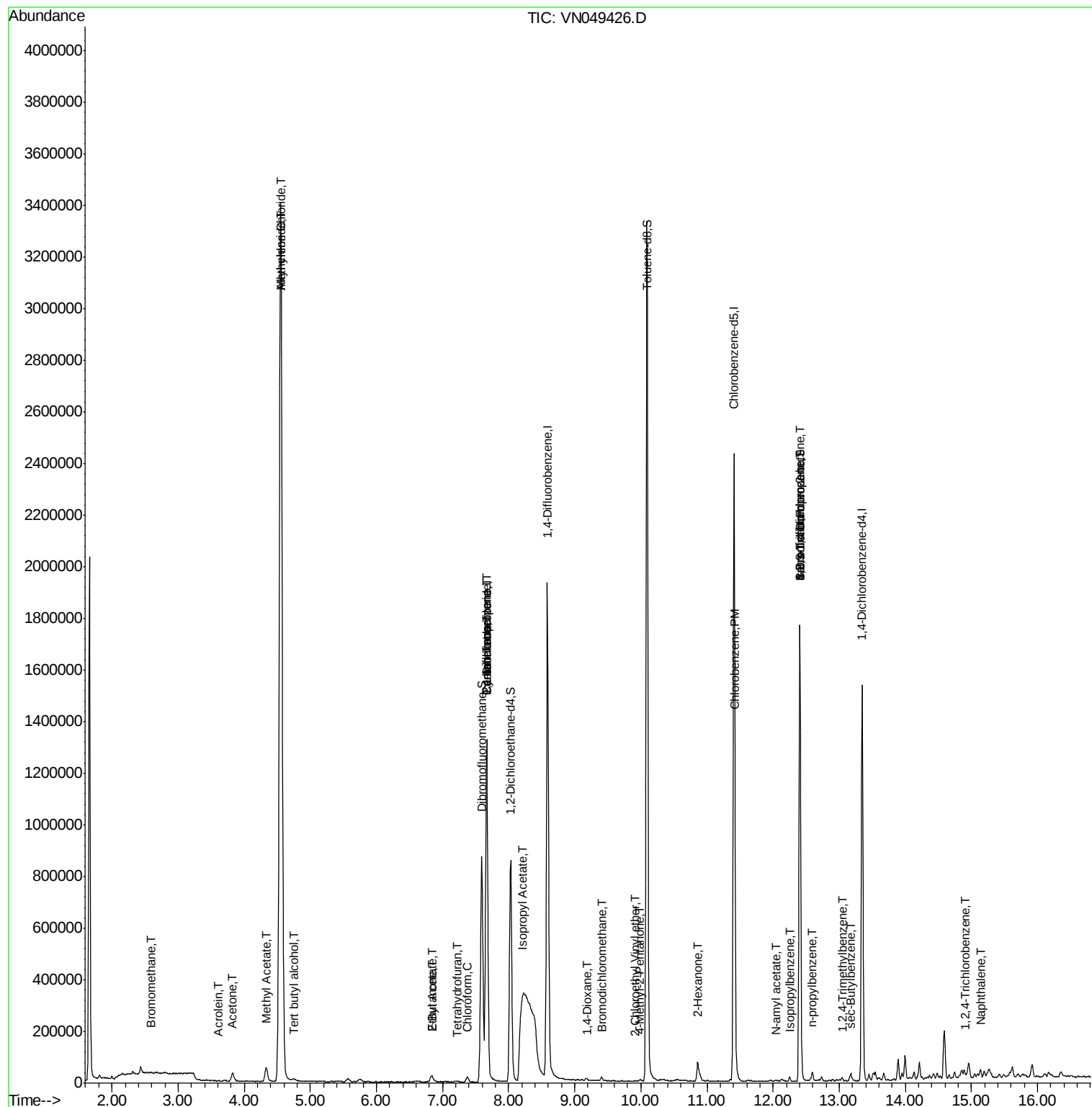
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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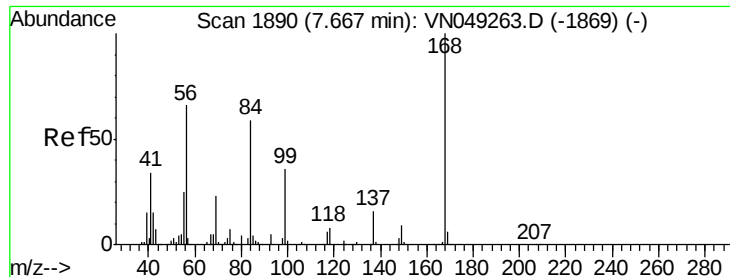
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061918\
Data File : VN049426.D
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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: VN049426.D

Acq: 20 Jun 2018 9:36

Instrument :

MSVOA_N

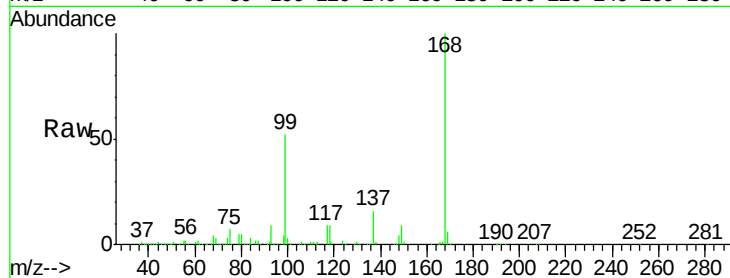
ClientSampleId :

Tot Ion:168 Resp: 1124426

Ion Ratio Lower Upper

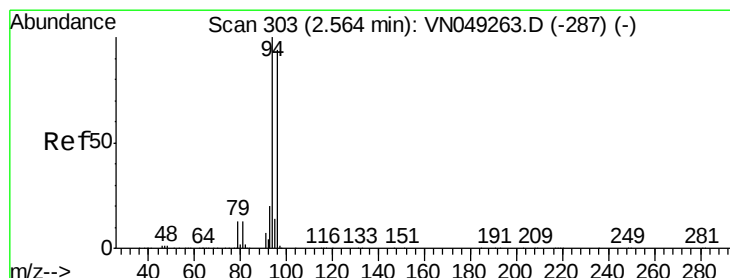
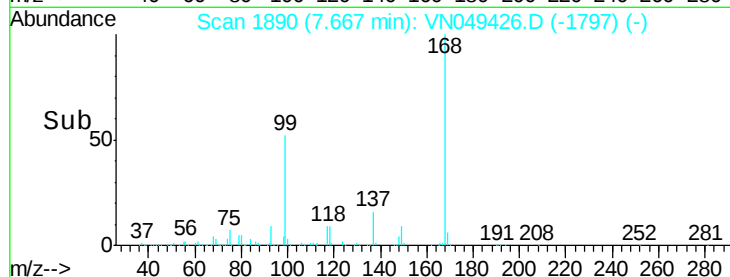
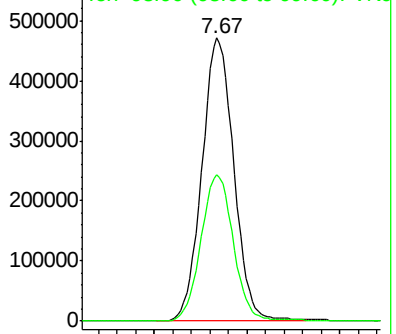
168 100

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): VNO



#5

Bromomethane

Concen: 0.282 ug/l

RT: 2.58 min Scan# 308

Delta R.T. 0.02 min

Lab File: VN049426.D

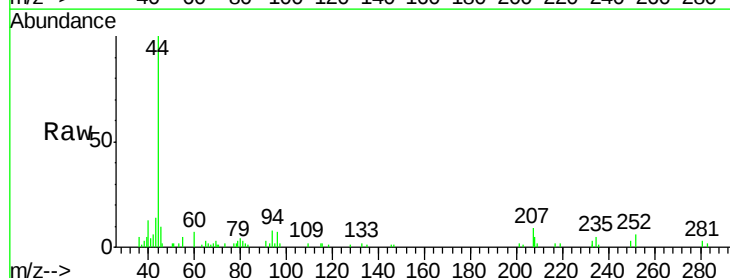
Acq: 20 Jun 2018 9:36

Tgt Ion: 94 Resp: 2635

Ion Ratio Lower Upper

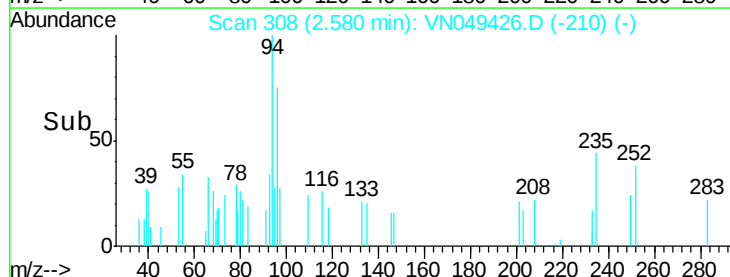
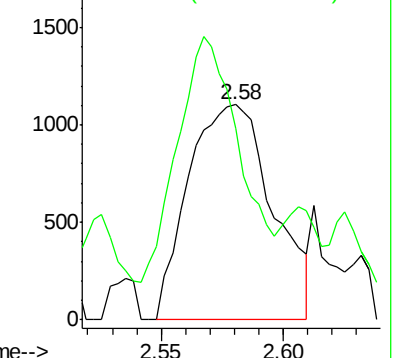
94 100

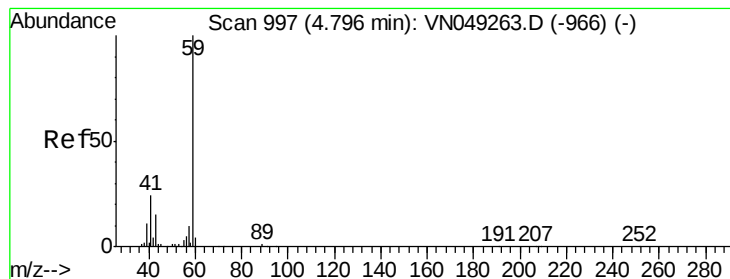
96 54.5 72.8 109.2#



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



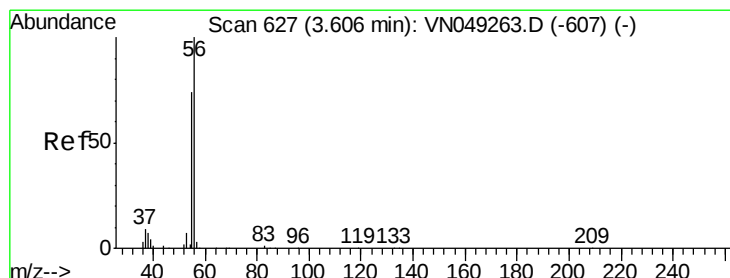
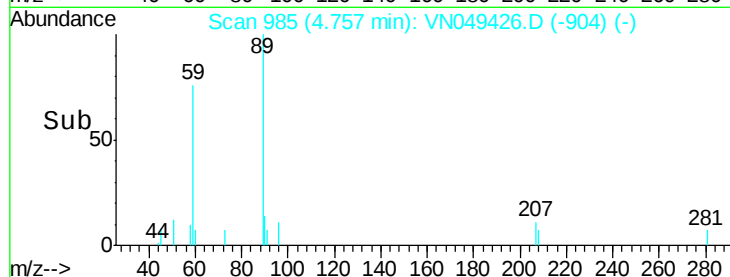
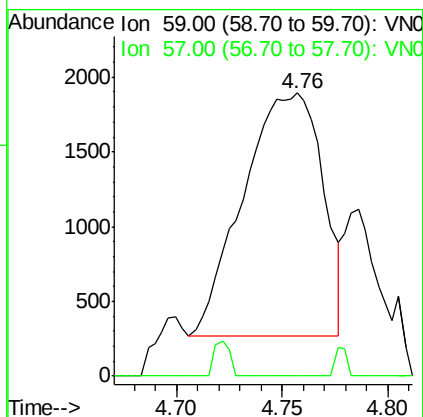
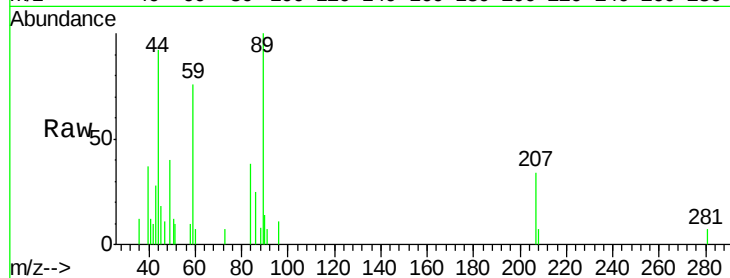


#11

Tert butyl alcohol
 Concen: 4.857 ug/l
 RT: 4.76 min Scan# 985
 Delta R.T. -0.04 min
 Lab File: VN049426.D
 Acq: 20 Jun 2018 9:36

Instrument :
 MSVOA_N
 ClientSampled :

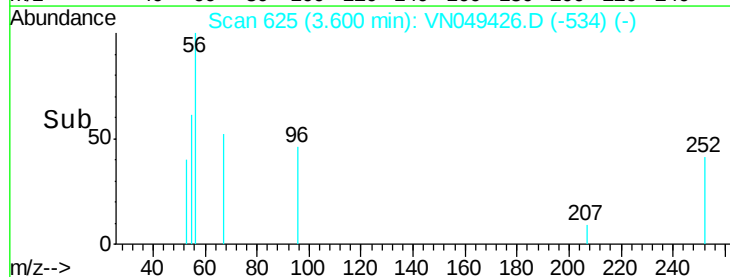
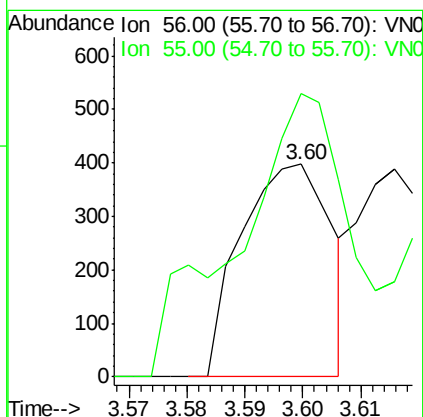
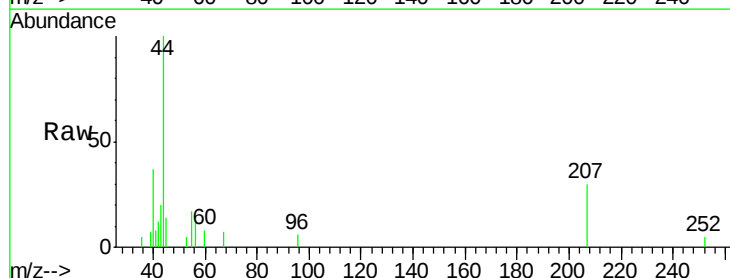
Tot Ion: 59 Resp: 4251
 Ion Ratio Lower Upper
 59 100
 57 1.7 9.0 13.6#

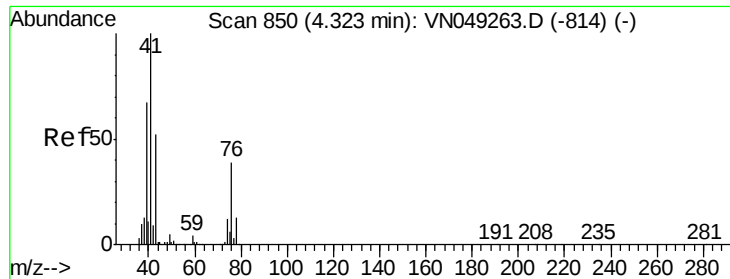


#13

Acrolein
 Concen: 0.465 ug/l
 RT: 3.60 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: VN049426.D
 Acq: 20 Jun 2018 9:36

Tgt Ion: 56 Resp: 427
 Ion Ratio Lower Upper
 56 100
 55 163.0 57.1 85.7#

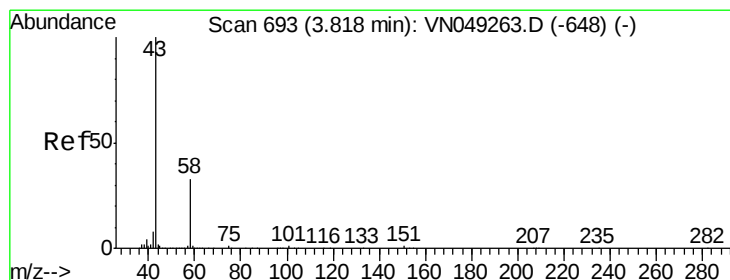
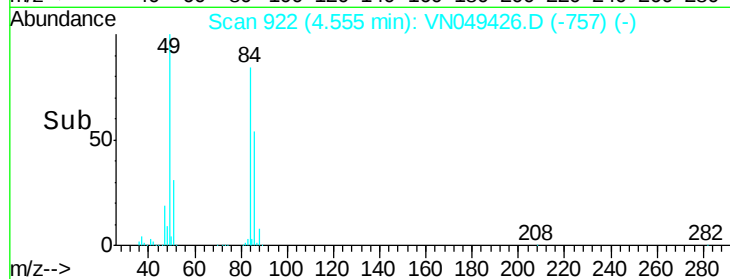
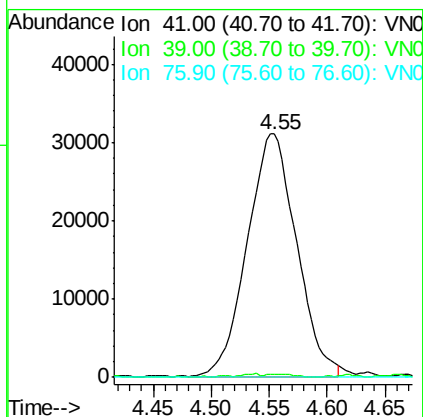
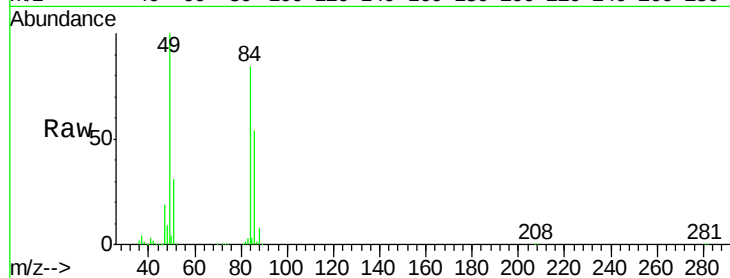




#14
Allvl chloride
Concen: 4.550 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.23 min
Lab File: VN049426.D
Acq: 20 Jun 2018 9:36

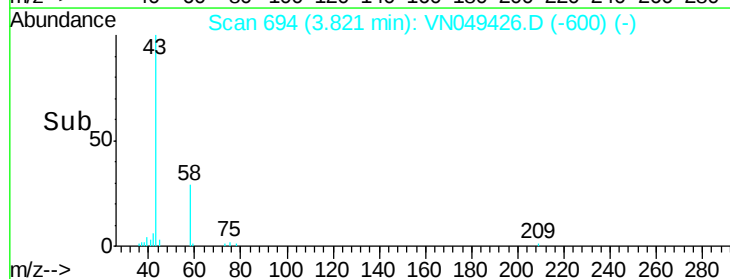
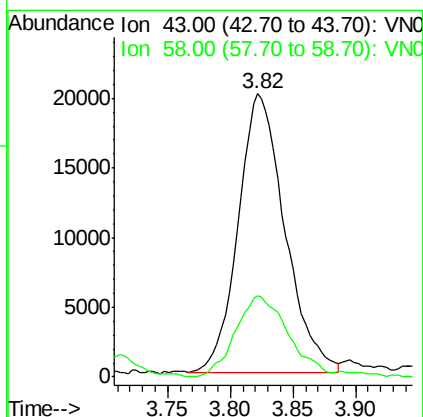
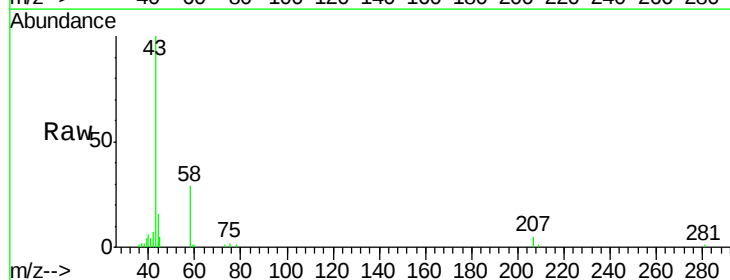
Instrument :
MSVOA_N
ClientSampleId :

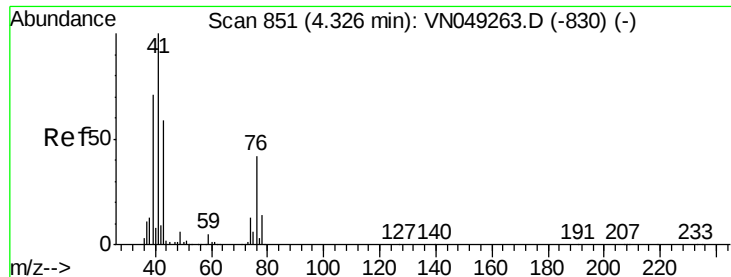
Tot Ion: 41 Resp: 92623
Ion Ratio Lower Upper
41 100
39 0.7 62.5 93.7#
76 0.0 27.1 40.7#



#16
Acetone
Concen: 14.252 ug/l
RT: 3.82 min Scan# 694
Delta R.T. 0.00 min
Lab File: VN049426.D
Acq: 20 Jun 2018 9:36

Tgt Ion: 43 Resp: 51607
Ion Ratio Lower Upper
43 100
58 29.3 22.4 33.6

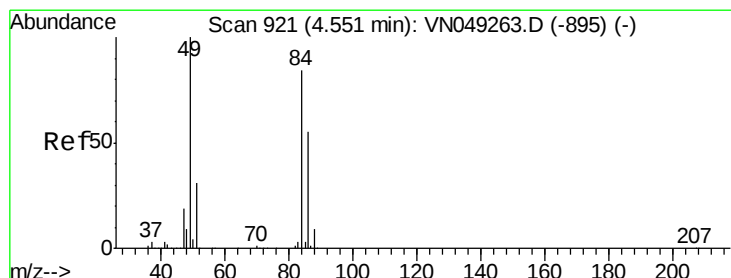
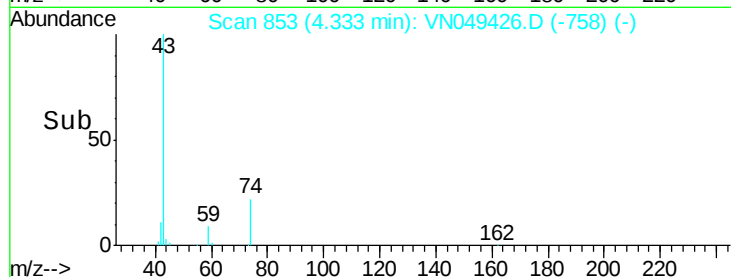
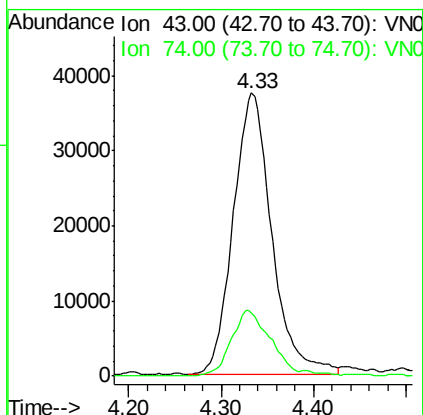
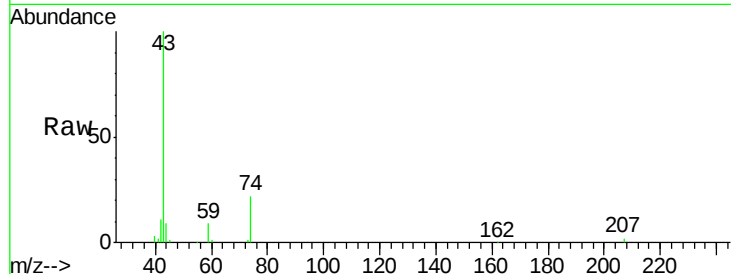




#18
Methvl Acetate
Concen: 9.825 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049426.D
Acq: 20 Jun 2018 9:36

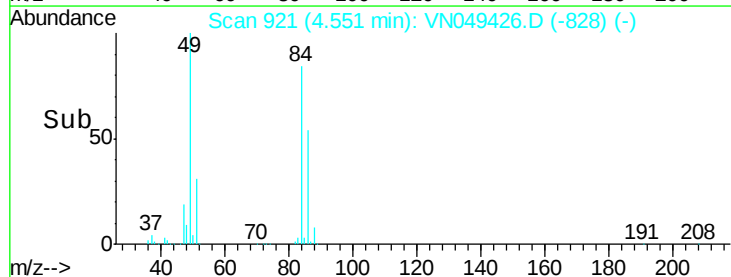
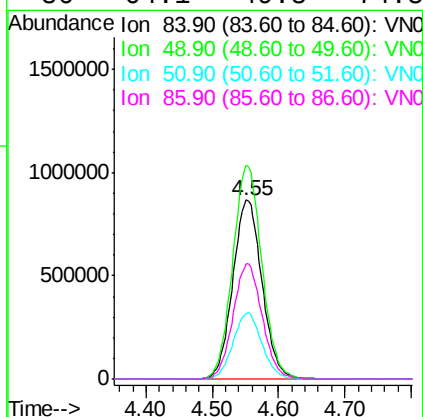
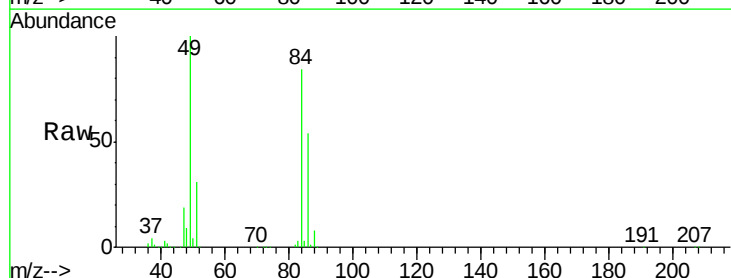
Instrument :
MSVOA_N
ClientSampled :

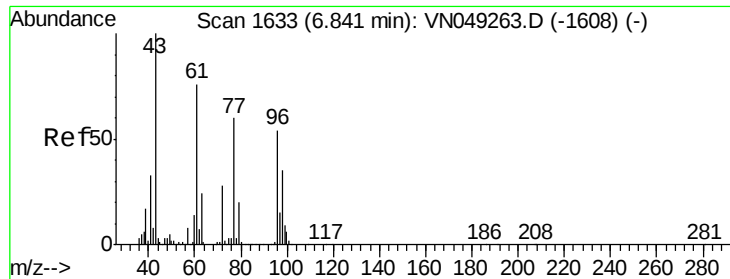
Tot Ion: 43 Resp: 108482
Ion Ratio Lower Upper
43 100
74 23.3 17.4 26.0



#20
Methylene Chloride
Concen: 175.255 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049426.D
Acq: 20 Jun 2018 9:36

Tgt Ion: 84 Resp: 2650485
Ion Ratio Lower Upper
84 100
49 119.5 106.9 160.3
51 36.8 32.7 49.1
86 64.1 49.8 74.8

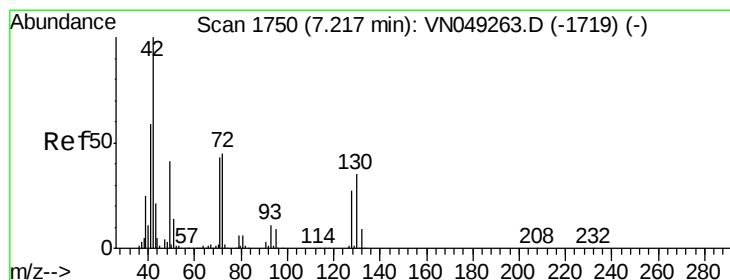
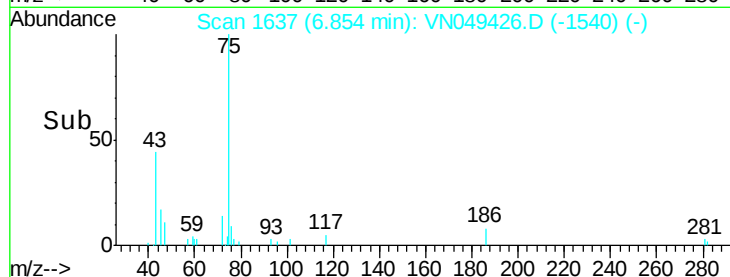
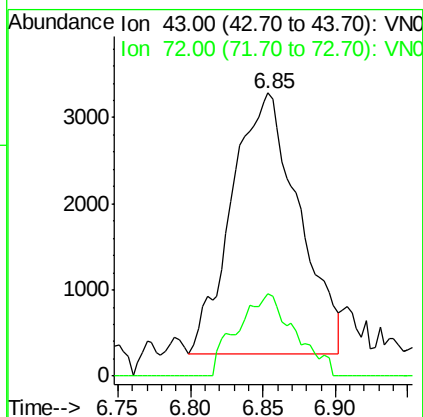
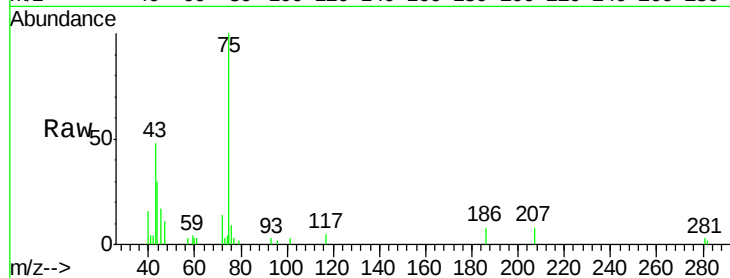




#25
2-Butanone
Concen: 1.997 ug/l
RT: 6.85 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VN049426.D
Acq: 20 Jun 2018 9:36

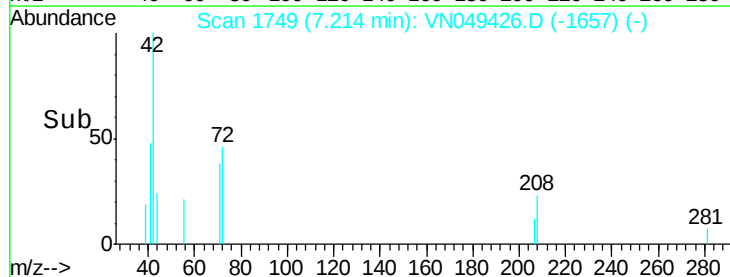
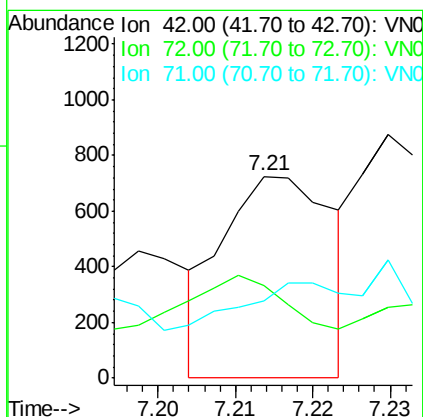
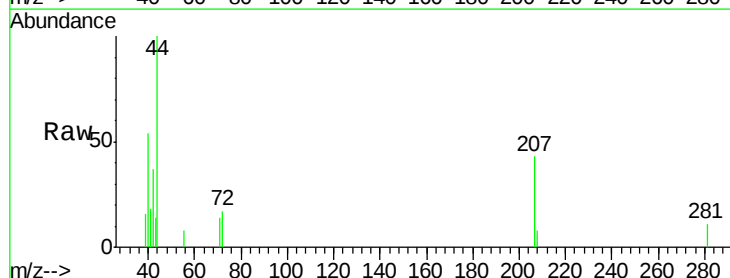
Instrument :
MSVOA_N
ClientSampled :

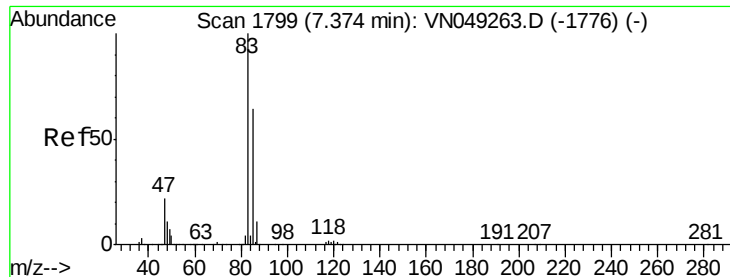
Tot Ion: 43 Resp: 9712
Ion Ratio Lower Upper
43 100
72 31.5 20.2 30.2#



#29
Tetrahydrofuran
Concen: 0.229 ug/l
RT: 7.21 min Scan# 1749
Delta R.T. -0.00 min
Lab File: VN049426.D
Acq: 20 Jun 2018 9:36

Tgt Ion: 42 Resp: 718
Ion Ratio Lower Upper
42 100
72 77.9 32.2 48.4#
71 23.4 30.5 45.7#

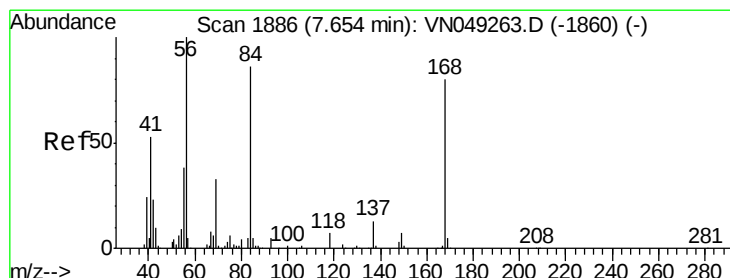
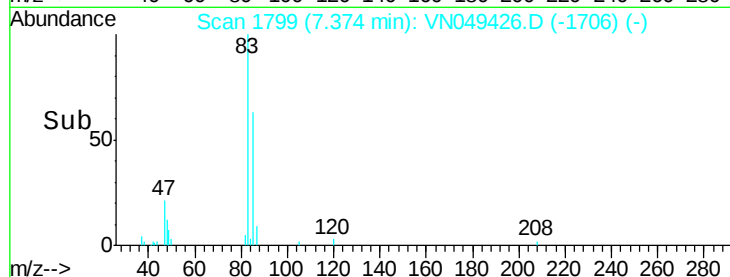
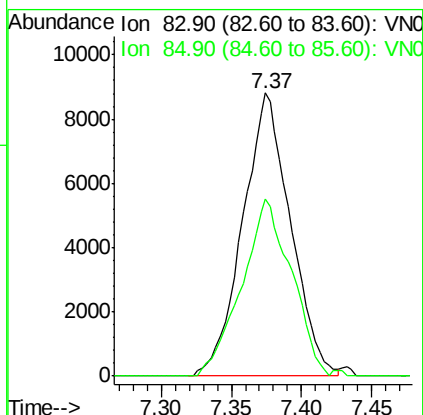
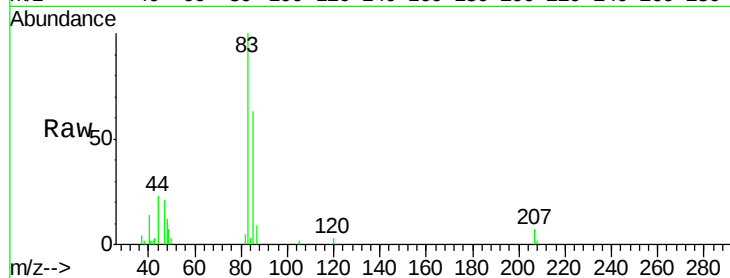




#30
Chloroform
Concen: 0.806 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN049426.D
Acq: 20 Jun 2018 9:36

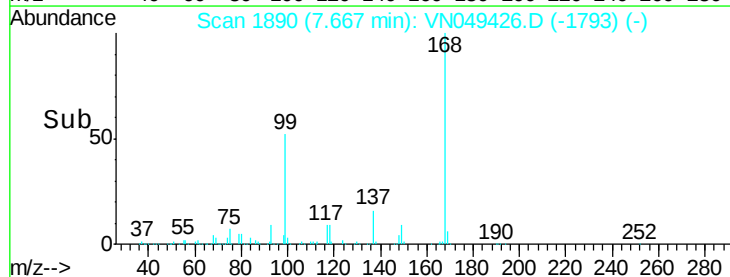
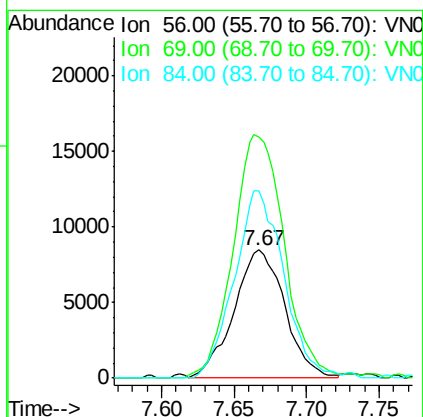
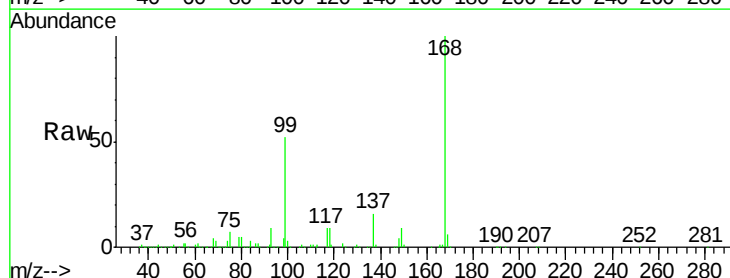
Instrument :
MSVOA_N
ClientSampled :

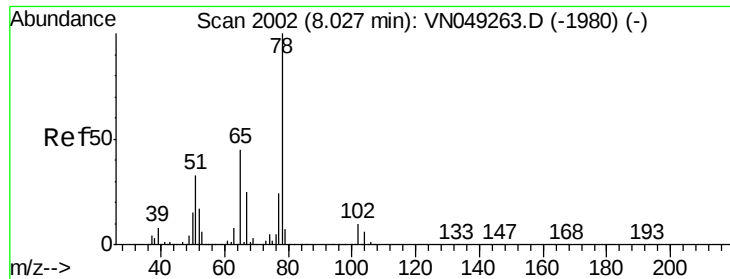
Tot Ion: 83 Resp: 20878
Ion Ratio Lower Upper
83 100
85 62.8 51.7 77.5



#31
Cyclohexane
Concen: 0.766 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN049426.D
Acq: 20 Jun 2018 9:36

Tgt Ion: 56 Resp: 20728
Ion Ratio Lower Upper
56 100
69 185.8 25.0 37.4#
84 146.3 64.6 96.8#





#33

1,2-Dichloroethane-d4

Concen: 51.039 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049426.D

Acq: 20 Jun 2018 9:36

Instrument :

MSVOA_N

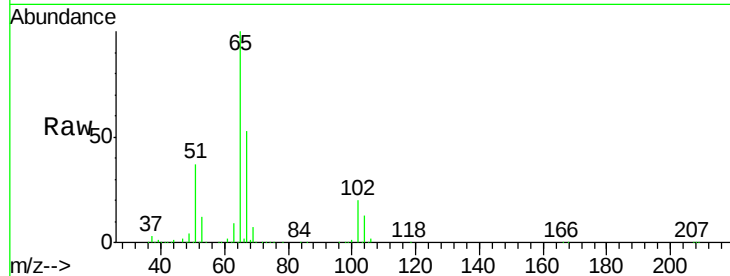
ClientSampleId :

Tot Ion: 65 Resp: 761181

Ion Ratio Lower Upper

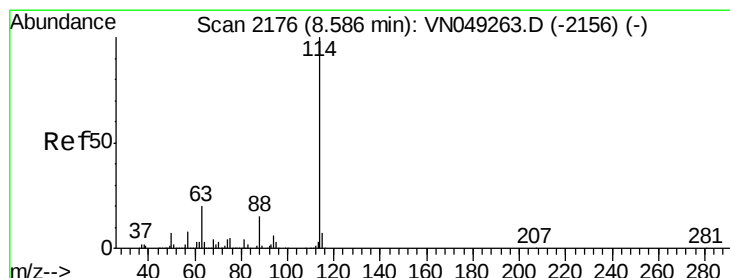
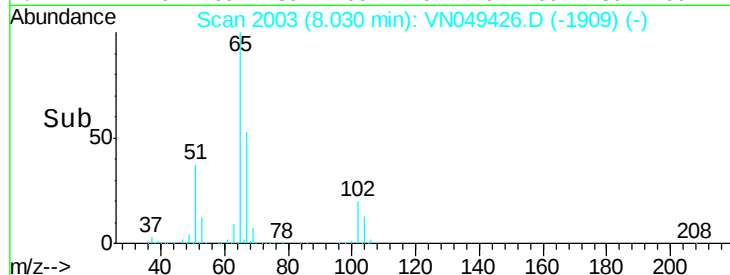
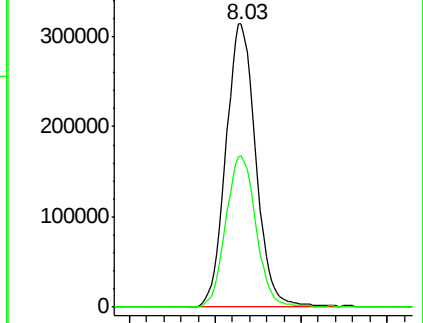
65 100

67 53.6 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: 50.000 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049426.D

Acq: 20 Jun 2018 9:36

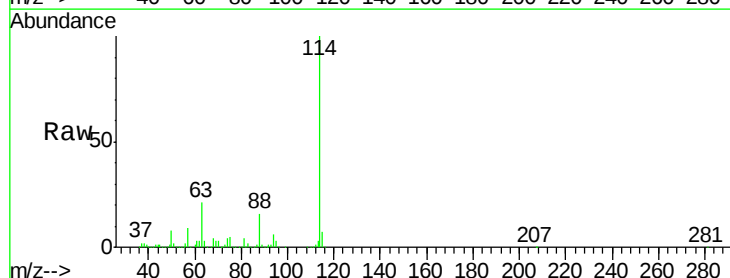
Tgt Ion:114 Resp: 1810484

Ion Ratio Lower Upper

114 100

63 20.7 0.0 44.4

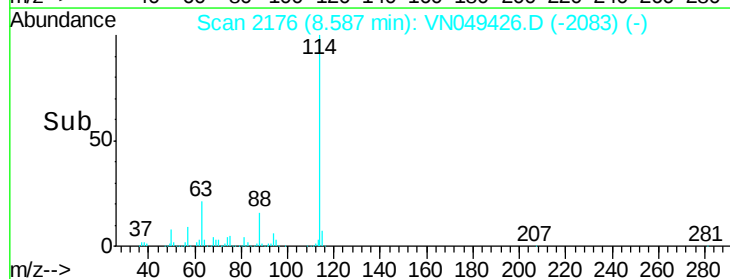
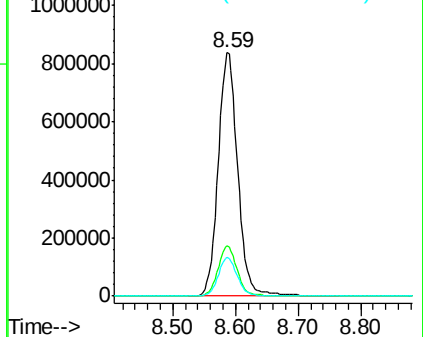
88 15.9 0.0 31.4

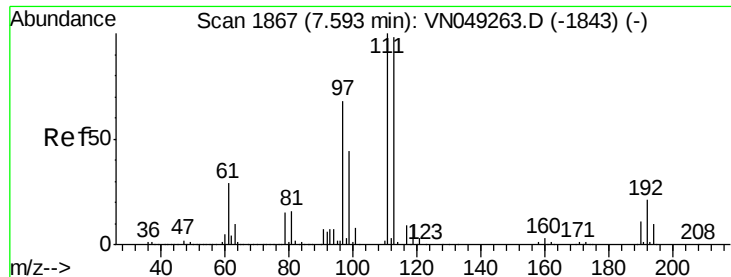


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

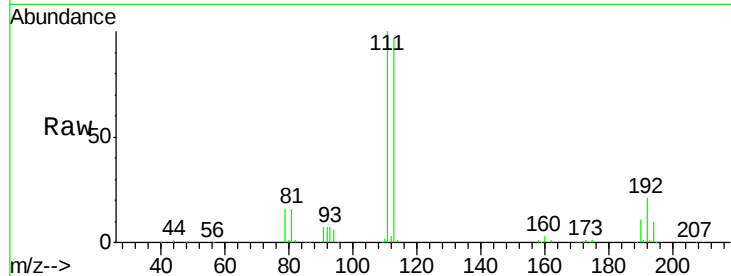




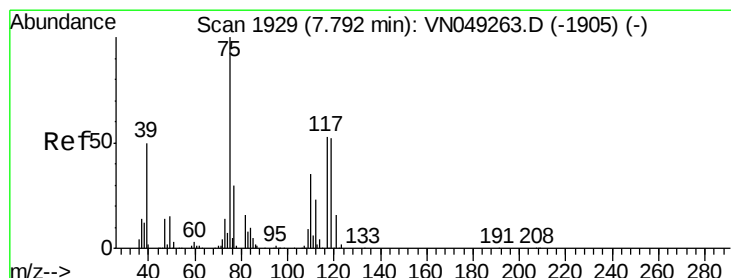
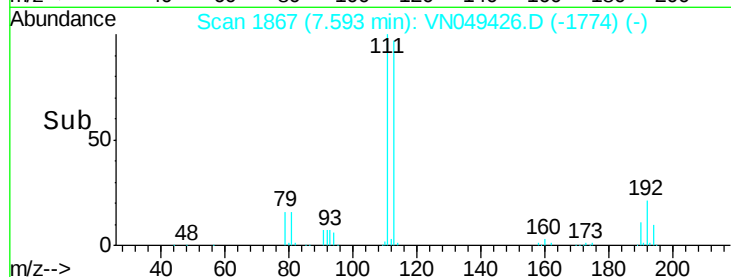
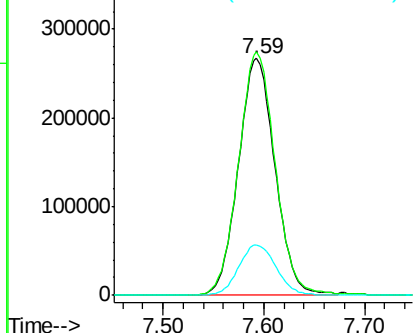
#35
 Dibromofluoromethane
 Concen: 45.915 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049426.D
 Acq: 20 Jun 2018 9:36

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 672548
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.4 123.6
 192 21.9 15.0 22.6

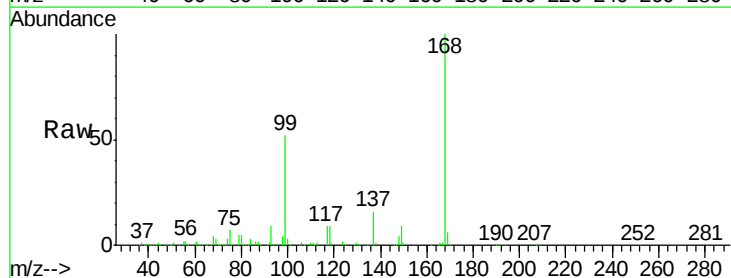


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

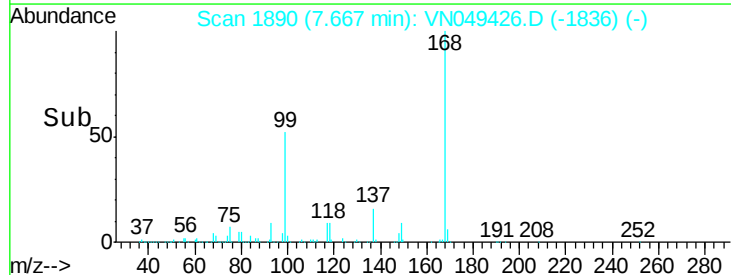
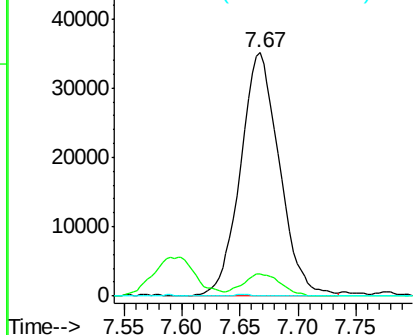


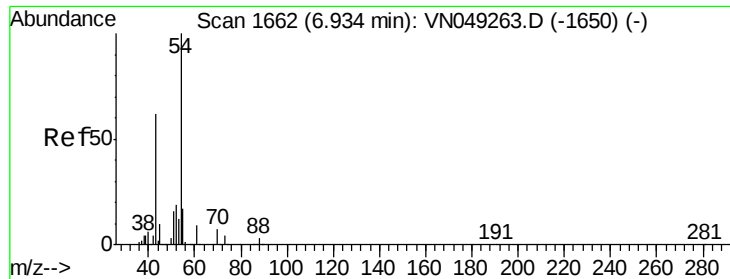
#36
 1,1-Dichloropropene
 Concen: 3.962 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN049426.D
 Acq: 20 Jun 2018 9:36

Tgt Ion: 75 Resp: 82211
 Ion Ratio Lower Upper
 75 100
 110 9.1 17.0 50.9#
 77 0.2 24.4 36.6#



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

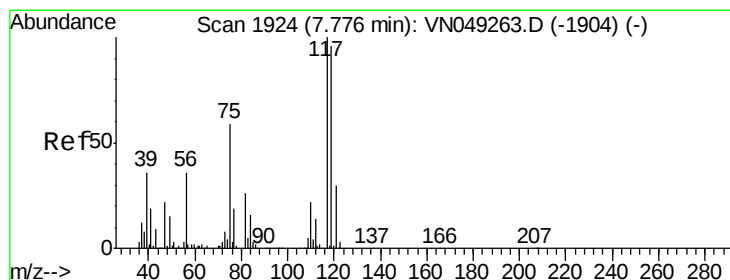
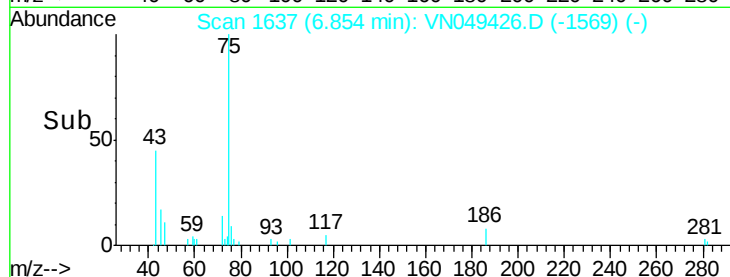
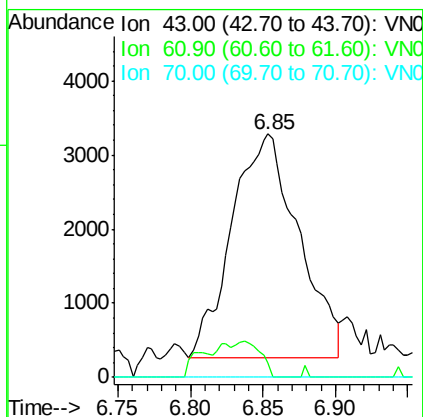
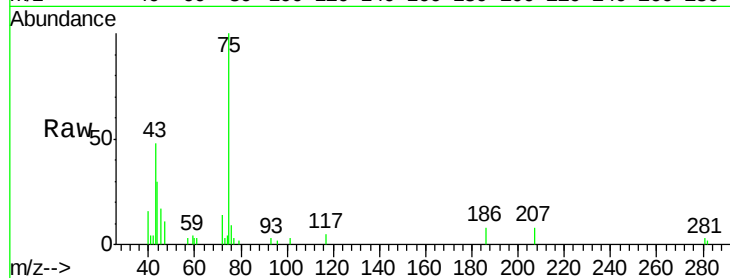




#37
Ethyl Acetate
Concen: 0.861 ug/l
RT: 6.85 min Scan# 1637
Delta R.T. -0.08 min
Lab File: VN049426.D
Acq: 20 Jun 2018 9:36

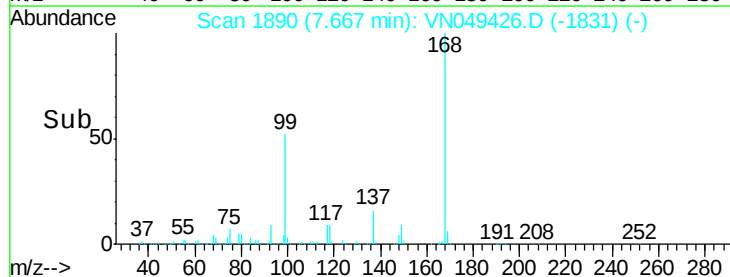
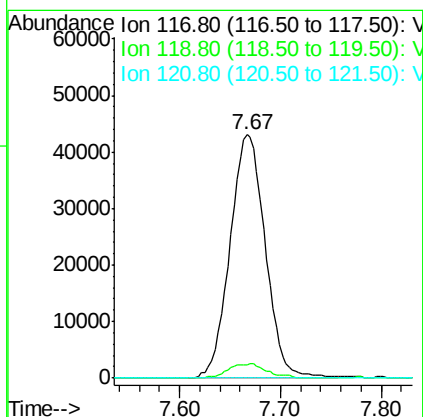
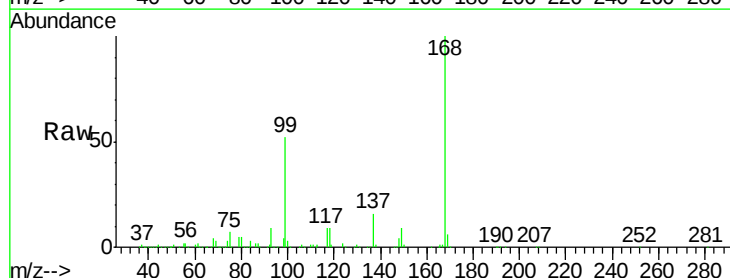
Instrument :
MSVOA_N
ClientSampleId :

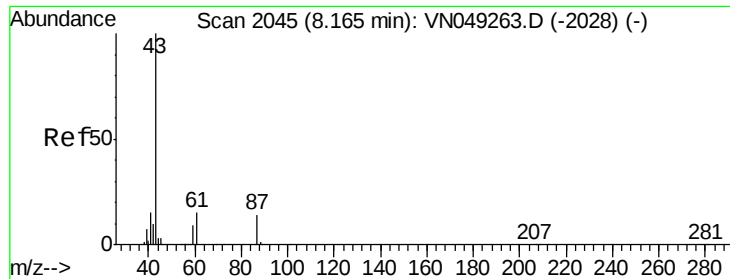
Tot Ion: 43 Resp: 9712
Ion Ratio Lower Upper
43 100
61 0.0 11.0 16.4#
70 0.0 7.2 10.8#



#38
Carbon Tetrachloride
Concen: 4.863 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN049426.D
Acq: 20 Jun 2018 9:36

Tgt Ion: 117 Resp: 104473
Ion Ratio Lower Upper
117 100
119 5.5 75.6 113.4#
121 0.0 24.7 37.1#





#43

Isopropyl Acetate

Concen: 13.613 ug/l

RT: 8.21 min Scan# 2058

Delta R.T. 0.04 min

Lab File: VN049426.D

Acq: 20 Jun 2018 9:36

Instrument :

MSVOA_N

ClientSampleId :

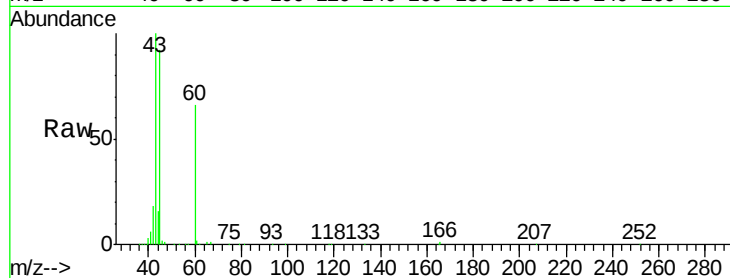
Tot Ion: 43 Resp: 293397

Ion Ratio Lower Upper

43 100

61 1.0 14.2 21.4#

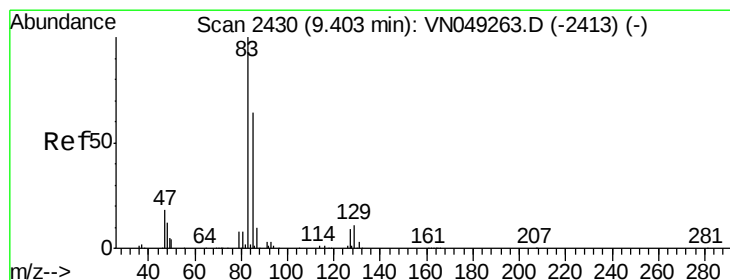
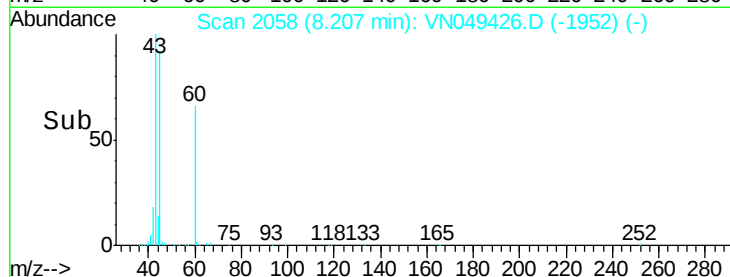
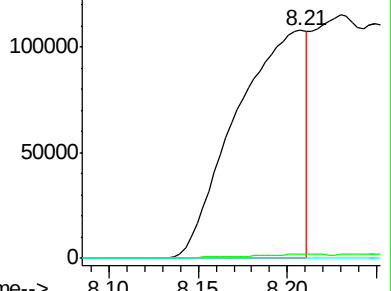
87 0.0 9.4 14.0#



Abundance Ion 43.00 (42.70 to 43.70): VN049426.D (-2058) (-)

Ion 61.00 (60.70 to 61.70): VN049426.D (-2058) (-)

Ion 87.00 (86.70 to 87.70): VN049426.D (-2058) (-)



#47

Bromodichloromethane

Concen: 0.367 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN049426.D

Acq: 20 Jun 2018 9:36

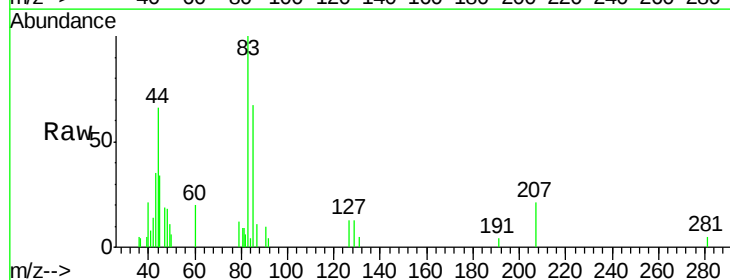
Tgt Ion: 83 Resp: 7792

Ion Ratio Lower Upper

83 100

85 66.8 49.4 74.0

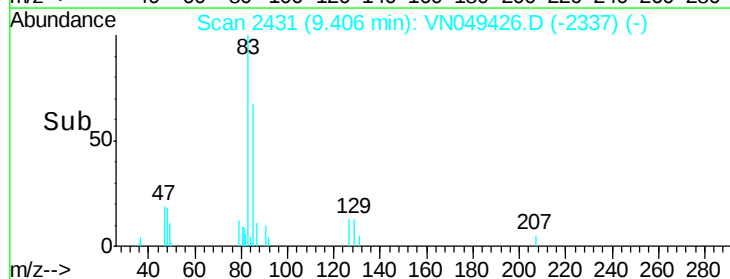
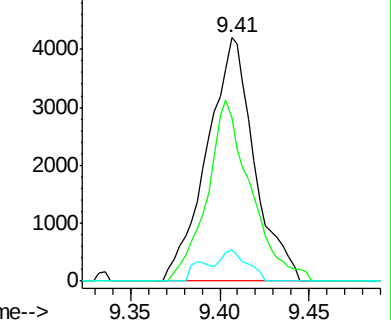
127 12.8 6.3 9.5#

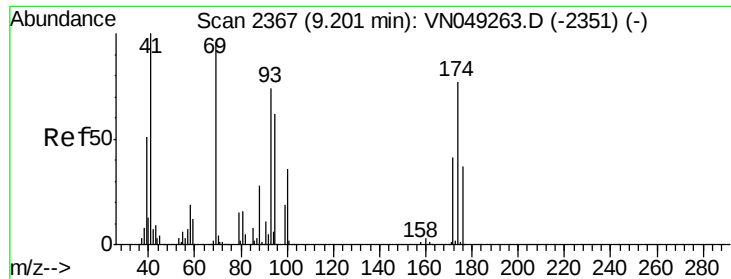


Abundance Ion 82.90 (82.60 to 83.60): VN049426.D (-2431) (-)

Ion 84.90 (84.60 to 85.60): VN049426.D (-2431) (-)

Ion 126.80 (126.50 to 127.50): VN049426.D (-2431) (-)

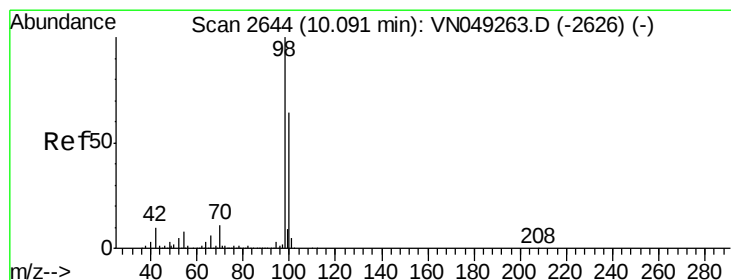
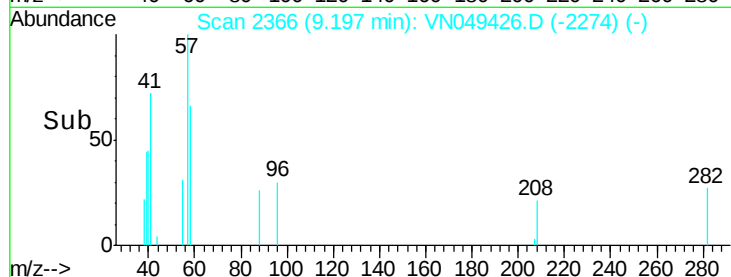
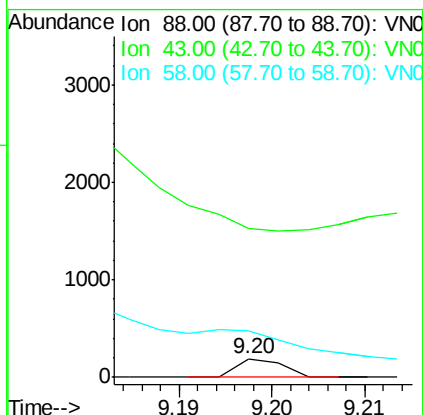
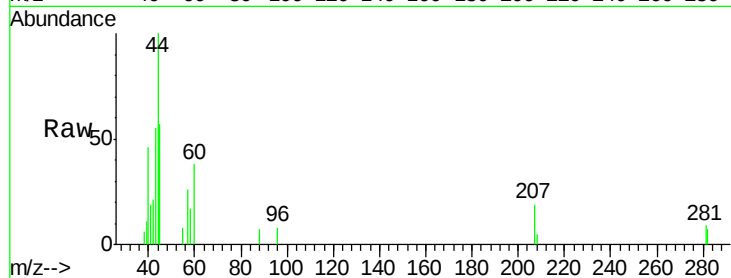




#49
1,4-Dioxane
Concen: 0.471 ug/l
RT: 9.20 min Scan# 2366
Delta R.T. -0.00 min
Lab File: VN049426.D
Acq: 20 Jun 2018 9:36

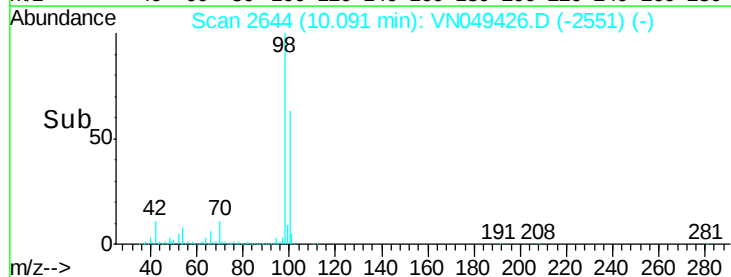
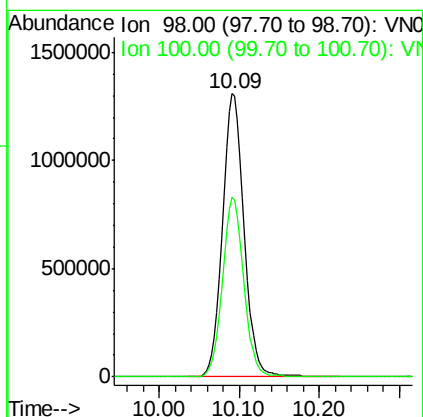
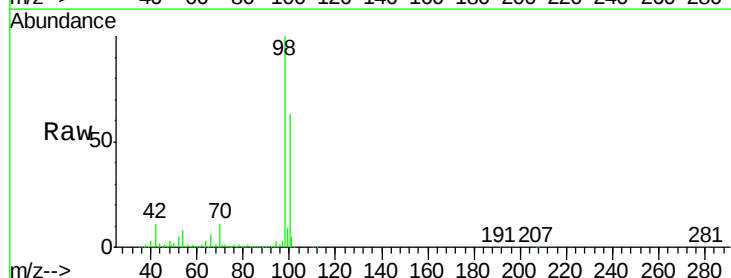
Instrument :
MSVOA_N
ClientSampleId :

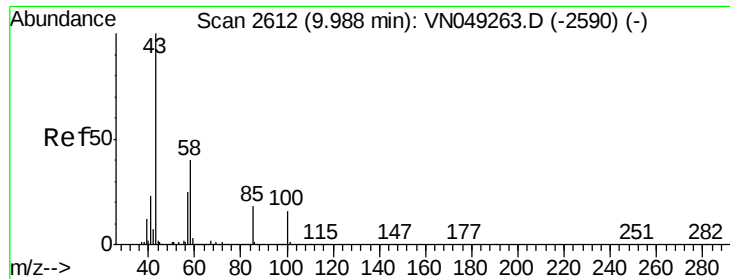
Tot Ion: 88 Resp: 66
Ion Ratio Lower Upper
88 100
43 340.9 30.9 46.3#
58 0.0 58.9 88.3#



#50
Toluene-d8
Concen: 43.665 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049426.D
Acq: 20 Jun 2018 9:36

Tgt Ion: 98 Resp: 2435315
Ion Ratio Lower Upper
98 100
100 62.5 49.8 74.8

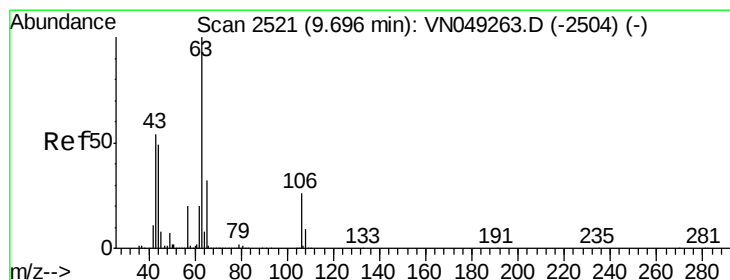
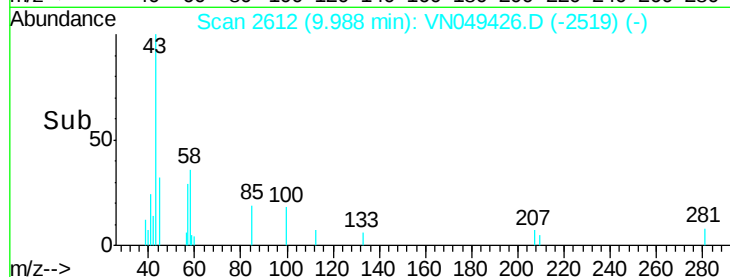
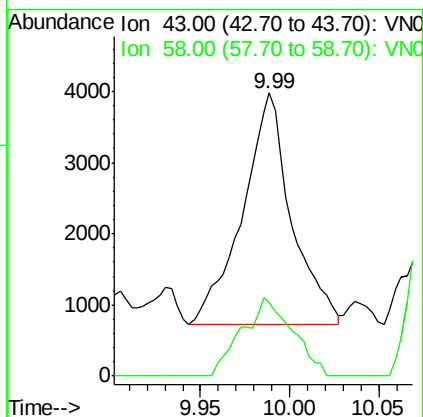
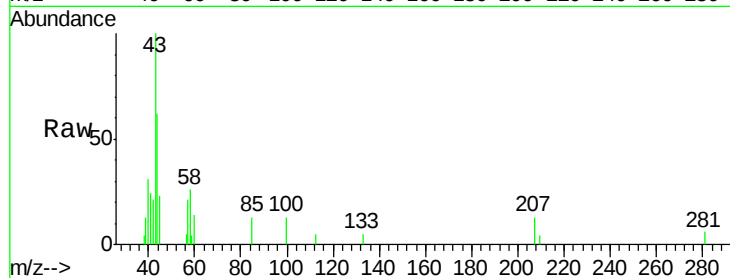




#51
 4-Methyl-2-Pentanone
 Concen: 0.547 ug/l
 RT: 9.99 min Scan# 2612
 Delta R.T. 0.00 min
 Lab File: VN049426.D
 Acq: 20 Jun 2018 9:36

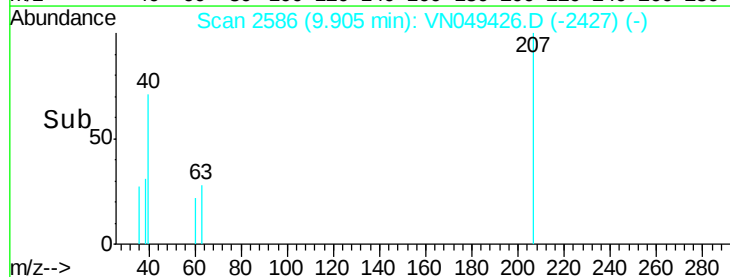
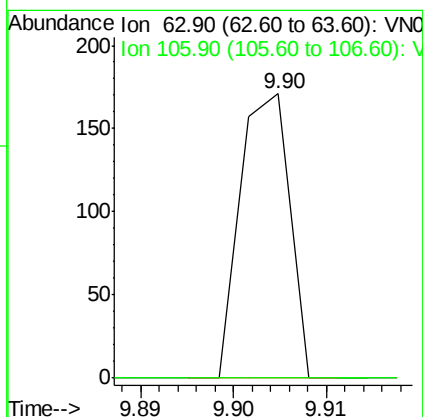
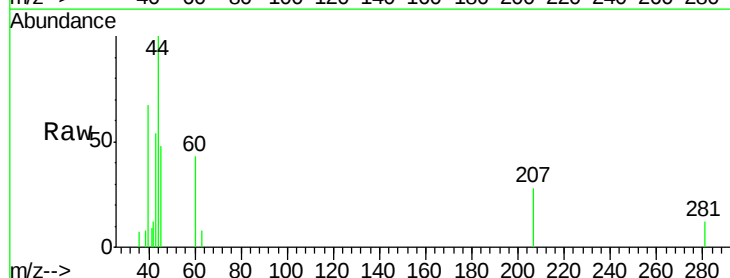
Instrument :
 MSVOA_N
 ClientSampled :

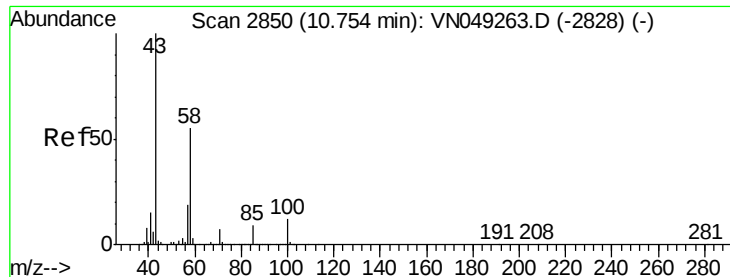
Tot Ion: 43 Resp: 6177
 Ion Ratio Lower Upper
 43 100
 58 35.3 29.0 43.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 14.337 ug/l
 RT: 9.90 min Scan# 2586
 Delta R.T. 0.21 min
 Lab File: VN049426.D
 Acq: 20 Jun 2018 9:36

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





#59

2-Hexanone

Concen: 2.272 ug/l

RT: 10.86 min Scan# 2882

Delta R.T. 0.10 min

Lab File: VN049426.D

Acq: 20 Jun 2018 9:36

Instrument :

MSVOA_N

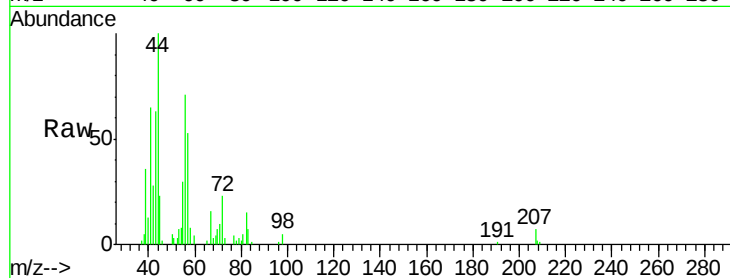
ClientSampled :

Tot Ion: 43 Resp: 16544

Ion Ratio Lower Upper

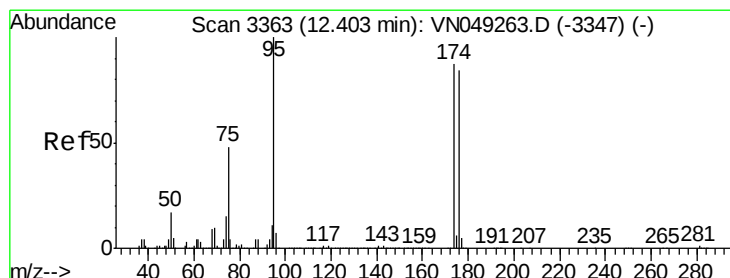
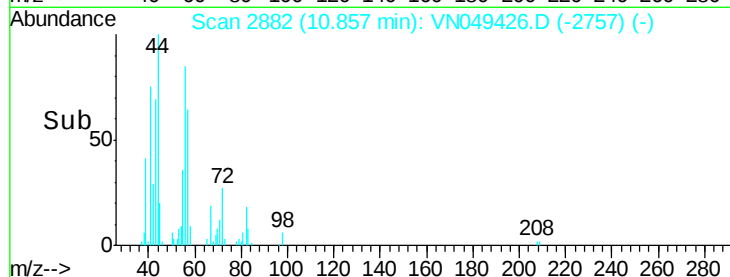
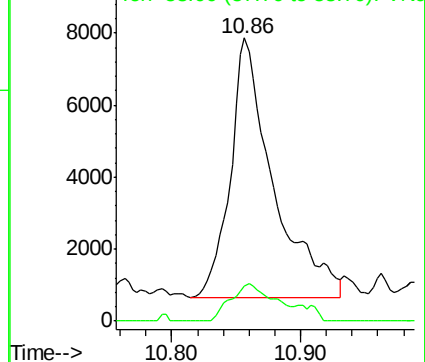
43 100

58 14.9 25.2 75.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#62

4-Bromofluorobenzene

Concen: 34.371 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049426.D

Acq: 20 Jun 2018 9:36

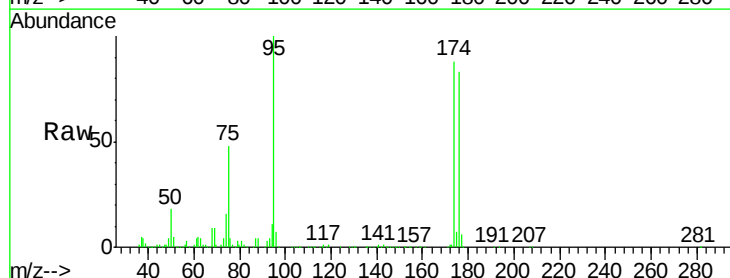
Tgt Ion: 95 Resp: 633858

Ion Ratio Lower Upper

95 100

174 87.9 0.0 165.6

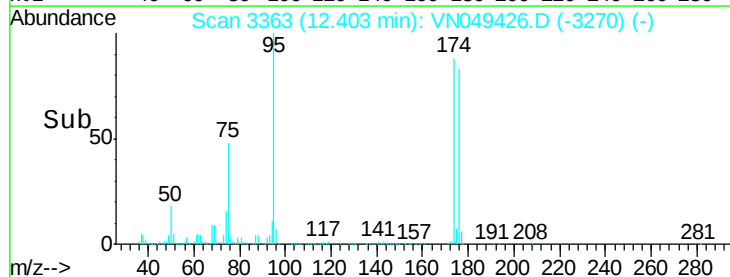
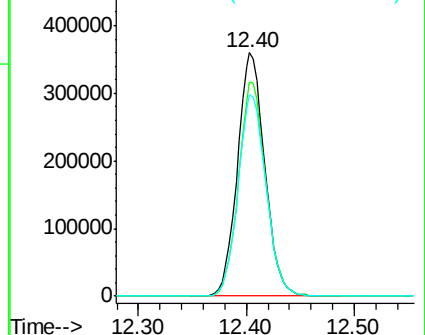
176 84.7 0.0 157.4

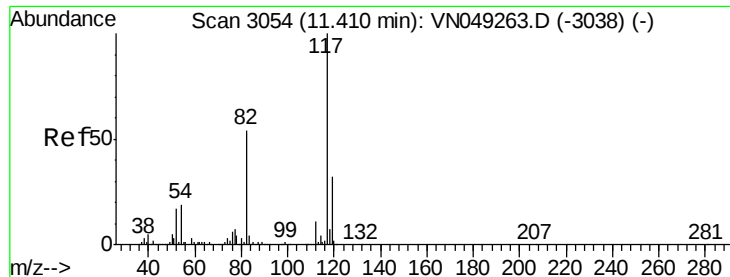


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

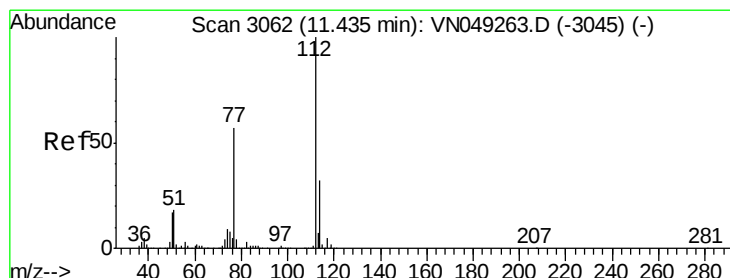
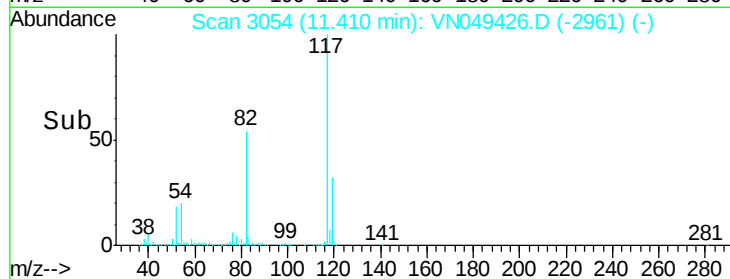
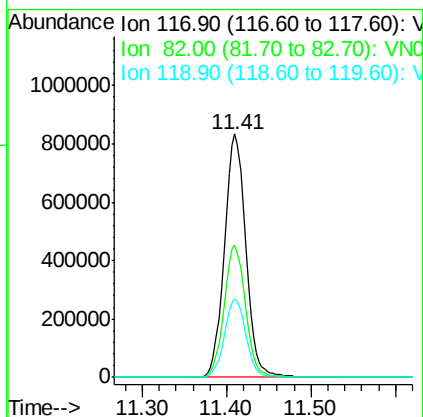
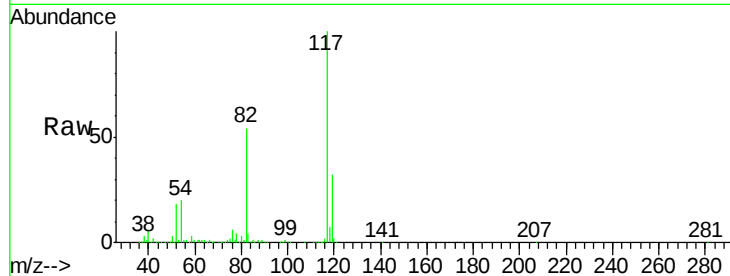




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049426.D
Acq: 20 Jun 2018 9:36

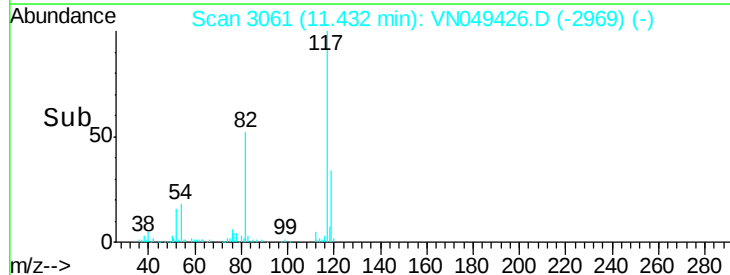
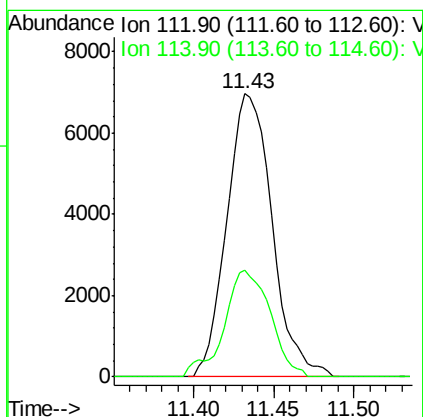
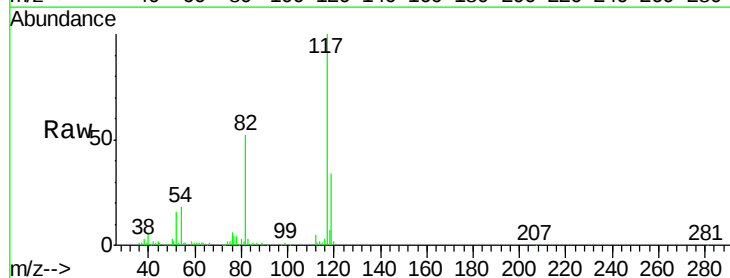
Instrument :
MSVOA_N
ClientSampled :

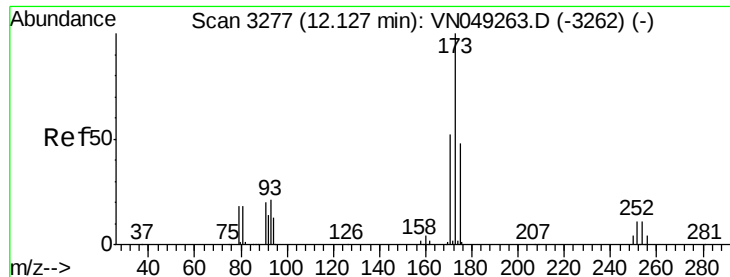
Tot Ion:117 Resp: 1468911
Ion Ratio Lower Upper
117 100
82 54.3 45.9 68.9
119 32.4 25.5 38.3



#65
Chlorobenzene
Concen: 0.355 ug/l
RT: 11.43 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN049426.D
Acq: 20 Jun 2018 9:36

Tgt Ion:112 Resp: 13445
Ion Ratio Lower Upper
112 100
114 37.5 26.2 39.4

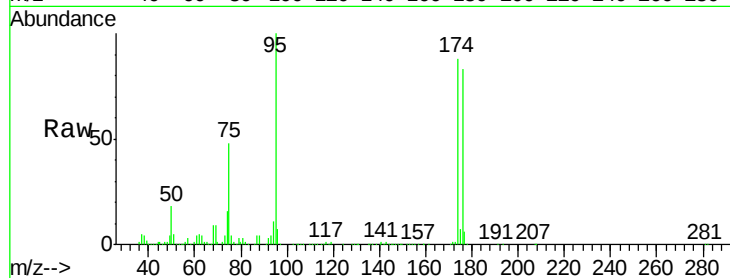




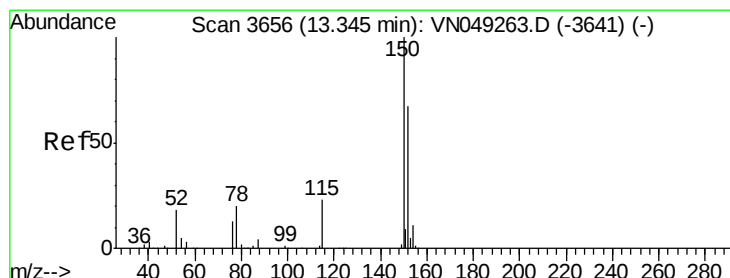
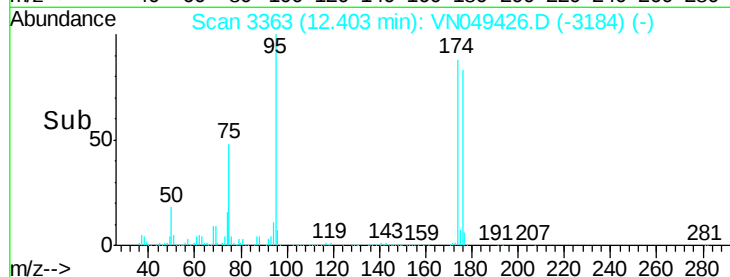
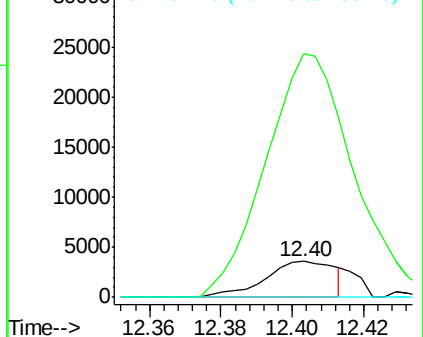
#71
Bromoform
Concen: 0.527 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.28 min
Lab File: VN049426.D
Acq: 20 Jun 2018 9:36

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 4857
Ion Ratio Lower Upper
173 100
175 671.8 24.5 73.5#
254 0.0 0.1 0.1#

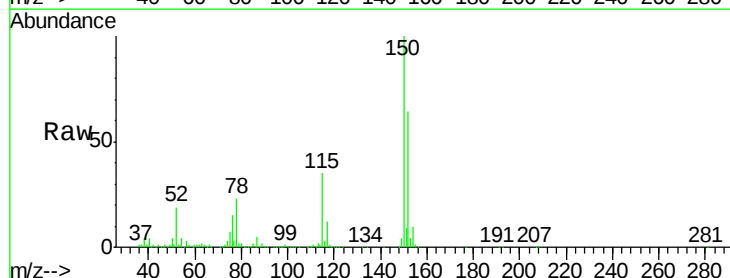


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

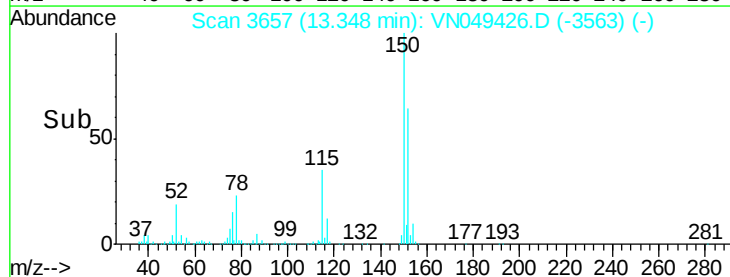
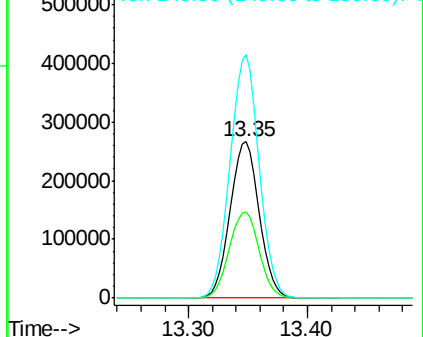


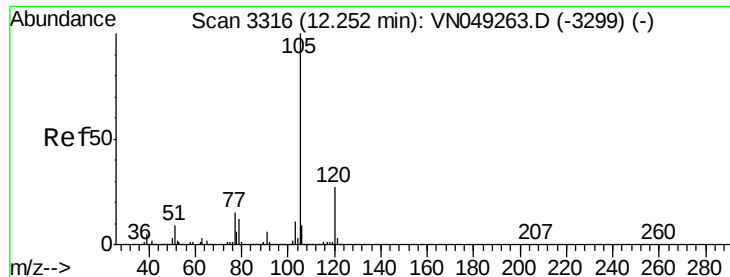
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3657
Delta R.T. 0.00 min
Lab File: VN049426.D
Acq: 20 Jun 2018 9:36

Tgt Ion:152 Resp: 451025
Ion Ratio Lower Upper
152 100
115 56.7 28.7 86.1
150 155.7 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.268 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049426.D

Acq: 20 Jun 2018 9:36

Instrument :

MSVOA_N

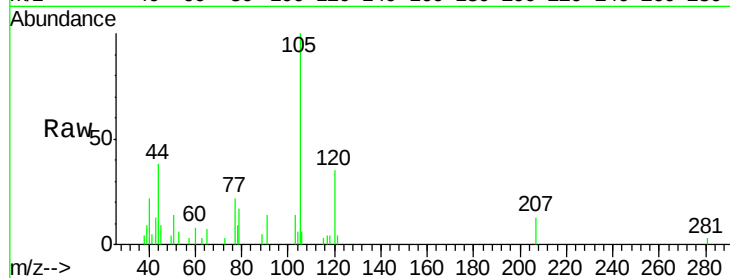
ClientSampleId :

Tot Ion:105 Resp: 10620

Ion Ratio Lower Upper

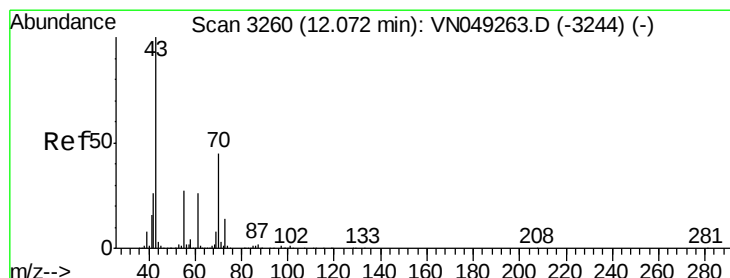
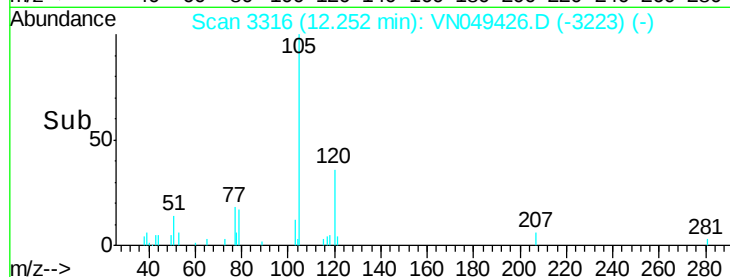
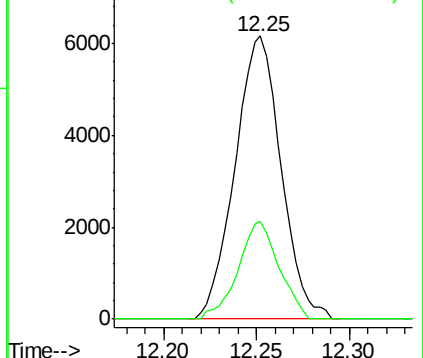
105 100

120 30.4 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.385 ug/l

RT: 12.05 min Scan# 3252

Delta R.T. -0.03 min

Lab File: VN049426.D

Acq: 20 Jun 2018 9:36

Tgt Ion: 43 Resp: 3737

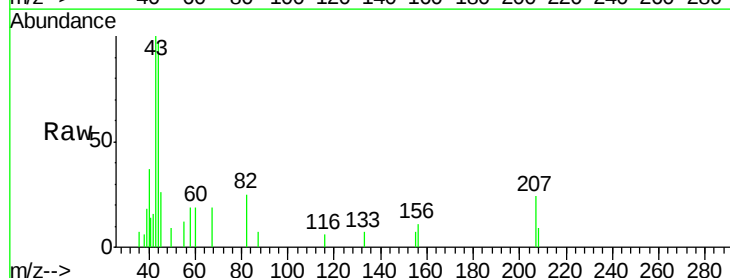
Ion Ratio Lower Upper

43 100

70 0.0 30.3 45.5#

55 16.3 19.4 29.2#

61 0.0 17.8 26.6#

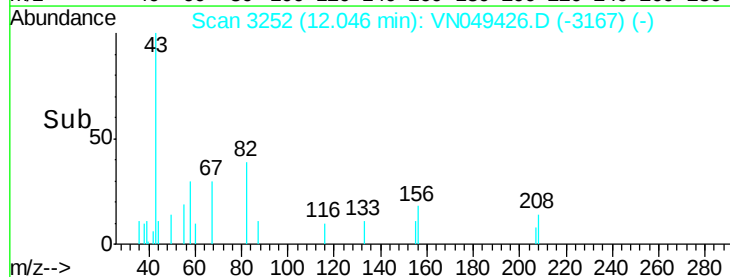
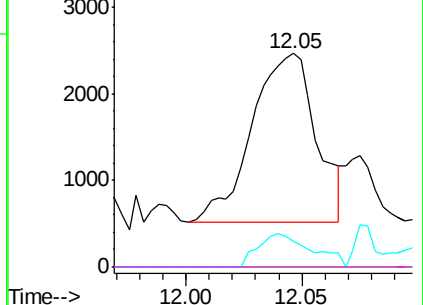


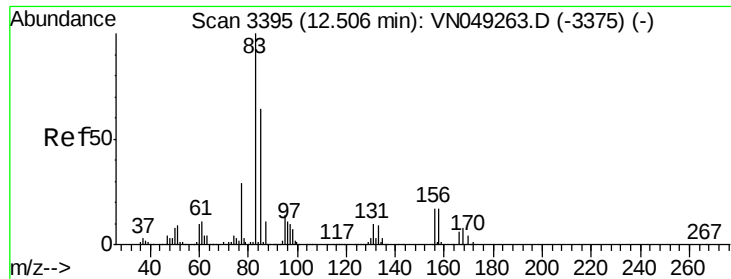
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.57 min Scan# 3414

Delta R.T. 0.06 min

Lab File: VN049426.D

Acq: 20 Jun 2018 9:36

Instrument :

MSVOA_N

ClientSampled :

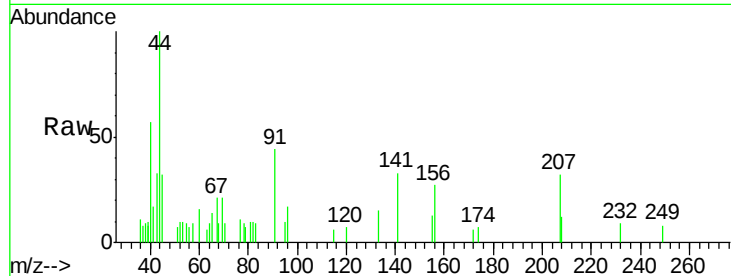
Tot Ion: 83 Resp: 106

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

85 0.0 32.0 96.0#

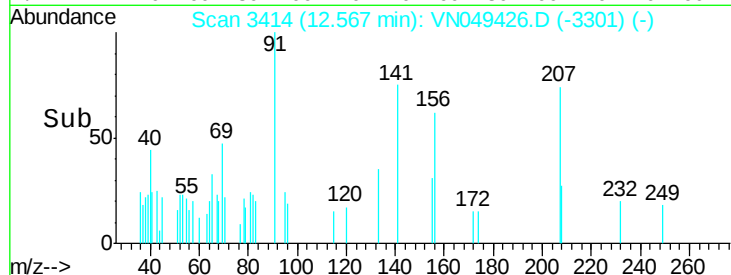


Abundance Ion 82.90 (82.60 to 83.60): VN0

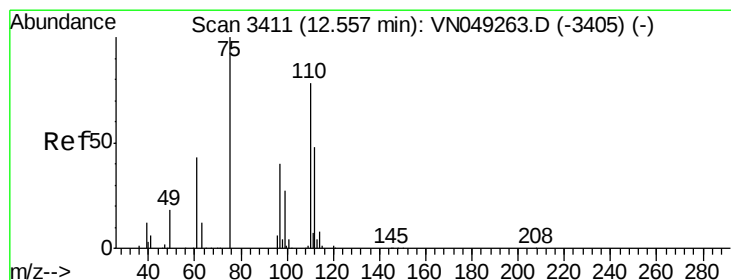
Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0

Time-->



Time-->



#76

1,2,3-Trichloropropane

Concen: 39.660 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049426.D

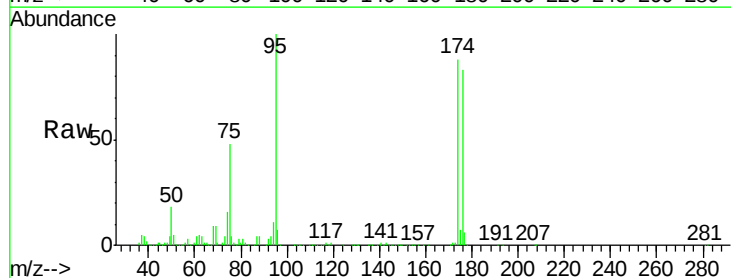
Acq: 20 Jun 2018 9:36

Tgt Ion: 75 Resp: 305210

Ion Ratio Lower Upper

75 100

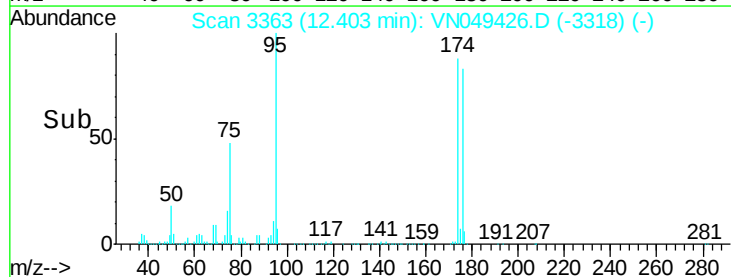
77 1.2 0.0 0.0#



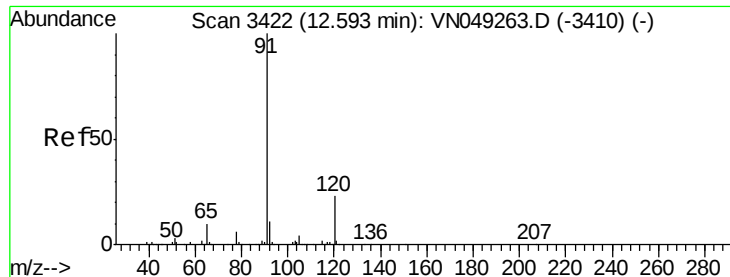
Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

Time-->



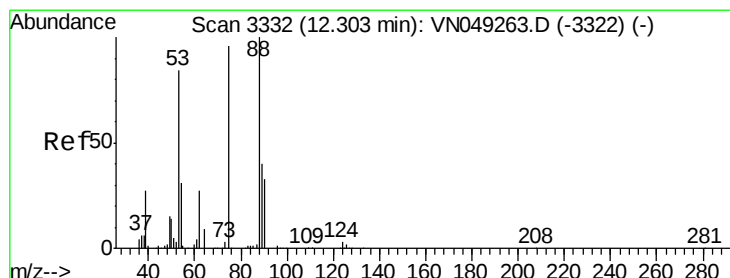
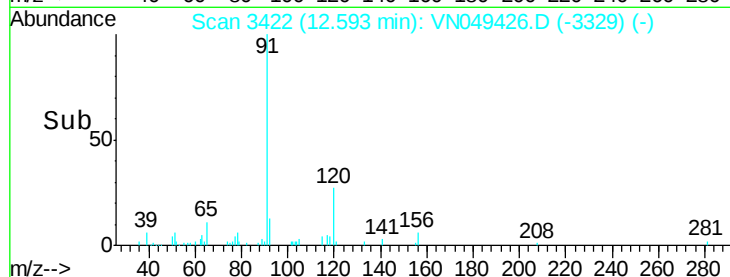
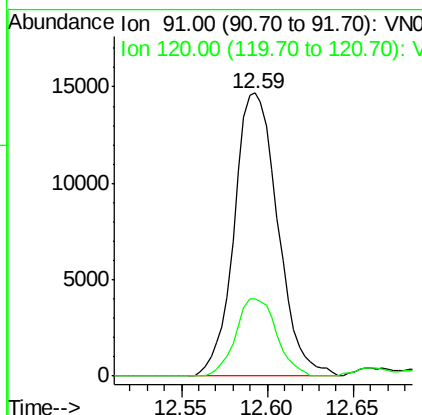
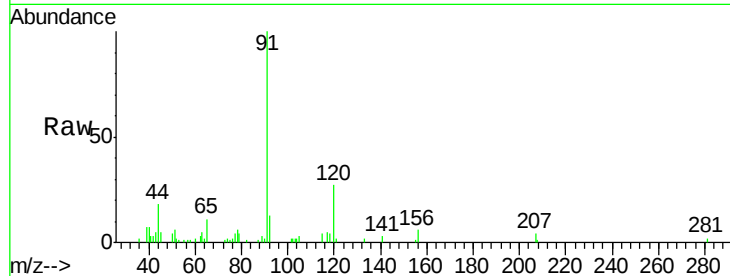
Time-->



#78
n-propylbenzene
Concen: 0.594 ug/l
RT: 12.59 min Scan# 3422
Delta R.T. 0.00 min
Lab File: VN049426.D
Acq: 20 Jun 2018 9:36

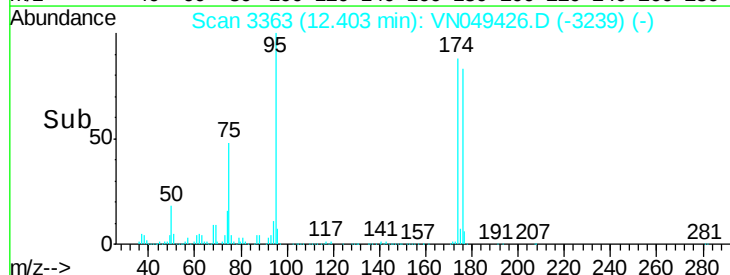
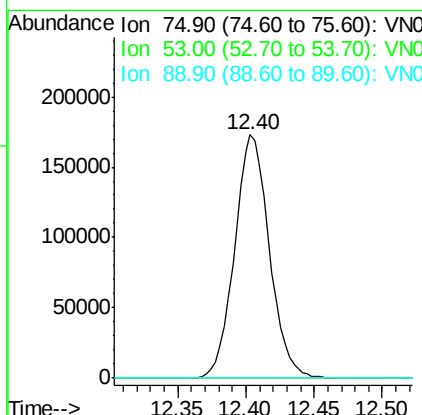
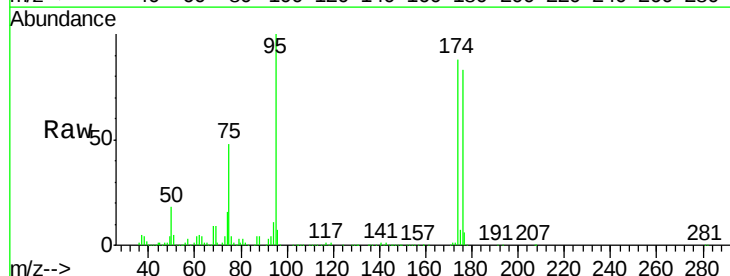
Instrument :
MSVOA_N
ClientSampleId :

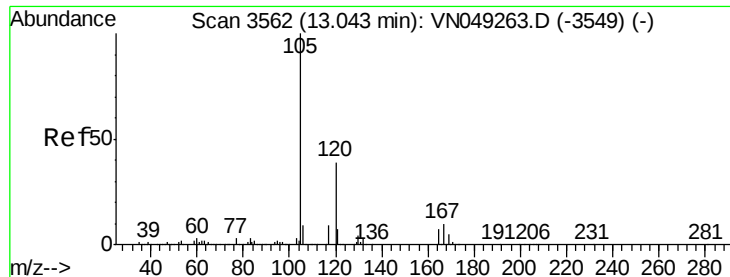
Tot Ion: 91 Resp: 25809
Ion Ratio Lower Upper
91 100
120 25.5 11.2 33.5



#81
trans-1,4-Dichloro-2-butene
Concen: 125.348 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.10 min
Lab File: VN049426.D
Acq: 20 Jun 2018 9:36

Tgt Ion: 75 Resp: 305210
Ion Ratio Lower Upper
75 100
53 0.2 82.7 124.1#
89 0.0 36.5 54.7#





#84

1,2,4-Trimethylbenzene

Concen: 0.212 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049426.D

Acq: 20 Jun 2018 9:36

Instrument :

MSVOA_N

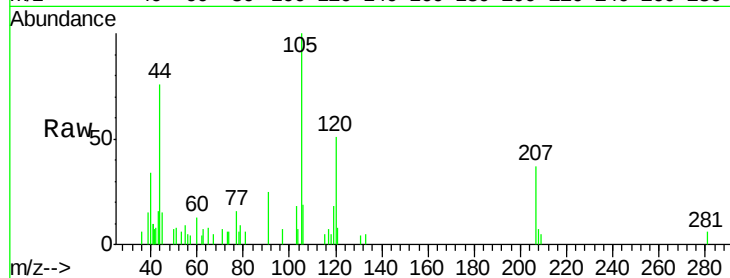
ClientSampleId :

Tot Ion:105 Resp: 6569

Ion Ratio Lower Upper

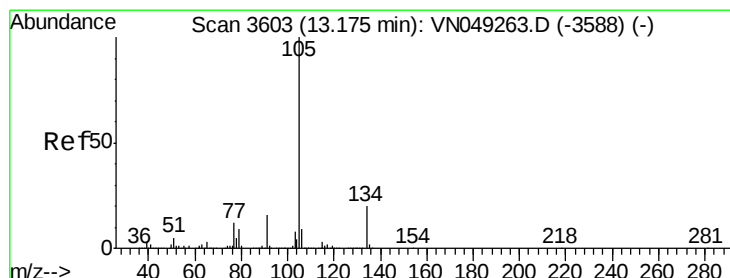
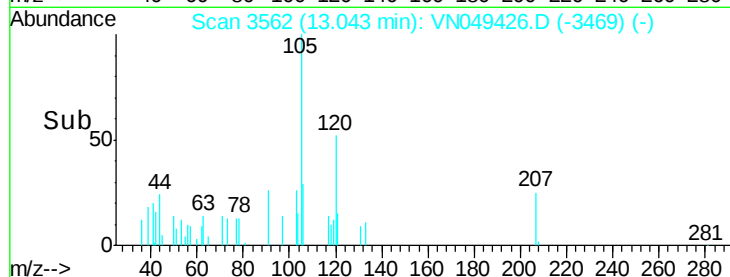
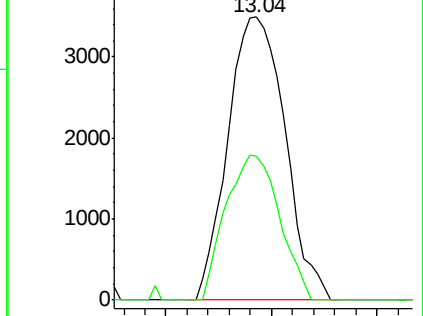
105 100

120 48.2 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: 0.469 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049426.D

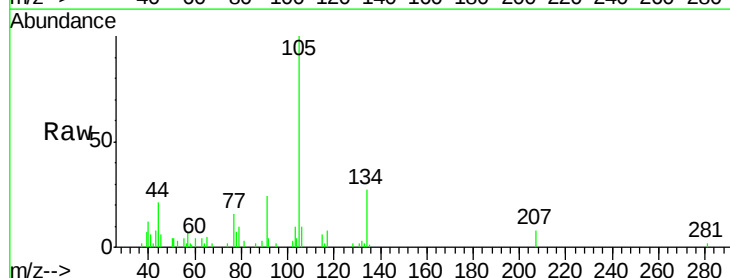
Acq: 20 Jun 2018 9:36

Tgt Ion:105 Resp: 17227

Ion Ratio Lower Upper

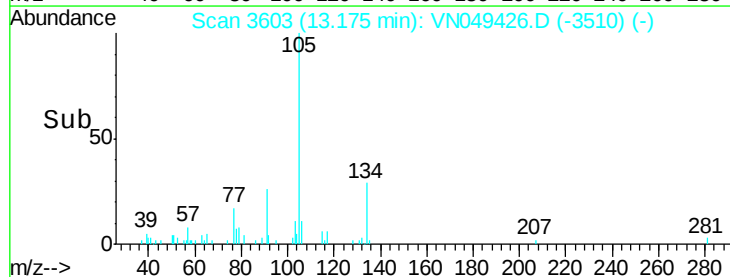
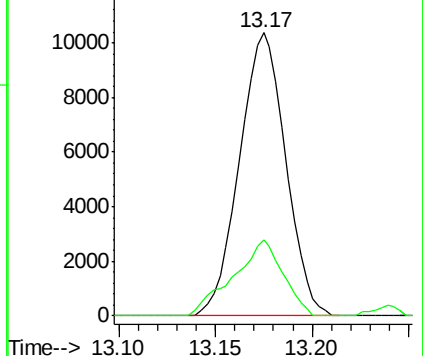
105 100

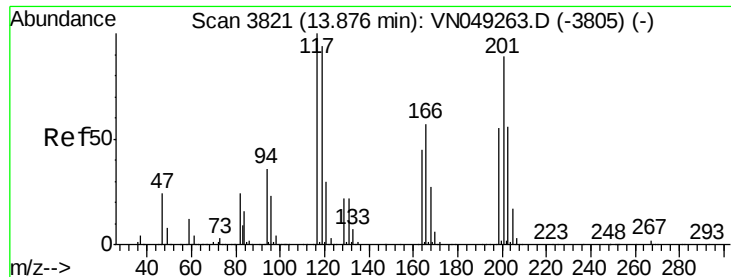
134 28.9 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: Below Cal

RT: 13.89 min Scan# 3826

Delta R.T. 0.02 min

Lab File: VN049426.D

Acq: 20 Jun 2018 9:36

Instrument :

MSVOA_N

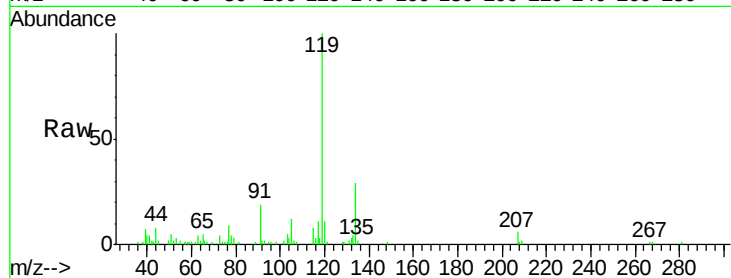
ClientSampled :

Tot Ion:117 Resp: 5385

Ion Ratio Lower Upper

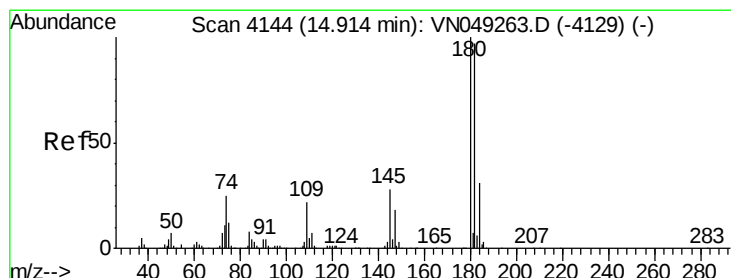
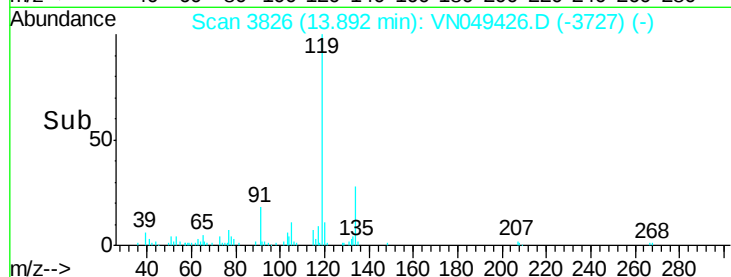
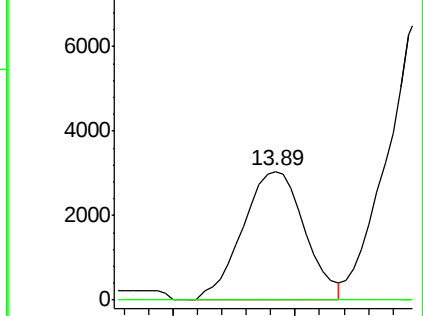
117 100

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: 4.753 ug/l

RT: 14.91 min Scan# 4144

Delta R.T. 0.00 min

Lab File: VN049426.D

Acq: 20 Jun 2018 9:36

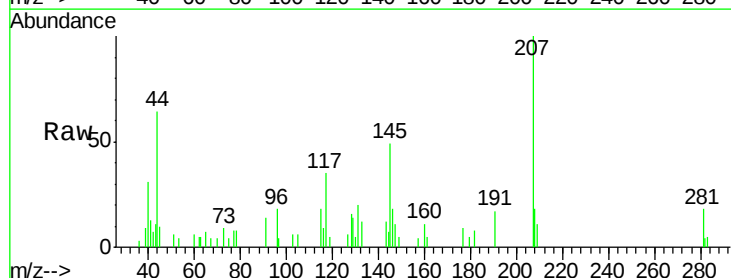
Tgt Ion:180 Resp: 85

Ion Ratio Lower Upper

180 100

182 204.7 46.9 140.8#

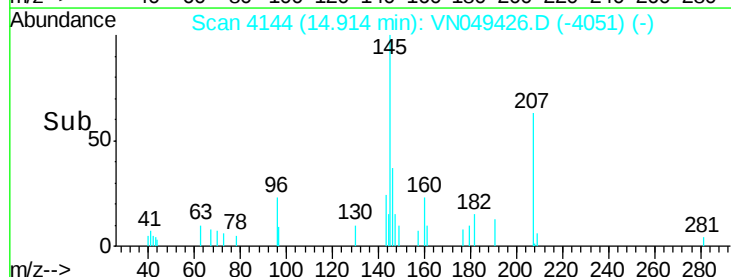
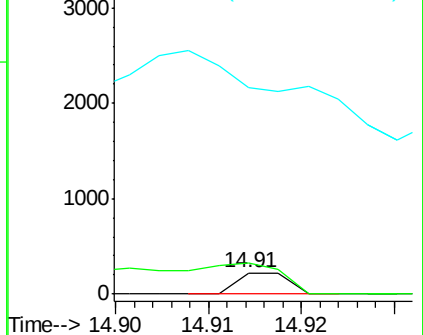
145 8045.9 14.7 44.1#

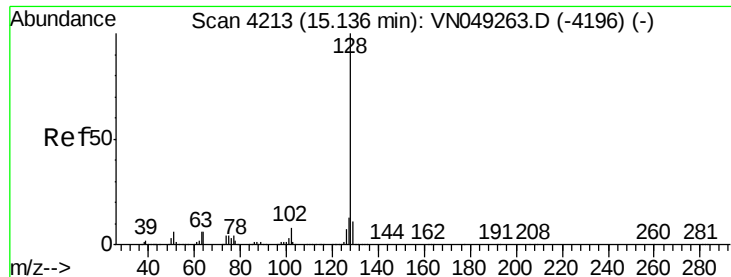


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 4.041 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

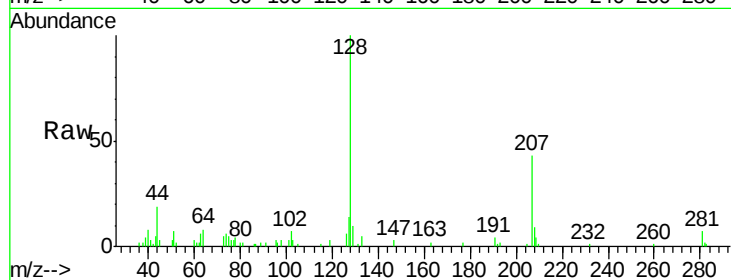
Lab File: VN049426.D

Acq: 20 Jun 2018 9:36

Instrument :

MSVOA_N

ClientSampleId :



Tot Ion:128 Resp: 24640

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 9.6 8.5 12.7

