

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071818\
 Data File : VN049898.D
 Acq On : 19 Jul 2018 3:09
 Operator : MD\SY
 Sample : J3357-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 19 06:08:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 13:09:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	540498	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	899479	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	733027	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	266408	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	389189	52.39	ug/l	0.00
Spiked Amount			Recovery	=	104.78%	
35) Dibromofluoromethane	7.59	113	347214	45.98	ug/l	0.00
Spiked Amount			Recovery	=	91.96%	
50) Toluene-d8	10.09	98	1206187	43.84	ug/l	0.00
Spiked Amount			Recovery	=	87.68%	
62) 4-Bromofluorobenzene	12.40	95	312307	32.96	ug/l	0.00
Spiked Amount			Recovery	=	65.92%	

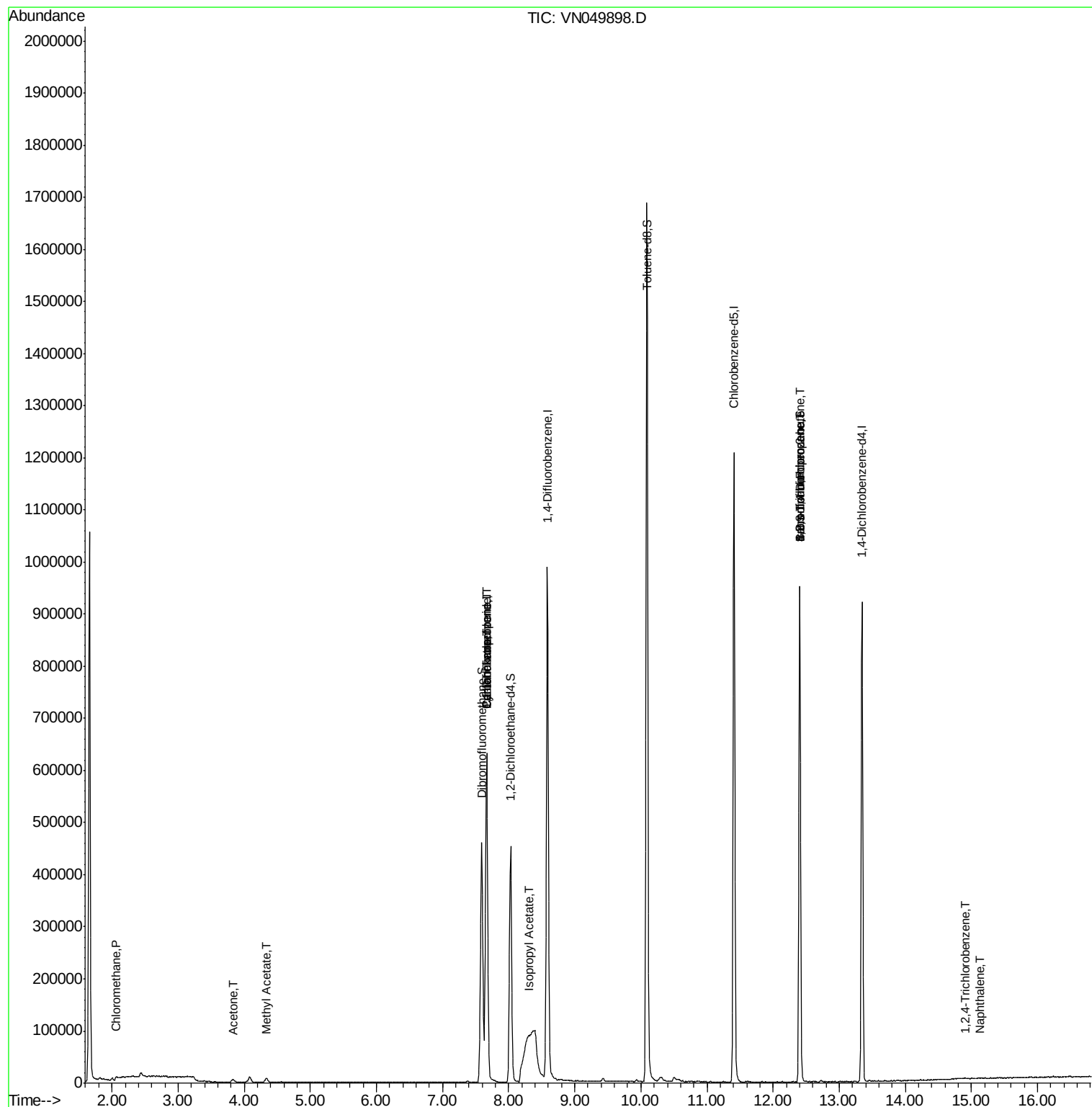
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	3521	0.48	ug/l	99
5) Bromomethane	2.56	94	284	Below Cal	#	71
16) Acetone	3.83	43	8914	4.63	ug/l	98
18) Methyl Acetate	4.34	43	15117	1.70	ug/l	# 88
31) Cyclohexane	7.66	56	10439	1.06	ug/l	# 1
36) 1,1-Dichloropropene	7.66	75	39135	3.91	ug/l	# 48
38) Carbon Tetrachloride	7.66	117	47978	4.48	ug/l	# 17
43) Isopropyl Acetate	8.30	43	157838	13.15	ug/l	# 62
71) Bromoform	12.40	173	2969	0.58	ug/l	# 1
76) 1,2,3-Trichloropropane	12.40	75	156792	31.37	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.40	75	156792	98.11	ug/l	# 13
93) 1,2,4-Trichlorobenzene	14.92	180	30	3.48	ug/l	# 13
95) Naphthalene	15.14	128	31	4.49	ug/l	# 69

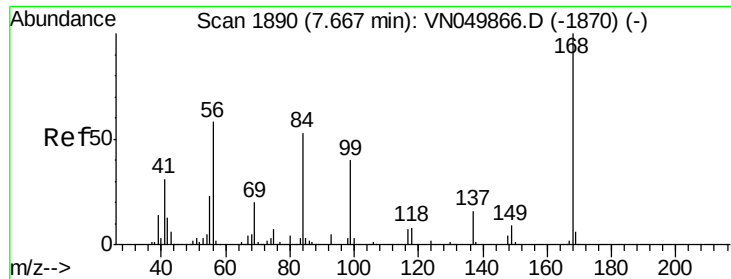
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jul 18 13:09:48 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: VN049898.D

Acq: 19 Jul 2018 3:09

Instrument :

MSVOA_N

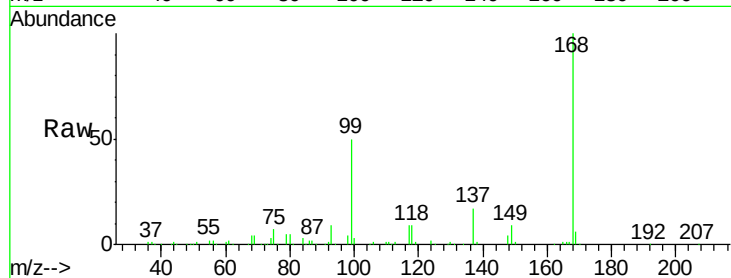
ClientSampleId :

Tot Ion:168 Resp: 540498

Ion Ratio Lower Upper

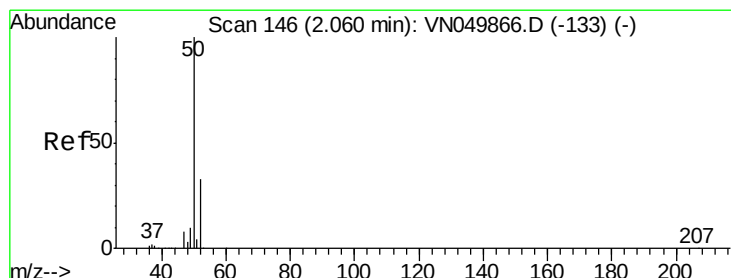
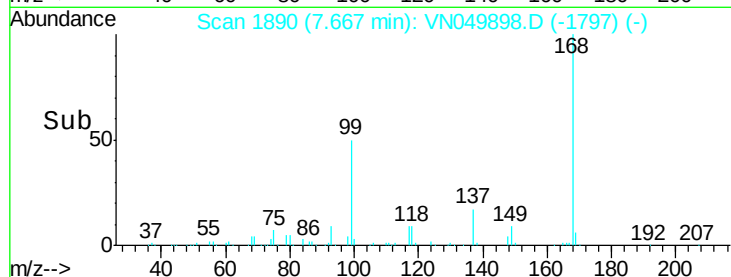
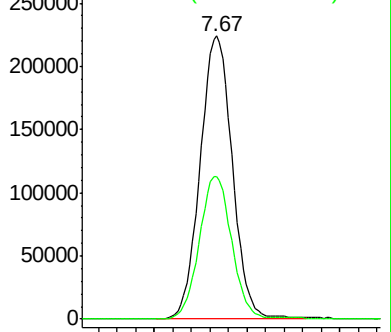
168 100

99 50.4 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: 0.48 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN049898.D

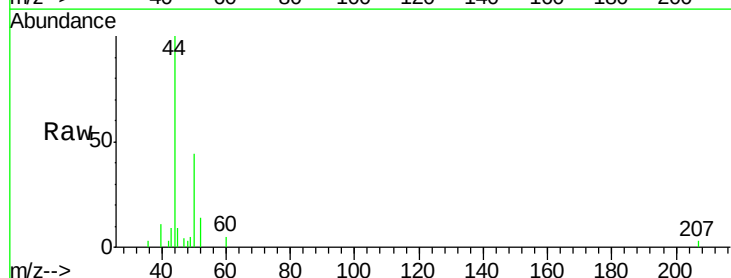
Acq: 19 Jul 2018 3:09

Tgt Ion: 50 Resp: 3521

Ion Ratio Lower Upper

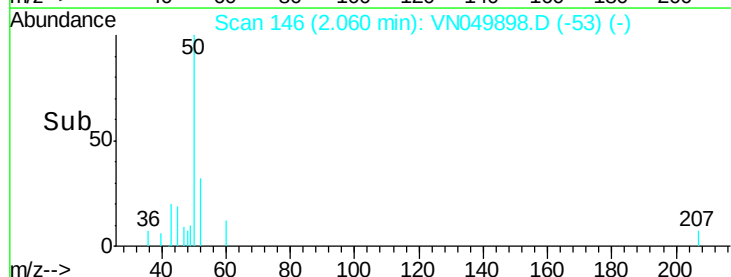
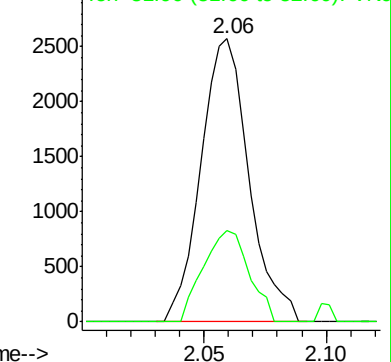
50 100

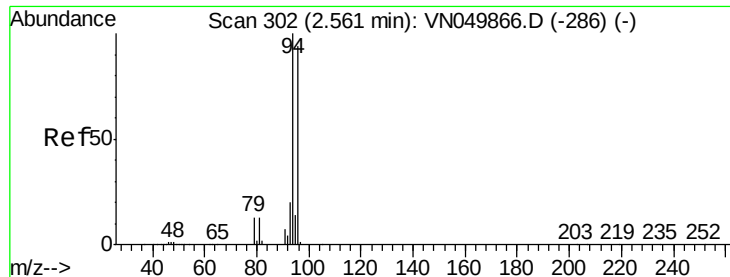
52 32.1 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO





#5

Bromomethane

Concen: Below Cal

RT: 2.56 min Scan# 303

Delta R.T. 0.00 min

Lab File: VN049898.D

Acq: 19 Jul 2018 3:09

Instrument :

MSVOA_N

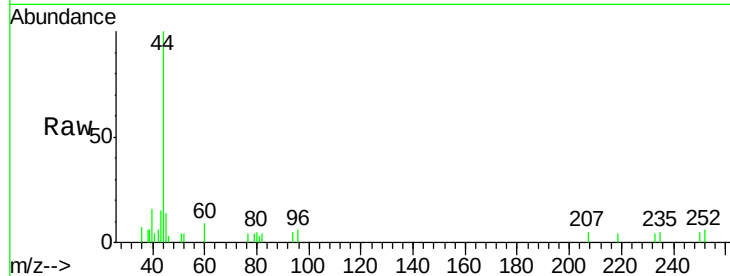
ClientSampled :

Tot Ion: 94 Resp: 284

Ion Ratio Lower Upper

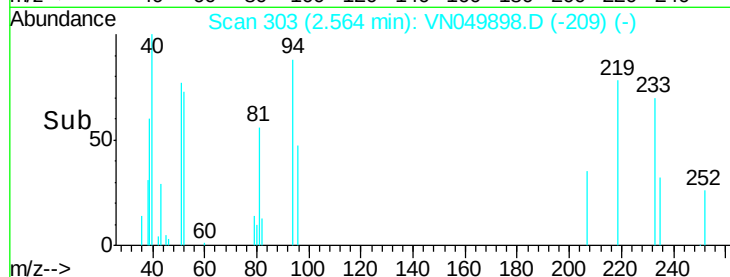
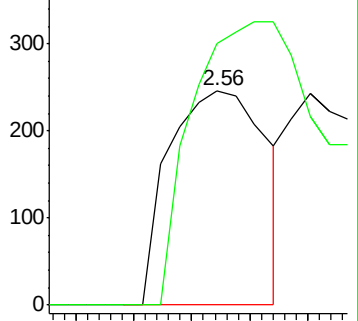
94 100

96 122.4 75.7 113.5#

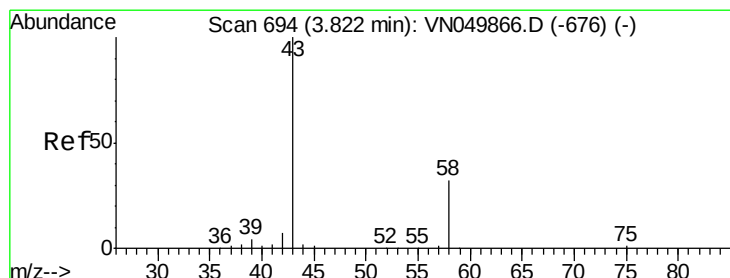


Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



Time-->



#16

Acetone

Concen: 4.63 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN049898.D

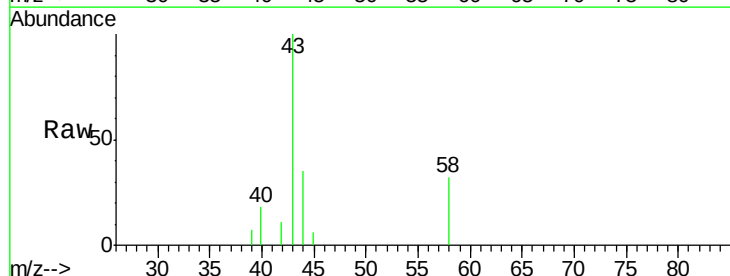
Acq: 19 Jul 2018 3:09

Tgt Ion: 43 Resp: 8914

Ion Ratio Lower Upper

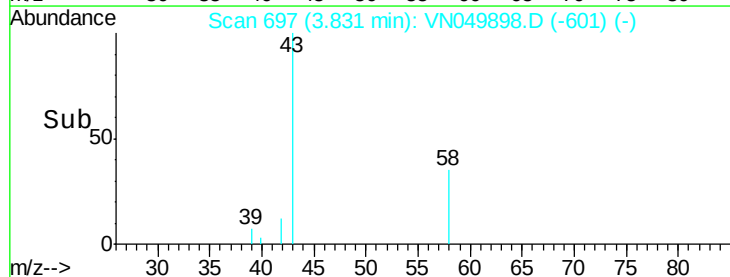
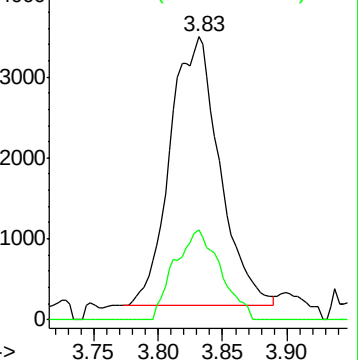
43 100

58 33.7 25.9 38.9

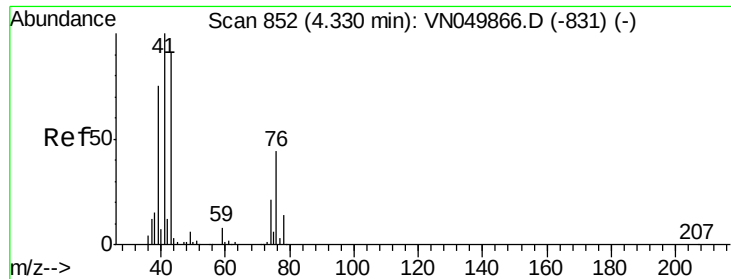


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



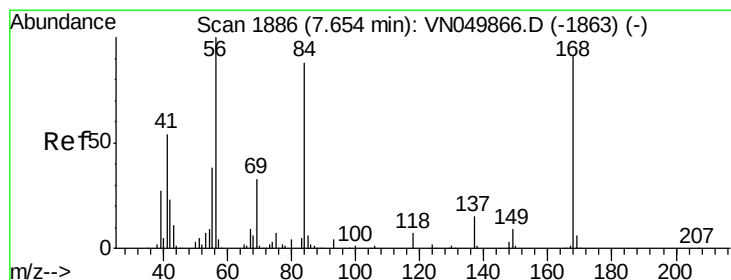
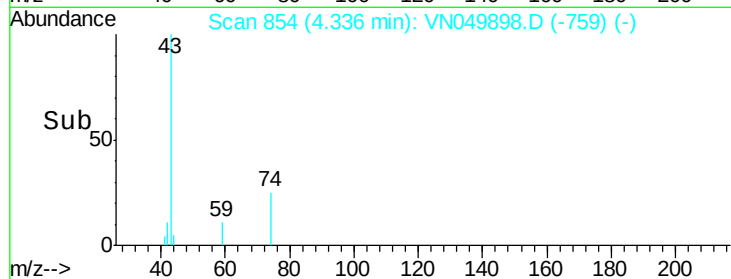
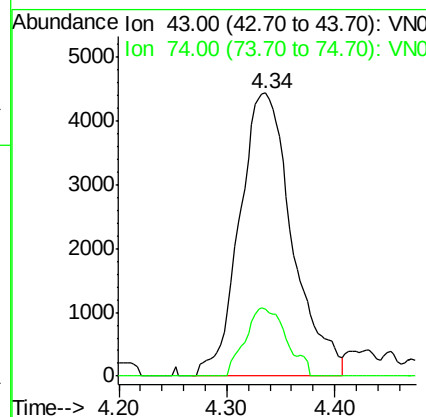
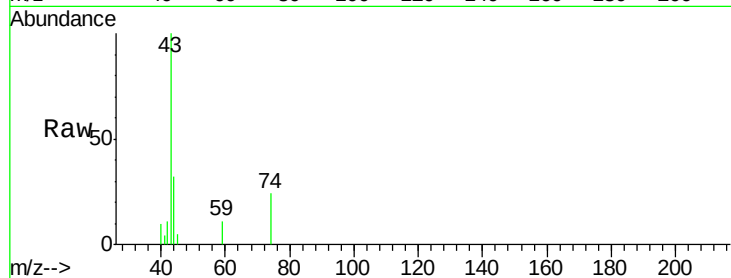
Time-->



#18
Methvl Acetate
Concen: 1.70 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN049898.D
Acq: 19 Jul 2018 3:09

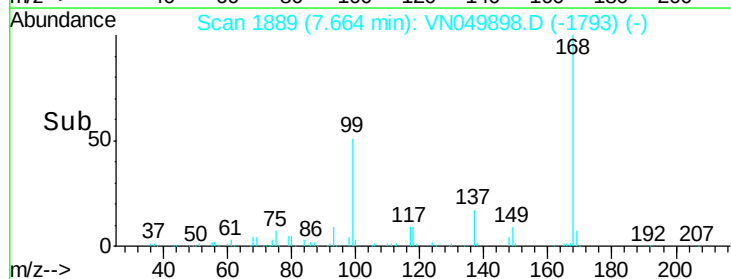
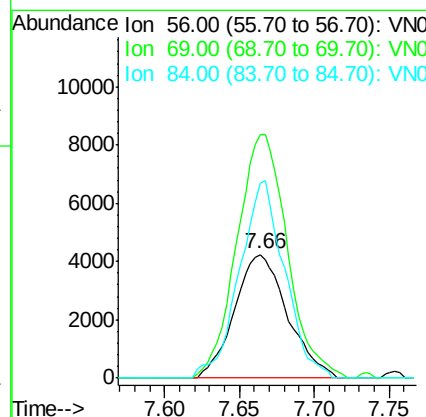
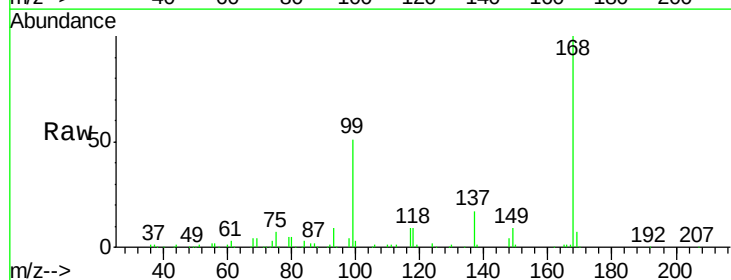
Instrument :
MSVOA_N
ClientSampleId :

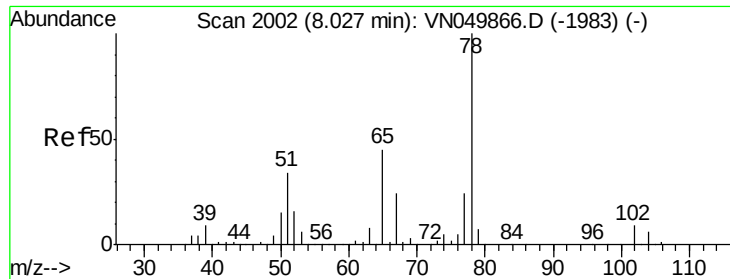
Tot Ion: 43 Resp: 15117
Ion Ratio Lower Upper
43 100
74 18.9 19.8 29.8#



#31
Cyclohexane
Concen: 1.06 ug/l
RT: 7.66 min Scan# 1889
Delta R.T. 0.01 min
Lab File: VN049898.D
Acq: 19 Jul 2018 3:09

Tgt Ion: 56 Resp: 10439
Ion Ratio Lower Upper
56 100
69 197.3 26.6 40.0#
84 158.3 69.0 103.6#

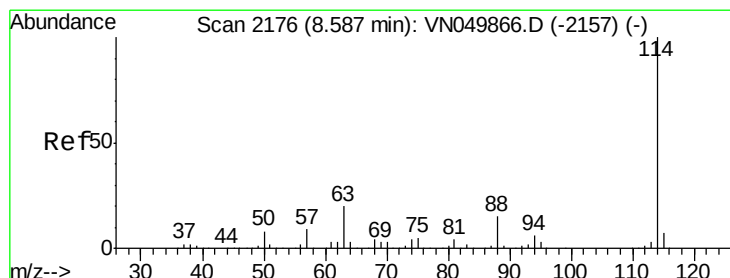
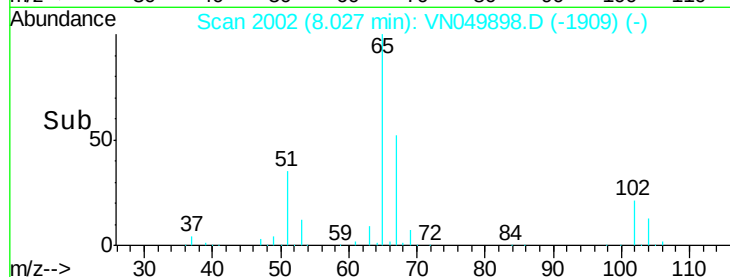
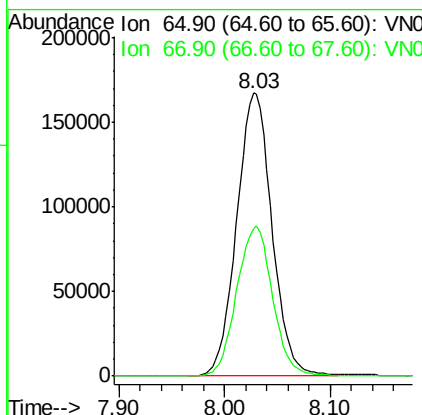
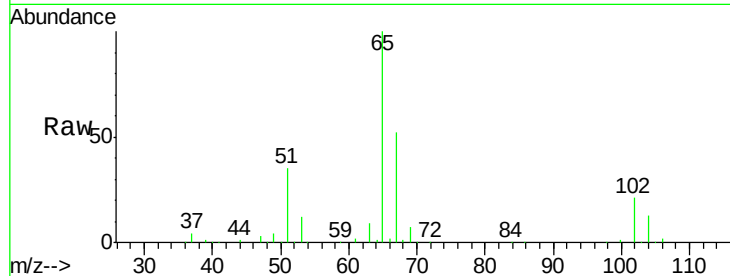




#33
 1,2-Dichloroethane-d4
 Concen: 52.39 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN049898.D
 Acq: 19 Jul 2018 3:09

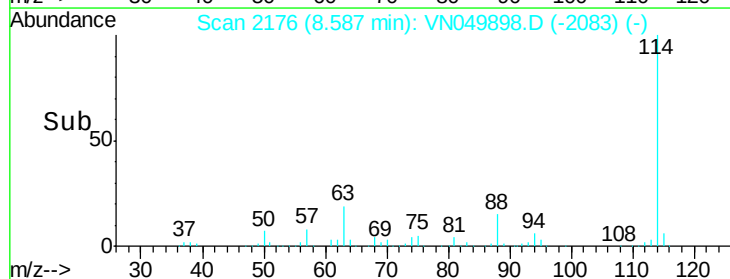
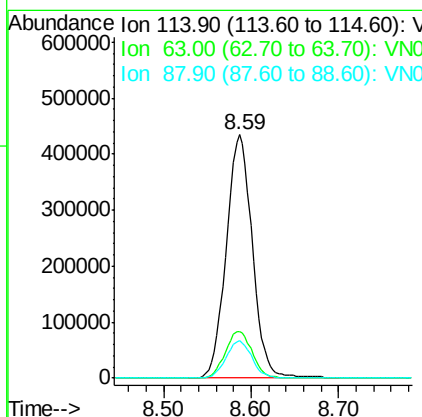
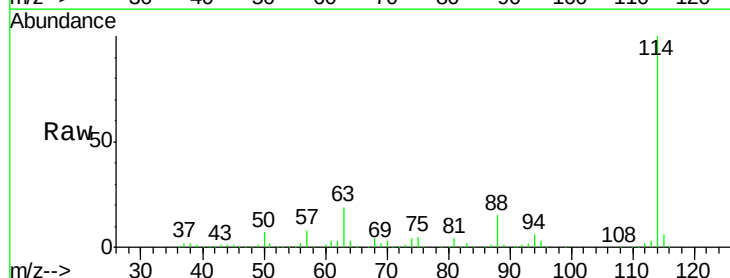
Instrument :
 MSVOA_N
 ClientSampleId :

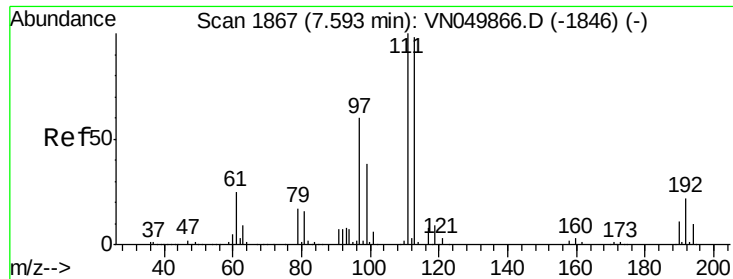
Tot Ion: 65 Resp: 389189
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049898.D
 Acq: 19 Jul 2018 3:09

Tgt Ion: 114 Resp: 899479
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.8
 88 15.3 0.0 30.6

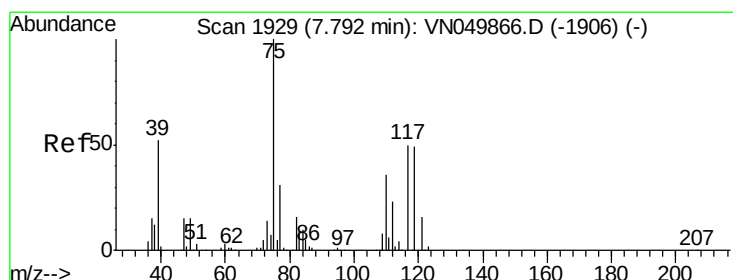
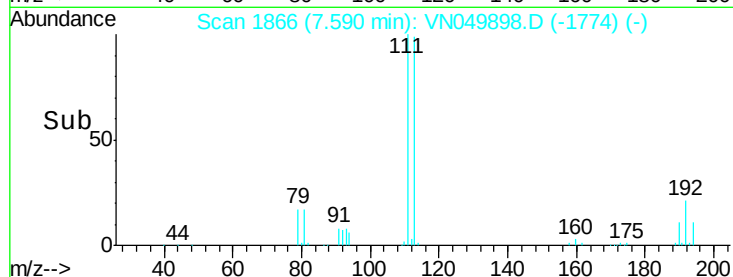
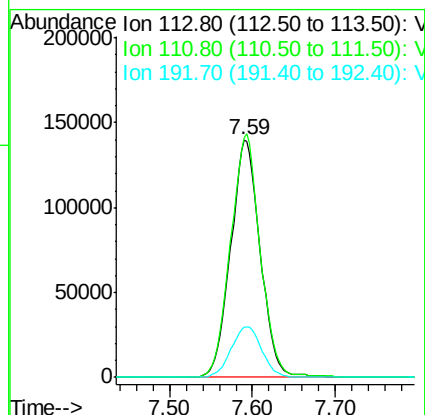
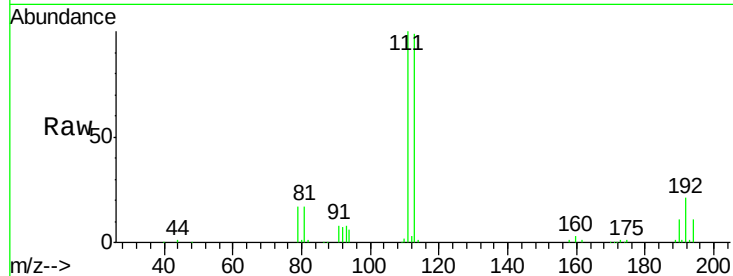




#35
 Dibromofluoromethane
 Concen: 45.98 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN049898.D
 Acq: 19 Jul 2018 3:09

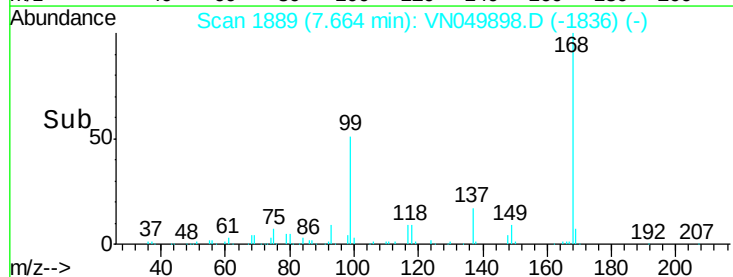
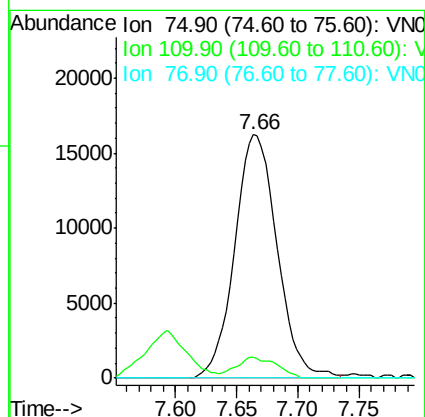
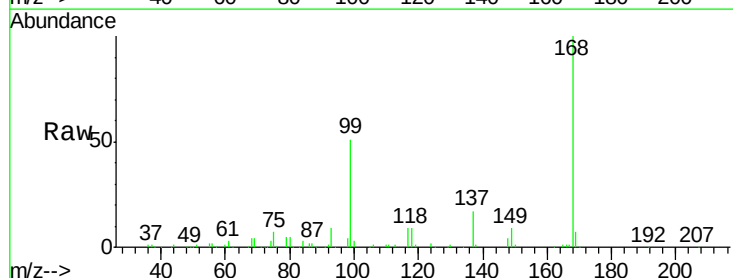
Instrument :
 MSVOA_N
 ClientSampled :

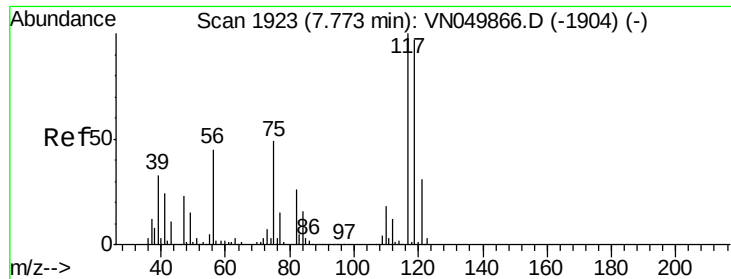
Tot Ion:113 Resp: 347214
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.8 122.8
 192 22.0 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 3.91 ug/l
 RT: 7.66 min Scan# 1889
 Delta R.T. -0.13 min
 Lab File: VN049898.D
 Acq: 19 Jul 2018 3:09

Tgt Ion: 75 Resp: 39135
 Ion Ratio Lower Upper
 75 100
 110 8.1 18.1 54.4#
 77 0.0 24.9 37.3#

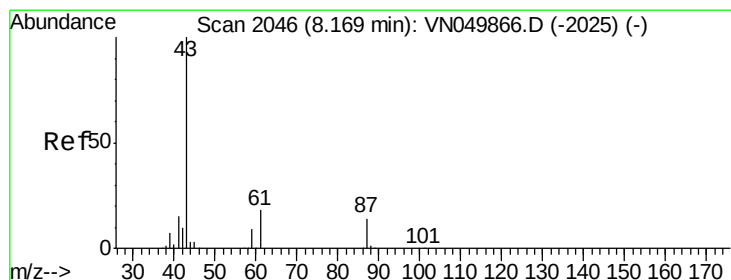
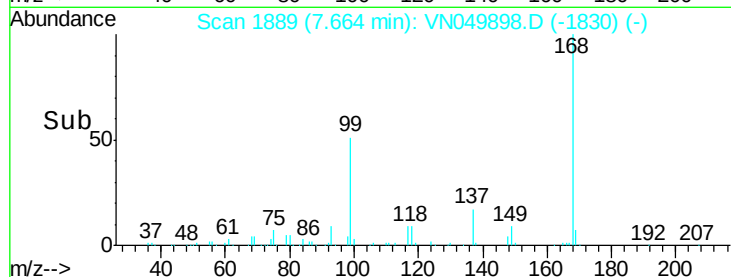
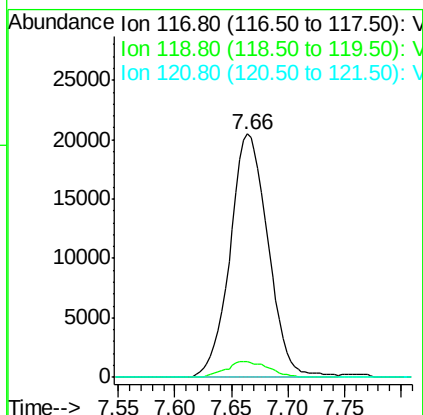
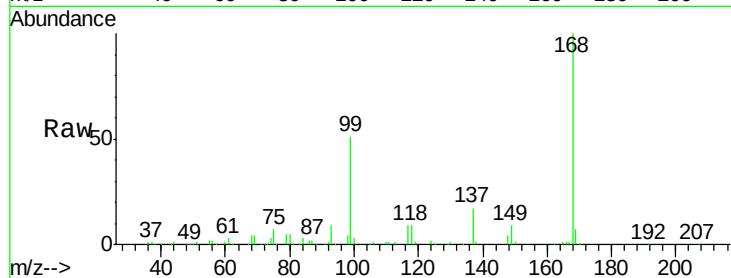




#38
Carbon Tetrachloride
Concen: 4.48 ug/l
RT: 7.66 min Scan# 1889
Delta R.T. -0.11 min
Lab File: VN049898.D
Acq: 19 Jul 2018 3:09

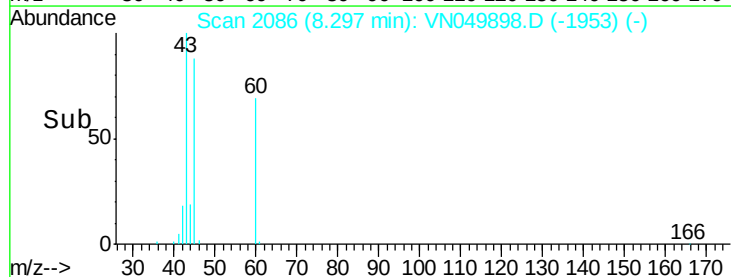
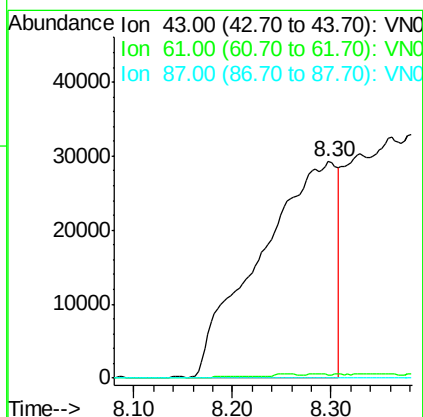
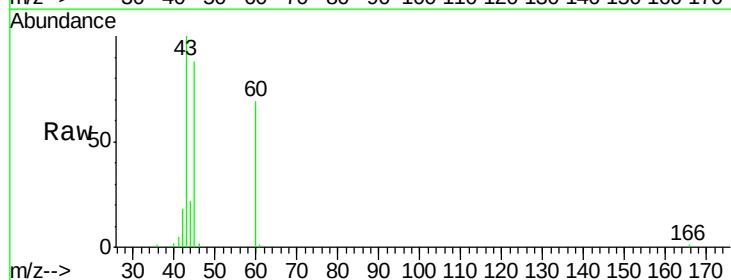
Instrument :
MSVOA_N
ClientSampled :

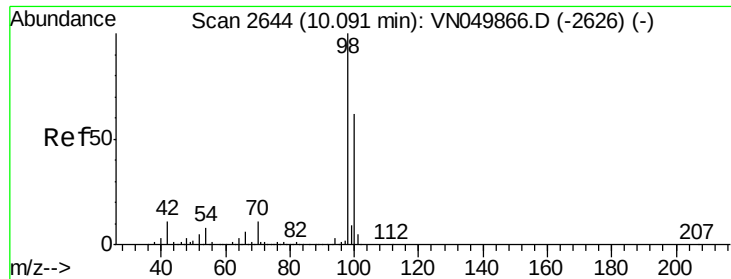
Tot Ion:117 Resp: 47978
Ion Ratio Lower Upper
117 100
119 6.3 77.2 115.8#
121 0.0 25.0 37.6#



#43
Isopropyl Acetate
Concen: 13.15 ug/l
RT: 8.30 min Scan# 2086
Delta R.T. 0.13 min
Lab File: VN049898.D
Acq: 19 Jul 2018 3:09

Tgt Ion: 43 Resp: 157838
Ion Ratio Lower Upper
43 100
61 0.0 14.9 22.3#
87 0.0 10.0 15.0#

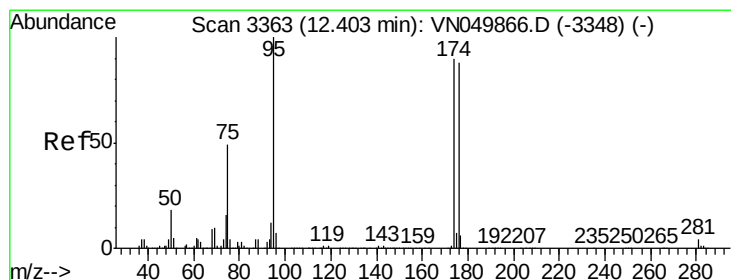
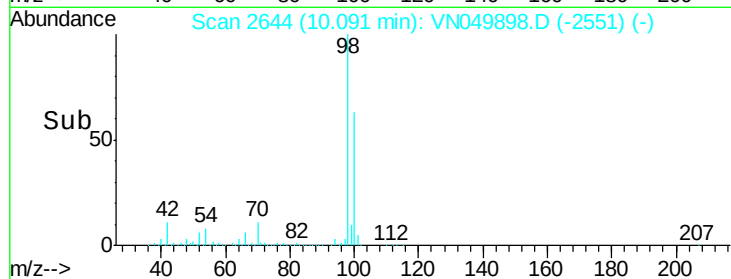
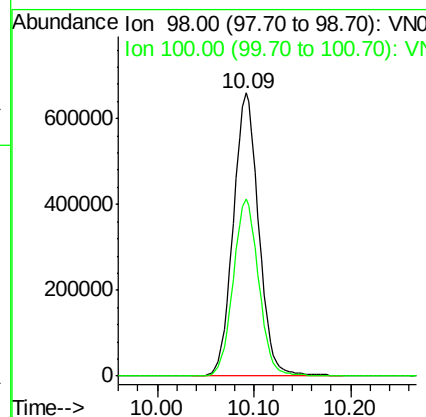
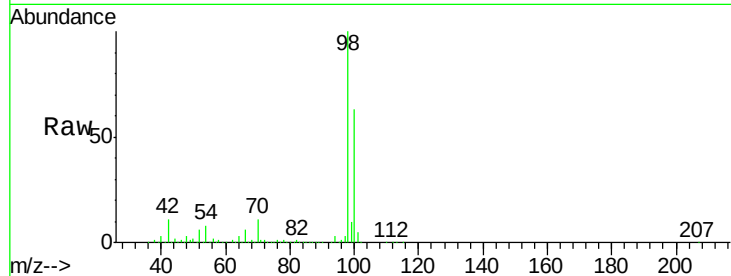




#50
Toluene-d8
Concen: 43.84 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049898.D
Acq: 19 Jul 2018 3:09

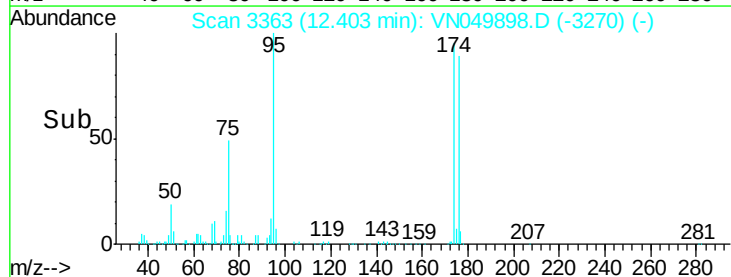
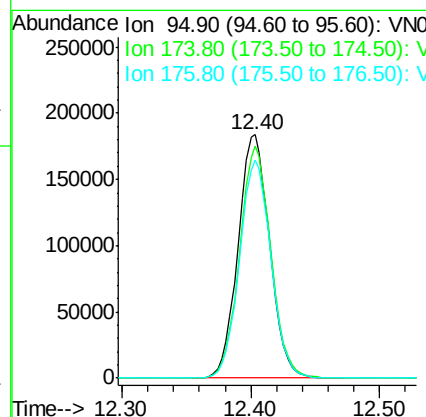
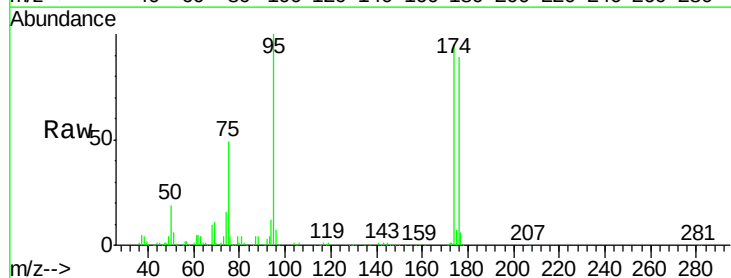
Instrument :
MSVOA_N
ClientSampleId :

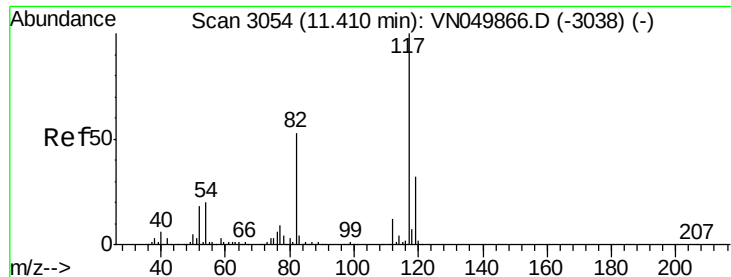
Tot Ion: 98 Resp: 1206187
Ion Ratio Lower Upper
98 100
100 62.7 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 32.96 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049898.D
Acq: 19 Jul 2018 3:09

Tgt Ion: 95 Resp: 312307
Ion Ratio Lower Upper
95 100
174 94.3 0.0 179.6
176 88.9 0.0 174.0

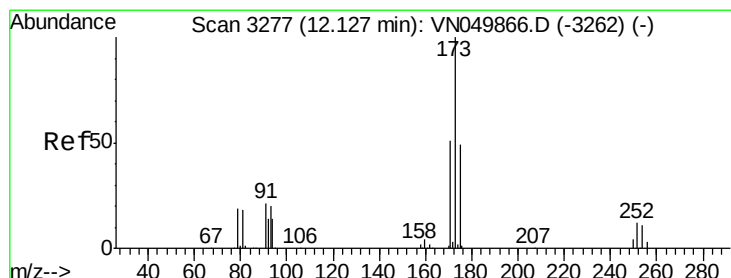
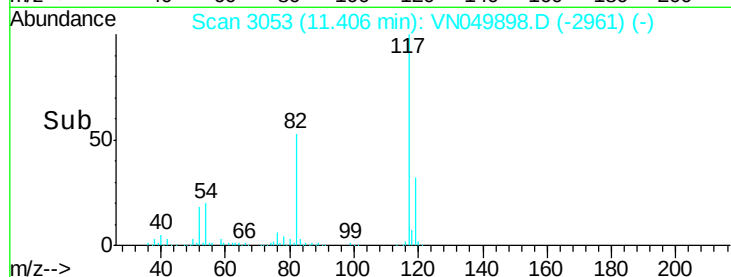
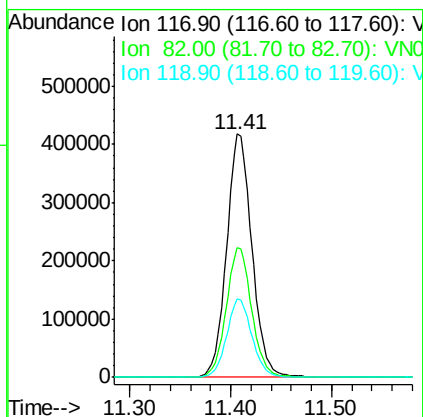
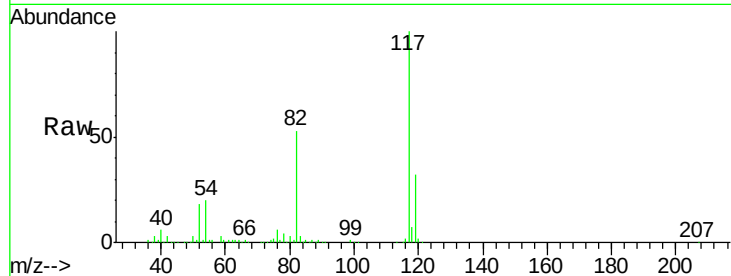




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. -0.00 min
Lab File: VN049898.D
Acq: 19 Jul 2018 3:09

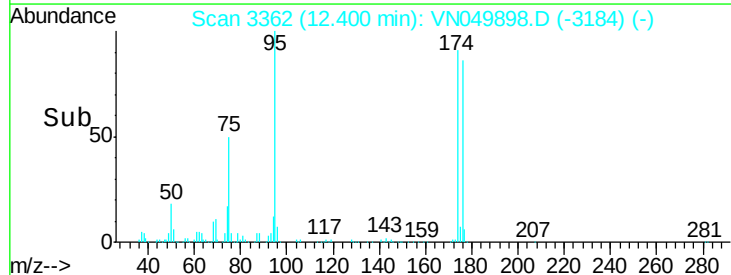
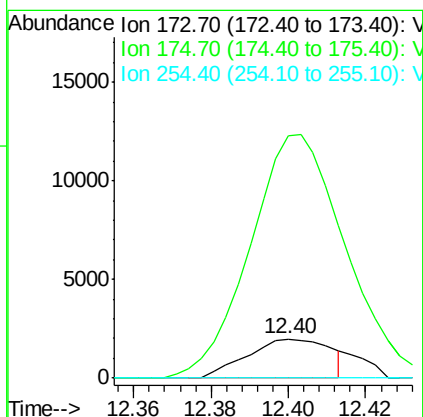
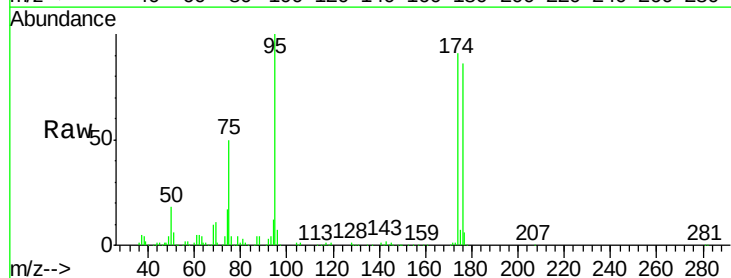
Instrument :
MSVOA_N
ClientSampled :

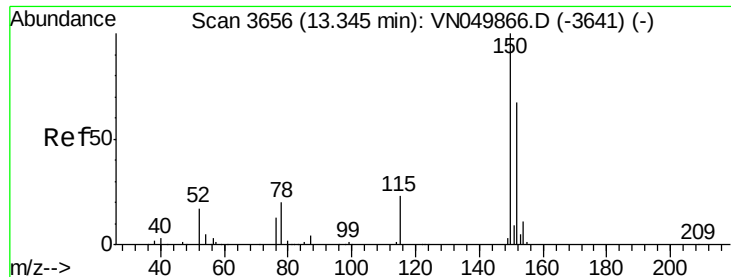
Tot Ion:117 Resp: 733027
Ion Ratio Lower Upper
117 100
82 53.0 41.9 62.9
119 32.0 25.4 38.2



#71
Bromoform
Concen: 0.58 ug/l
RT: 12.40 min Scan# 3362
Delta R.T. 0.27 min
Lab File: VN049898.D
Acq: 19 Jul 2018 3:09

Tgt Ion:173 Resp: 2969
Ion Ratio Lower Upper
173 100
175 596.3 24.6 73.8#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049898.D

Acq: 19 Jul 2018 3:09

Instrument :

MSVOA_N

ClientSampleId :

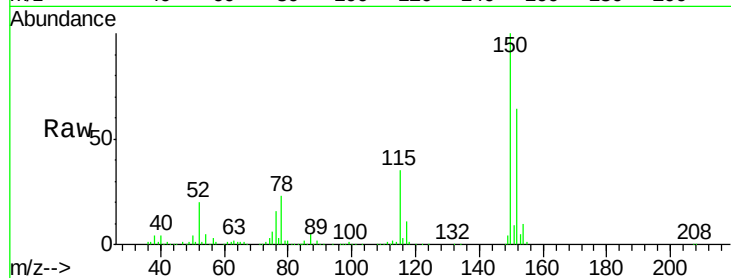
Tot Ion:152 Resp: 266408

Ion Ratio Lower Upper

152 100

115 54.9 28.1 84.2

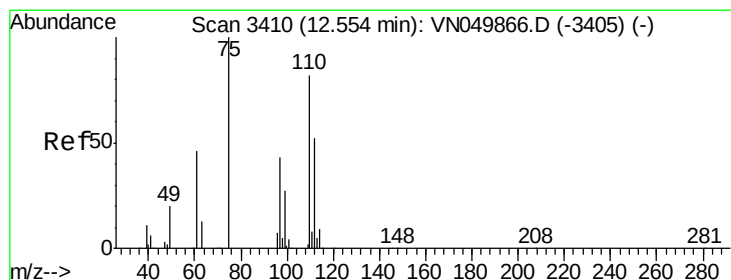
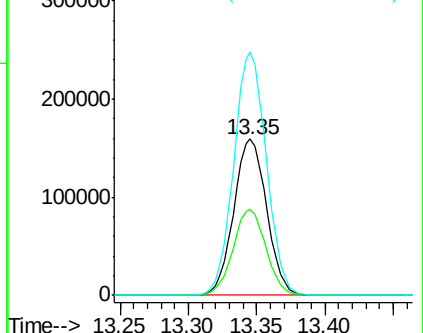
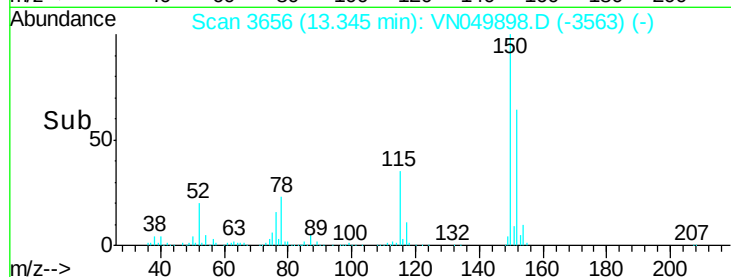
150 154.6 0.0 347.6



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



#76

1,2,3-Trichloropropane

Concen: 31.37 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049898.D

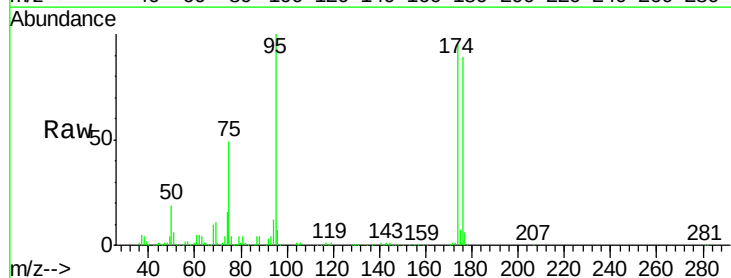
Acq: 19 Jul 2018 3:09

Tgt Ion: 75 Resp: 156792

Ion Ratio Lower Upper

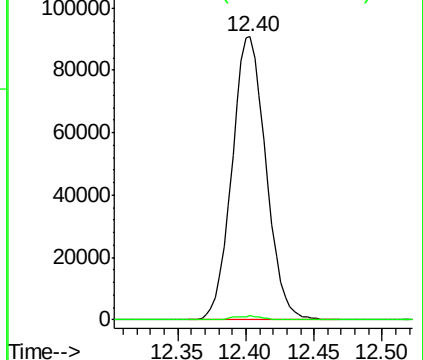
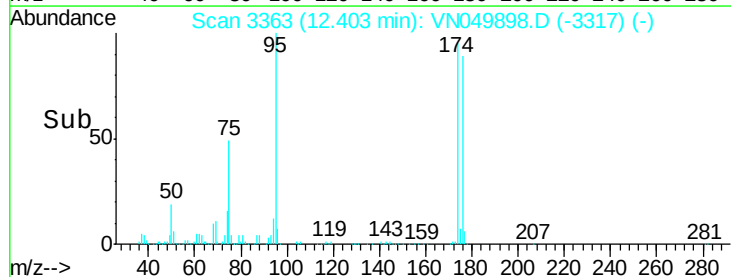
75 100

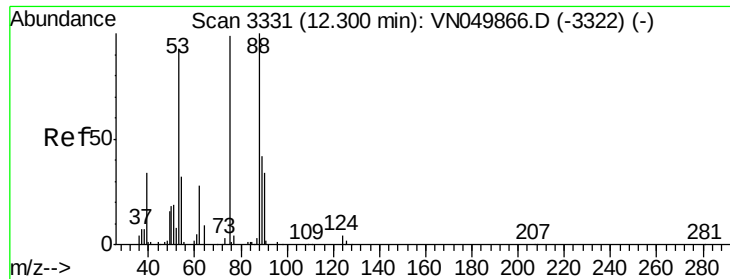
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 98.11 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049898.D

Acq: 19 Jul 2018 3:09

Instrument :

MSVOA_N

ClientSampleId :

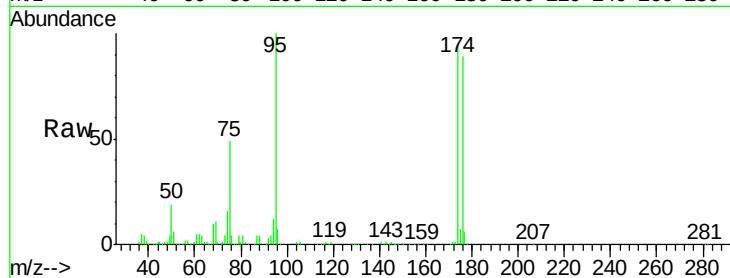
Tot Ion: 75 Resp: 156792

Ion Ratio Lower Upper

75 100

53 0.2 73.9 110.9#

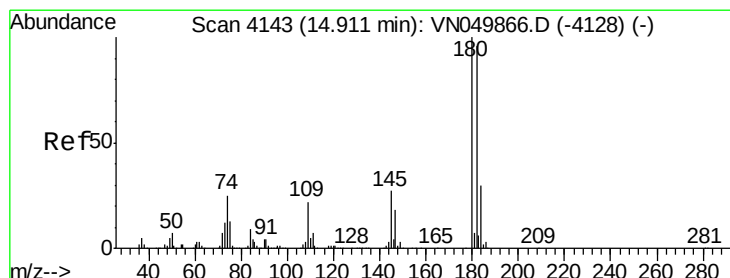
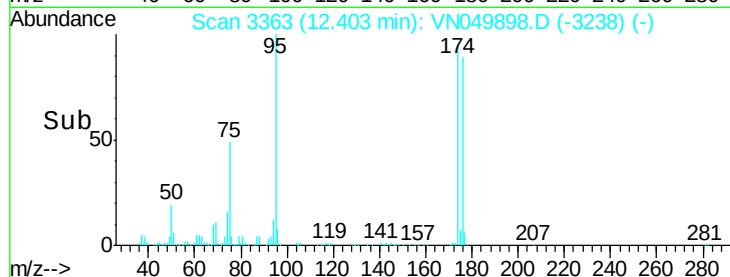
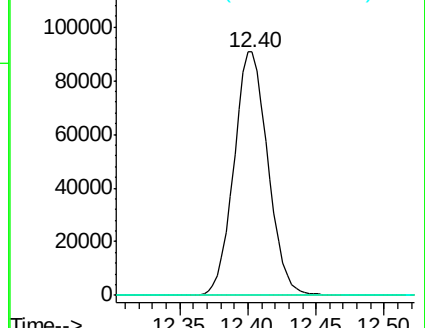
89 0.0 35.9 53.9#



Abundance Ion 74.90 (74.60 to 75.60): VN049898.D (-3363) (-)

Ion 53.00 (52.70 to 53.70): VN049898.D (-3363) (-)

Ion 88.90 (88.60 to 89.60): VN049898.D (-3363) (-)



#93

1,2,4-Trichlorobenzene

Concen: 3.48 ug/l

RT: 14.92 min Scan# 4145

Delta R.T. 0.01 min

Lab File: VN049898.D

Acq: 19 Jul 2018 3:09

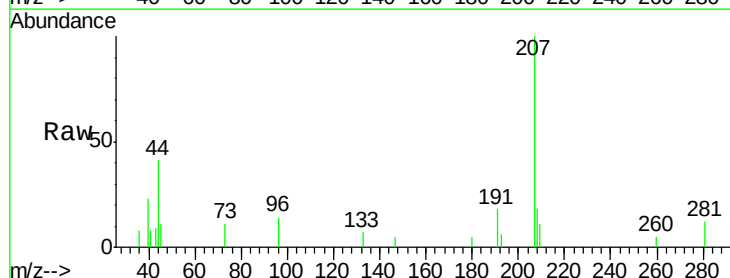
Tgt Ion: 180 Resp: 30

Ion Ratio Lower Upper

180 100

182 0.0 47.3 141.9#

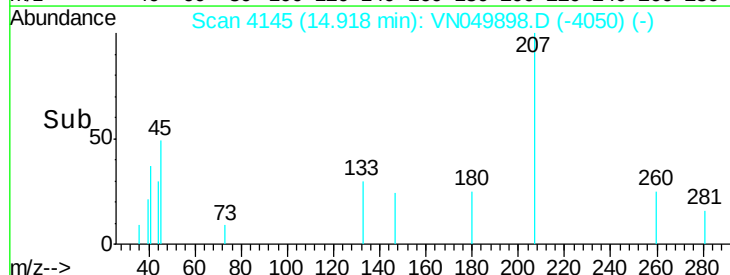
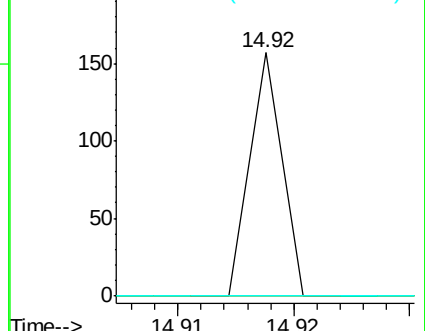
145 0.0 14.4 43.0#

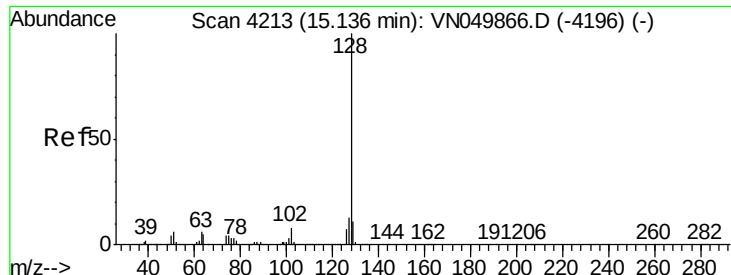


Abundance Ion 179.80 (179.50 to 180.50): VN049898.D (-4145) (-)

Ion 181.80 (181.50 to 182.50): VN049898.D (-4145) (-)

Ion 144.80 (144.50 to 145.50): VN049898.D (-4145) (-)

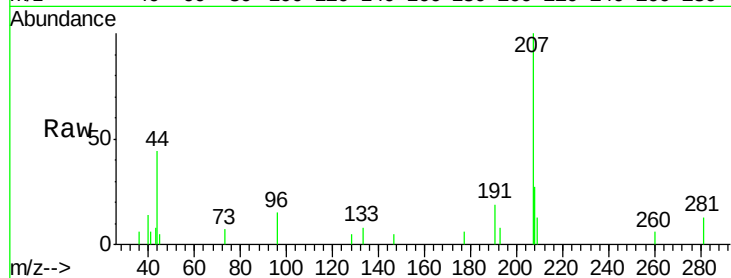




#95
 Naphthalene
 Concen: 4.49 ug/l
 RT: 15.14 min Scan# 4214
 Delta R.T. 0.00 min
 Lab File: VN049898.D
 Acq: 19 Jul 2018 3:09

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.6	13.0#



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

