

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031119\
 Data File : VN054142.D
 Acq On : 11 Mar 2019 15:40
 Operator : JC/SP
 Sample : VN0311WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311WBL01

Quant Time: Mar 12 03:22:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031119W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 12 00:55:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1583820	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2578511	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2569764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	999686	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	850051	50.19	ug/l	0.00
Spiked Amount			Recovery	=	100.38%	
35) Dibromofluoromethane	7.59	113	802050	48.21	ug/l	0.00
Spiked Amount			Recovery	=	96.42%	
50) Toluene-d8	10.09	98	3163515	51.62	ug/l	0.00
Spiked Amount			Recovery	=	103.24%	
62) 4-Bromofluorobenzene	12.40	95	1154998	53.83	ug/l	0.00
Spiked Amount			Recovery	=	107.66%	

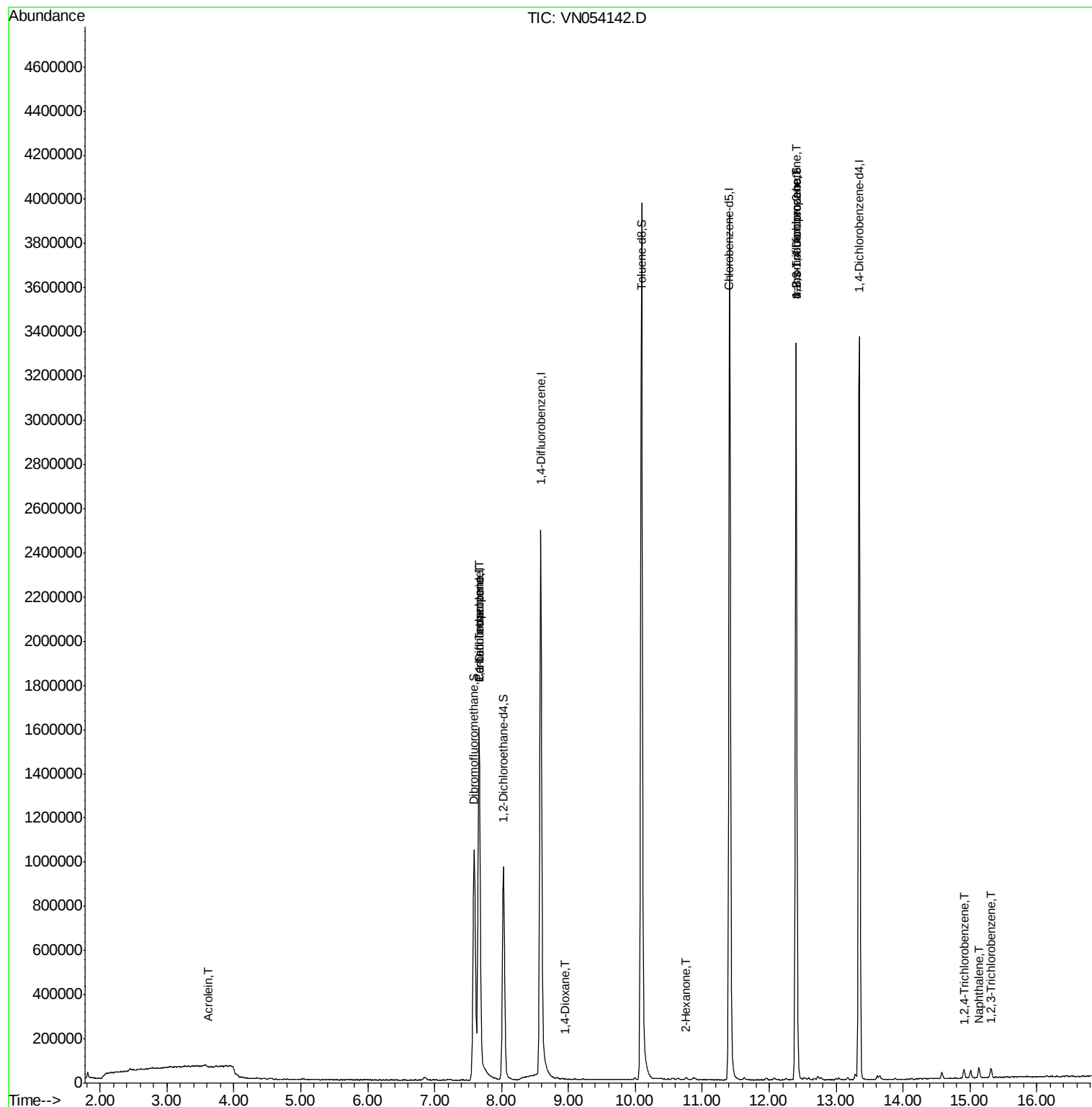
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.62	56	1688	1.779	ug/l #	14
16) Acetone	3.82	43	2355	Below Cal	#	61
31) Cyclohexane	7.67	56	24105	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	91261	4.067	ug/l #	50
38) Carbon Tetrachloride	7.66	117	128730	5.175	ug/l #	15
49) 1,4-Dioxane	8.95	88	101	0.599	ug/l #	22
59) 2-Hexanone	10.75	43	9516	1.105	ug/l	98
76) 1,2,3-Trichloropropane	12.40	75	561433	39.769	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	561433	118.382	ug/l #	11
93) 1,2,4-Trichlorobenzene	14.91	180	13178	0.748	ug/l	98
95) Naphthalene	15.14	128	40549	1.085	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	17150	0.961	ug/l	98

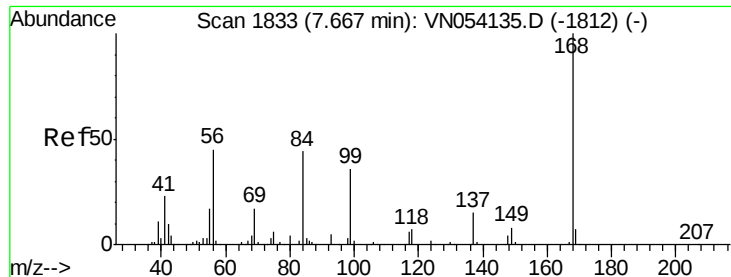
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Mar 12 00:55:17 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054142.D

Acq: 11 Mar 2019 15:40

Instrument :

MSVOA_N

ClientSampleId :

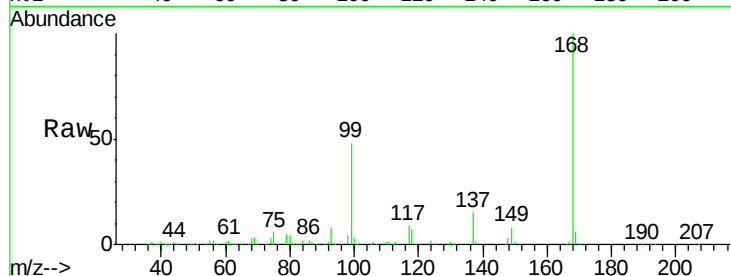
VN0311WBL01

Tot Ion:168 Resp: 1583820

Ion Ratio Lower Upper

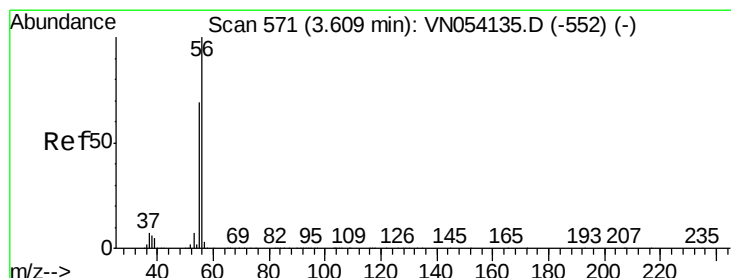
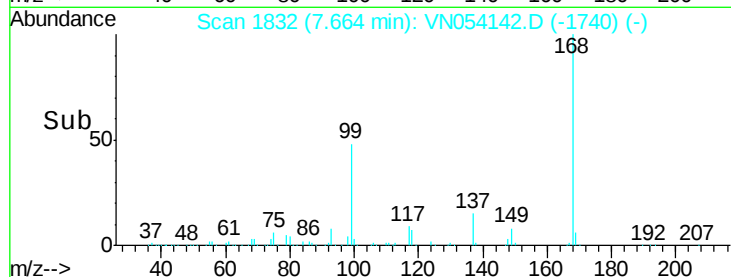
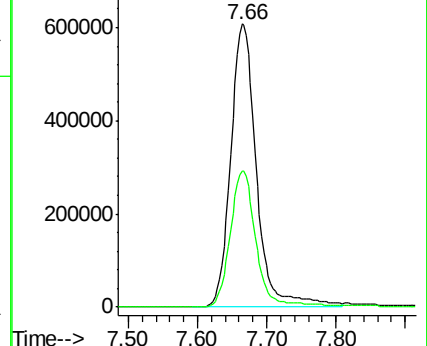
168 100

99 48.2 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#13

Acrolein

Concen: 1.779 ug/l

RT: 3.62 min Scan# 573

Delta R.T. 0.01 min

Lab File: VN054142.D

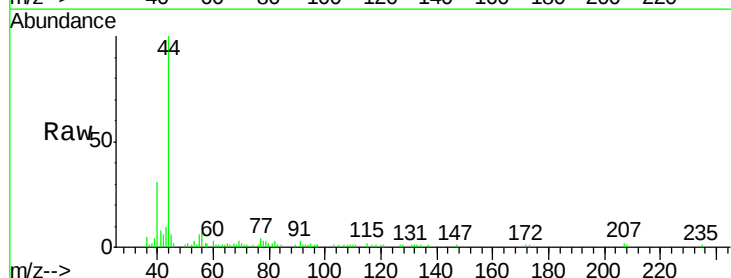
Acq: 11 Mar 2019 15:40

Tgt Ion: 56 Resp: 1688

Ion Ratio Lower Upper

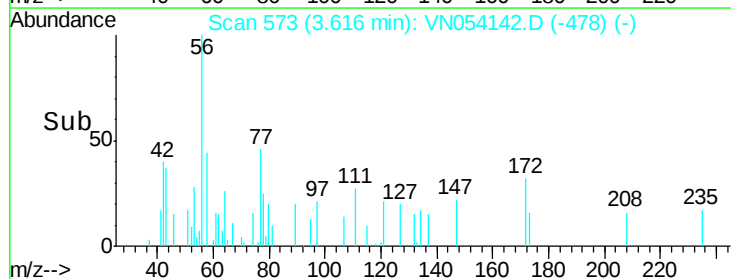
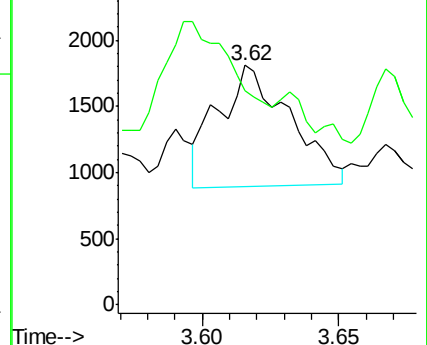
56 100

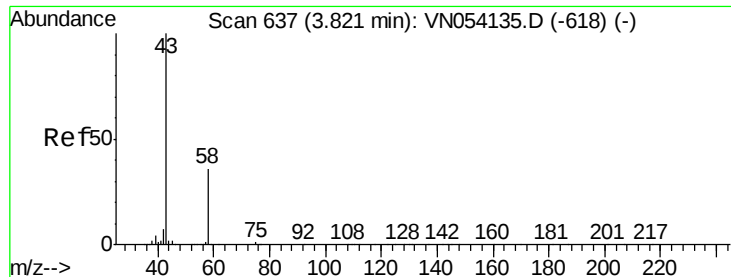
55 0.0 57.1 85.7#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0





#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054142.D

Acq: 11 Mar 2019 15:40

Instrument :

MSVOA_N

ClientSampleId :

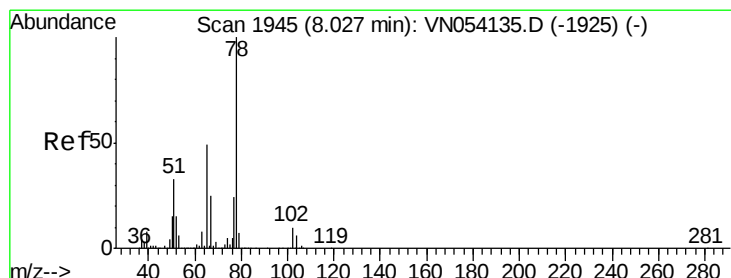
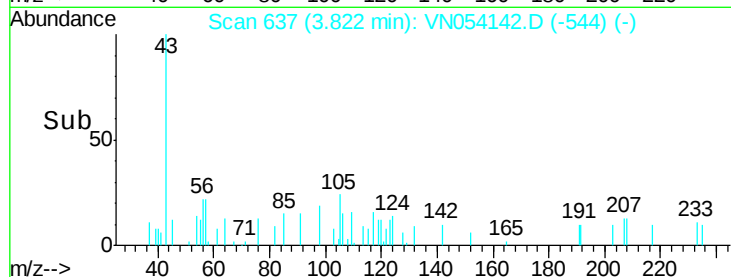
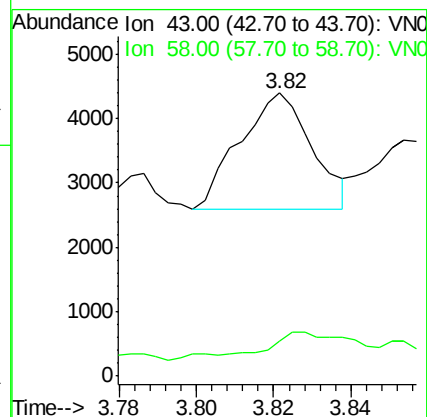
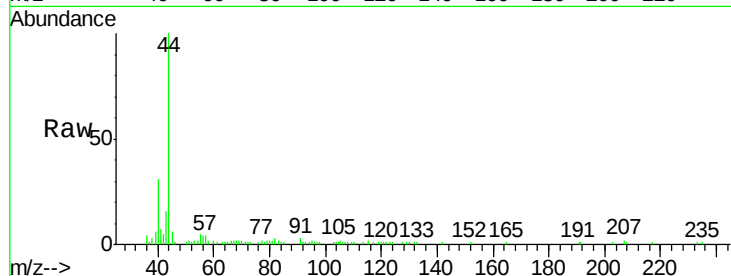
VN0311WBL01

Tot Ion: 43 Resp: 2355

Ion Ratio Lower Upper

43 100

58 10.8 26.5 39.7#



#33

1,2-Dichloroethane-d4

Concen: 50.187 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054142.D

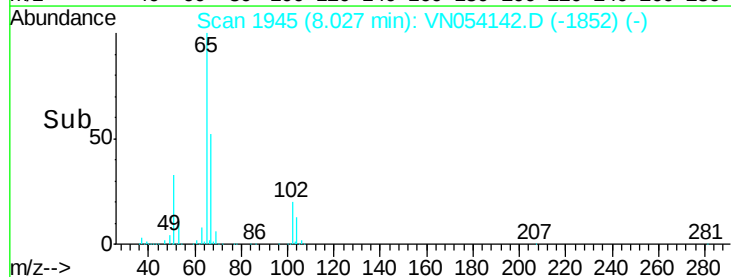
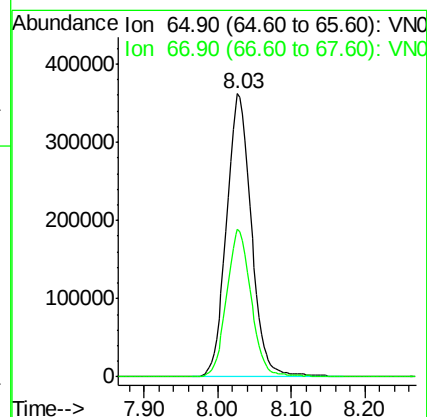
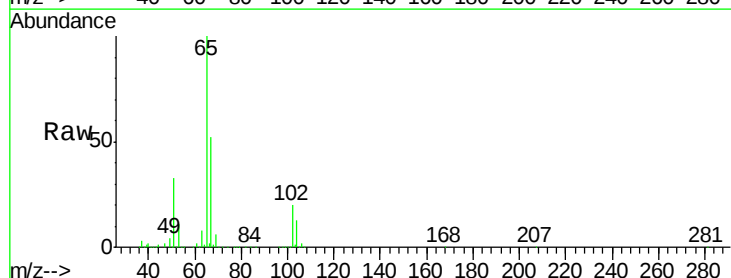
Acq: 11 Mar 2019 15:40

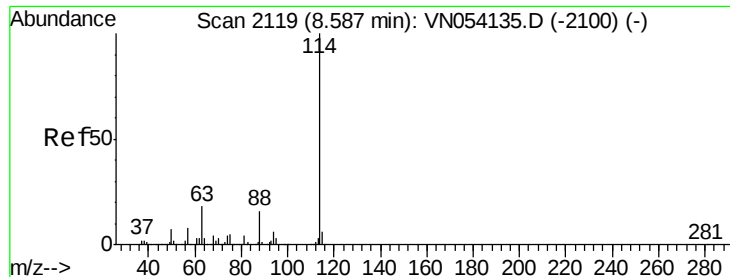
Tgt Ion: 65 Resp: 850051

Ion Ratio Lower Upper

65 100

67 51.3 0.0 109.6

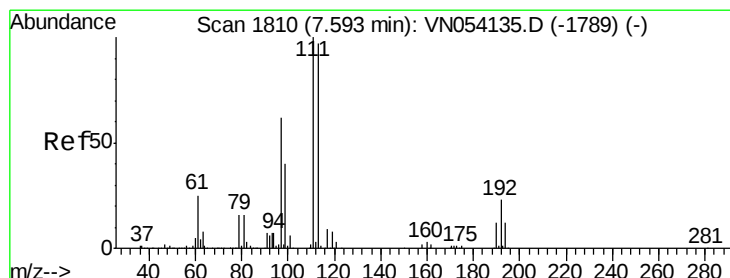
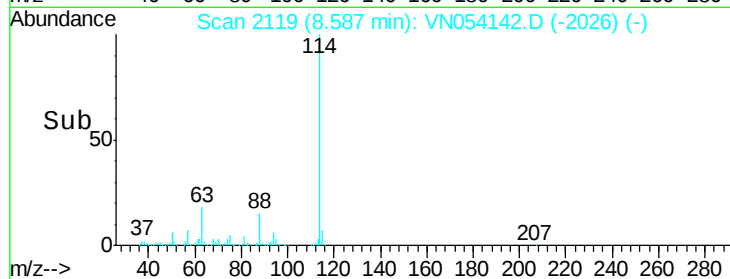
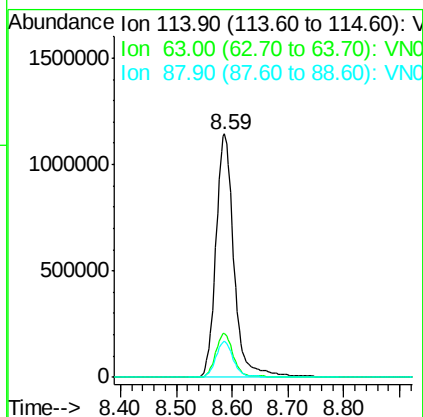
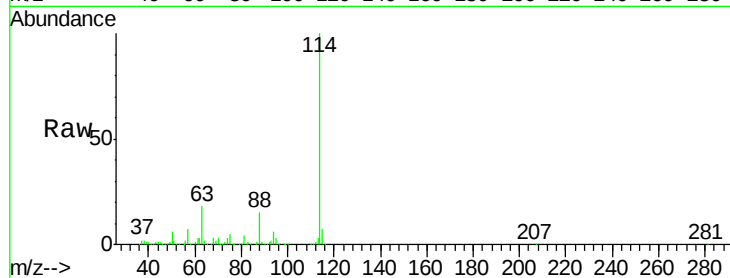




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN054142.D
Acq: 11 Mar 2019 15:40

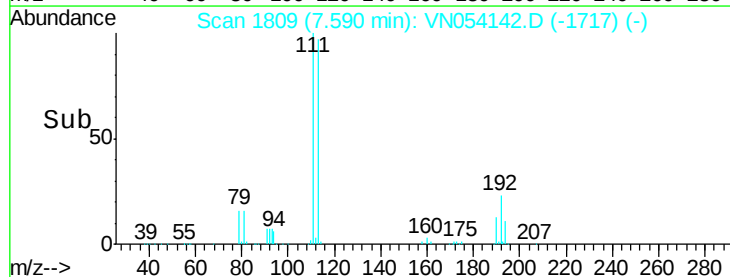
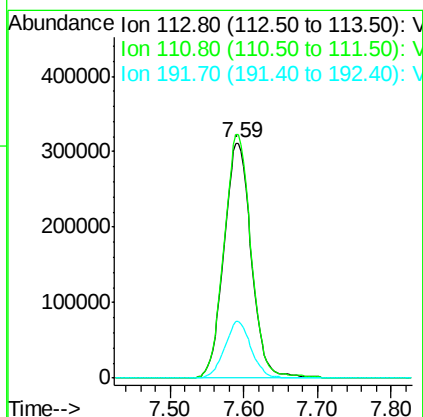
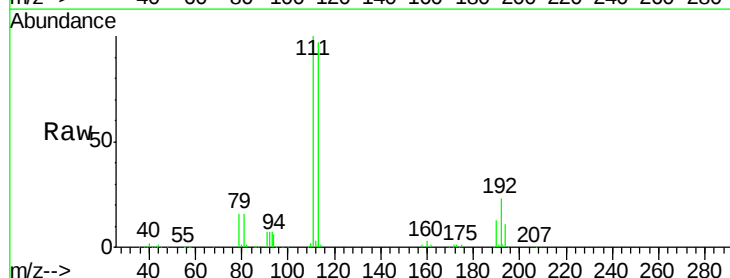
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBL01

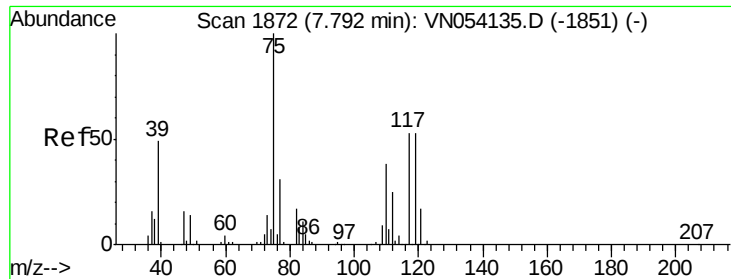
Tot Ion:114 Resp: 2578511
Ion Ratio Lower Upper
114 100
63 17.9 0.0 42.6
88 14.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 48.211 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN054142.D
Acq: 11 Mar 2019 15:40

Tgt Ion:113 Resp: 802050
Ion Ratio Lower Upper
113 100
111 102.4 82.1 123.1
192 23.5 17.4 26.0

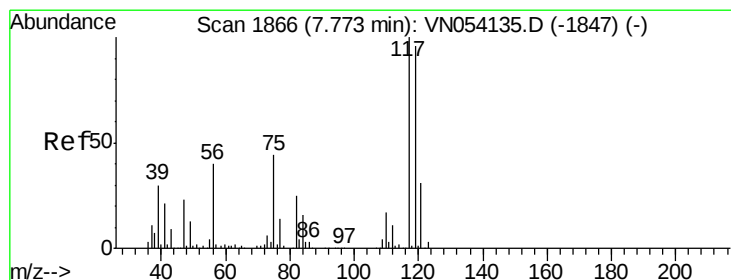
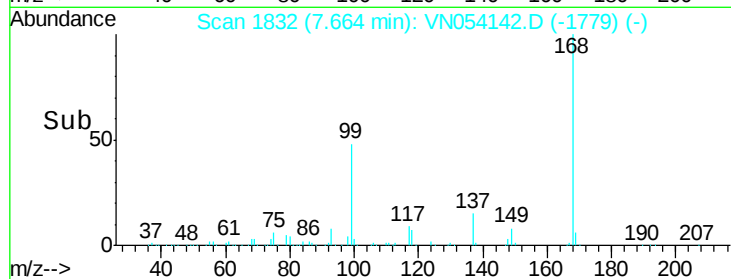
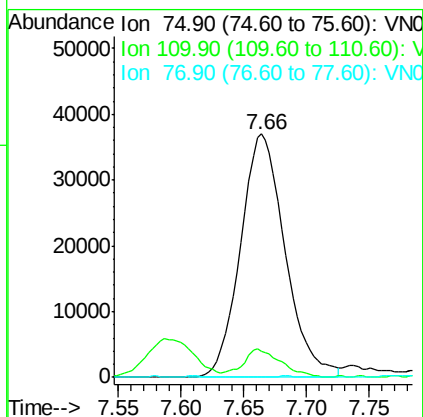
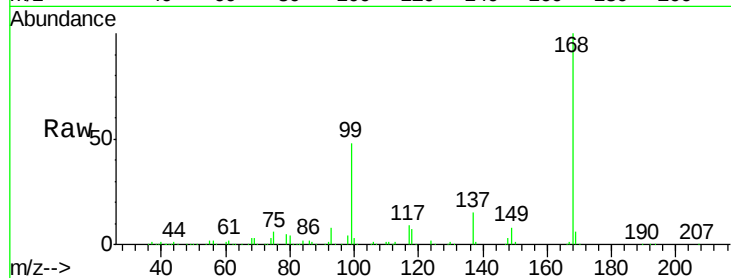




#36
 1,1-Dichloropropene
 Concen: 4.067 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN054142.D
 Acq: 11 Mar 2019 15:40

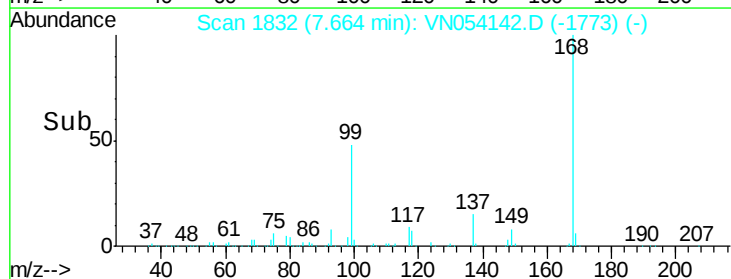
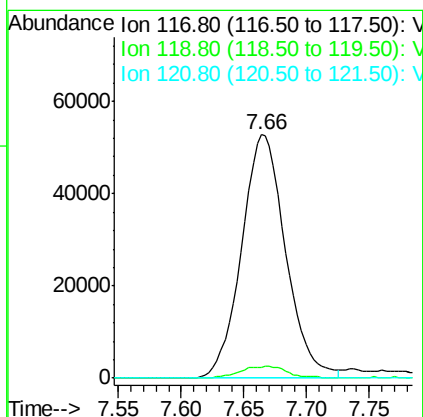
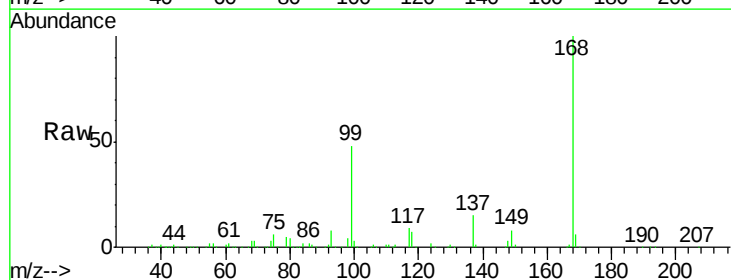
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311WBL01

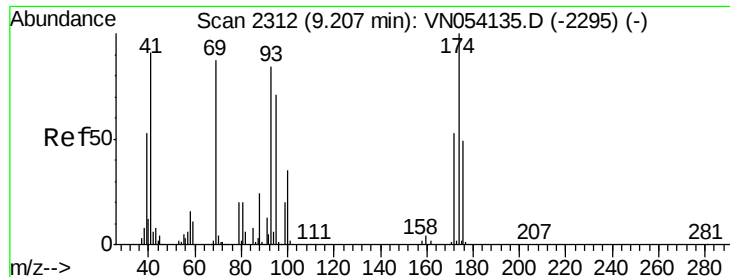
Tot Ion	75	Resp	Lower	Upper
75	100			
110	10.0	18.0	54.0#	
77	0.0	25.3	37.9#	



#38
 Carbon Tetrachloride
 Concen: 5.175 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN054142.D
 Acq: 11 Mar 2019 15:40

Tgt Ion	117	Resp	Lower	Upper
117	100			
119	4.6	77.0	115.6#	
121	0.0	24.3	36.5#	





#49

1,4-Dioxane

Concen: 0.599 ug/l

RT: 8.95 min Scan# 2232

Delta R.T. -0.26 min

Lab File: VN054142.D

Acq: 11 Mar 2019 15:40

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBL01

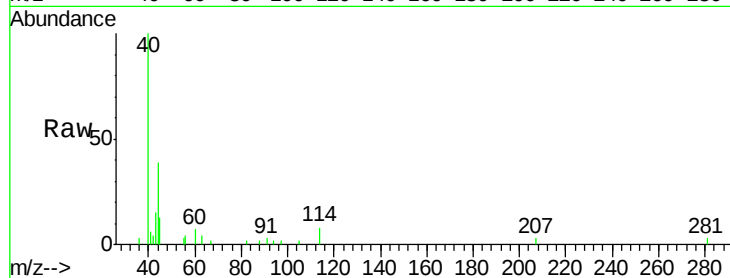
Tot Ion: 88 Resp: 101

Ion Ratio Lower Upper

88 100

43 0.0 25.5 38.3#

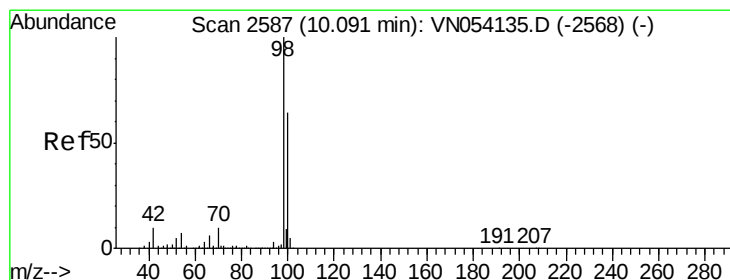
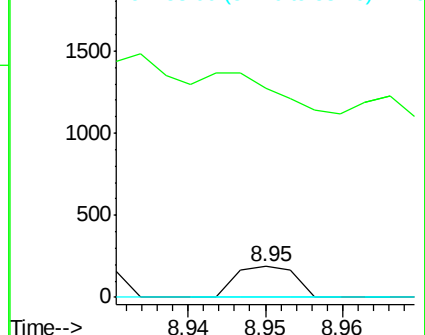
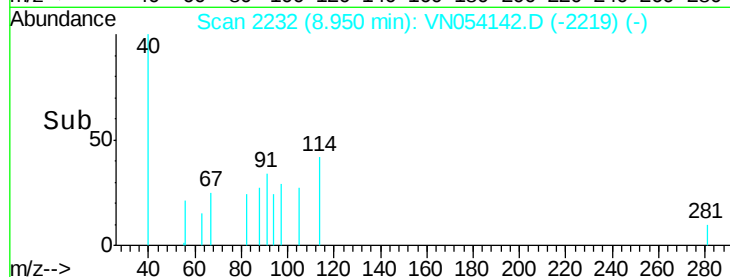
58 0.0 58.3 87.5#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 51.618 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054142.D

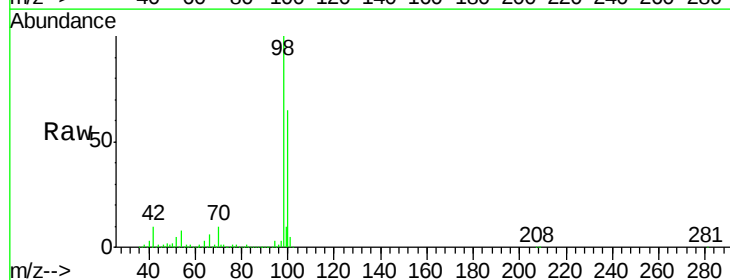
Acq: 11 Mar 2019 15:40

Tgt Ion: 98 Resp: 3163515

Ion Ratio Lower Upper

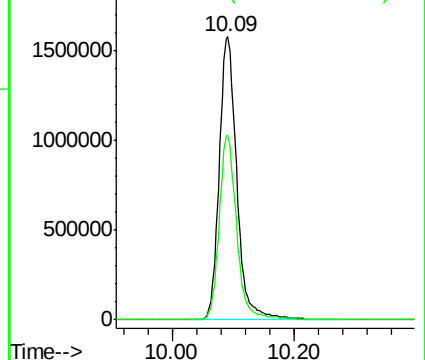
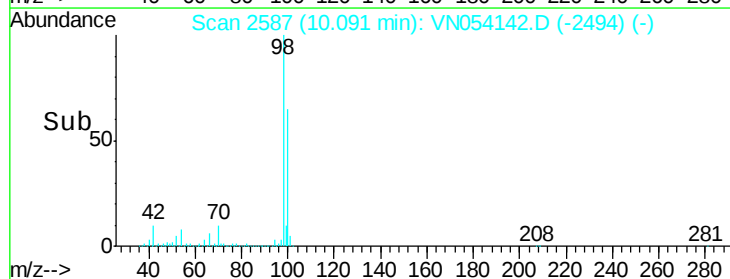
98 100

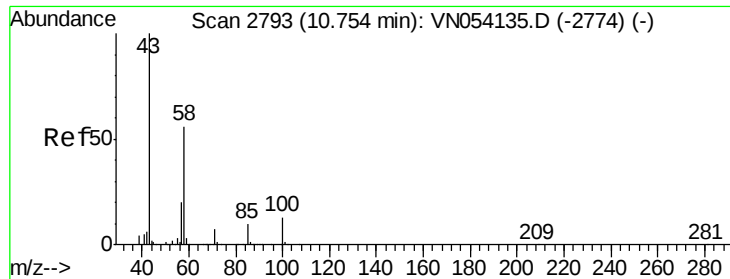
100 64.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

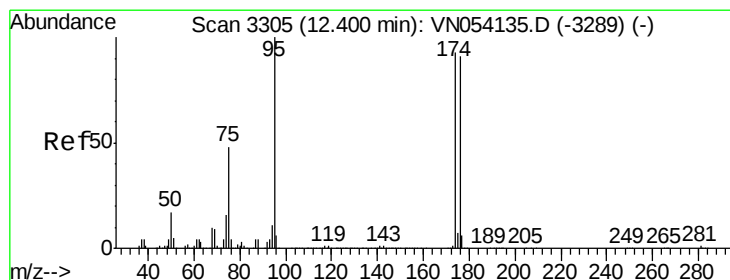
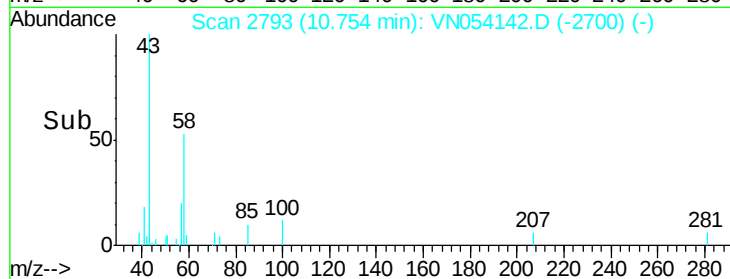
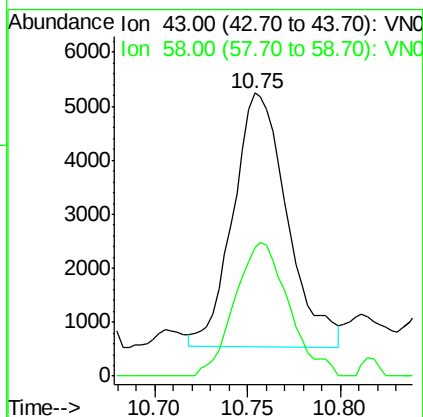
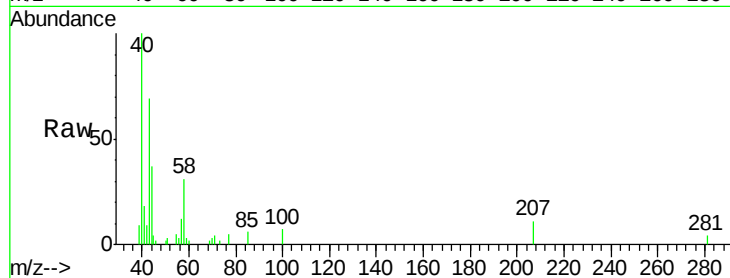




#59
2-Hexanone
Concen: 1.105 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN054142.D
Acq: 11 Mar 2019 15:40

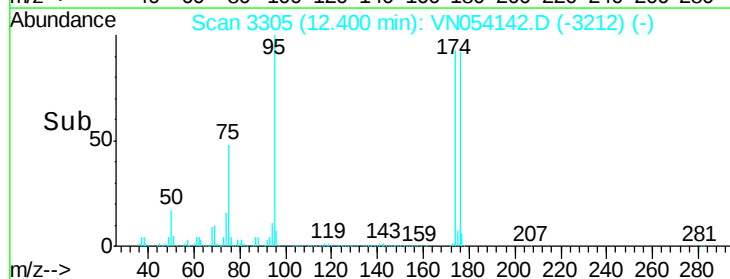
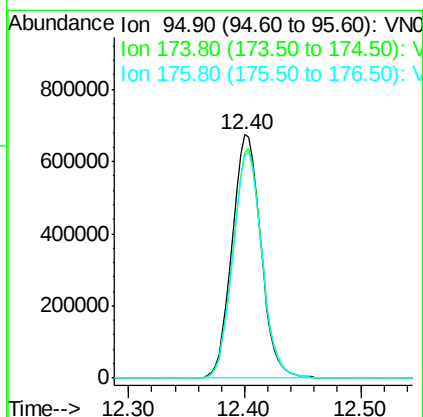
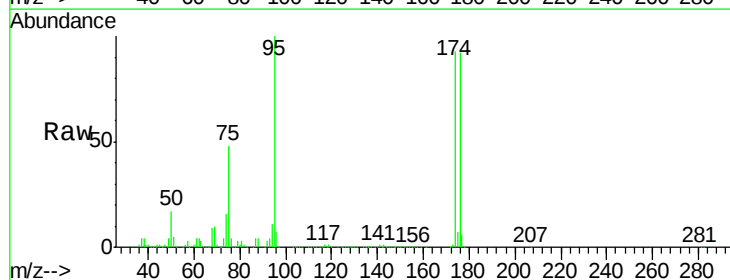
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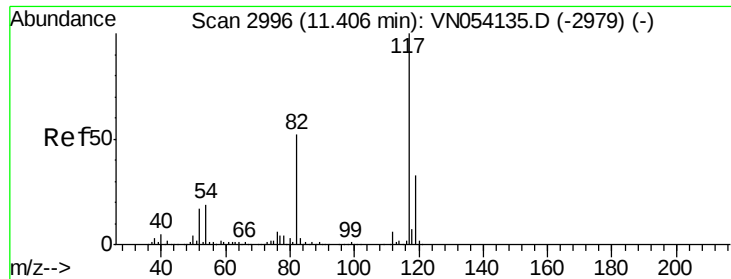
Tot Ion: 43 Resp: 9516
Ion Ratio Lower Upper
43 100
58 52.6 27.0 81.0



#62
4-Bromofluorobenzene
Concen: 53.830 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054142.D
Acq: 11 Mar 2019 15:40

Tgt Ion: 95 Resp: 1154998
Ion Ratio Lower Upper
95 100
174 95.0 0.0 173.2
176 93.3 0.0 168.8

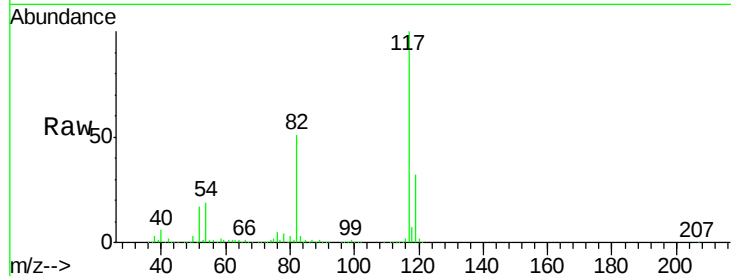




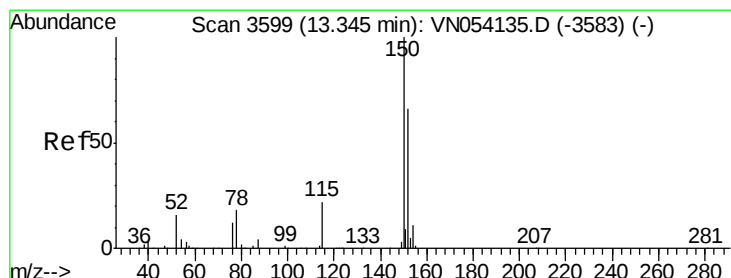
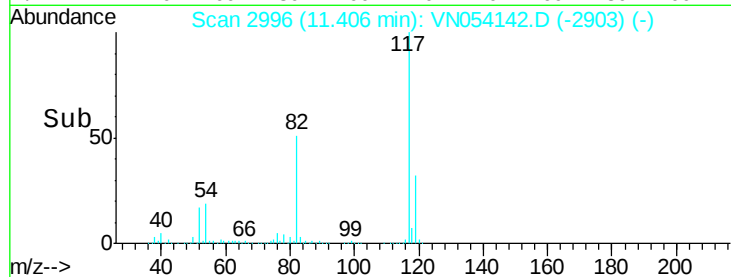
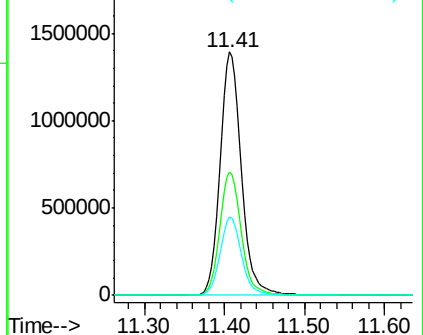
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054142.D
Acq: 11 Mar 2019 15:40

Instrument :
MSVOA_N
ClientSampleId :
VN0311WBL01

Tot Ion:117 Resp: 2569764
Ion Ratio Lower Upper
117 100
82 50.8 43.4 65.2
119 32.1 26.0 39.0

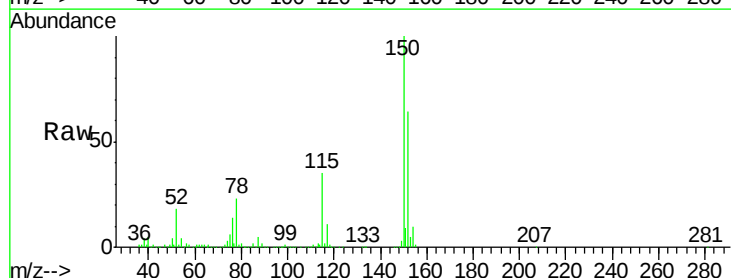


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

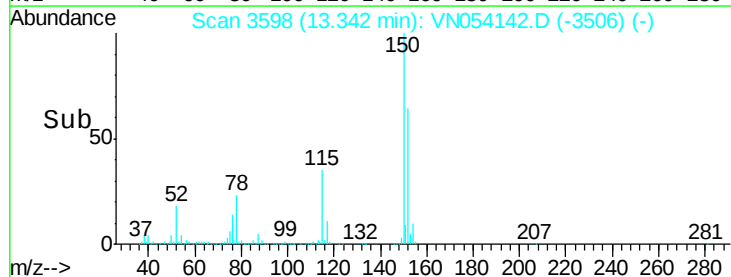
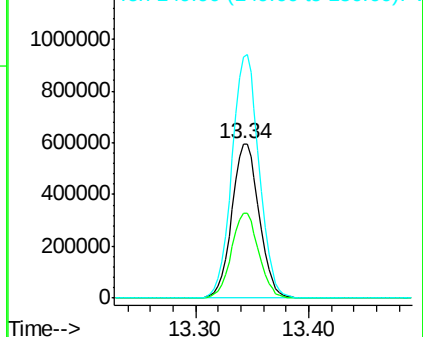


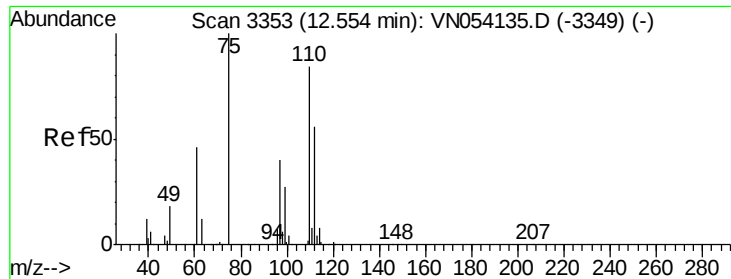
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054142.D
Acq: 11 Mar 2019 15:40

Tgt Ion:152 Resp: 999686
Ion Ratio Lower Upper
152 100
115 55.1 28.5 85.6
150 157.2 0.0 343.2



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

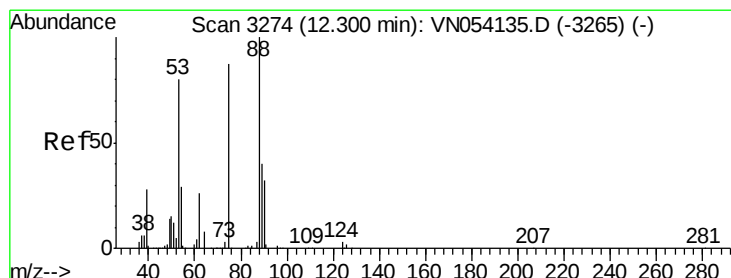
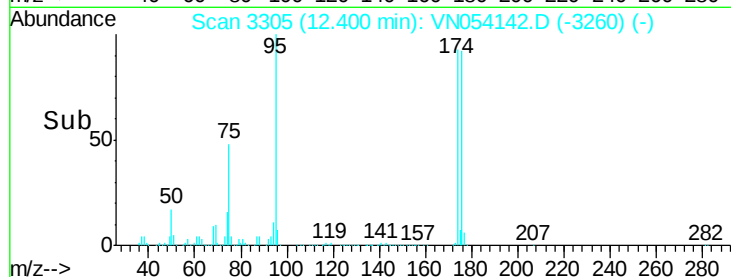
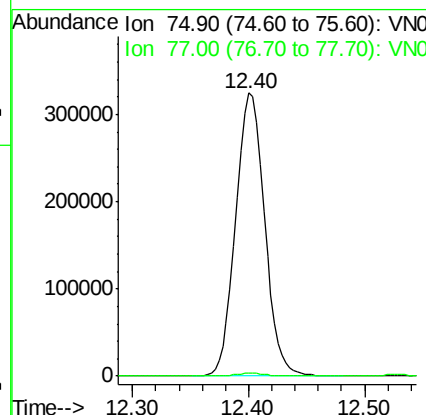
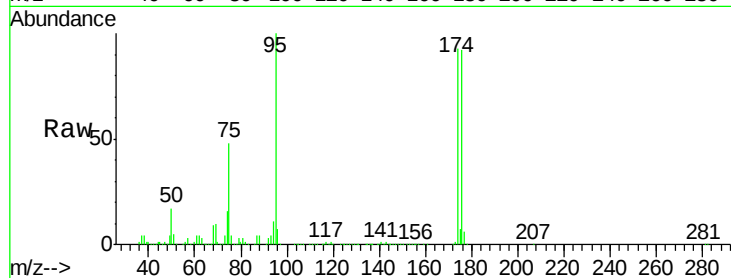




#76
 1,2,3-Trichloropropane
 Concen: 39.769 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN054142.D
 Acq: 11 Mar 2019 15:40

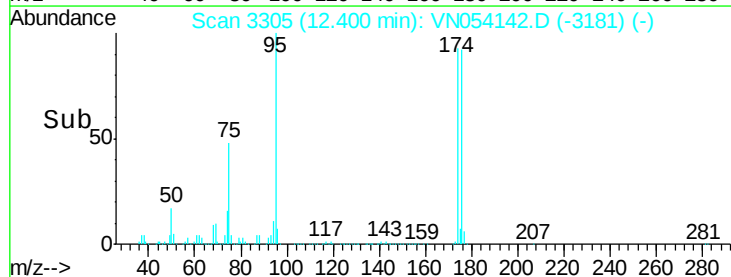
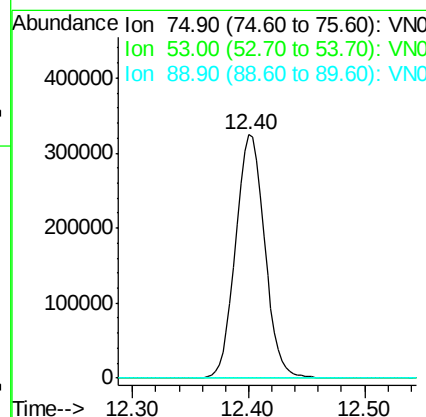
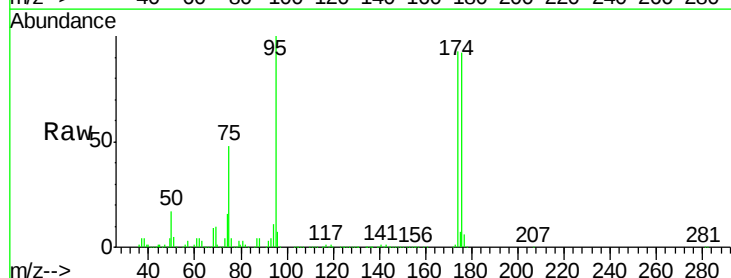
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311WBL01

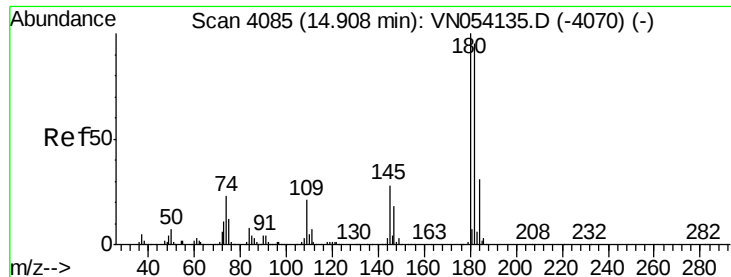
Tot Ion: 75 Resp: 561433
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 118.382 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN054142.D
 Acq: 11 Mar 2019 15:40

Tgt Ion: 75 Resp: 561433
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.4 114.6#
 89 0.0 35.3 52.9#





#93

1,2,4-Trichlorobenzene

Concen: 0.748 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN054142.D

Acq: 11 Mar 2019 15:40

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBL01

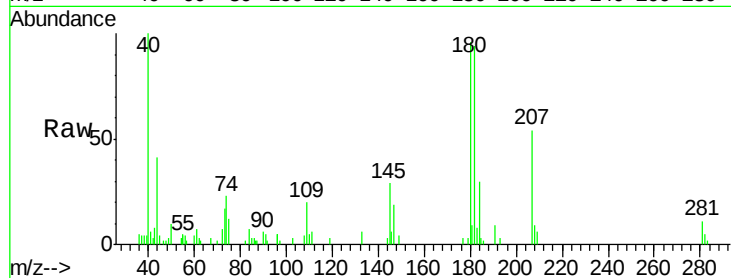
Tot Ion:180 Resp: 13178

Ion Ratio Lower Upper

180 100

182 93.6 48.1 144.3

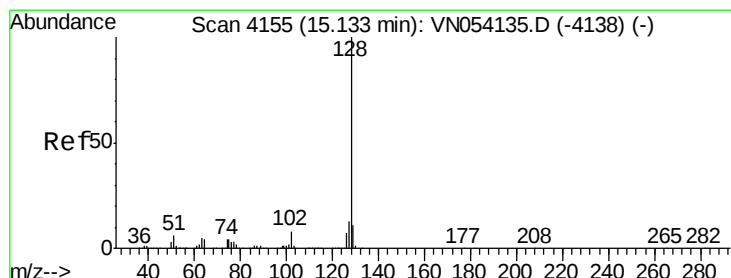
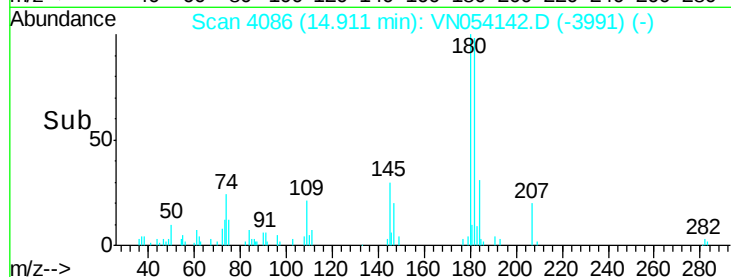
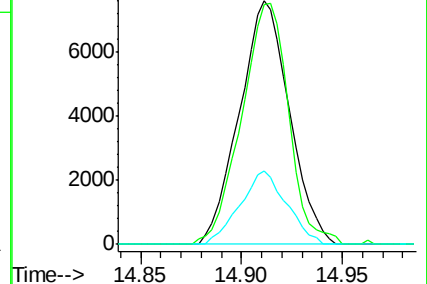
145 28.0 13.9 41.7



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: 1.085 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN054142.D

Acq: 11 Mar 2019 15:40

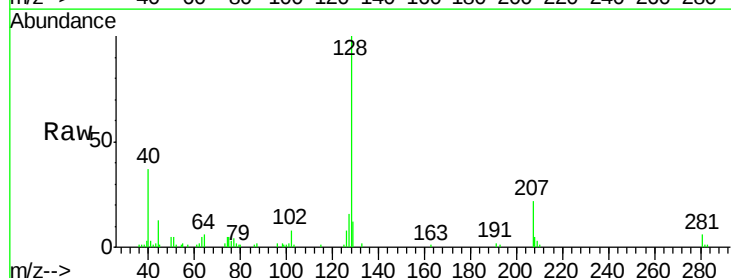
Tgt Ion:128 Resp: 40549

Ion Ratio Lower Upper

128 100

127 14.1 10.4 15.6

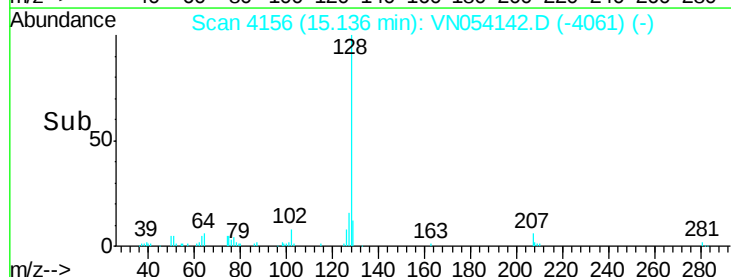
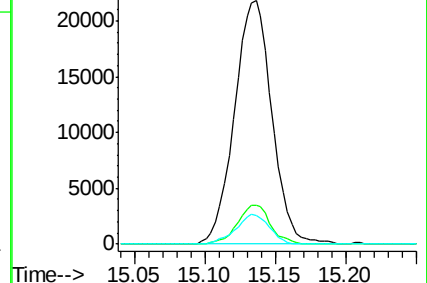
129 11.0 8.6 12.8

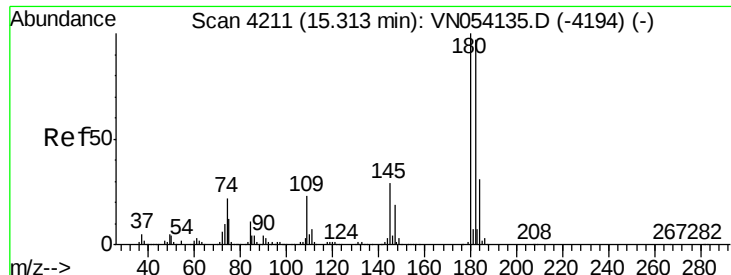


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

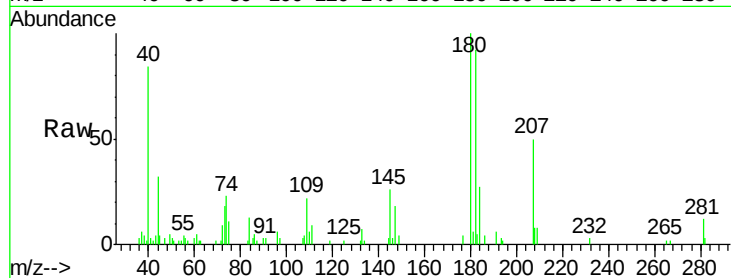




#96
 1,2,3-Trichlorobenzene
 Concen: 0.961 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. 0.00 min
 Lab File: VN054142.D
 Acq: 11 Mar 2019 15:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311WBL01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.9	143.7
145	28.5	14.9	44.5



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

