

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032219\
 Data File : VN054572.D
 Acq On : 22 Mar 2019 22:40
 Operator : JC/SP
 Sample : VN0322MBL02
 Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0322MBL02

Quant Time: Mar 23 02:36:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	581745	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	945930	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	765825	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	259115	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	378085	52.25	ug/l	0.00
Spiked Amount			Recovery	=	104.50%	
35) Dibromofluoromethane	7.59	113	296688	48.68	ug/l	0.00
Spiked Amount			Recovery	=	97.36%	
50) Toluene-d8	10.09	98	1110741	48.48	ug/l	0.00
Spiked Amount			Recovery	=	96.96%	
62) 4-Bromofluorobenzene	12.40	95	333330	42.76	ug/l	0.00
Spiked Amount			Recovery	=	85.52%	

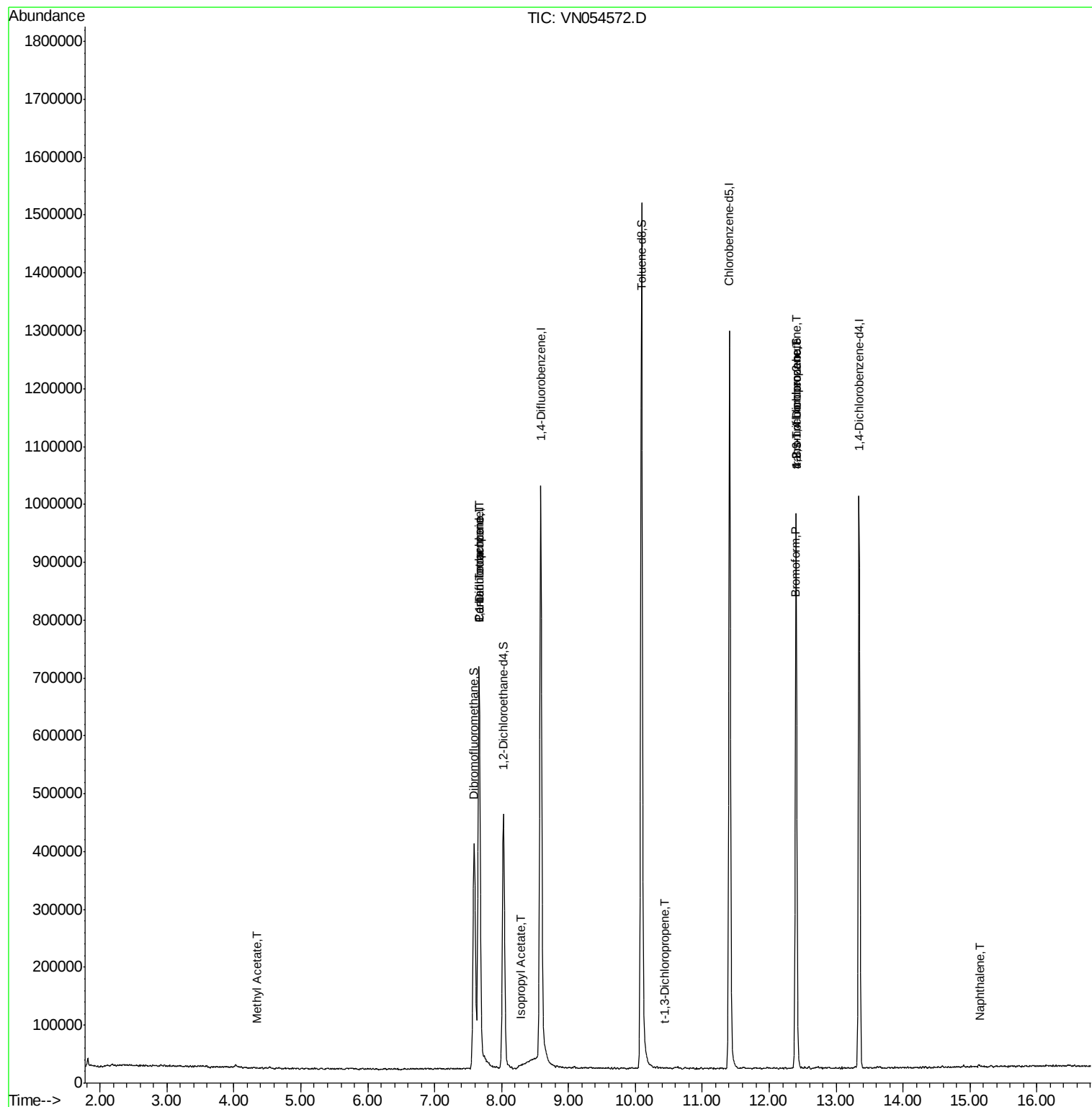
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Methyl Acetate	4.34	43	1205	0.249	ug/l #	74
31) Cyclohexane	7.66	56	11830	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	45866	5.186	ug/l #	48
38) Carbon Tetrachloride	7.67	117	55852	6.498	ug/l #	16
43) Isopropyl Acetate	8.29	43	7161	0.674	ug/l #	60
53) t-1,3-Dichloropropene	10.42	75	29	2.235	ug/l #	28
71) Bromoform	12.38	173	218	2.274	ug/l #	28
76) 1,2,3-Trichloropropane	12.40	75	169019	41.106	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	169019	135.890	ug/l #	11
94) Hexachlorobutadiene	15.01	225	29	Below Cal	#	1
95) Naphthalene	15.14	128	3323	0.360	ug/l #	88

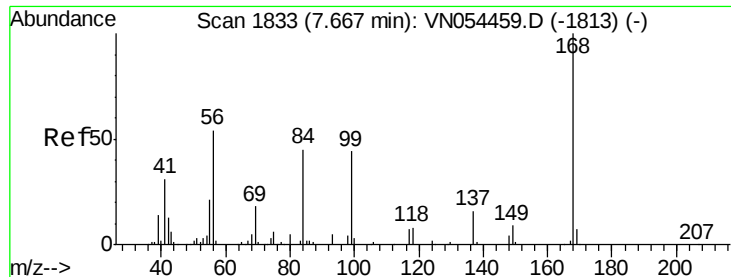
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032219\
Data File : VN054572.D
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Misc : 5.00µL/10mL/100uL/5.00mL/MSVOA_N/MEOH
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Instrument :
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Quant Time: Mar 23 02:36:23 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054572.D

Acq: 22 Mar 2019 22:40

Instrument :

MSVOA_N

ClientSampled :

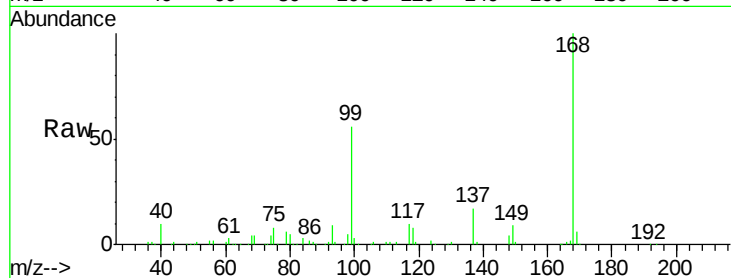
VN0322MBL02

Tot Ion:168 Resp: 581745

Ion Ratio Lower Upper

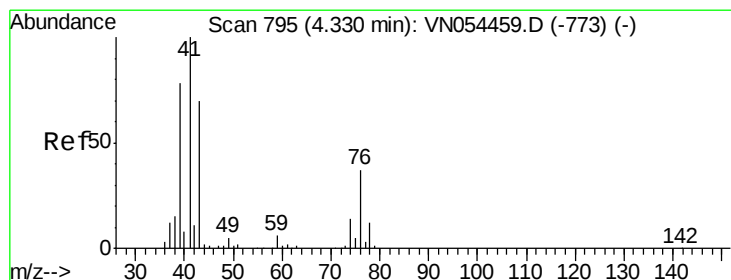
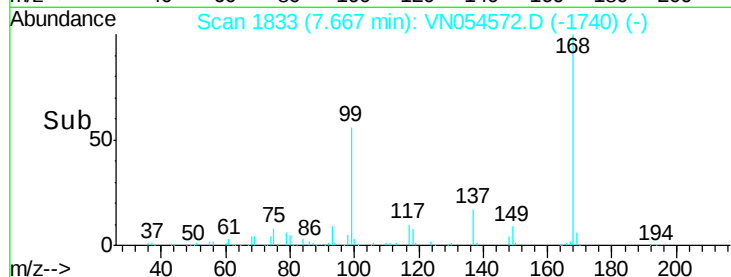
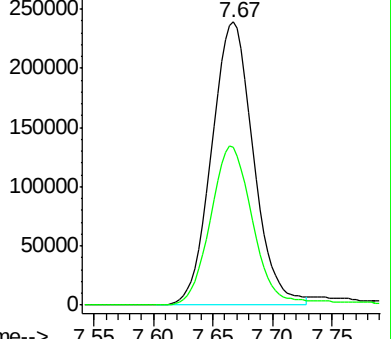
168 100

99 55.6 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#18

Methyl Acetate

Concen: 0.249 ug/l

RT: 4.34 min Scan# 798

Delta R.T. 0.01 min

Lab File: VN054572.D

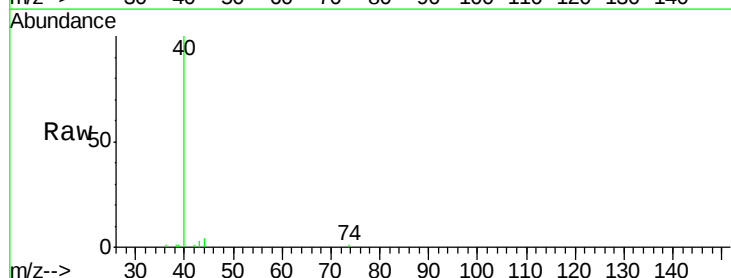
Acq: 22 Mar 2019 22:40

Tgt Ion: 43 Resp: 1205

Ion Ratio Lower Upper

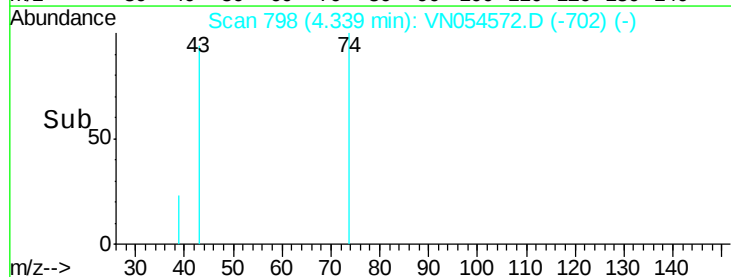
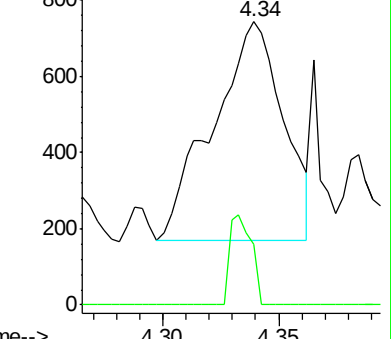
43 100

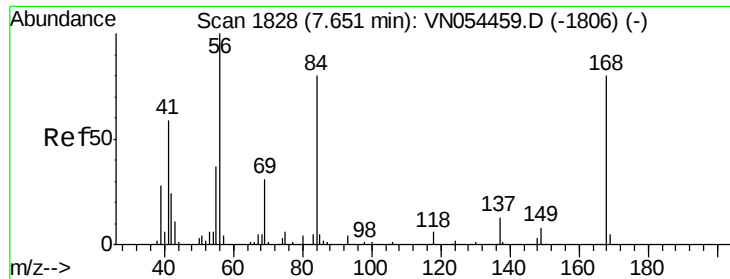
74 12.9 20.8 31.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

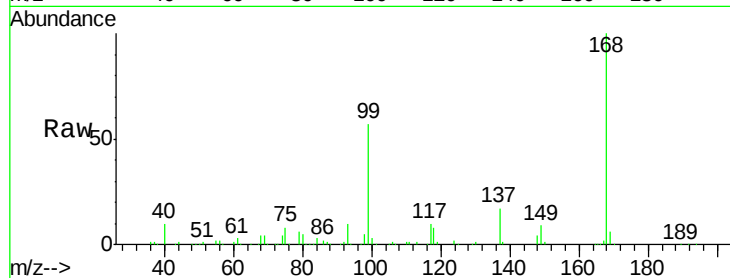




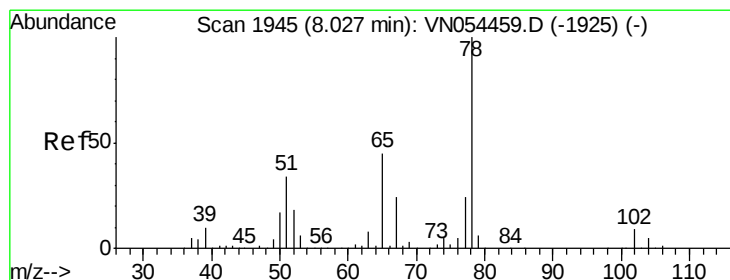
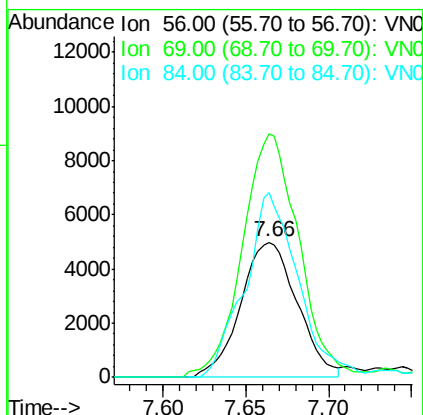
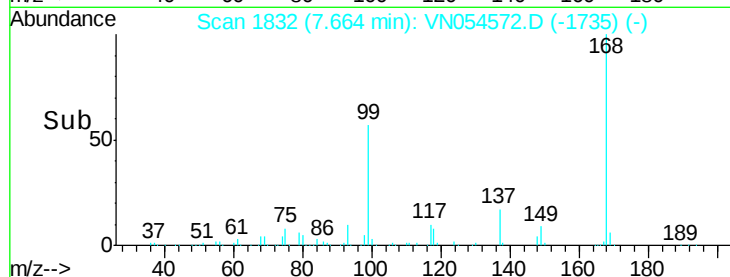
#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN054572.D
Acq: 22 Mar 2019 22:40

Instrument :
MSVOA_N
ClientSampleId :
VN0322MBL02

Tot Ion: 56 Resp: 11830
Ion Ratio Lower Upper
56 100
69 176.6 27.8 41.6#
84 137.0 74.6 111.8#

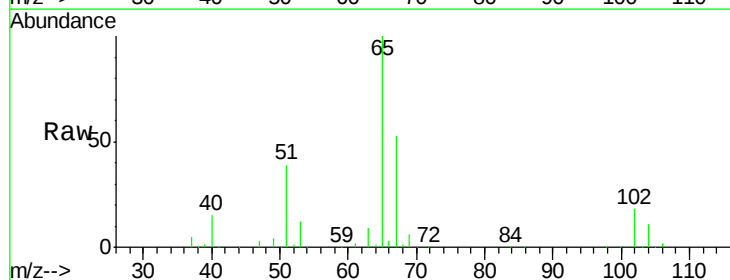


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

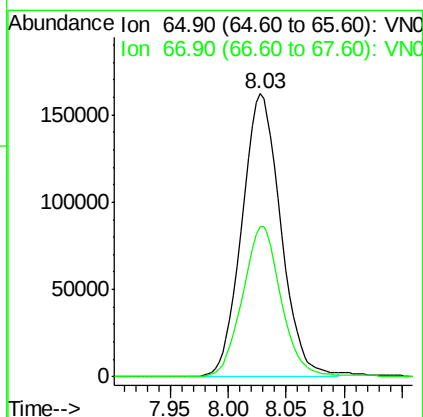
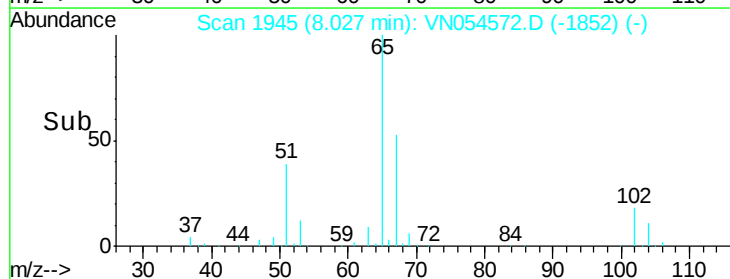


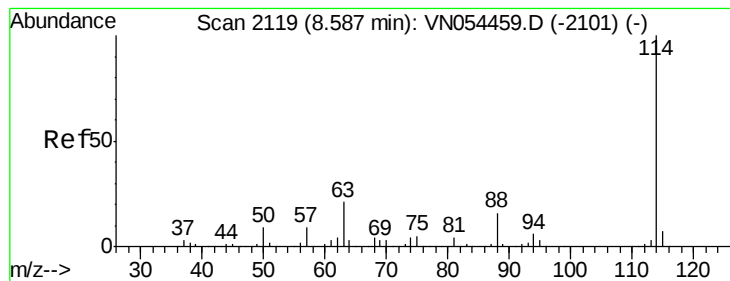
#33
1,2-Dichloroethane-d4
Concen: 52.251 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN054572.D
Acq: 22 Mar 2019 22:40

Tgt Ion: 65 Resp: 378085
Ion Ratio Lower Upper
65 100
67 53.4 0.0 104.6



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# 2119

Delta R.T. -0.00 min

Lab File: VN054572.D

Acq: 22 Mar 2019 22:40

Instrument :

MSVOA_N

ClientSampled :

VN0322MBL02

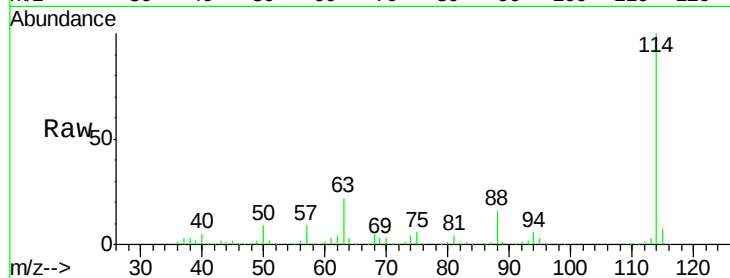
Tot Ion:114 Resp: 945930

Ion Ratio Lower Upper

114 100

63 21.7 0.0 35.2

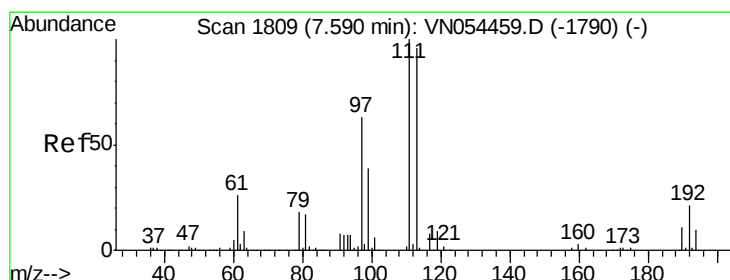
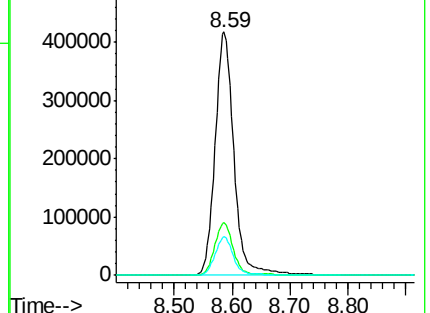
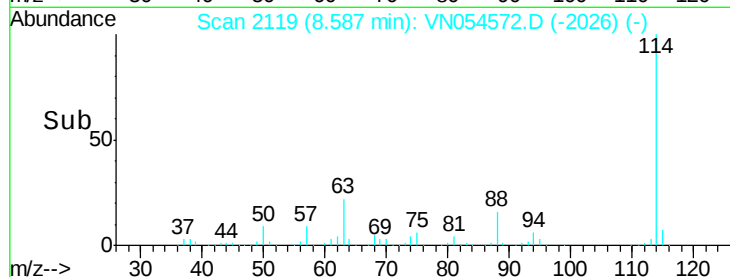
88 15.8 0.0 30.2



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: 48.684 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN054572.D

Acq: 22 Mar 2019 22:40

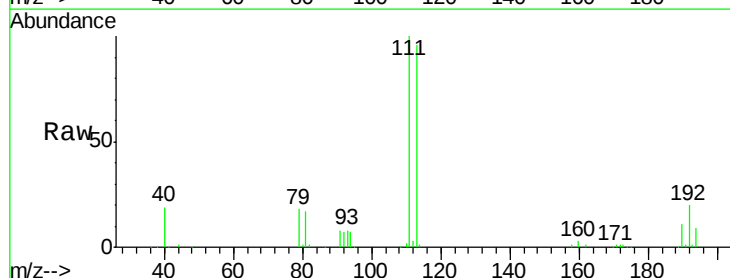
Tgt Ion:113 Resp: 296688

Ion Ratio Lower Upper

113 100

111 104.6 82.2 123.4

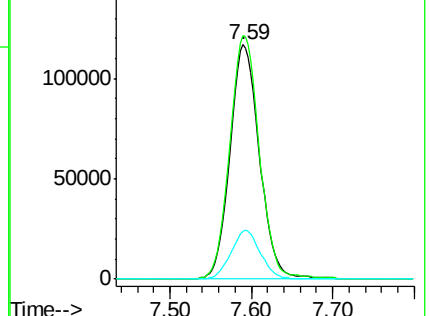
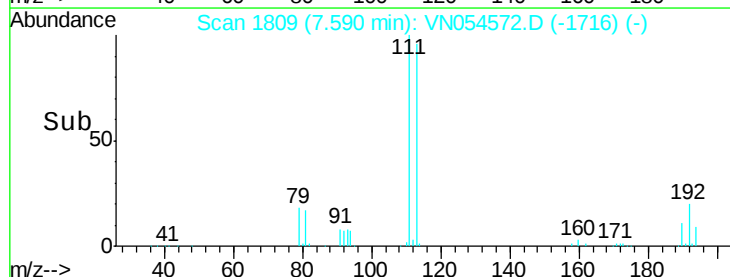
192 20.6 19.2 28.8

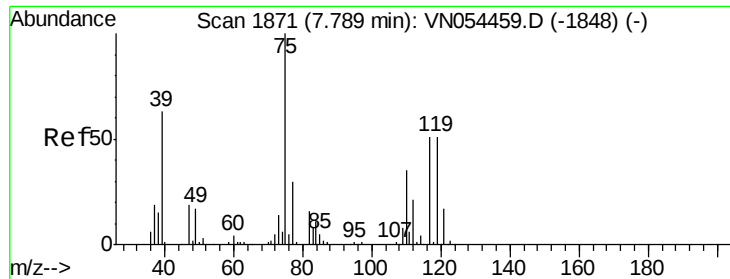


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

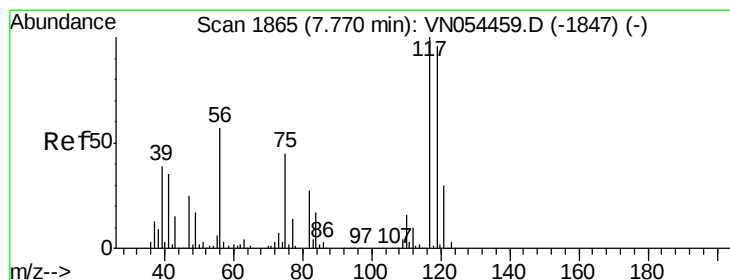
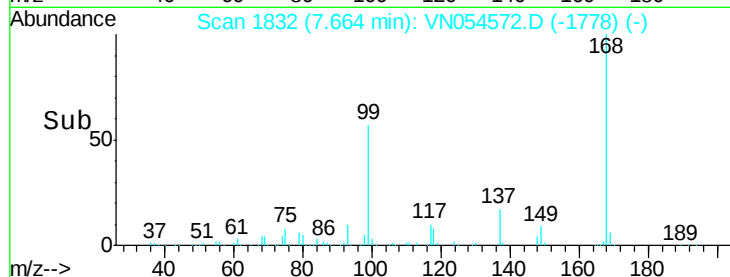
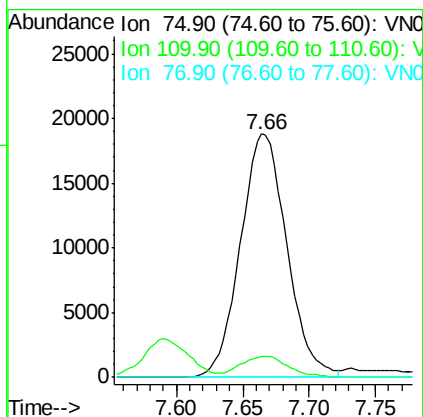
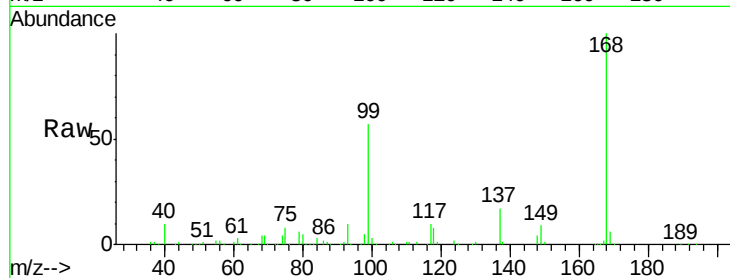




#36
 1,1-Dichloropropene
 Concen: 5.186 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN054572.D
 Acq: 22 Mar 2019 22:40

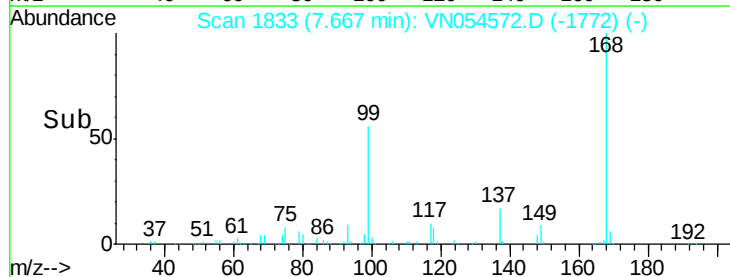
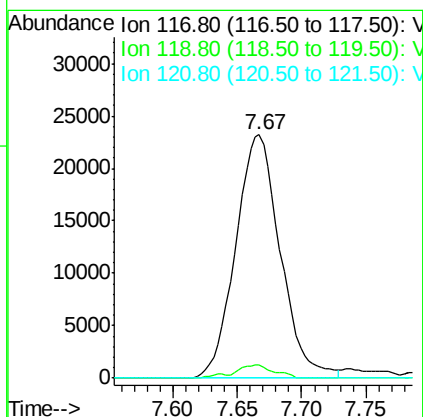
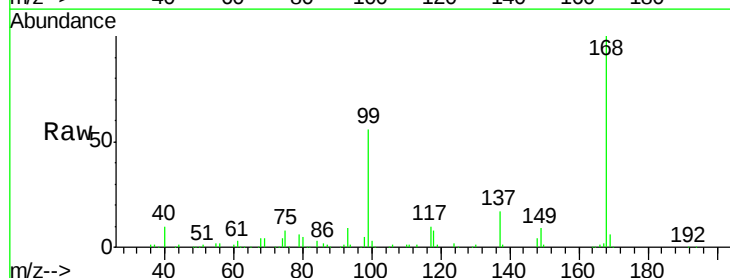
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0322MBL02

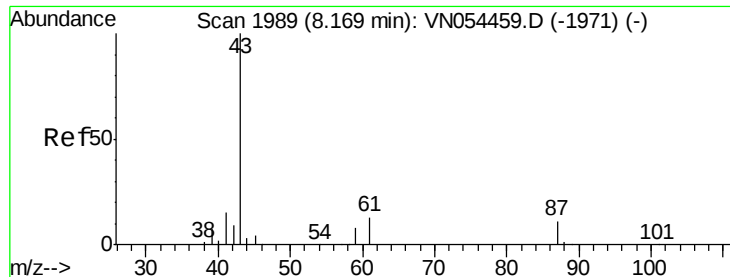
Tot Ion: 75 Resp: 45866
 Ion Ratio Lower Upper
 75 100
 110 8.8 19.1 57.5#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.498 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.10 min
 Lab File: VN054572.D
 Acq: 22 Mar 2019 22:40

Tgt Ion: 117 Resp: 55852
 Ion Ratio Lower Upper
 117 100
 119 5.3 76.3 114.5#
 121 0.0 24.6 36.8#





#43

Isopropyl Acetate

Concen: 0.674 ug/l

RT: 8.29 min Scan# 2028

Delta R.T. 0.13 min

Lab File: VN054572.D

Acq: 22 Mar 2019 22:40

Instrument :

MSVOA_N

ClientSampleId :

VN0322MBL02

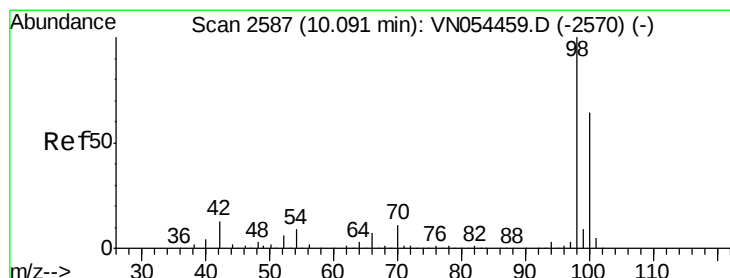
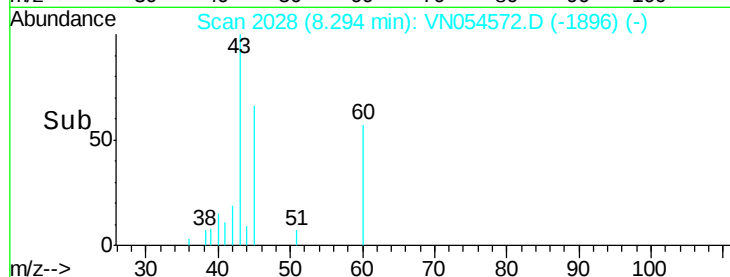
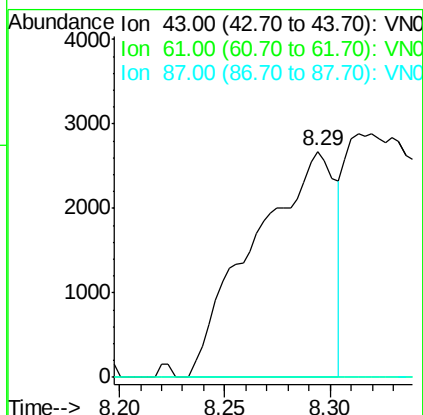
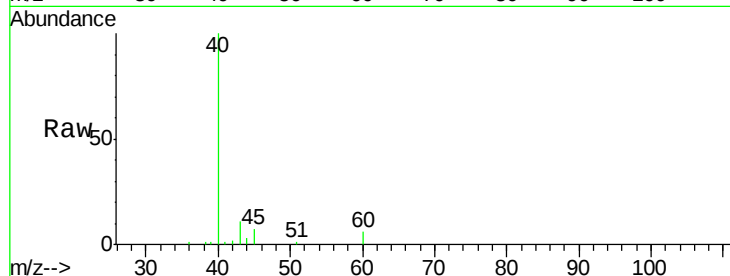
Tot Ion: 43 Resp: 7161

Ion Ratio Lower Upper

43 100

61 0.0 15.8 23.8#

87 0.0 12.0 18.0#



#50

Toluene-d8

Concen: 48.482 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054572.D

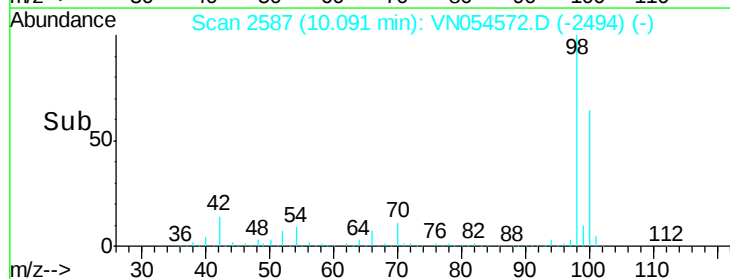
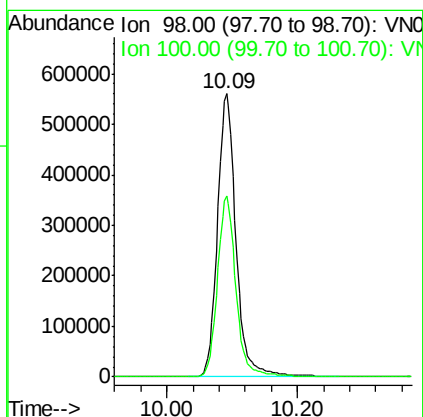
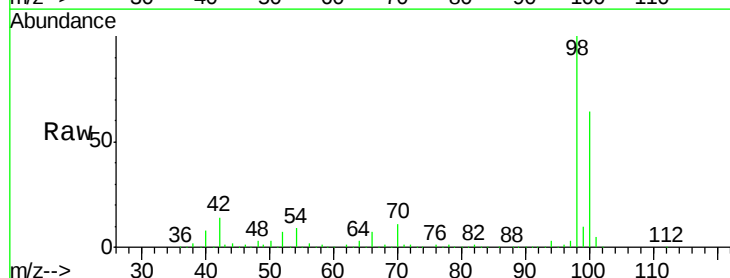
Acq: 22 Mar 2019 22:40

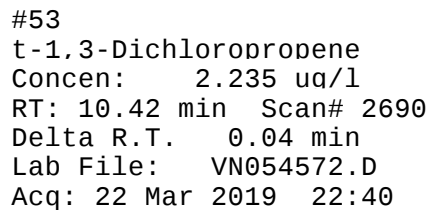
Tgt Ion: 98 Resp: 1110741

Ion Ratio Lower Upper

98 100

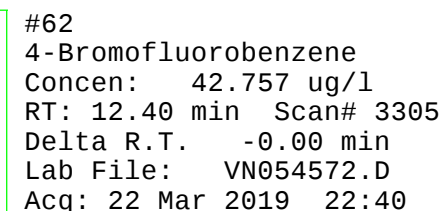
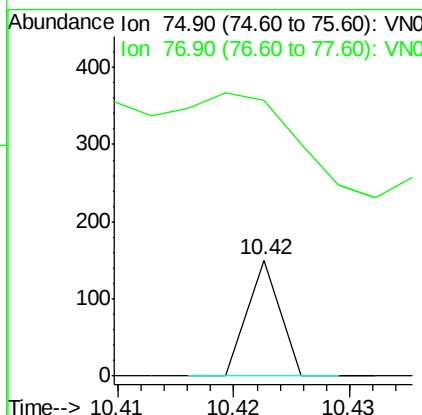
100 63.6 51.2 76.8



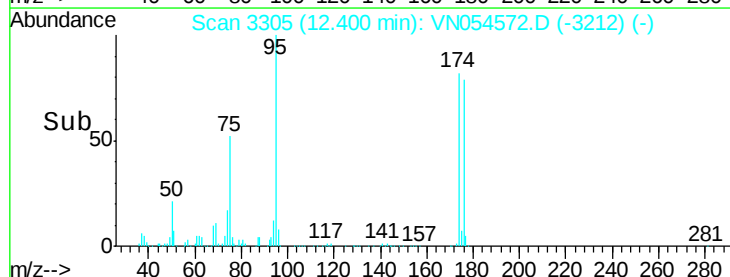
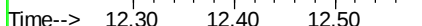
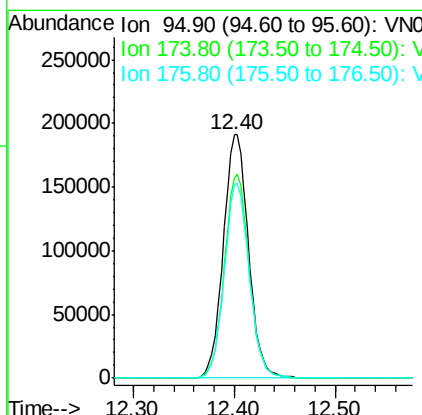


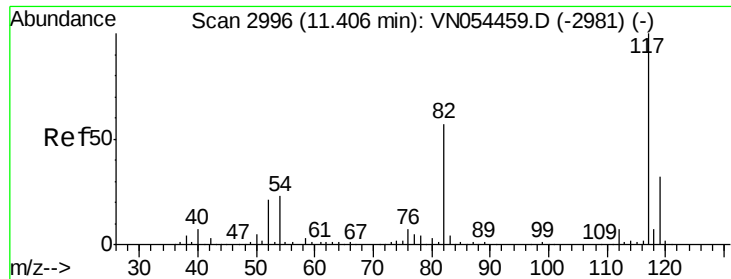
Instrument :
MSVOA_N
ClientSampleId :
VN0322MBL02

Tot	Ion: 75	Resp:	29
Ion	Ratio	Lower	Upper
75	100		
77	72.7	25.8	38.8#



Tgt	Ion: 95	Resp:	333330
Ion	Ratio	Lower	Upper
95	100		
174	82.5	0.0	191.0
176	79.6	0.0	187.4

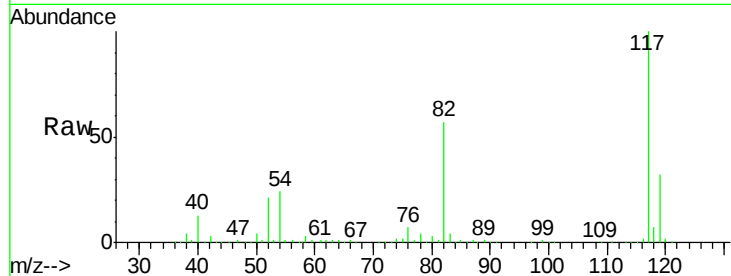




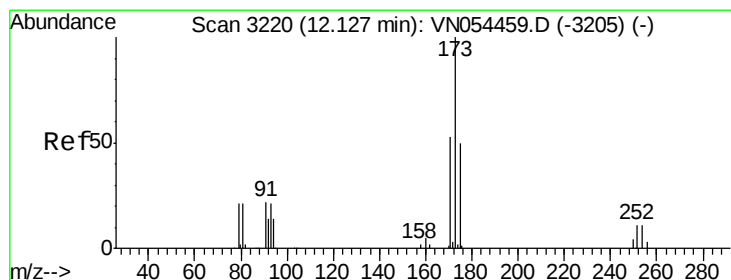
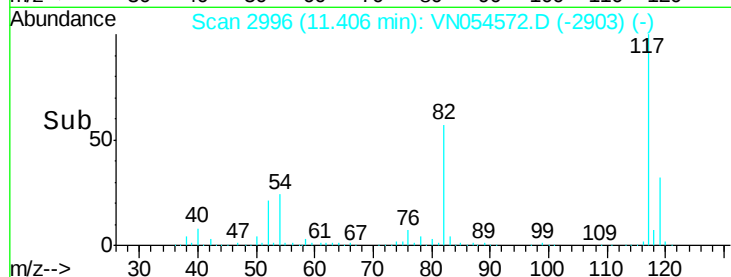
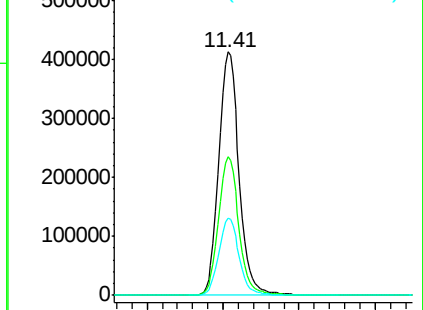
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054572.D
Acq: 22 Mar 2019 22:40

Instrument :
MSVOA_N
ClientSampled :
VN0322MBL02

Tot Ion:117 Resp: 765825
Ion Ratio Lower Upper
117 100
82 56.9 40.0 60.0
119 31.7 25.8 38.6

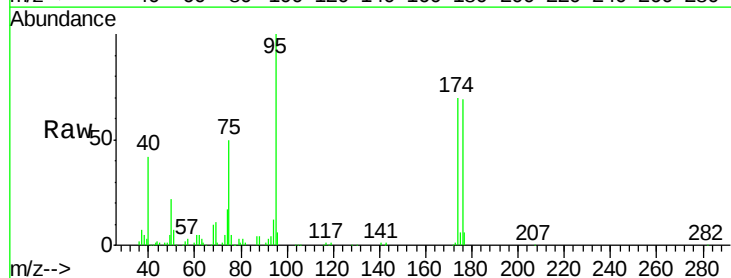


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

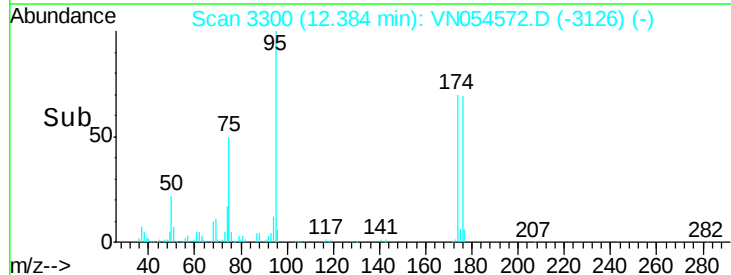
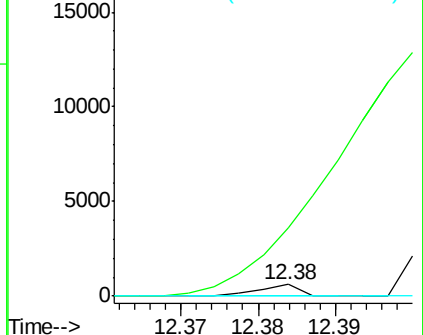


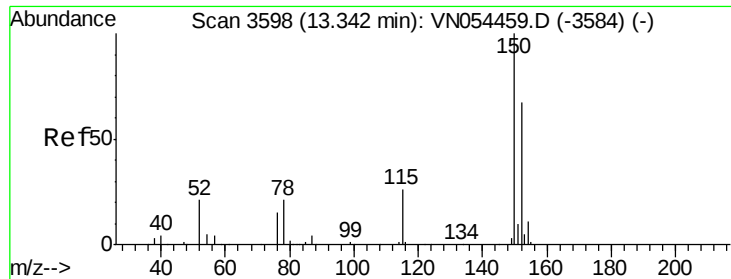
#71
Bromoform
Concen: 2.274 ug/l
RT: 12.38 min Scan# 3300
Delta R.T. 0.26 min
Lab File: VN054572.D
Acq: 22 Mar 2019 22:40

Tgt Ion:173 Resp: 218
Ion Ratio Lower Upper
173 100
175 0.0 24.4 73.2#
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: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054572.D

Acq: 22 Mar 2019 22:40

Instrument :

MSVOA_N

ClientSampleId :

VN0322MBL02

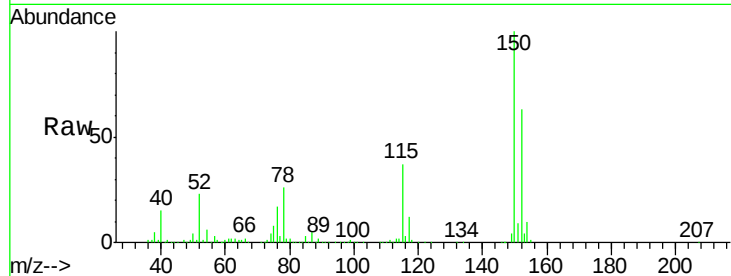
Tot Ion:152 Resp: 259115

Ion Ratio Lower Upper

152 100

115 58.3 27.2 81.6

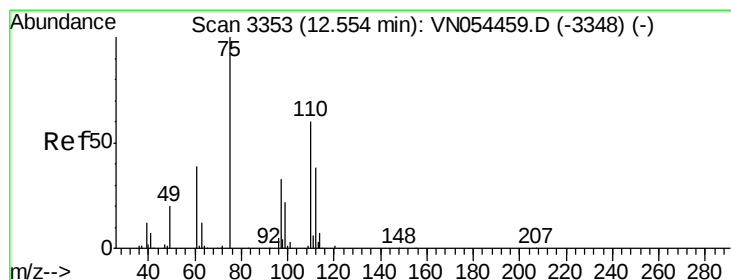
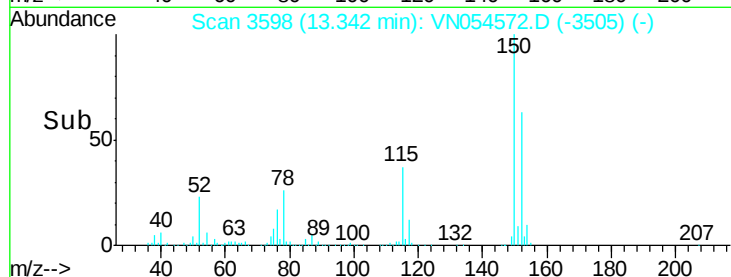
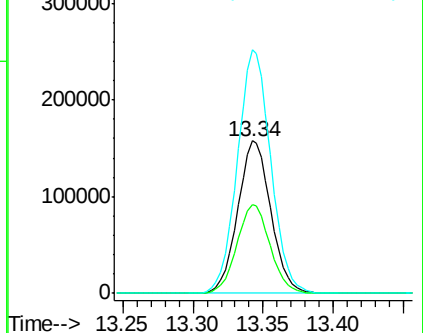
150 161.2 0.0 349.2



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: 41.106 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054572.D

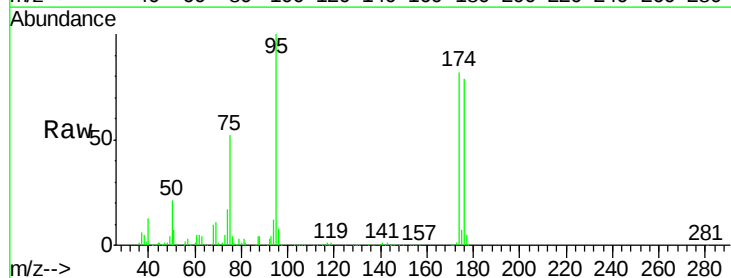
Acq: 22 Mar 2019 22:40

Tgt Ion: 75 Resp: 169019

Ion Ratio Lower Upper

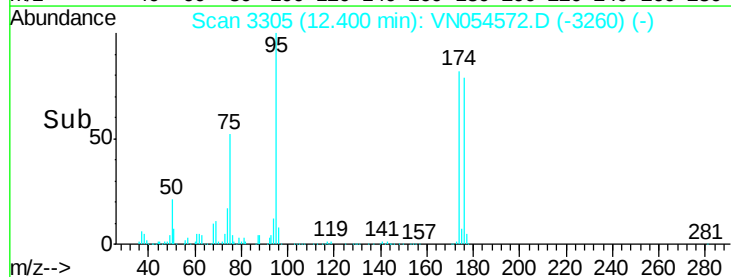
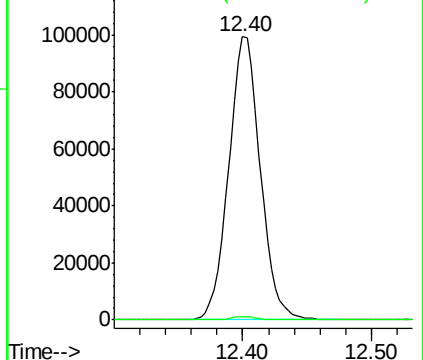
75 100

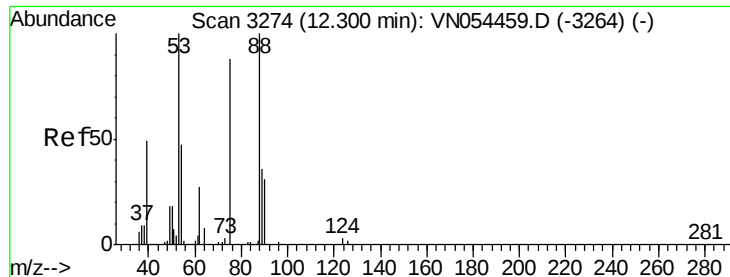
77 1.0 0.0 0.0#



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: 135.890 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054572.D

Acq: 22 Mar 2019 22:40

Instrument :

MSVOA_N

ClientSampled :

VN0322MBL02

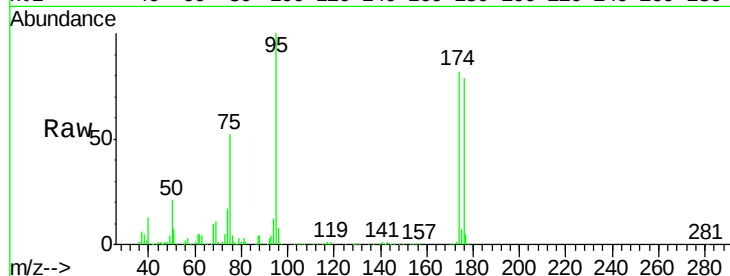
Tot Ion: 75 Resp: 169019

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

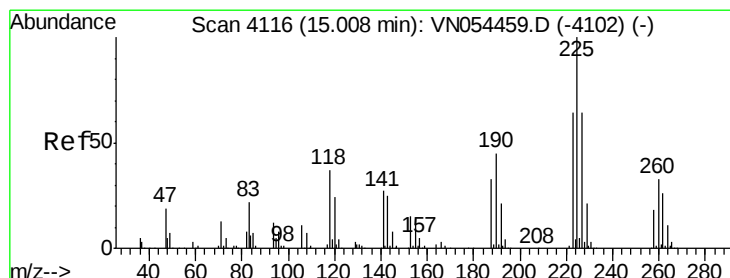
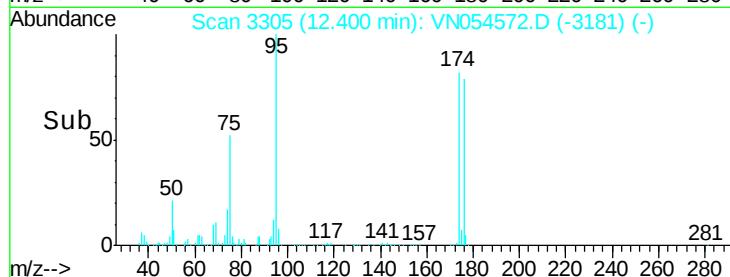
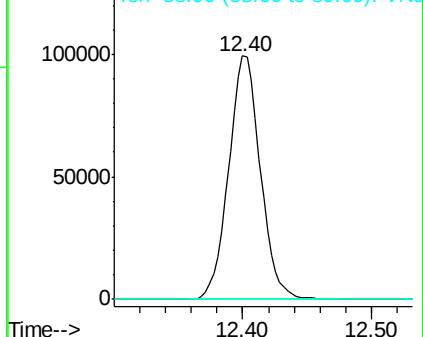
89 0.0 39.2 58.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4118

Delta R.T. 0.01 min

Lab File: VN054572.D

Acq: 22 Mar 2019 22:40

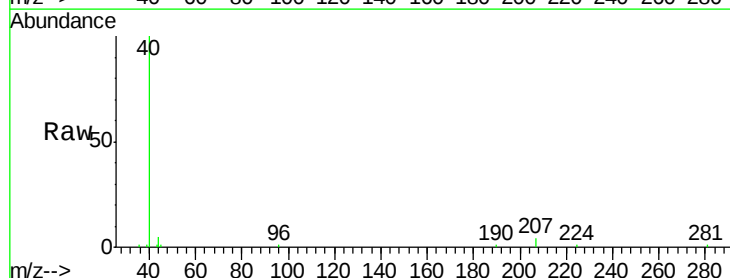
Tgt Ion: 225 Resp: 29

Ion Ratio Lower Upper

225 100

223 0.0 31.1 93.5#

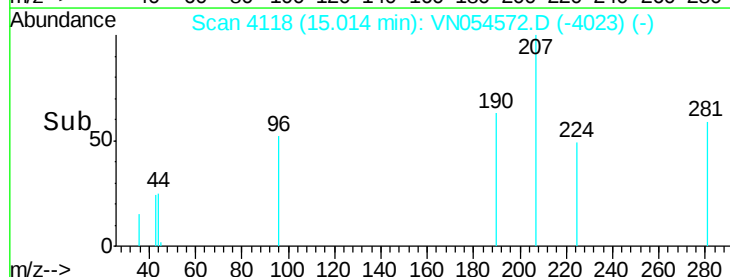
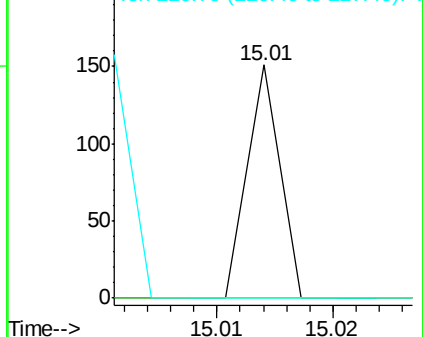
227 324.1 31.9 95.9#

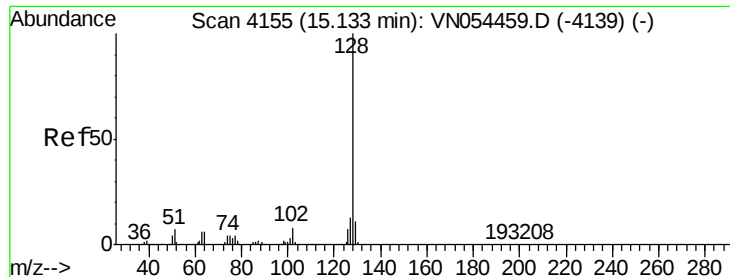


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 0.360 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN054572.D

Acq: 22 Mar 2019 22:40

Instrument :

MSVOA_N

ClientSampleId :

VN0322MBL02

Tot Ion:128 Resp: 3323

Ion Ratio Lower Upper

128 100

127 15.3 10.1 15.1#

129 4.5 8.7 13.1#

