

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112818\
 Data File : VN052508.D
 Acq On : 28 Nov 2018 10:03
 Operator : MD\SY
 Sample : VN1128MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1128MBL01

Quant Time: Nov 28 13:33:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1302117	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	2004865	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1697553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	594954	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	685080	48.32	ug/l	0.00
Spiked Amount						
			Recovery	=	96.64%	
35) Dibromofluoromethane	7.59	113	610191	49.37	ug/l	0.00
Spiked Amount						
			Recovery	=	98.74%	
50) Toluene-d8	10.09	98	2399200	49.87	ug/l	0.00
Spiked Amount						
			Recovery	=	99.74%	
62) 4-Bromofluorobenzene	12.40	95	721830	44.65	ug/l	0.00
Spiked Amount						
			Recovery	=	89.30%	

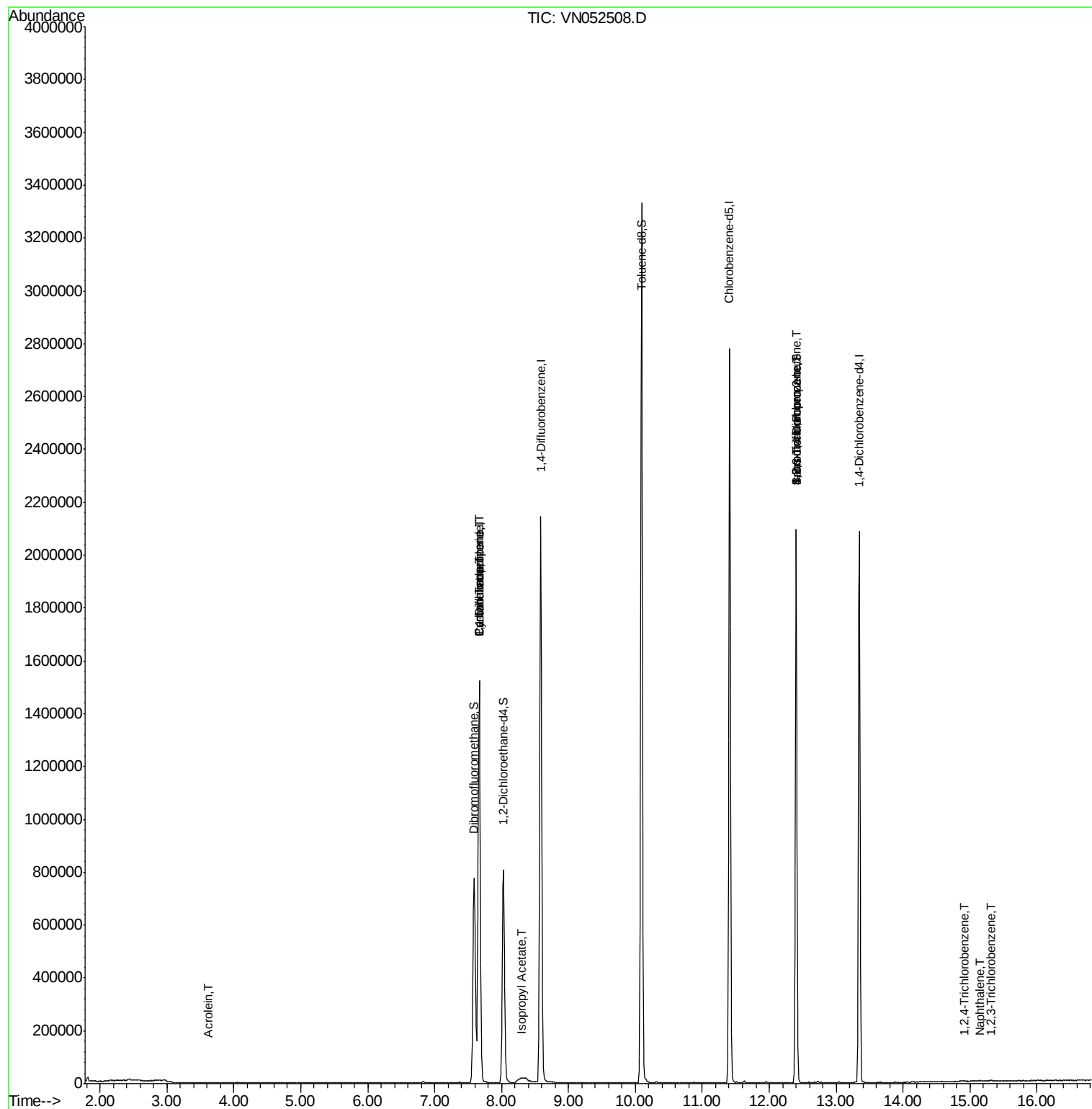
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.61	56	250	33.649	ug/l #	66
31) Cyclohexane	7.66	56	23263	0.592	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	91595	4.838	ug/l #	50
38) Carbon Tetrachloride	7.67	117	115615	6.746	ug/l #	16
43) Isopropyl Acetate	8.29	43	23093	1.181	ug/l #	51
71) Bromoform	12.40	173	4641	0.576	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	346476	37.765	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	346476	126.117	ug/l #	11
93) 1,2,4-Trichlorobenzene	14.91	180	1155	2.933	ug/l #	94
95) Naphthalene	15.14	128	3182	3.561	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.32	180	1293	2.853	ug/l	96

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN112818\
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Acq On : 28 Nov 2018 10:03
Operator : MD\SY
Sample : VN1128MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 4 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VN1128MBL01

Quant Time: Nov 28 13:33:30 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 28 01:11:38 2018
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: VN052508.D

Acq: 28 Nov 2018 10:03

Instrument :

MSVOA_N

ClientSampleId :

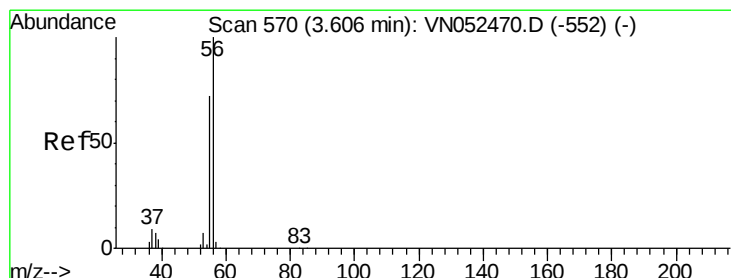
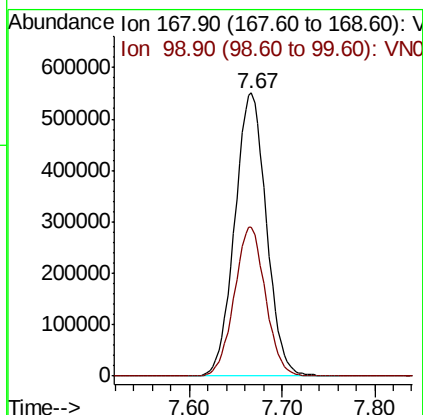
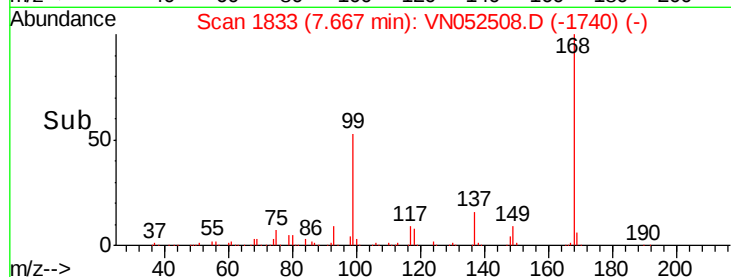
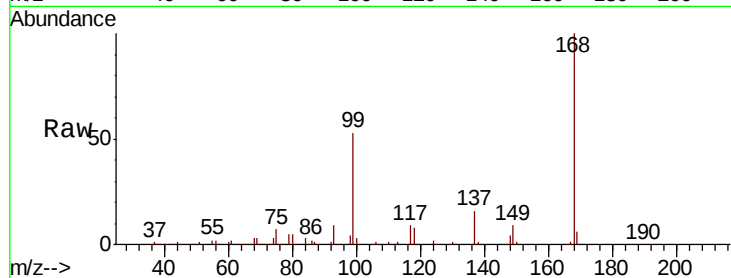
VN1128MBL01

Tgt Ion:168 Resp: 1302117

Ion Ratio Lower Upper

168 100

99 52.7 41.7 62.5



#13

Acrolein

Concen: 33.649 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.01 min

Lab File: VN052508.D

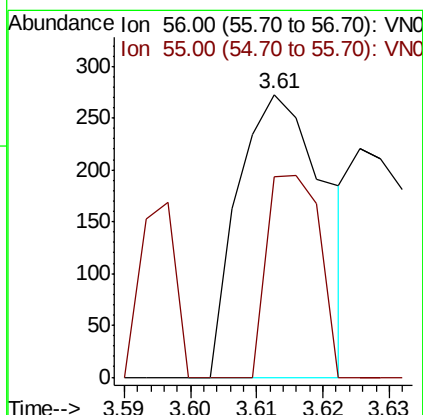
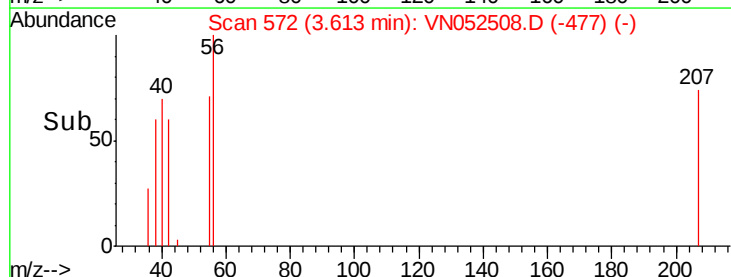
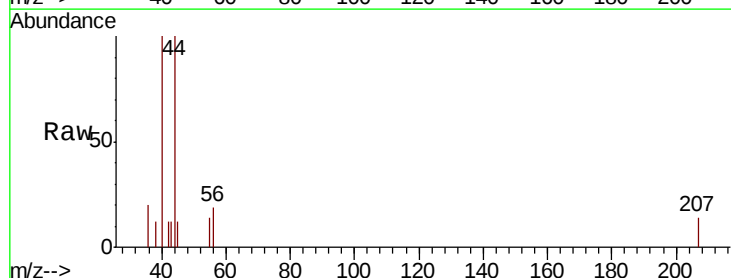
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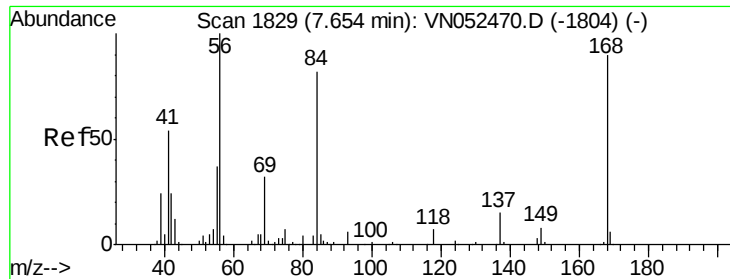
Tgt Ion: 56 Resp: 250

Ion Ratio Lower Upper

56 100

55 42.8 56.8 85.2#

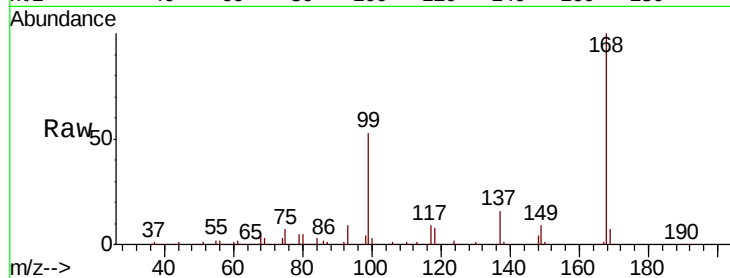




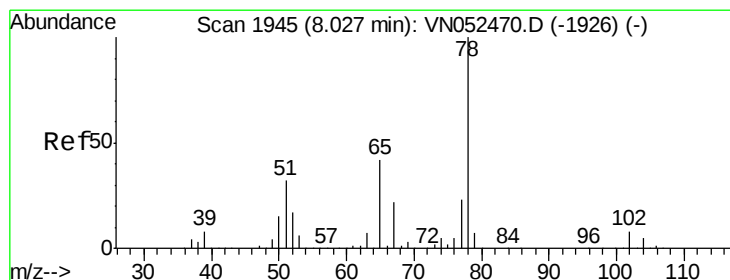
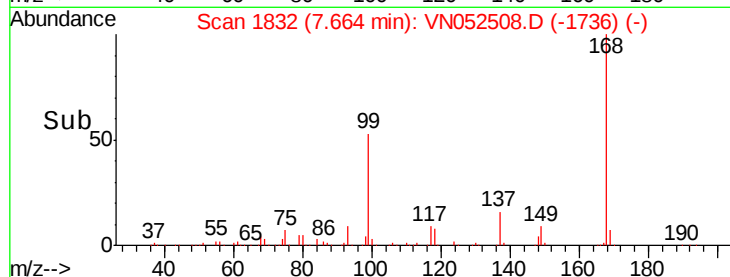
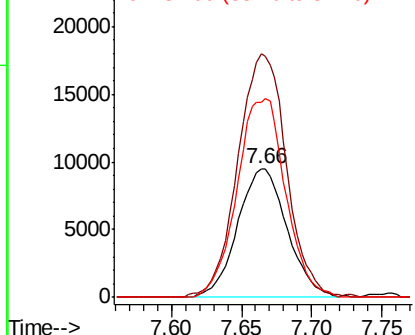
#31
Cyclohexane
Concen: 0.592 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN052508.D
Acq: 28 Nov 2018 10:03

Instrument :
MSVOA_N
ClientSampleId :
VN1128MBL01

Tgt Ion: 56 Resp: 23263
Ion Ratio Lower Upper
56 100
69 187.1 25.8 38.6#
84 151.5 65.3 97.9#

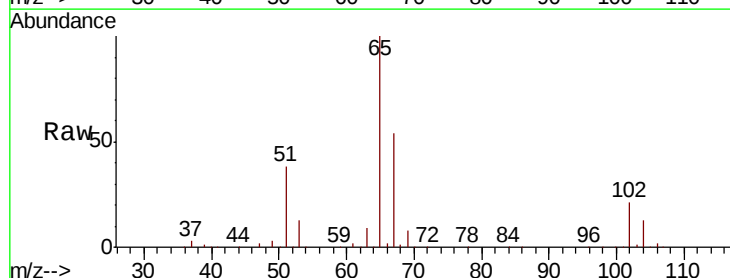


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

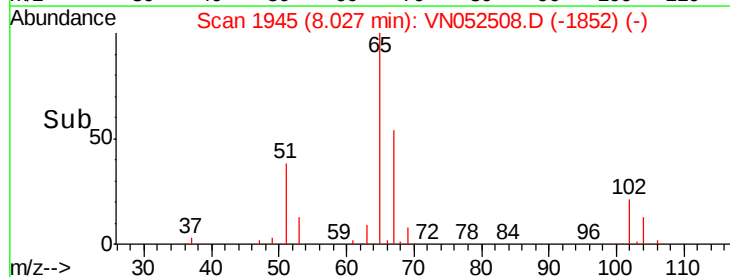
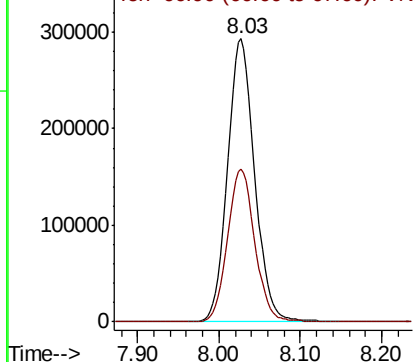


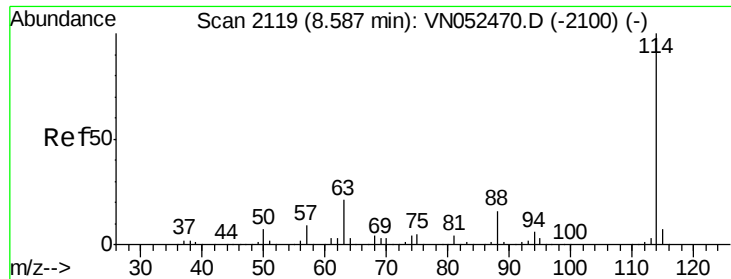
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052508.D
Acq: 28 Nov 2018 10:03

Tgt Ion: 65 Resp: 685080
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VNC
Ion 66.90 (66.60 to 67.60): VNC

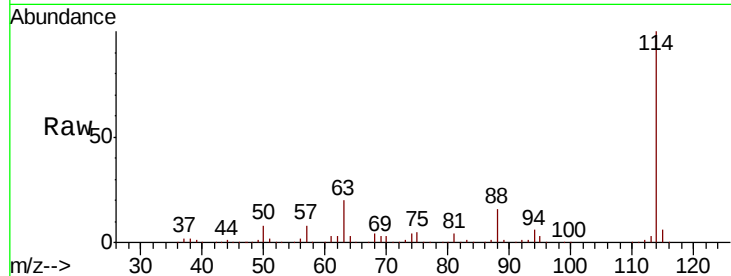




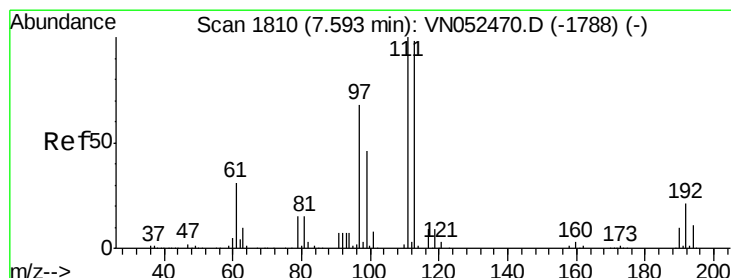
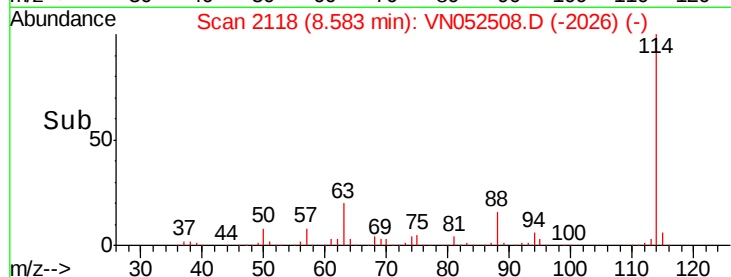
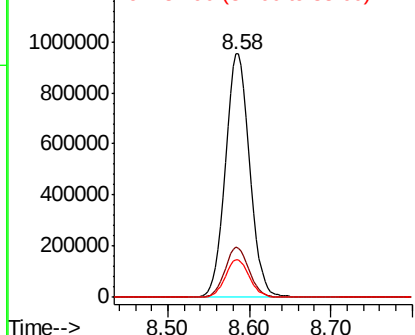
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN052508.D
Acq: 28 Nov 2018 10:03

Instrument :
MSVOA_N
ClientSampleId :
VN1128MBL01

Tgt Ion:114 Resp: 2004865
Ion Ratio Lower Upper
114 100
63 20.4 0.0 41.8
88 15.6 0.0 31.6

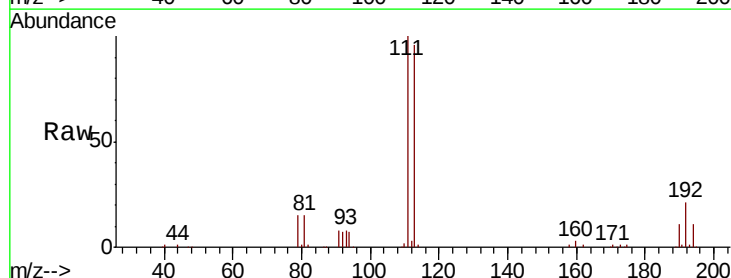


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

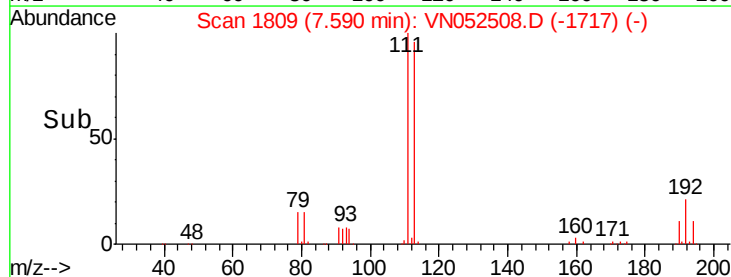
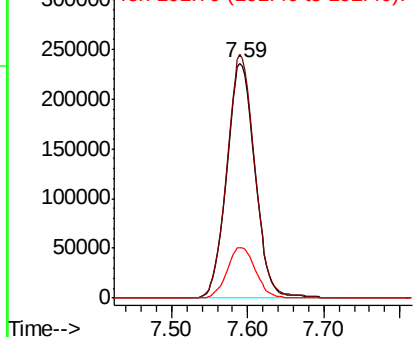


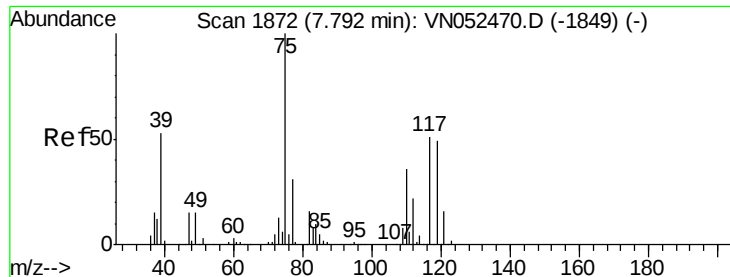
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN052508.D
Acq: 28 Nov 2018 10:03

Tgt Ion:113 Resp: 610191
Ion Ratio Lower Upper
113 100
111 102.1 82.0 123.0
192 21.6 17.0 25.6



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

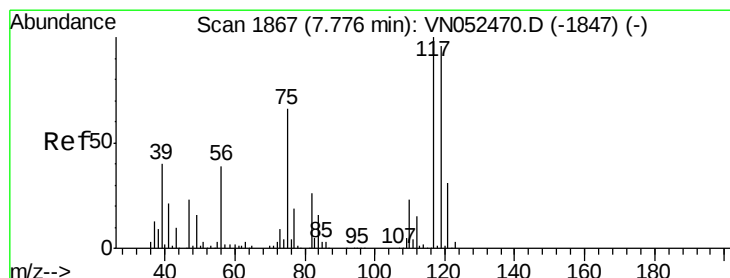
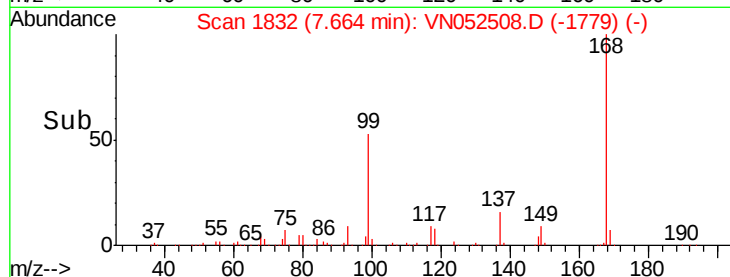
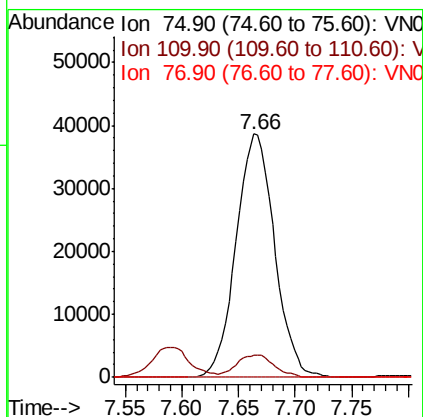
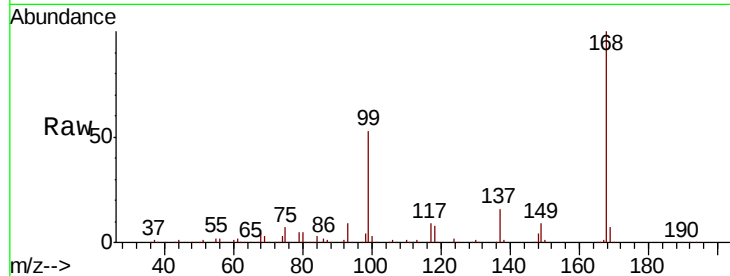




#36
 1,1-Dichloropropene
 Concen: 4.838 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN052508.D
 Acq: 28 Nov 2018 10:03

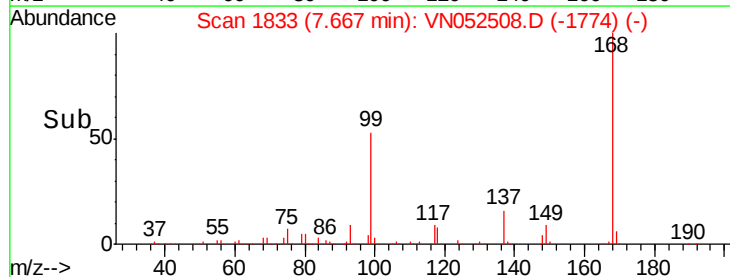
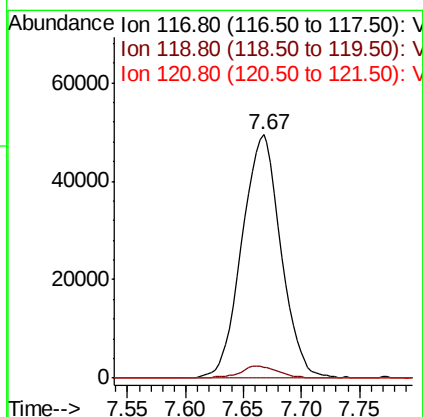
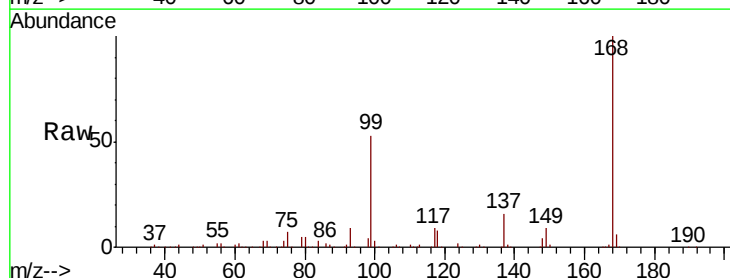
Instrument :
 MSVOA_N
 ClientSampled :
 VN1128MBL01

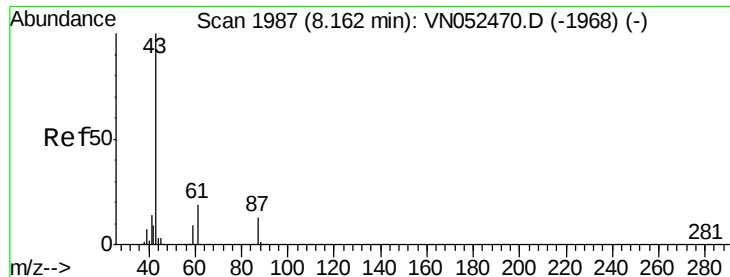
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.9	17.5	52.6#
77	0.0	24.5	36.7#



#38
 Carbon Tetrachloride
 Concen: 6.746 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN052508.D
 Acq: 28 Nov 2018 10:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.6	76.8	115.2#
121	0.0	24.9	37.3#

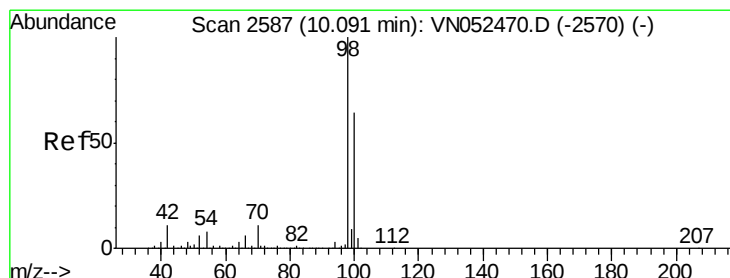
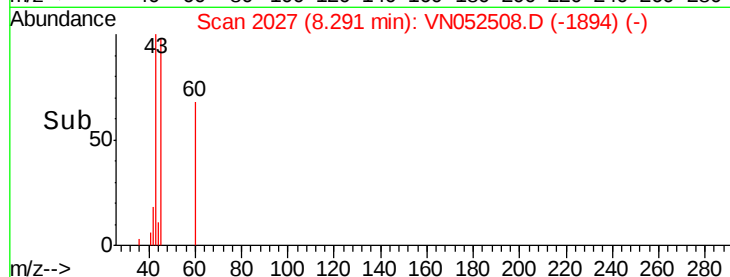
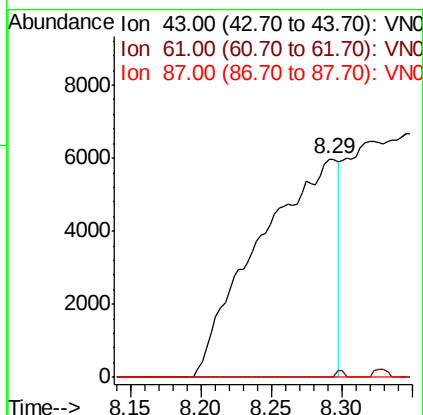
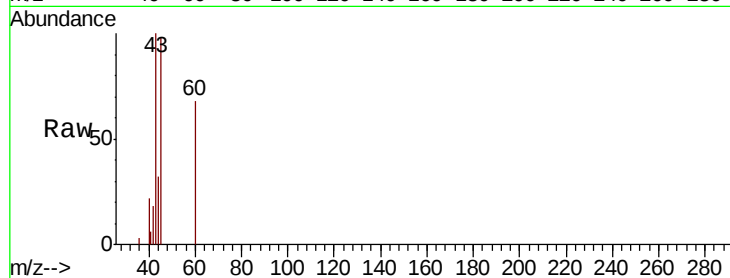




#43
Isopropyl Acetate
Concen: 1.181 ug/l
RT: 8.29 min Scan# 2027
Delta R.T. 0.13 min
Lab File: VN052508.D
Acq: 28 Nov 2018 10:03

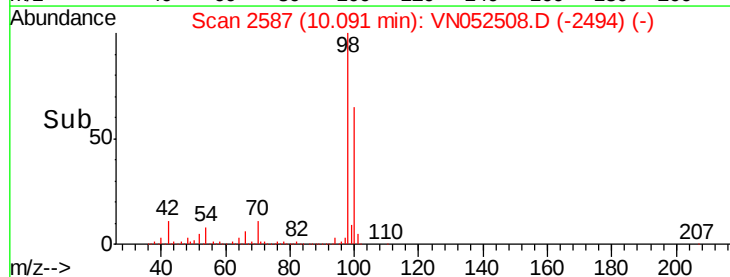
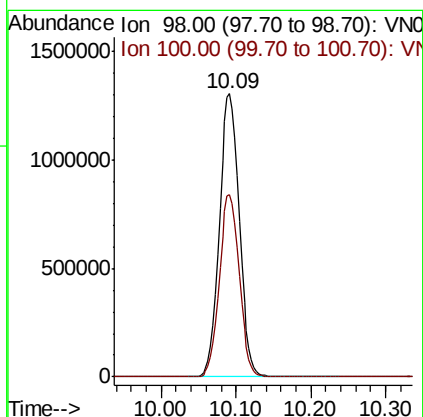
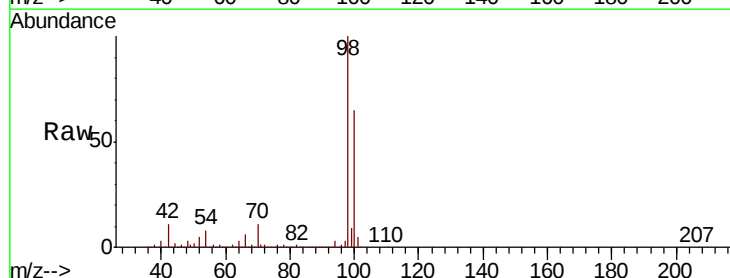
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MSVOA_N
ClientSampleId :
VN1128MBL01

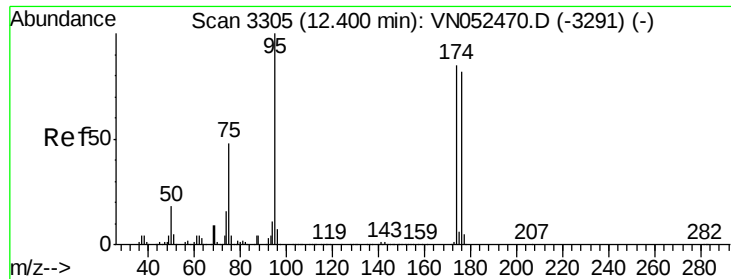
Tgt Ion: 43 Resp: 23093
Ion Ratio Lower Upper
43 100
61 0.0 24.1 36.1#
87 0.0 10.6 15.8#



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052508.D
Acq: 28 Nov 2018 10:03

Tgt Ion: 98 Resp: 2399200
Ion Ratio Lower Upper
98 100
100 64.4 51.3 76.9

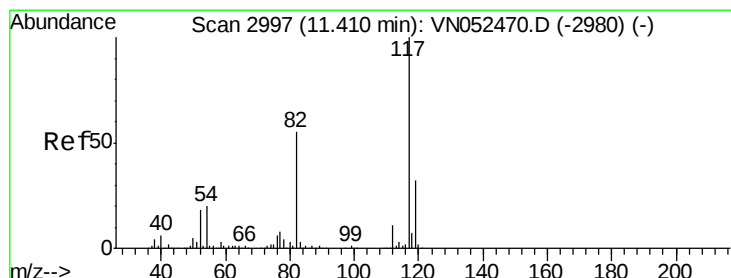
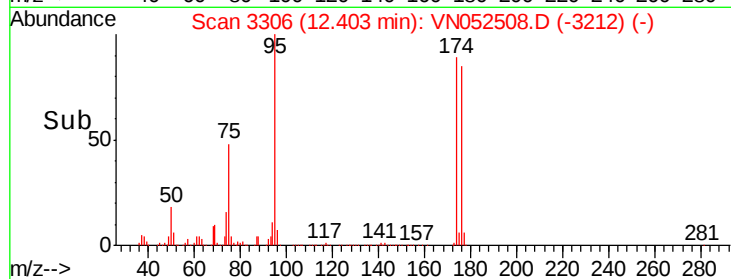
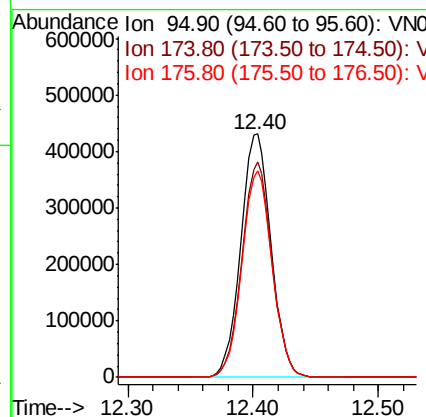
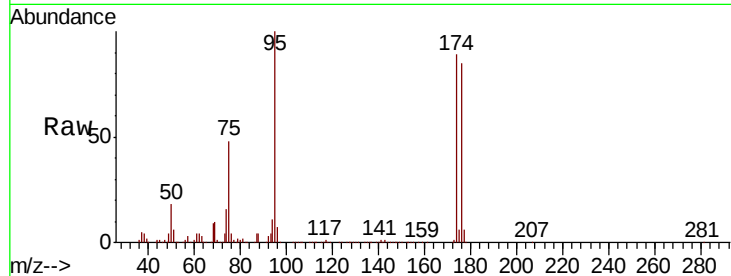




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052508.D
Acq: 28 Nov 2018 10:03

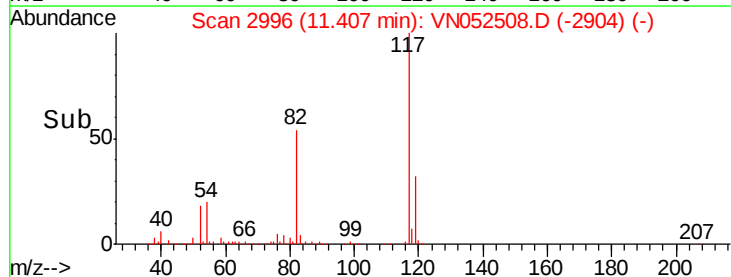
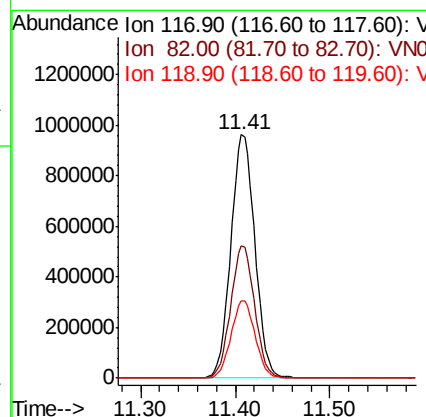
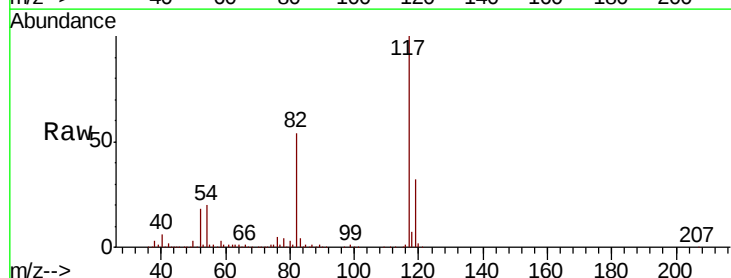
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MSVOA_N
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VN1128MBL01

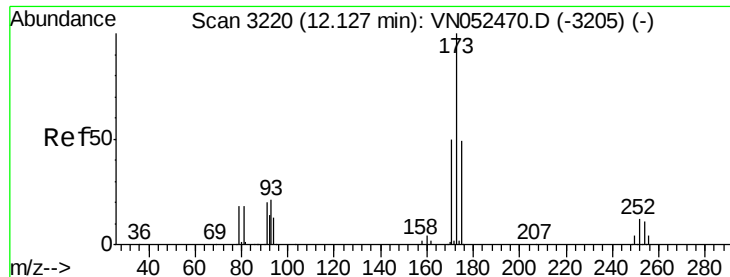
Tgt Ion: 95 Resp: 721830
Ion Ratio Lower Upper
95 100
174 87.7 0.0 173.0
176 84.5 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052508.D
Acq: 28 Nov 2018 10:03

Tgt Ion: 117 Resp: 1697553
Ion Ratio Lower Upper
117 100
82 54.4 43.6 65.4
119 31.9 25.4 38.2





#71

Bromoform

Concen: 0.576 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN052508.D

Acq: 28 Nov 2018 10:03

Instrument :

MSVOA_N

ClientSampleId :

VN1128MBL01

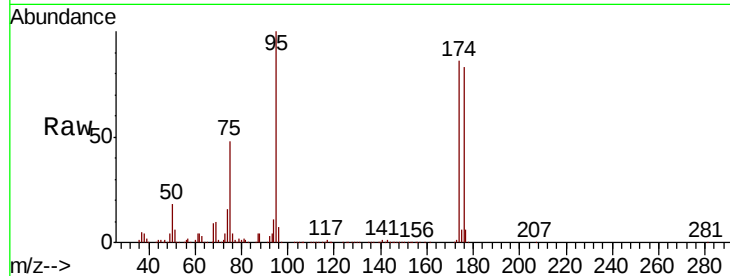
Tgt Ion:173 Resp: 4641

Ion Ratio Lower Upper

173 100

175 846.7 24.4 73.2#

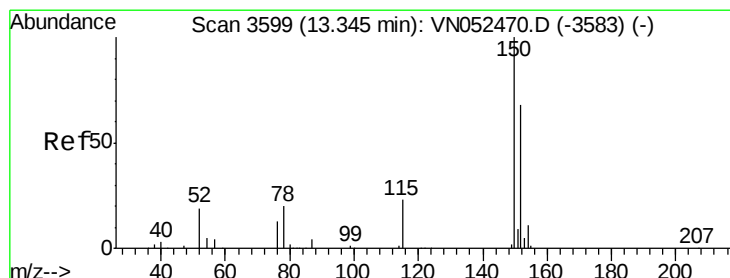
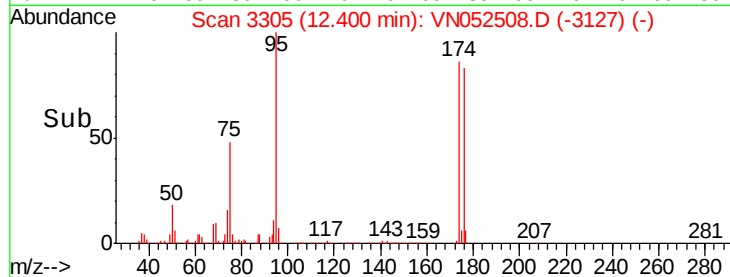
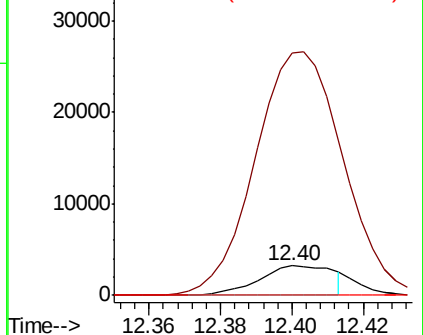
254 0.0 0.1 0.1#



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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052508.D

Acq: 28 Nov 2018 10:03

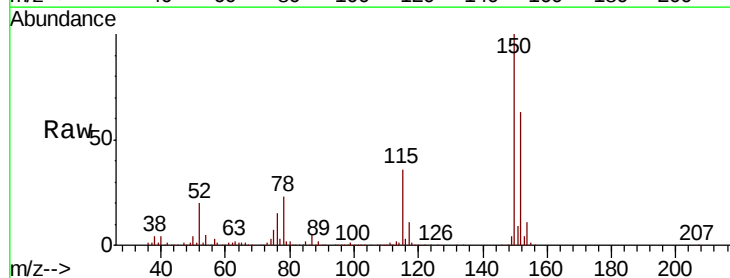
Tgt Ion:152 Resp: 594954

Ion Ratio Lower Upper

152 100

115 56.9 28.4 85.2

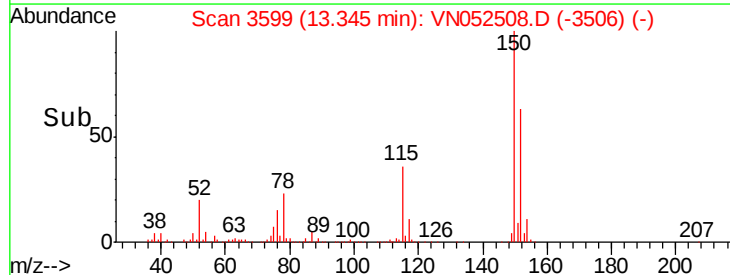
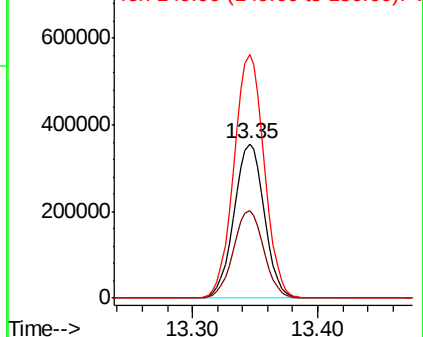
150 158.0 0.0 346.0

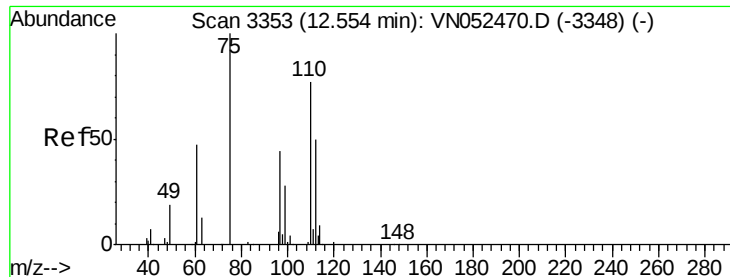


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 37.765 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN052508.D

Acq: 28 Nov 2018 10:03

Instrument :

MSVOA_N

ClientSampleId :

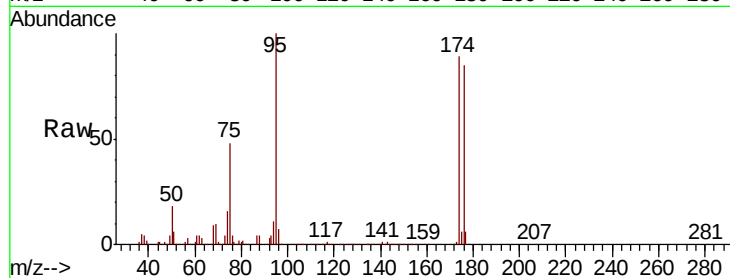
VN1128MBL01

Tgt Ion: 75 Resp: 346476

Ion Ratio Lower Upper

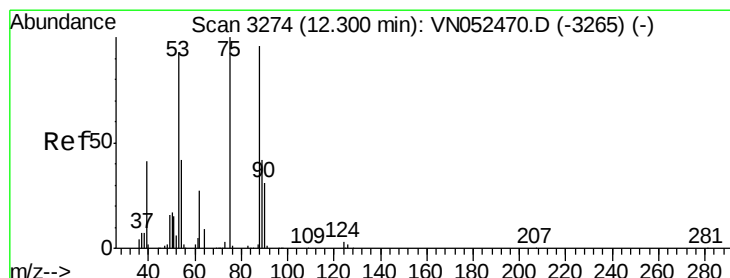
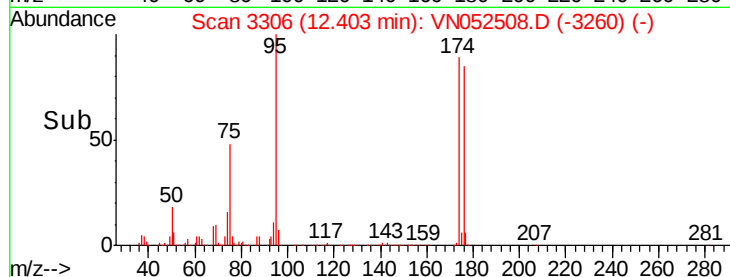
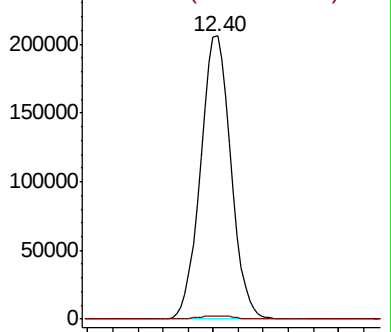
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO



#81

trans-1,4-Dichloro-2-butene

Concen: 126.117 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN052508.D

Acq: 28 Nov 2018 10:03

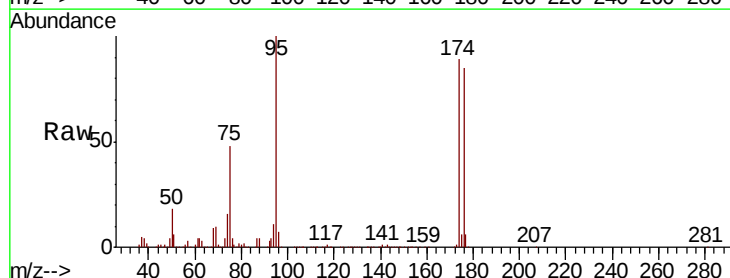
Tgt Ion: 75 Resp: 346476

Ion Ratio Lower Upper

75 100

53 0.0 77.4 116.0#

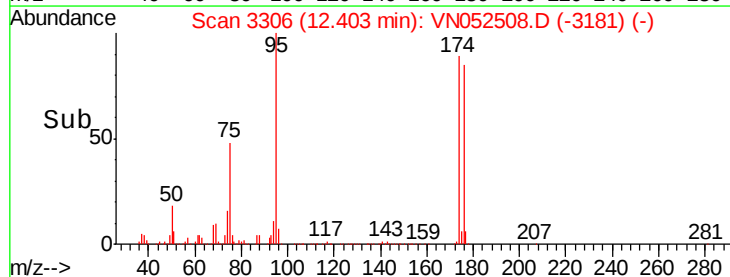
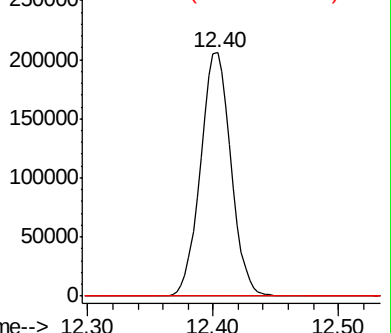
89 0.0 35.4 53.2#

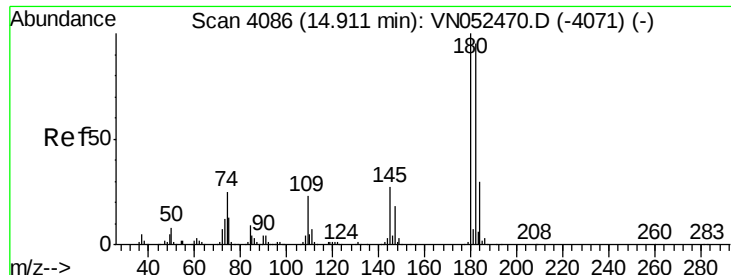


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

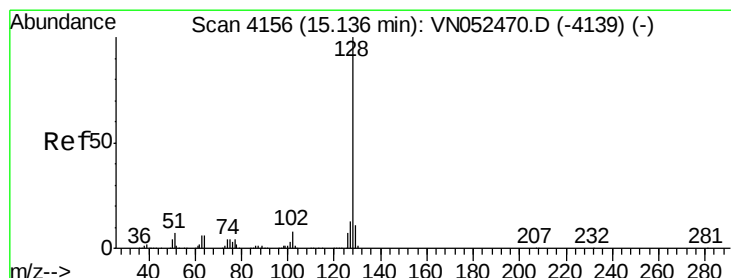
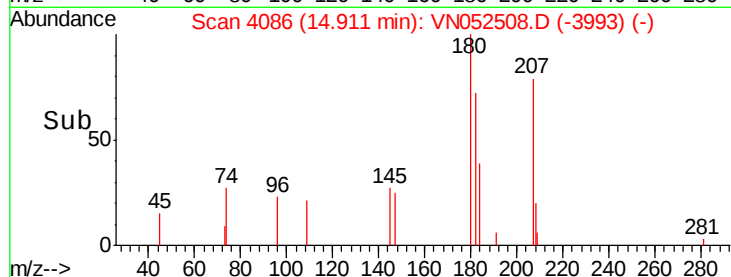
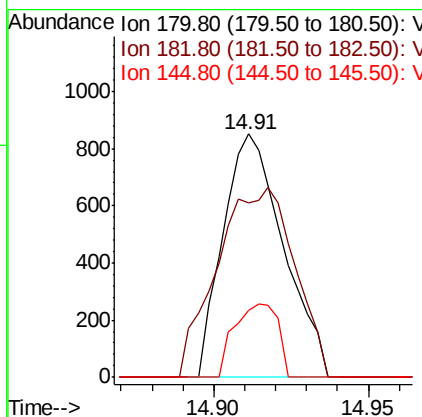
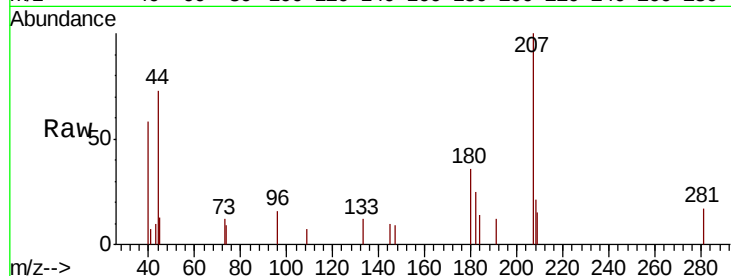




#93
 1,2,4-Trichlorobenzene
 Concen: 2.933 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN052508.D
 Acq: 28 Nov 2018 10:03

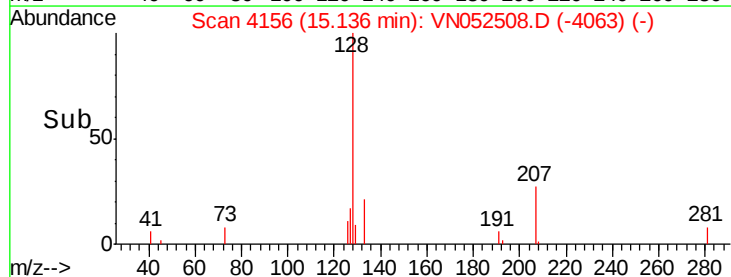
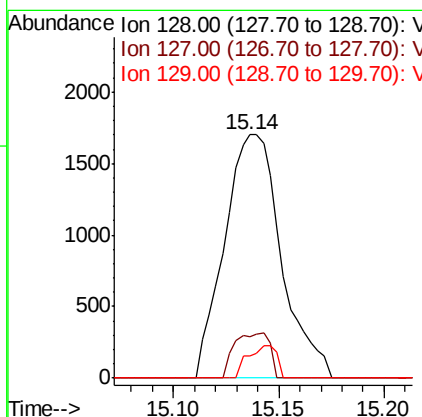
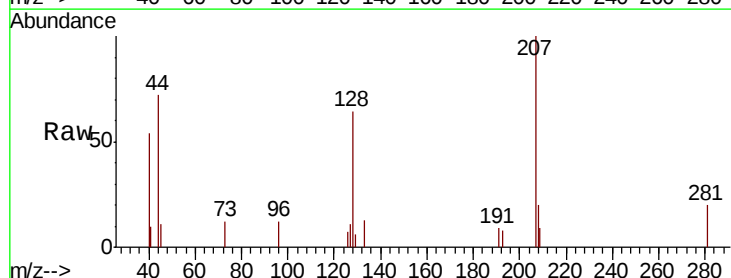
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1128MBL01

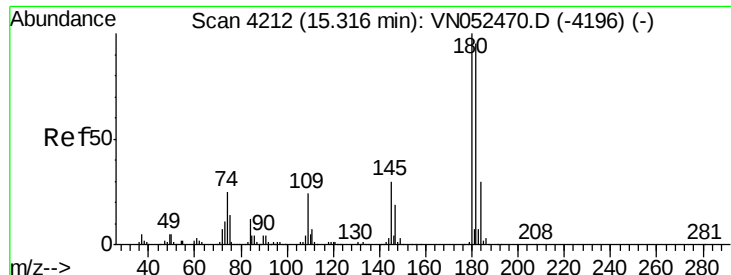
Tgt Ion:180 Resp: 1155
 Ion Ratio Lower Upper
 180 100
 182 100.1 47.8 143.4
 145 21.7 14.1 42.3



#95
 Naphthalene
 Concen: 3.561 ug/l
 RT: 15.14 min Scan# 4156
 Delta R.T. 0.00 min
 Lab File: VN052508.D
 Acq: 28 Nov 2018 10:03

Tgt Ion:128 Resp: 3182
 Ion Ratio Lower Upper
 128 100
 127 11.5 10.2 15.2
 129 6.8 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.853 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN052508.D
 Acq: 28 Nov 2018 10:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1128MBL01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.2	47.8	143.3
145	29.7	15.2	45.5

