

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN011019\
 Data File : VN053334.D
 Acq On : 10 Jan 2019 10:38
 Operator : MD\SY
 Sample : VN0110WBL02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0110WBL02

Quant Time: Jan 11 05:46:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1028327	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1585203	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1427169	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	555292	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	508798	47.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.12%	
35) Dibromofluoromethane	7.59	113	456306	50.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.14%	
50) Toluene-d8	10.09	98	1939520	49.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.64%	
62) 4-Bromofluorobenzene	12.40	95	631642	46.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.70%	

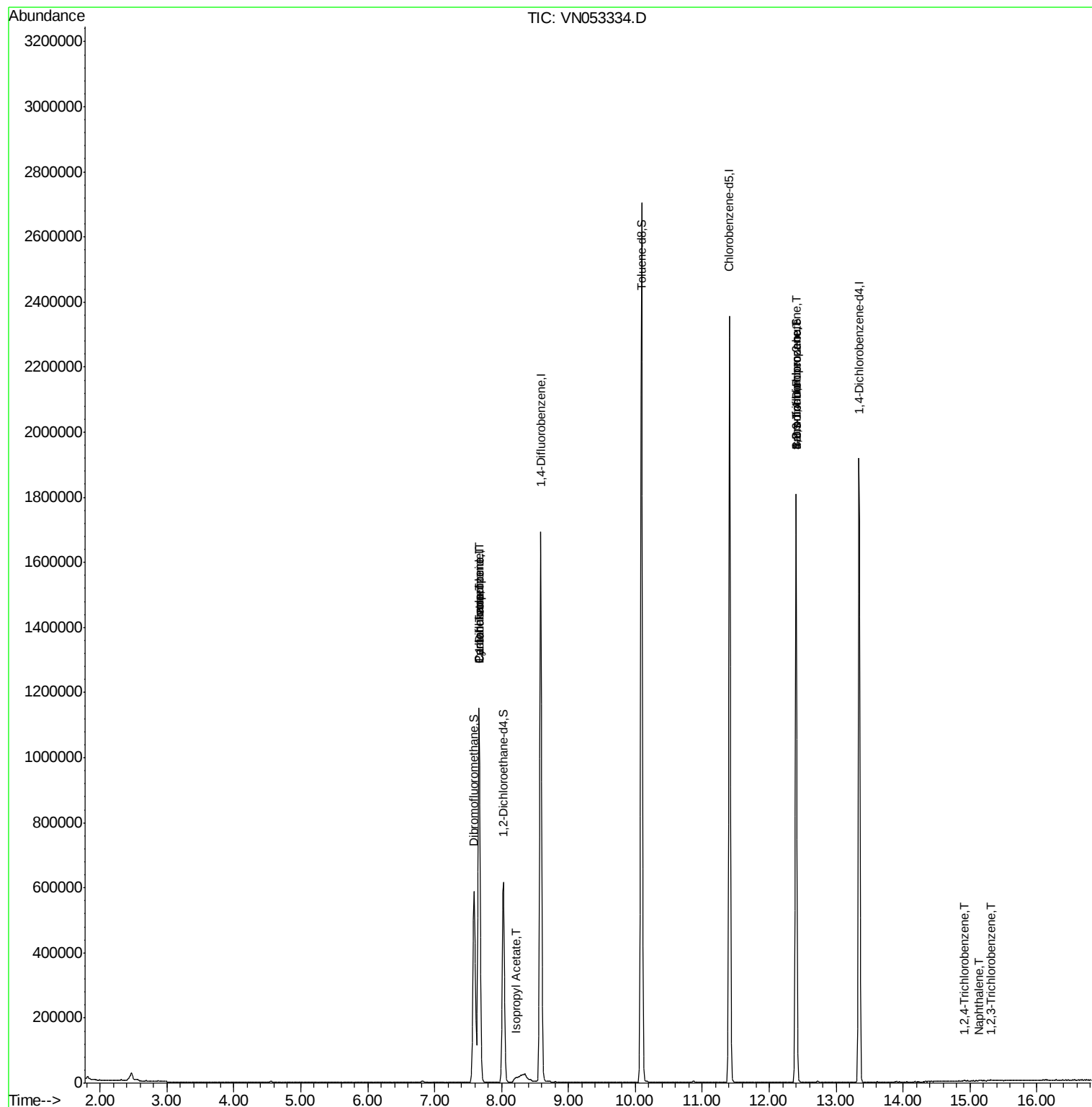
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.81	43	523	Below Cal	#	40
31) Cyclohexane	7.66	56	15870	0.677	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	66168	4.471	ug/l #	48
38) Carbon Tetrachloride	7.66	117	85191	6.237	ug/l #	16
43) Isopropyl Acetate	8.21	43	10675	0.563	ug/l #	52
71) Bromoform	12.40	173	4064	0.530	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	294740	36.391	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	294740	107.069	ug/l #	14
93) 1,2,4-Trichlorobenzene	14.91	180	1377	0.241	ug/l #	75
95) Naphthalene	15.13	128	2398	0.246	ug/l #	80
96) 1,2,3-Trichlorobenzene	15.32	180	1222	0.326	ug/l #	91

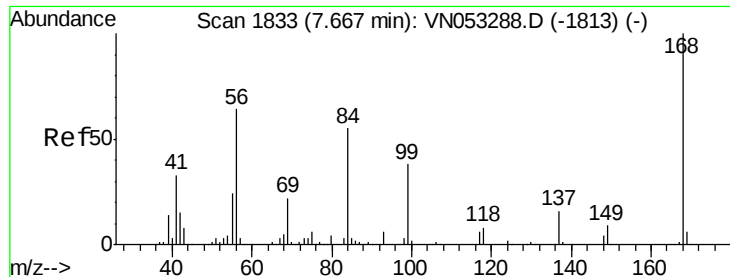
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN011019\
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Quant Title : SW846 8260
QLast Update : Mon Jan 07 09:34:27 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: VN053334.D

Acq: 10 Jan 2019 10:38

Instrument :

MSVOA_N

ClientSampleId :

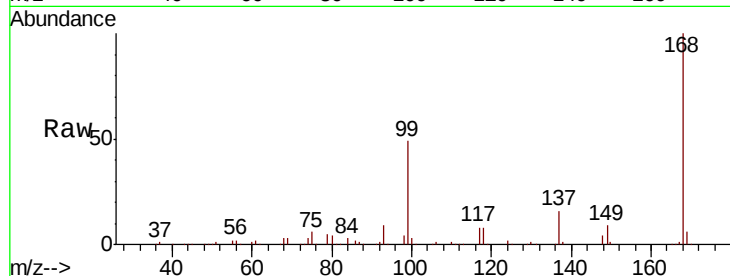
VN0110WBL02

Tgt Ion:168 Resp: 1028327

Ion Ratio Lower Upper

168 100

99 49.2 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053288.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN053288.D (-1813) (-)

7.66

400000

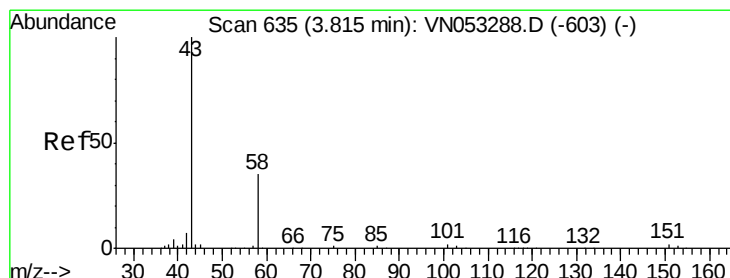
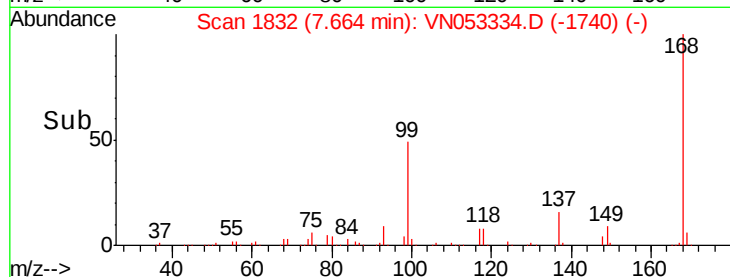
300000

200000

100000

0

Time-->



#16

Acetone

Concen: Below Cal

RT: 3.81 min Scan# 632

Delta R.T. -0.01 min

Lab File: VN053334.D

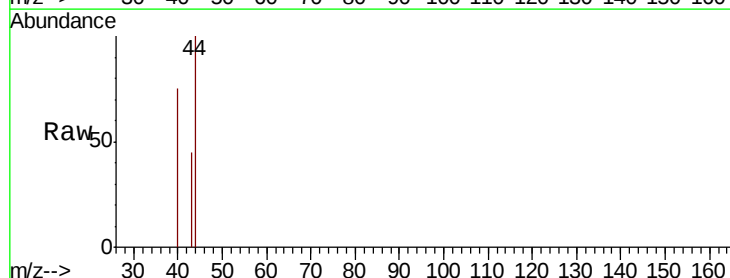
Acq: 10 Jan 2019 10:38

Tgt Ion: 43 Resp: 523

Ion Ratio Lower Upper

43 100

58 0.0 27.8 41.6#



Abundance Ion 43.00 (42.70 to 43.70): VN053288.D (-603) (-)

Ion 58.00 (57.70 to 58.70): VN053288.D (-603) (-)

3.81

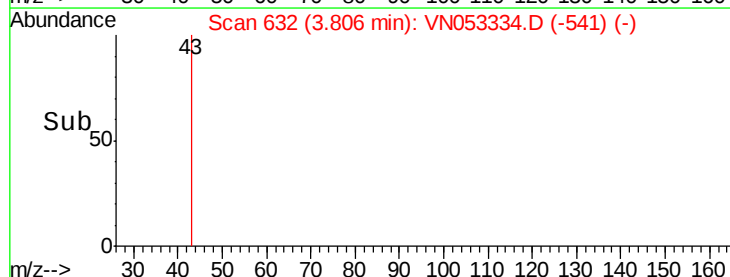
600

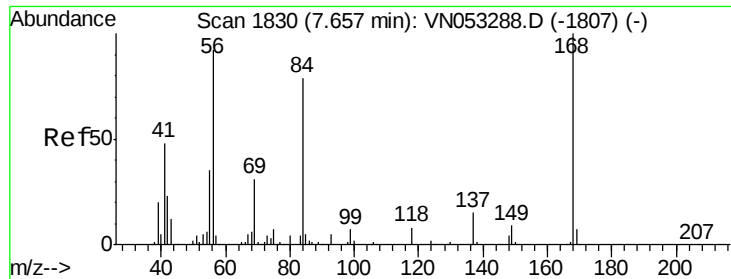
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200

0

Time-->

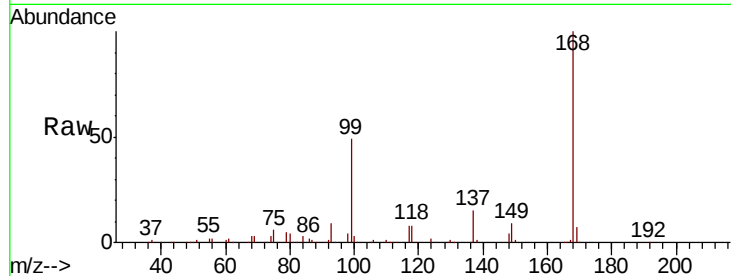




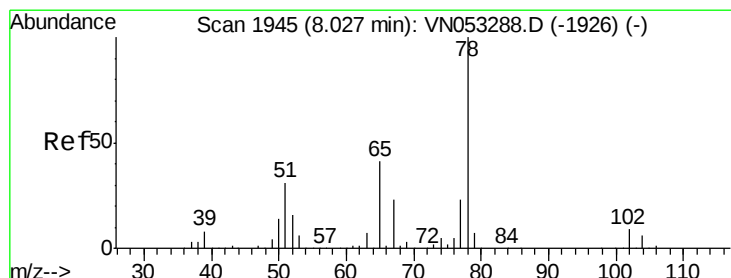
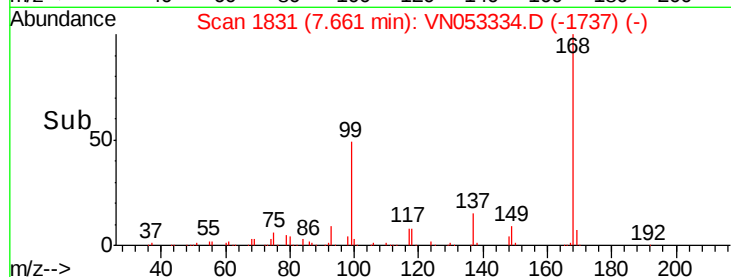
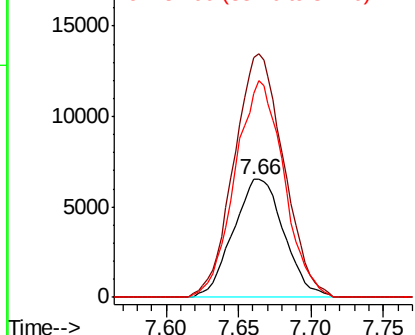
#31
Cyclohexane
Concen: 0.677 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN053334.D
Acq: 10 Jan 2019 10:38

Instrument :
MSVOA_N
ClientSampled :
VN0110WBL02

Tgt Ion: 56 Resp: 15870
Ion Ratio Lower Upper
56 100
69 203.3 26.7 40.1#
84 173.2 68.2 102.4#

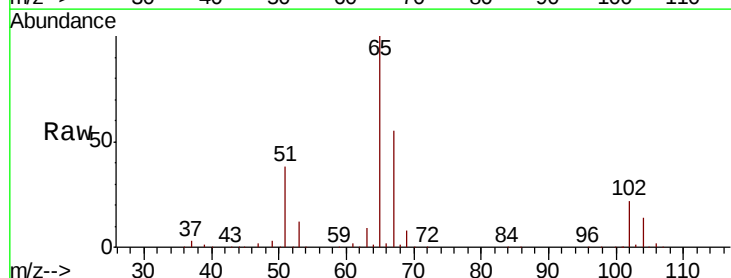


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

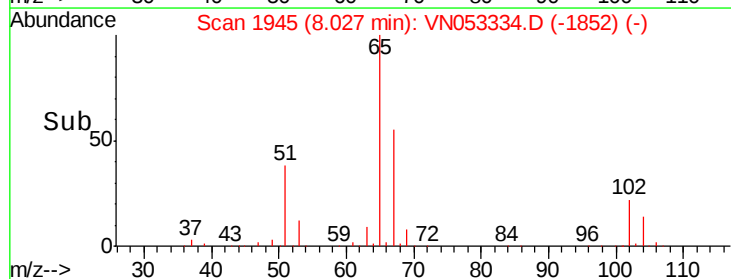
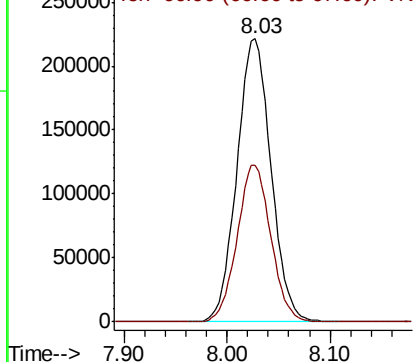


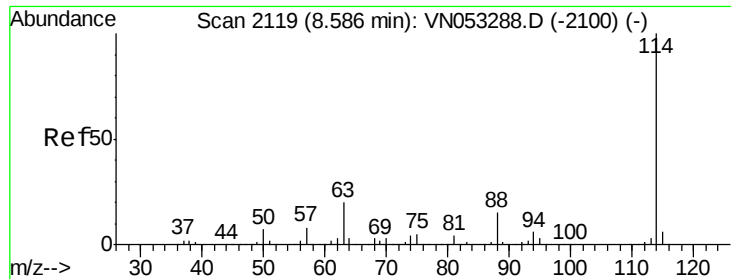
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053334.D
Acq: 10 Jan 2019 10:38

Tgt Ion: 65 Resp: 508798
Ion Ratio Lower Upper
65 100
67 54.9 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

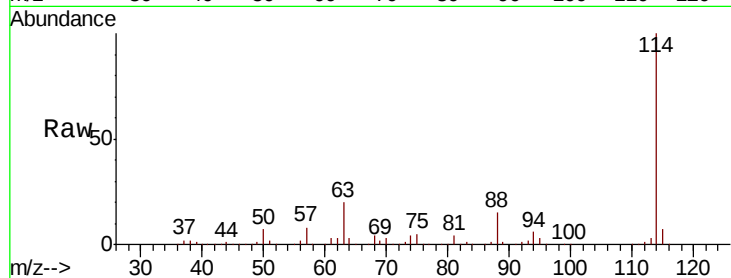




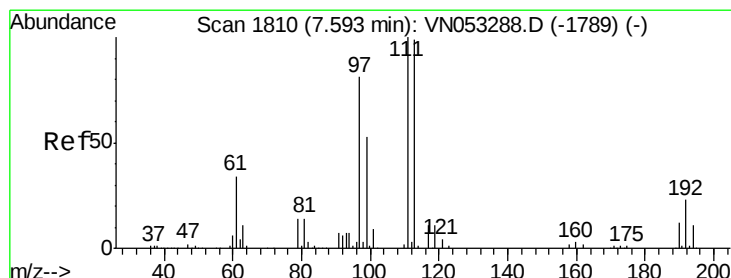
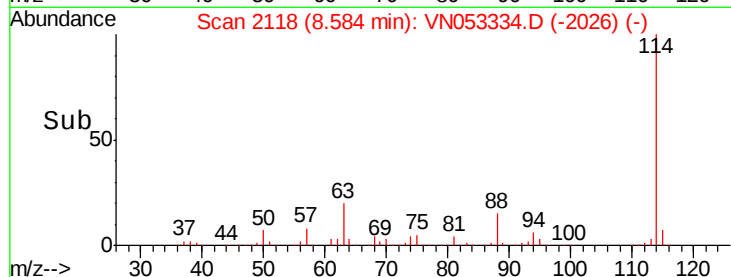
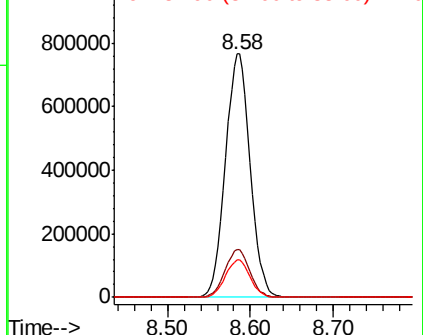
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN053334.D
 Acq: 10 Jan 2019 10:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0110WBL02

Tgt Ion:114 Resp: 1585203
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.0
 88 15.2 0.0 30.8

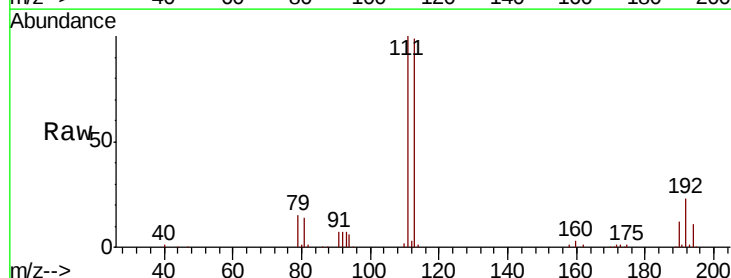


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

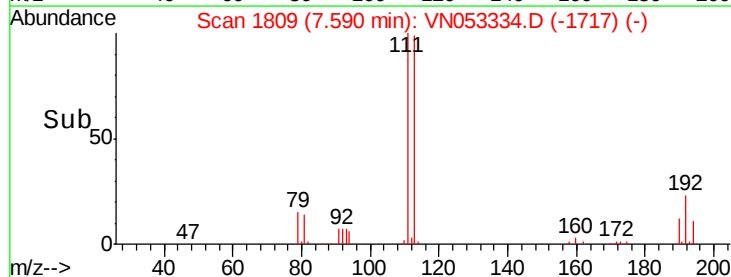
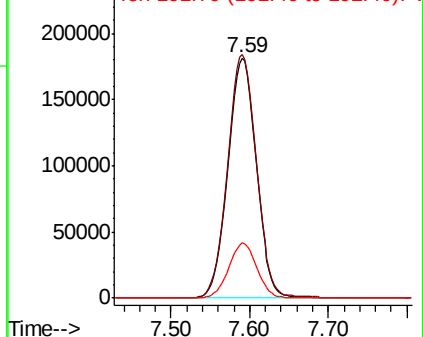


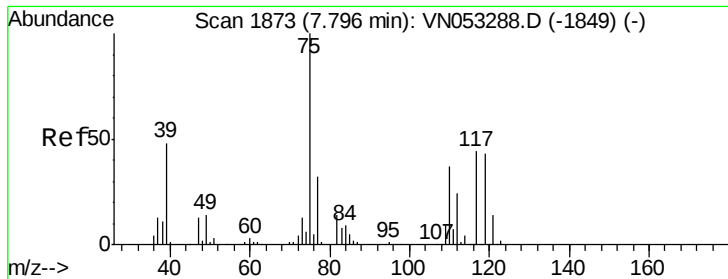
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053334.D
 Acq: 10 Jan 2019 10:38

Tgt Ion:113 Resp: 456306
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.4 122.2
 192 22.6 17.9 26.9



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

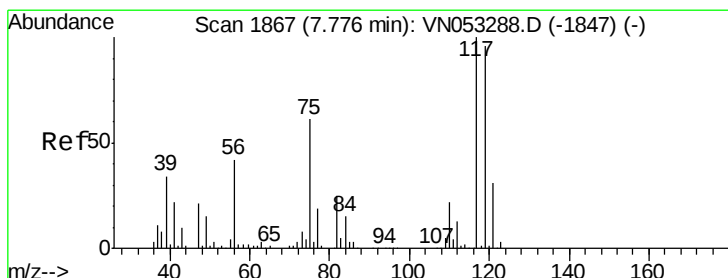
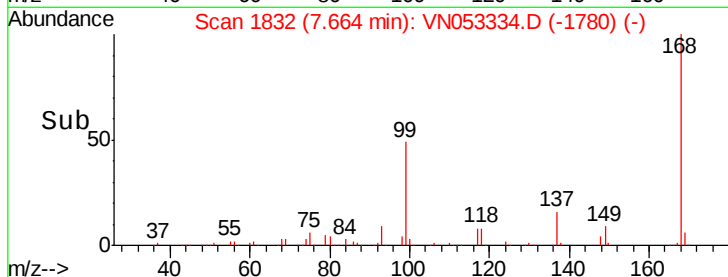
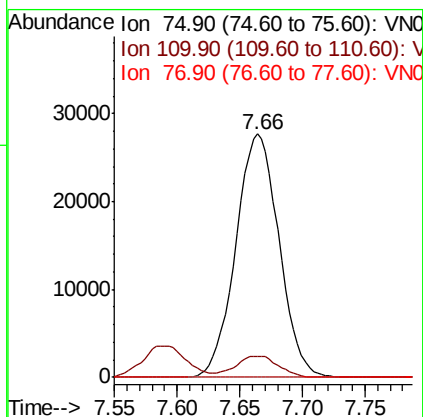
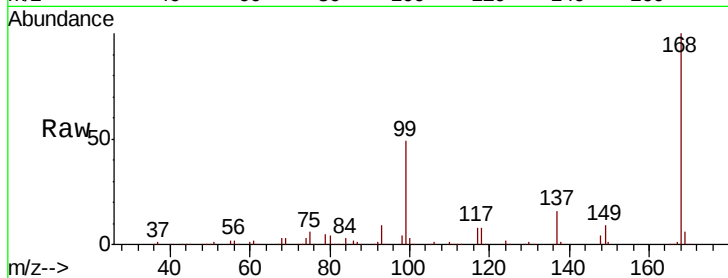




#36
 1,1-Dichloropropene
 Concen: 4.471 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN053334.D
 Acq: 10 Jan 2019 10:38

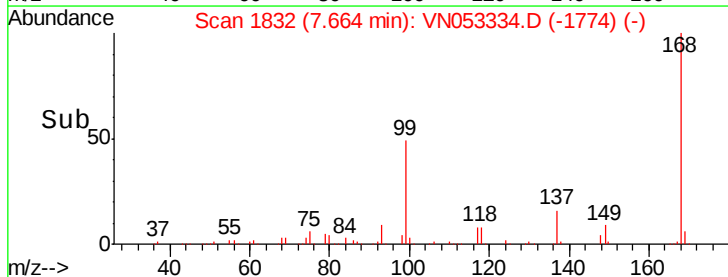
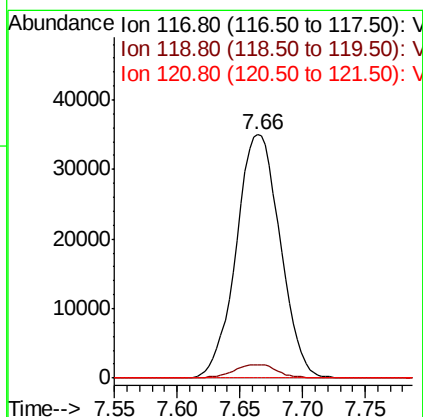
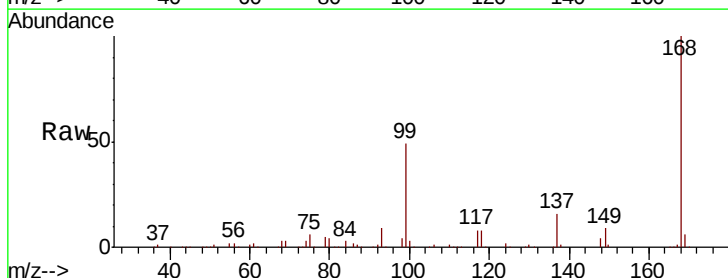
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0110WBL02

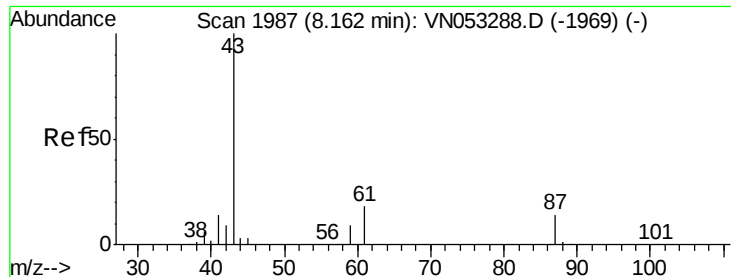
Tgt Ion: 75 Resp: 66168
 Ion Ratio Lower Upper
 75 100
 110 8.4 18.4 55.0#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 6.237 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN053334.D
 Acq: 10 Jan 2019 10:38

Tgt Ion: 117 Resp: 85191
 Ion Ratio Lower Upper
 117 100
 119 5.7 76.6 115.0#
 121 0.0 25.0 37.4#

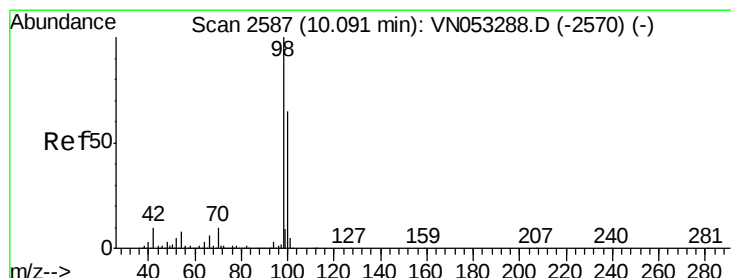
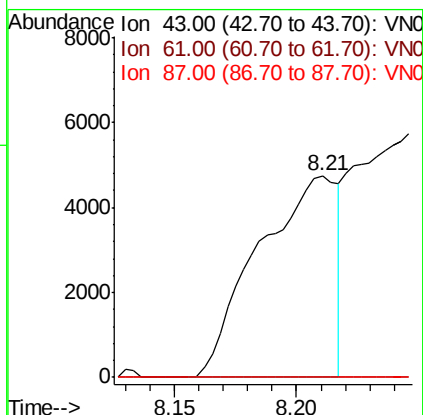
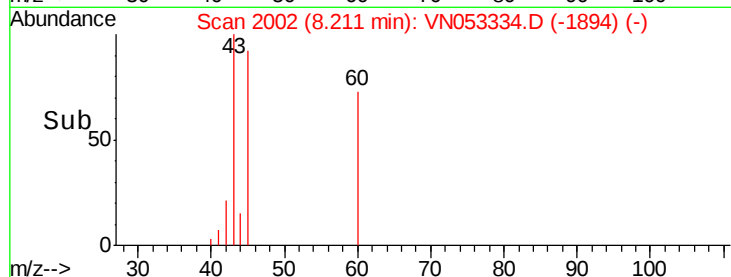
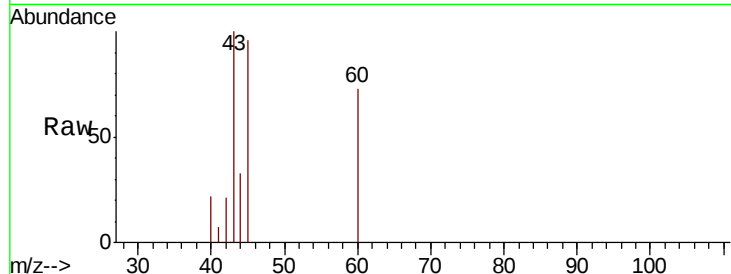




#43
Isopropyl Acetate
Concen: 0.563 ug/l
RT: 8.21 min Scan# 2002
Delta R.T. 0.05 min
Lab File: VN053334.D
Acq: 10 Jan 2019 10:38

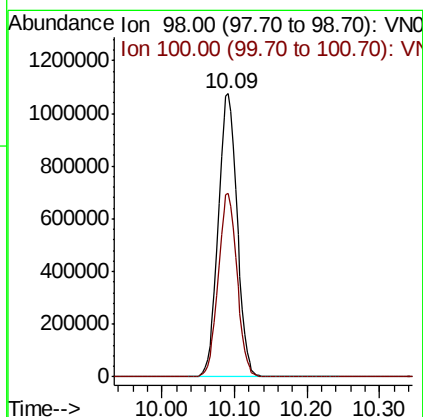
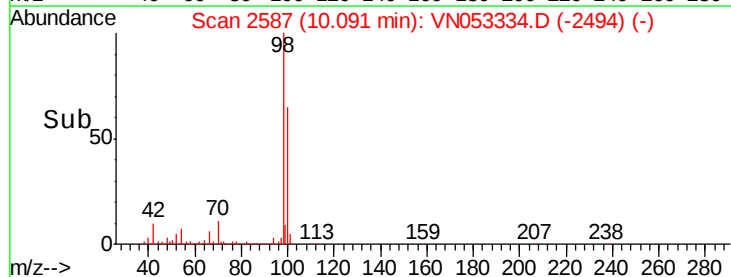
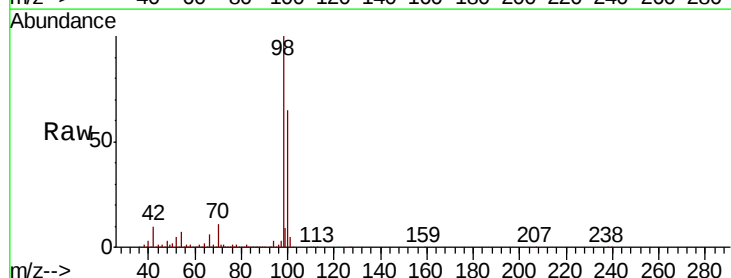
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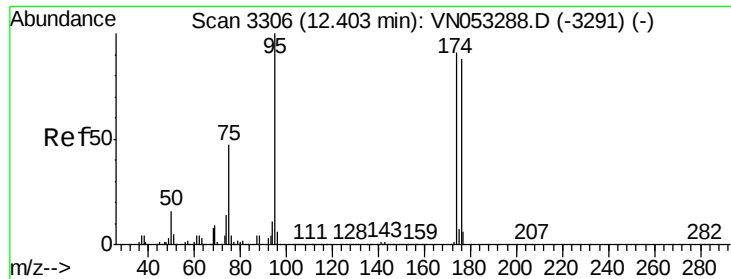
Tgt Ion: 43 Resp: 10675
Ion Ratio Lower Upper
43 100
61 0.0 23.3 34.9#
87 0.0 10.8 16.2#



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053334.D
Acq: 10 Jan 2019 10:38

Tgt Ion: 98 Resp: 1939520
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3

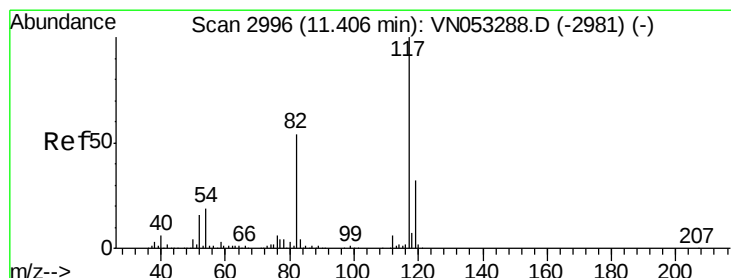
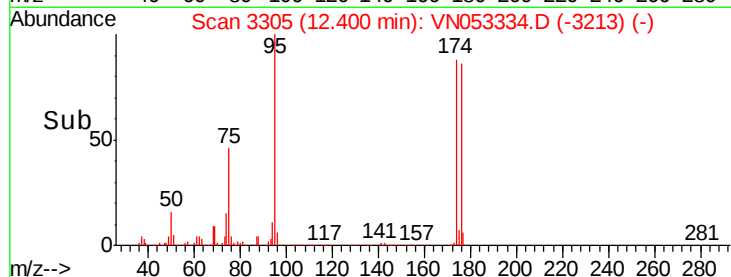
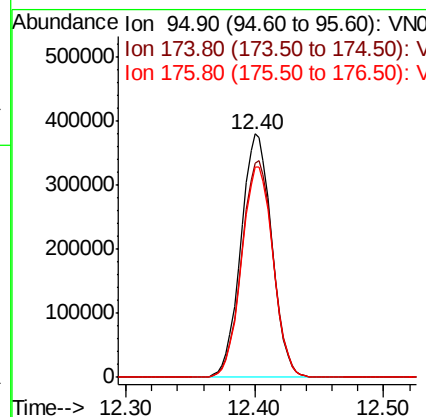
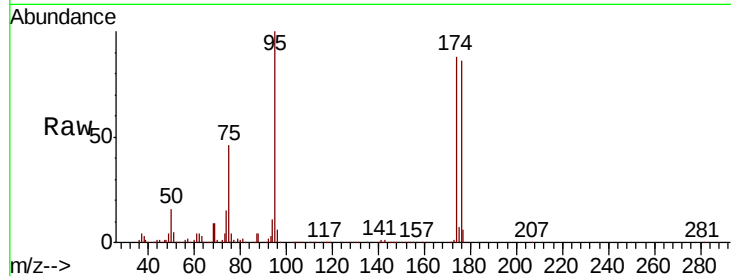




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053334.D
Acq: 10 Jan 2019 10:38

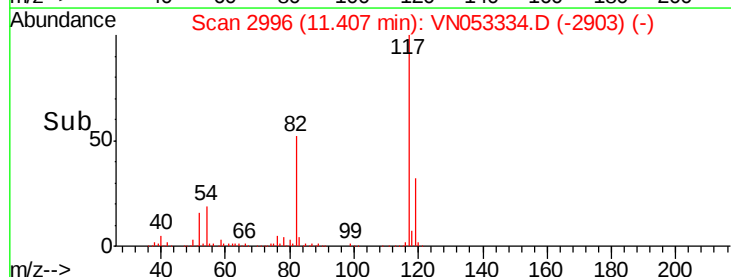
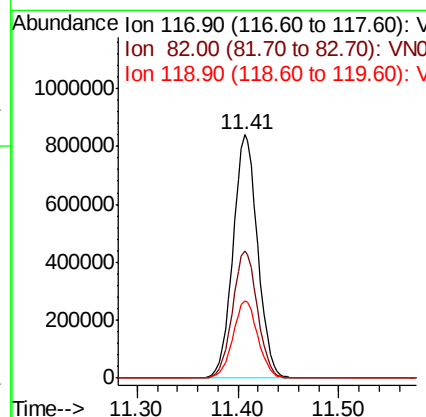
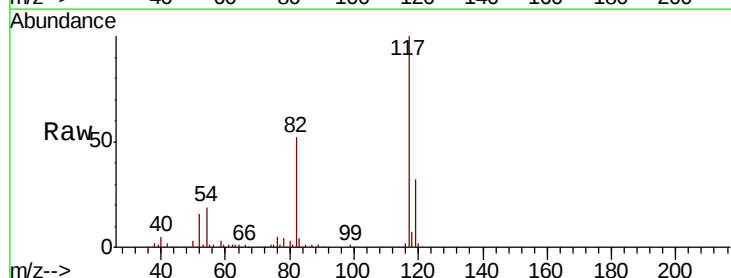
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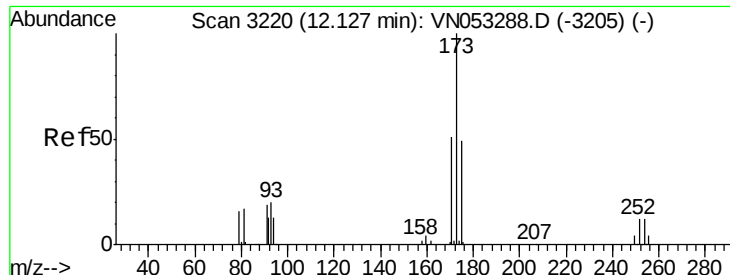
Tgt Ion: 95 Resp: 631642
Ion Ratio Lower Upper
95 100
174 90.7 0.0 180.4
176 88.1 0.0 175.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053334.D
Acq: 10 Jan 2019 10:38

Tgt Ion: 117 Resp: 1427169
Ion Ratio Lower Upper
117 100
82 52.3 42.9 64.3
119 31.8 25.6 38.4





#71

Bromoform

Concen: 0.530 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN053334.D

Acq: 10 Jan 2019 10:38

Instrument :

MSVOA_N

ClientSampleId :

VN0110WBL02

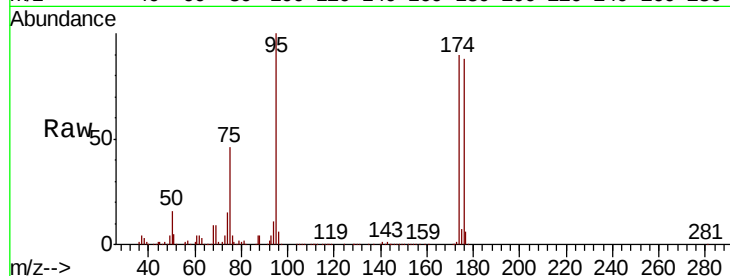
Tgt Ion:173 Resp: 4064

Ion Ratio Lower Upper

173 100

175 925.8 24.3 72.8#

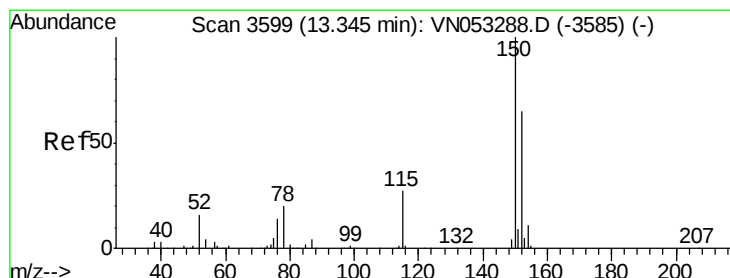
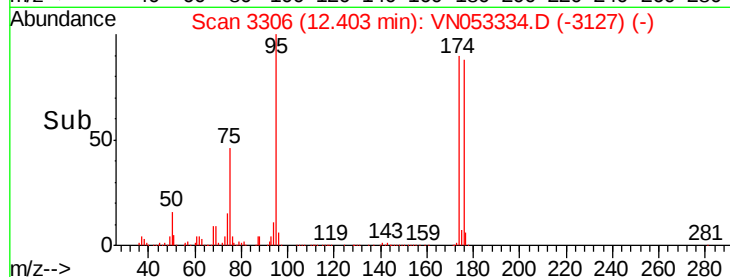
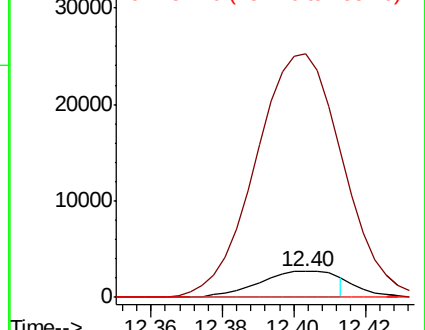
254 0.0 0.2 0.2#



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: VN053334.D

Acq: 10 Jan 2019 10:38

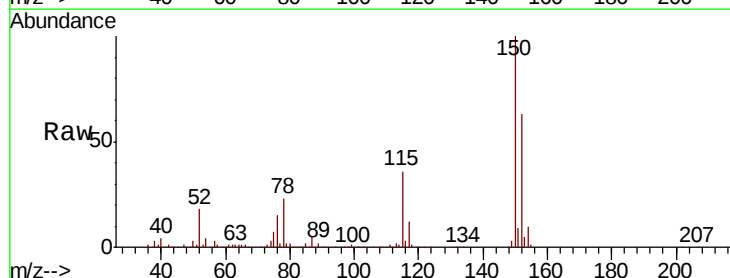
Tgt Ion:152 Resp: 555292

Ion Ratio Lower Upper

152 100

115 56.0 28.0 84.0

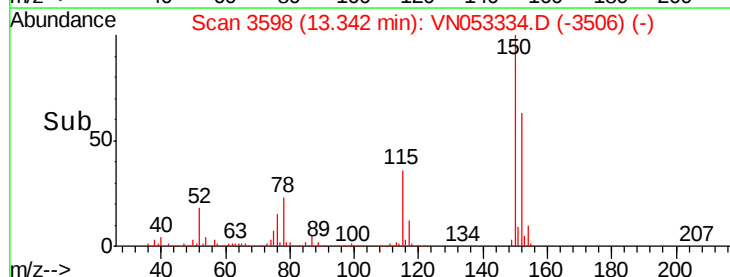
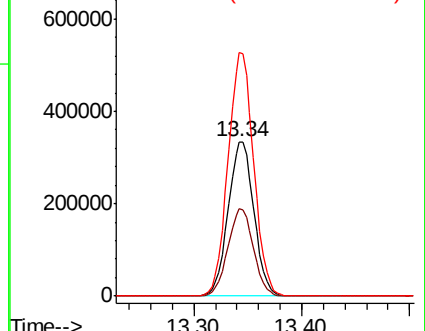
150 156.7 0.0 346.6

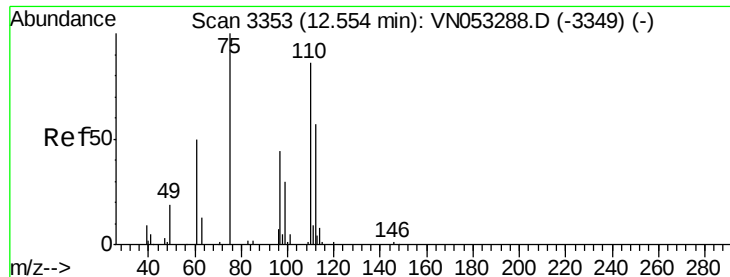


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 36.391 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053334.D

Acq: 10 Jan 2019 10:38

Instrument :

MSVOA_N

ClientSampleId :

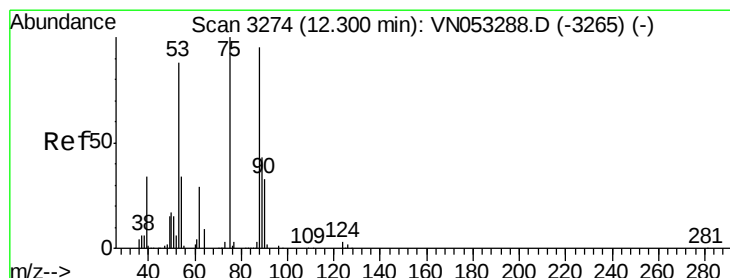
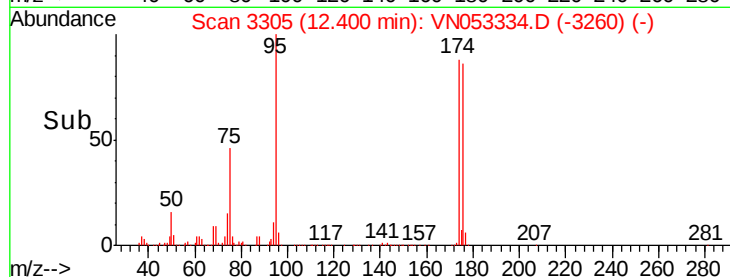
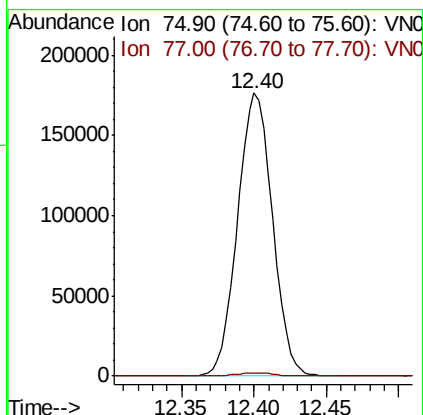
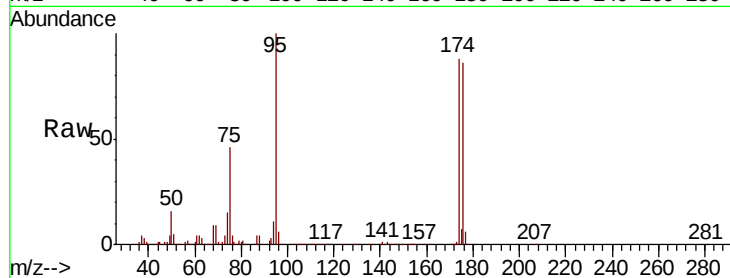
VN0110WBL02

Tgt Ion: 75 Resp: 294740

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 107.069 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053334.D

Acq: 10 Jan 2019 10:38

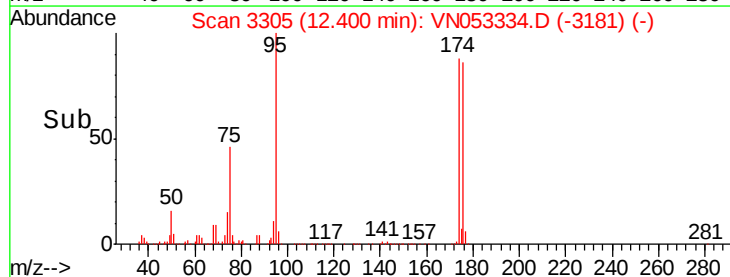
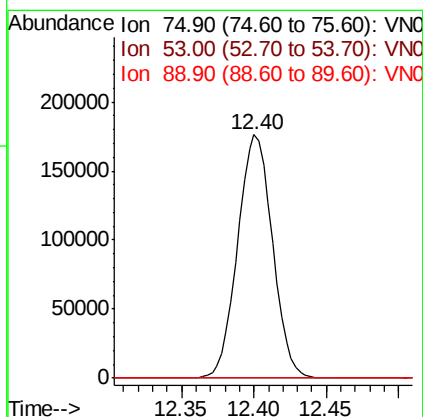
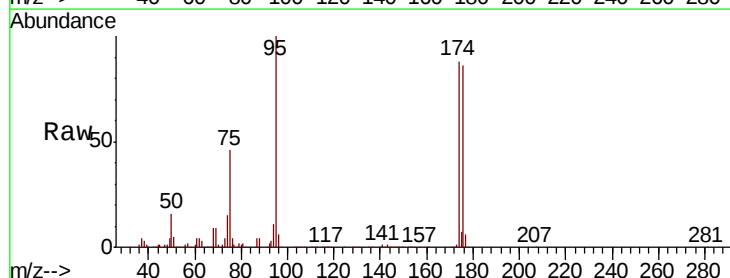
Tgt Ion: 75 Resp: 294740

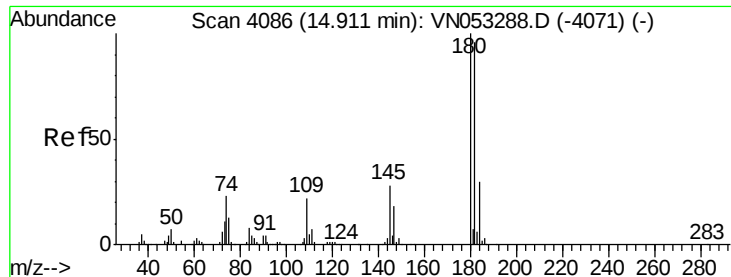
Ion Ratio Lower Upper

75 100

53 0.0 70.5 105.7#

89 0.0 35.4 53.0#

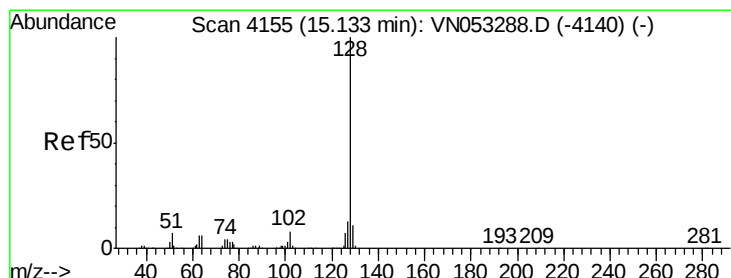
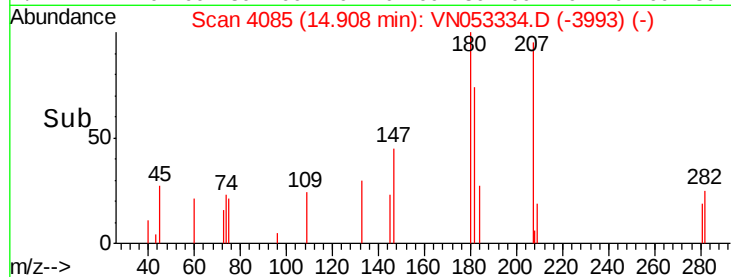
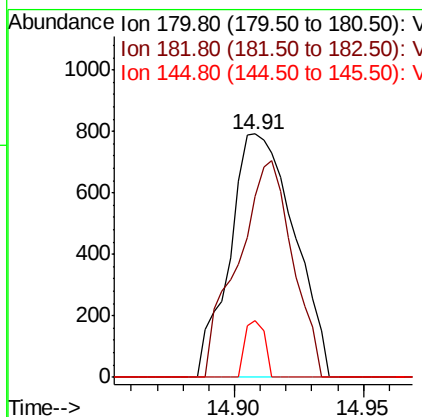
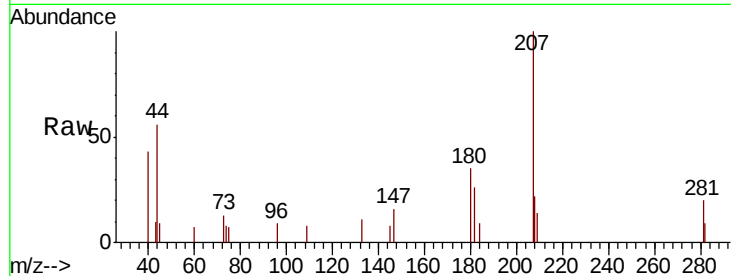




#93
 1,2,4-Trichlorobenzene
 Concen: 0.241 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN053334.D
 Acq: 10 Jan 2019 10:38

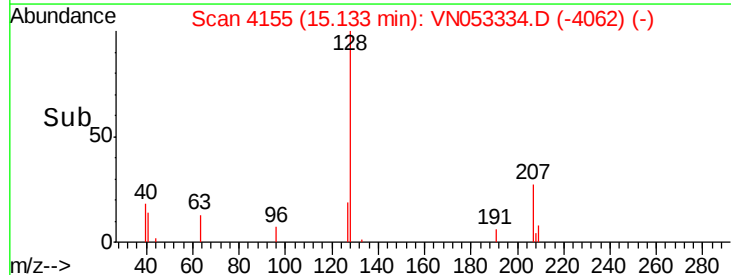
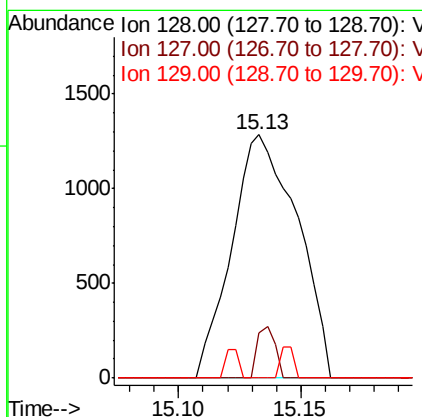
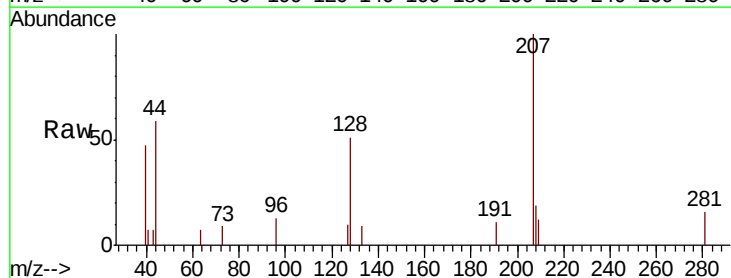
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0110WBL02

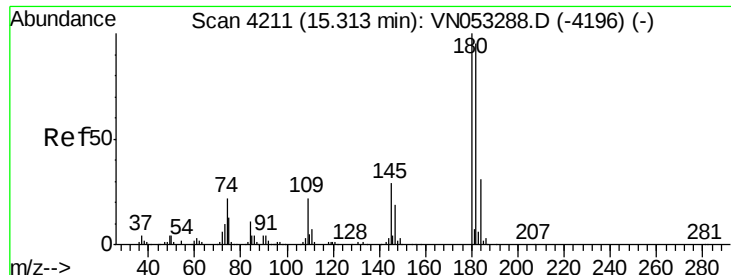
Tgt Ion:180 Resp: 1377
 Ion Ratio Lower Upper
 180 100
 182 75.7 47.8 143.4
 145 7.1 14.4 43.0#



#95
 Naphthalene
 Concen: 0.246 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN053334.D
 Acq: 10 Jan 2019 10:38

Tgt Ion:128 Resp: 2398
 Ion Ratio Lower Upper
 128 100
 127 5.5 10.4 15.6#
 129 2.4 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.326 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN053334.D
 Acq: 10 Jan 2019 10:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0110WBL02

Tgt Ion:180 Resp: 1222
 Ion Ratio Lower Upper
 180 100
 182 98.3 48.4 145.0
 145 11.1 14.9 44.5#

