

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN011019\
 Data File : VN053348.D
 Acq On : 10 Jan 2019 18:35
 Operator : MD\SY
 Sample : I.BLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Quant Time: Jan 11 05:48:23 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	7.67	168	1106691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1717743	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1552906	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	610472	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	554098	48.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.26%	
35) Dibromofluoromethane	7.59	113	492147	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
50) Toluene-d8	10.09	98	2109005	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
62) 4-Bromofluorobenzene	12.40	95	689721	46.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.40%	

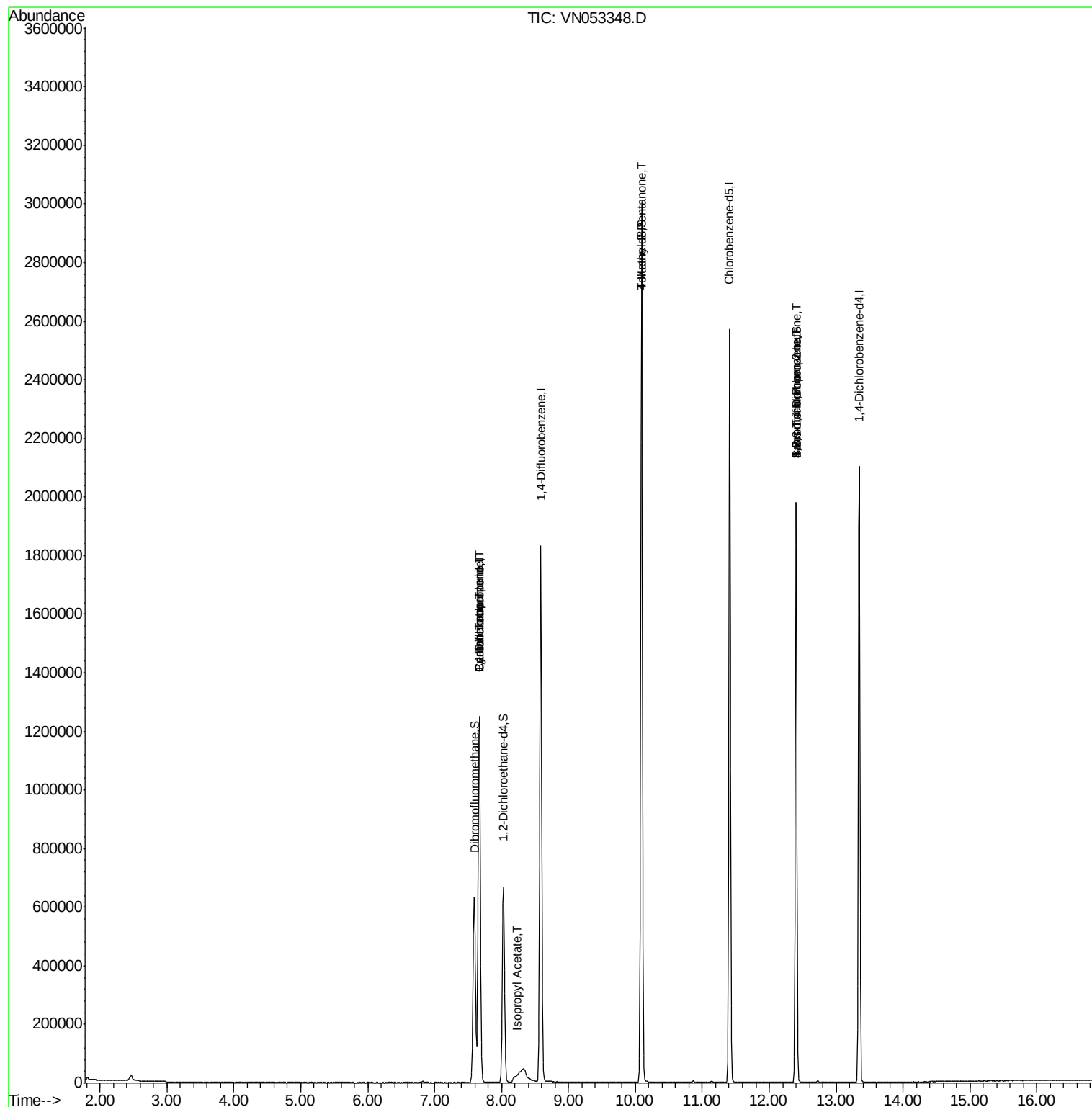
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	497	Below Cal	#	40
31) Cyclohexane	7.66	56	17647	0.706	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	72387	4.514	ug/l #	48
38) Carbon Tetrachloride	7.67	117	93804	6.337	ug/l #	16
43) Isopropyl Acetate	8.22	43	26059	1.268	ug/l #	52
51) 4-Methyl-2-Pentanone	10.09	43	7775	0.752	ug/l #	1
71) Bromoform	12.40	173	4396	0.527	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	324293	36.421	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	324293	107.156	ug/l #	14

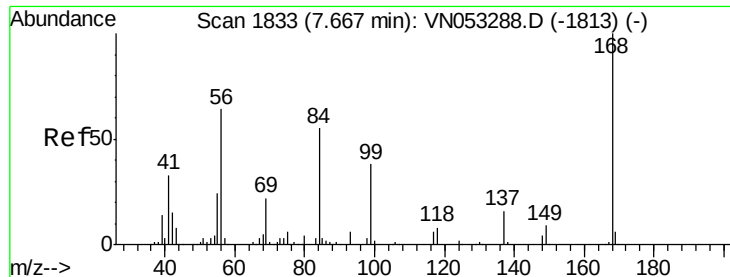
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053348.D

Acq: 10 Jan 2019 18:35

Instrument :

MSVOA_N

ClientSampled :

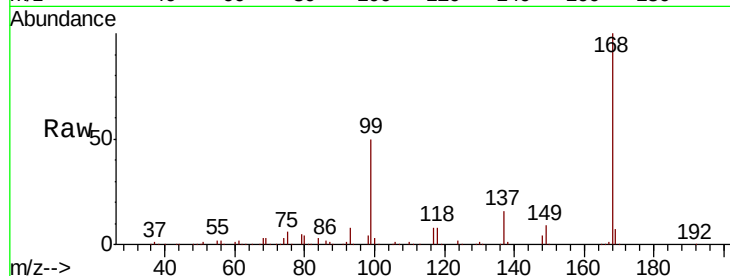
I.BLK

Tgt Ion:168 Resp: 1106691

Ion Ratio Lower Upper

168 100

99 49.9 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) (-)

7.67

500000

400000

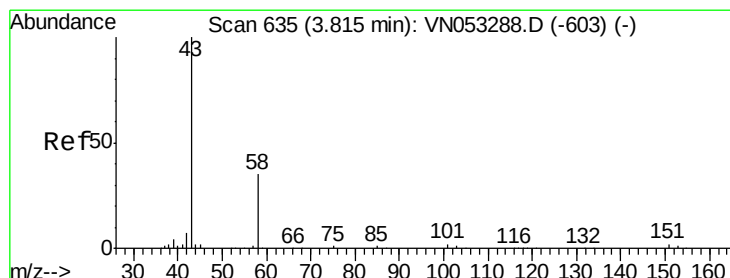
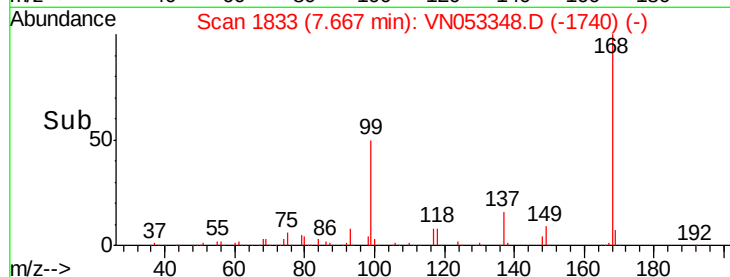
300000

200000

100000

0

Time-->



#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053348.D

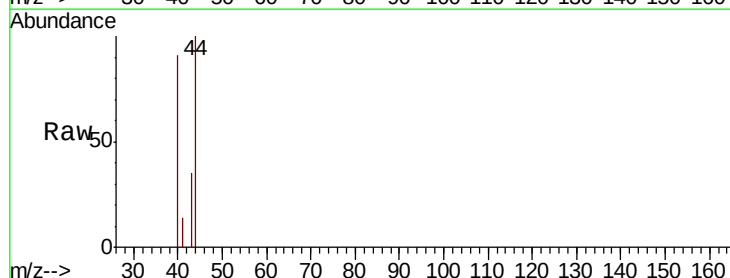
Acq: 10 Jan 2019 18:35

Tgt Ion: 43 Resp: 497

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) (-)

3.82

400

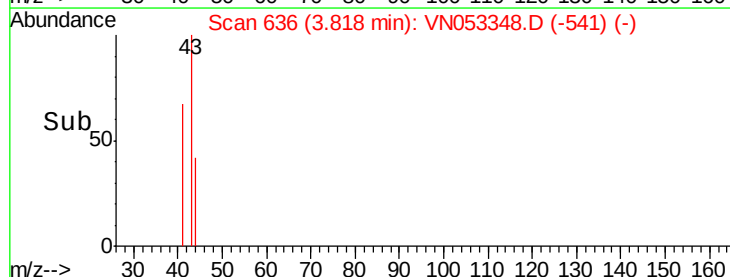
300

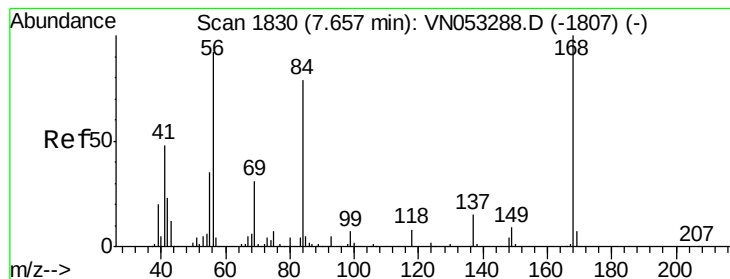
200

100

0

Time-->





#31

Cyclohexane

Concen: 0.706 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN053348.D

Acq: 10 Jan 2019 18:35

Instrument :

MSVOA_N

ClientSampled :

I.BLK

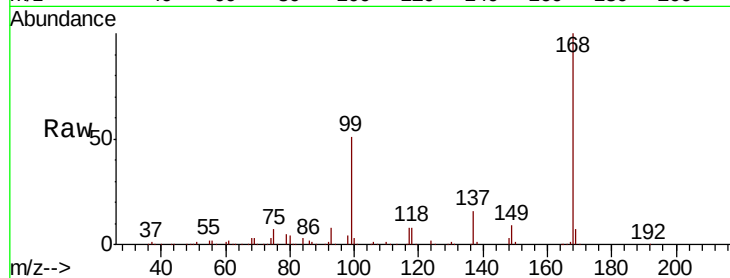
Tgt Ion: 56 Resp: 17647

Ion Ratio Lower Upper

56 100

69 183.3 26.7 40.1#

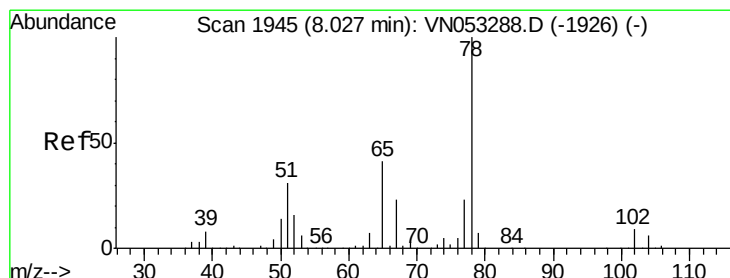
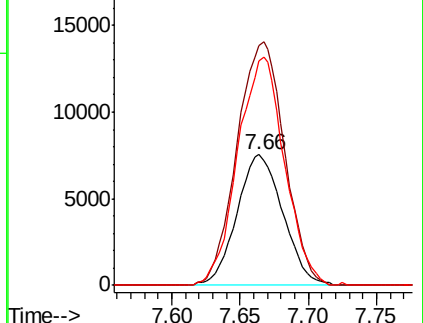
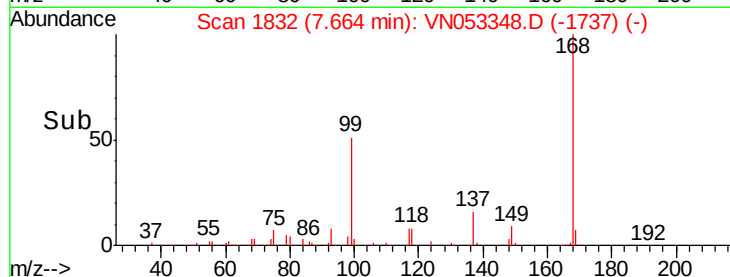
84 171.2 68.2 102.4#



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: VN053348.D

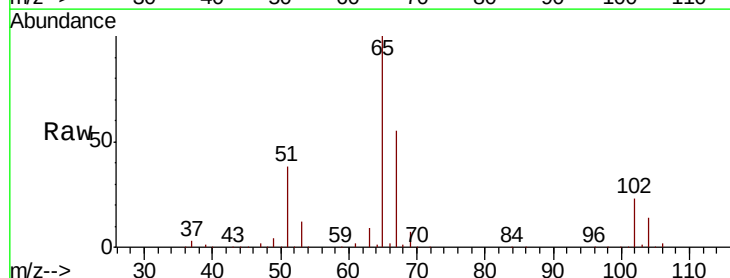
Acq: 10 Jan 2019 18:35

Tgt Ion: 65 Resp: 554098

Ion Ratio Lower Upper

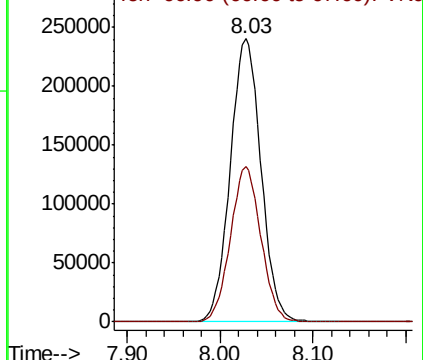
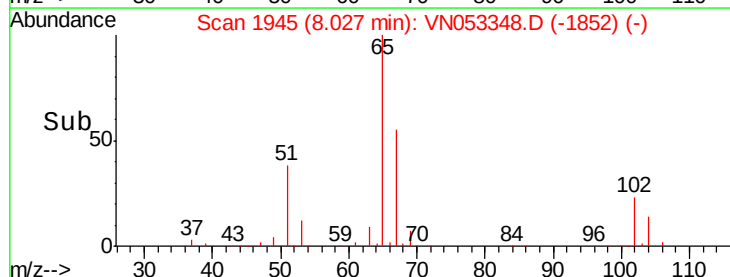
65 100

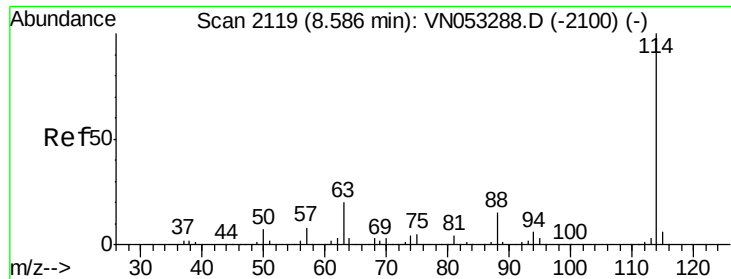
67 54.4 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

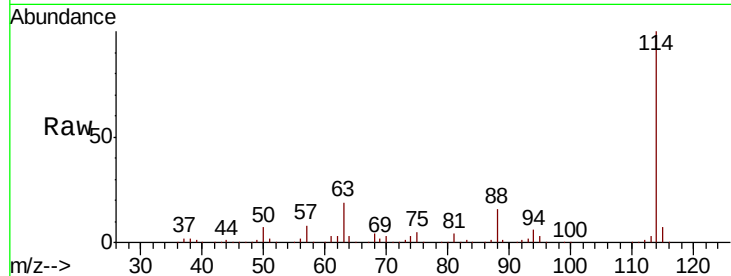




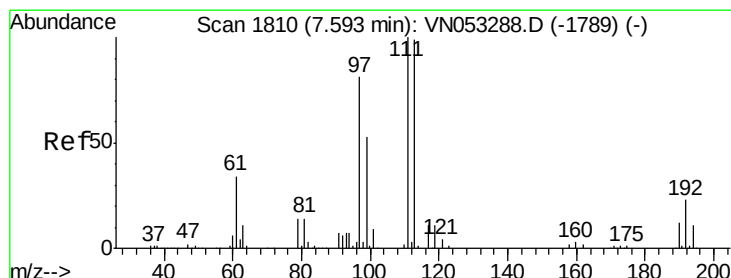
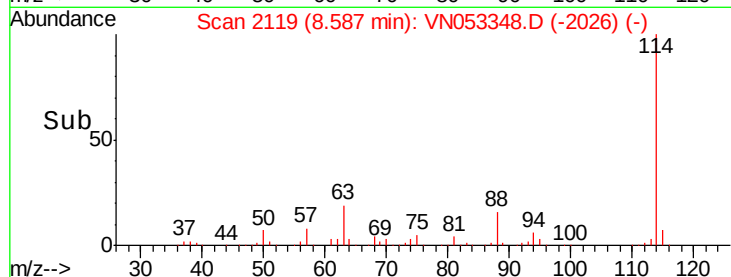
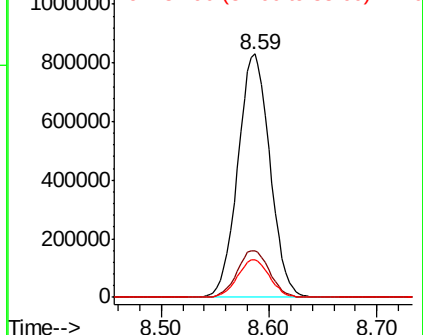
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053348.D
 Acq: 10 Jan 2019 18:35

Instrument :
 MSVOA_N
 ClientSampled :
 I.BLK

Tgt Ion:114 Resp: 1717743
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.0
 88 15.6 0.0 30.8

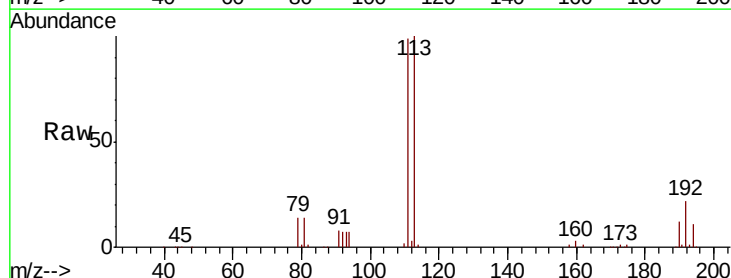


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

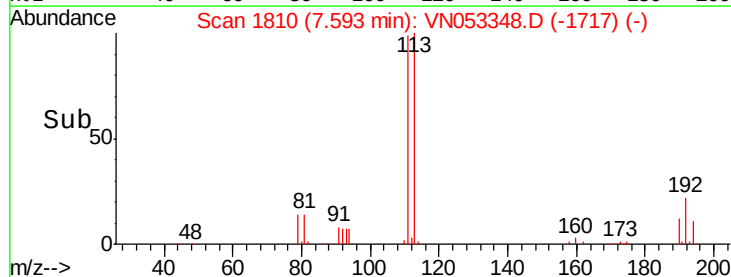
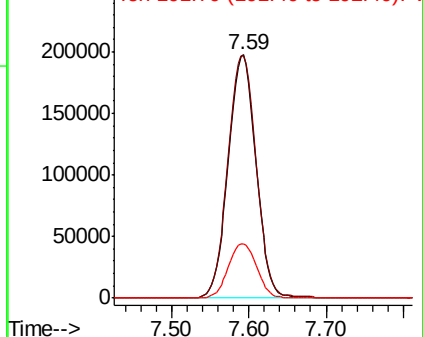


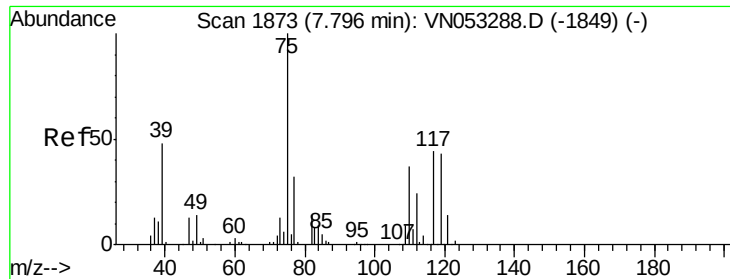
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053348.D
 Acq: 10 Jan 2019 18:35

Tgt Ion:113 Resp: 492147
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.4 122.2
 192 22.8 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

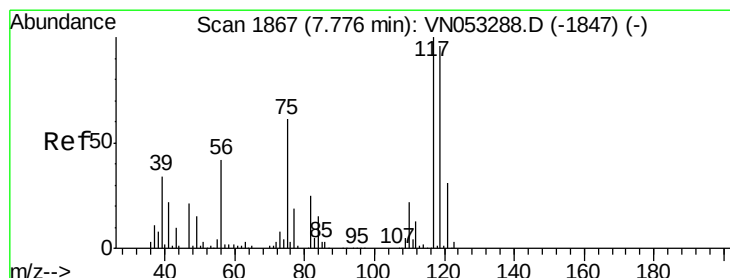
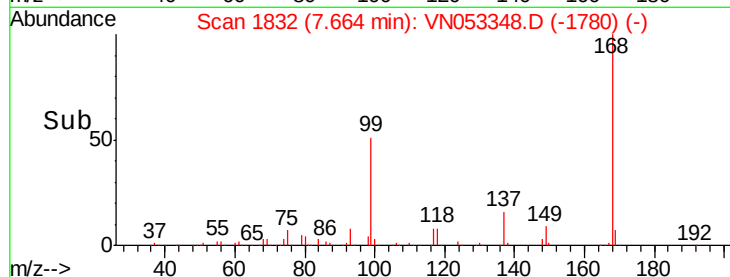
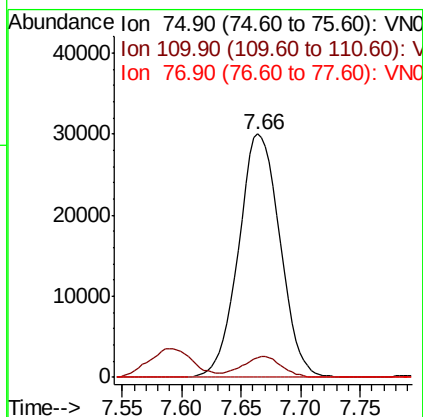
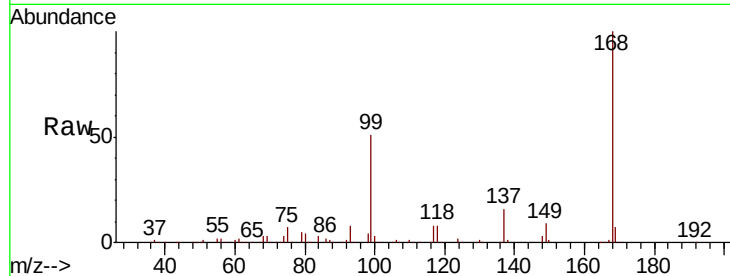




#36
 1,1-Dichloropropene
 Concen: 4.514 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN053348.D
 Acq: 10 Jan 2019 18:35

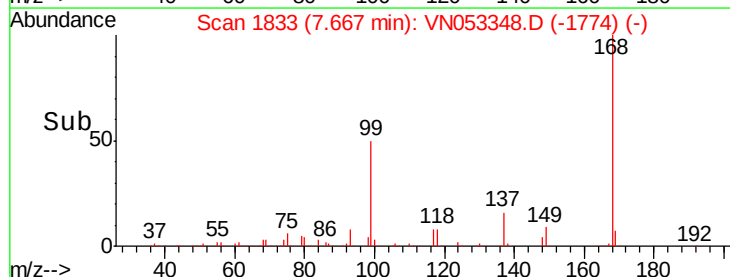
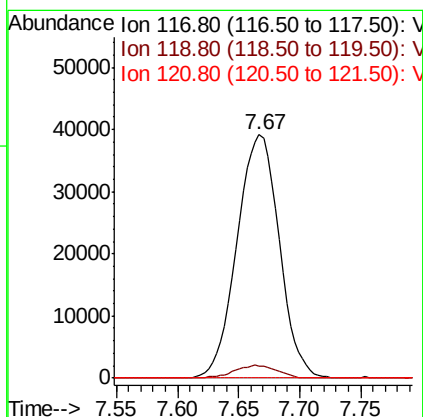
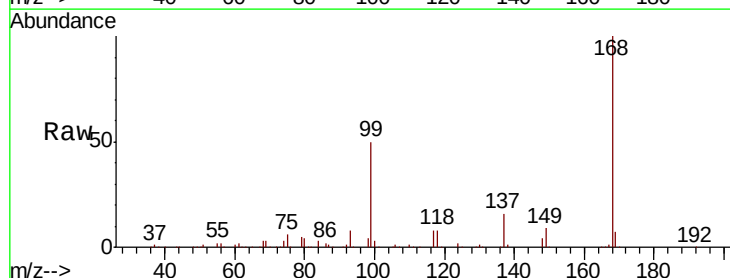
Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

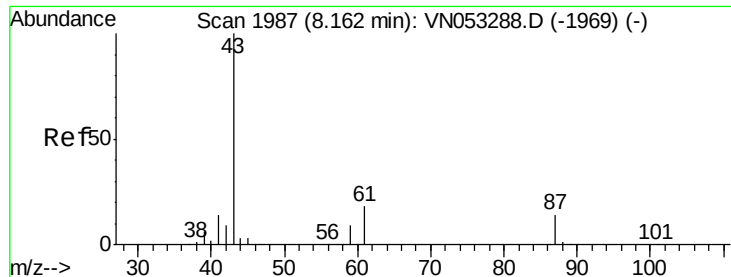
Tgt Ion: 75 Resp: 72387
 Ion Ratio Lower Upper
 75 100
 110 8.2 18.4 55.0#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 6.337 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN053348.D
 Acq: 10 Jan 2019 18:35

Tgt Ion: 117 Resp: 93804
 Ion Ratio Lower Upper
 117 100
 119 5.1 76.6 115.0#
 121 0.0 25.0 37.4#





#43

Isopropyl Acetate

Concen: 1.268 ug/l

RT: 8.22 min Scan# 2006

Delta R.T. 0.06 min

Lab File: VN053348.D

Acq: 10 Jan 2019 18:35

Instrument :

MSVOA_N

ClientSampleId :

I.BLK

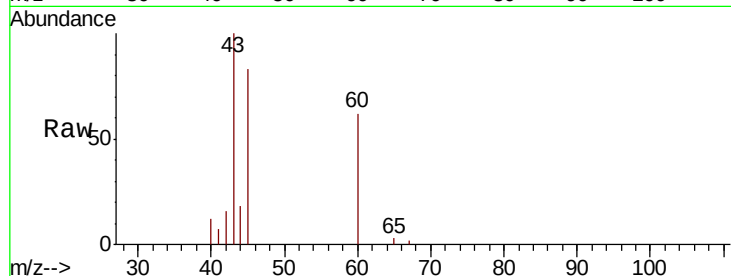
Tgt Ion: 43 Resp: 26059

Ion Ratio Lower Upper

43 100

61 0.0 23.3 34.9#

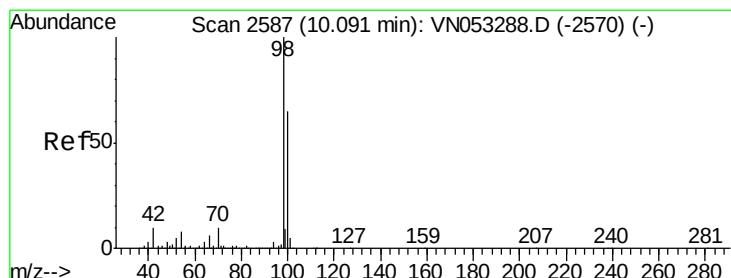
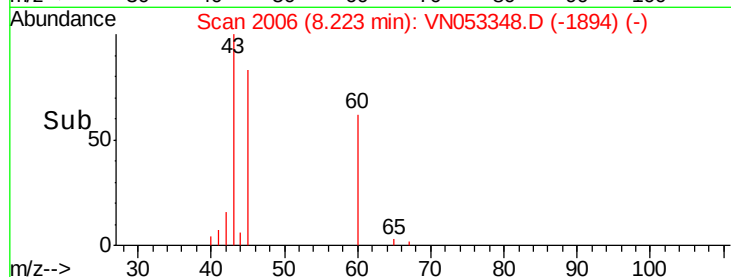
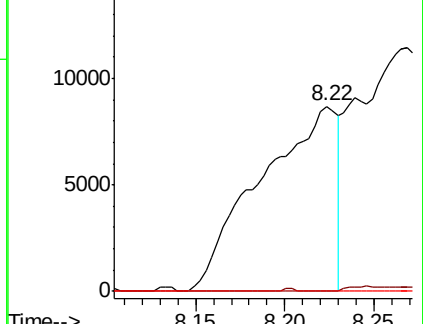
87 0.0 10.8 16.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053348.D

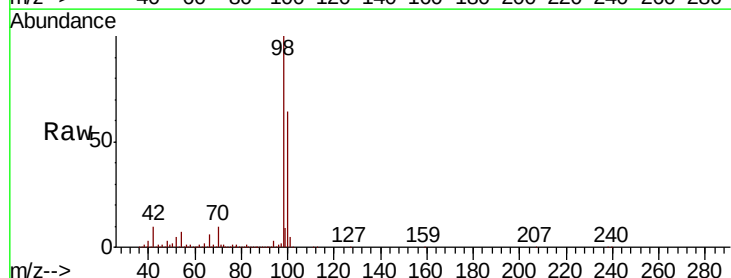
Acq: 10 Jan 2019 18:35

Tgt Ion: 98 Resp: 2109005

Ion Ratio Lower Upper

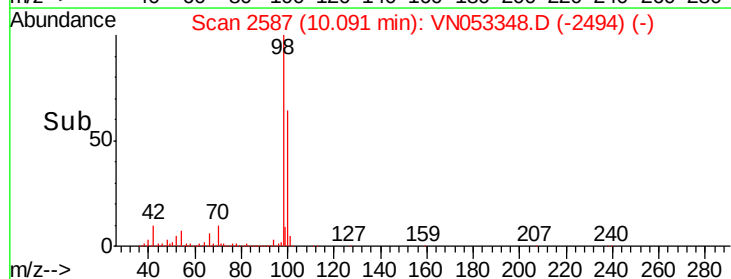
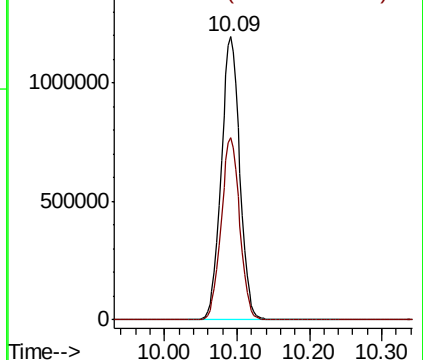
98 100

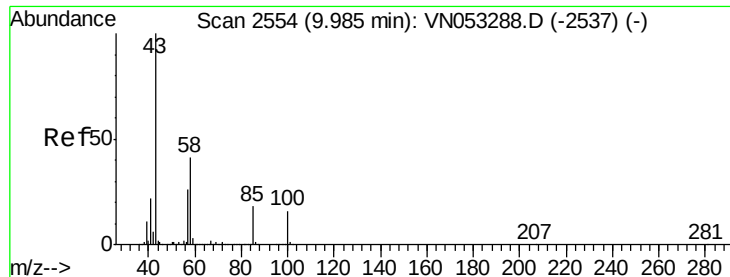
100 64.4 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 0.752 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.11 min

Lab File: VN053348.D

Acq: 10 Jan 2019 18:35

Instrument :

MSVOA_N

ClientSampled :

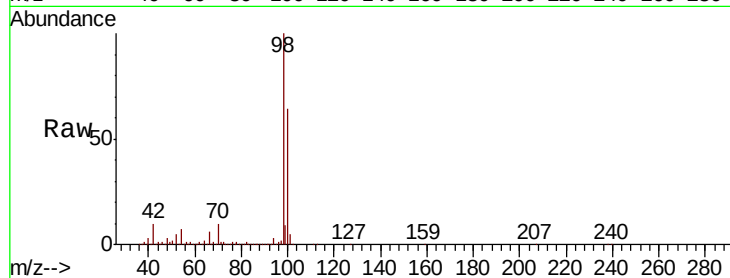
I.BLK

Tgt Ion: 43 Resp: 7775

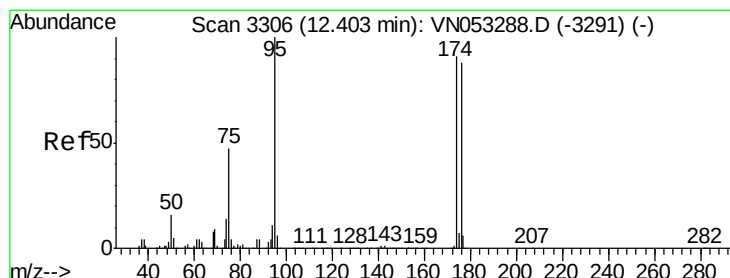
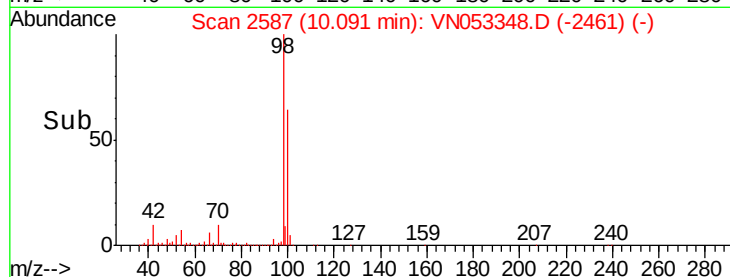
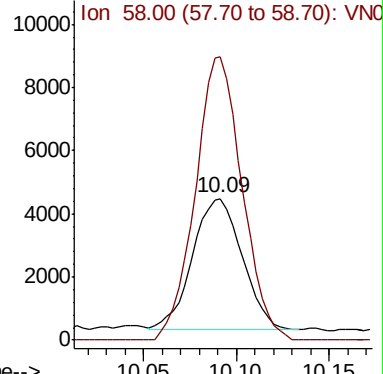
Ion Ratio Lower Upper

43 100

58 201.9 32.7 49.1#



Abundance Ion 43.00 (42.70 to 43.70): VN053288.D (-2537) (-)



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053348.D

Acq: 10 Jan 2019 18:35

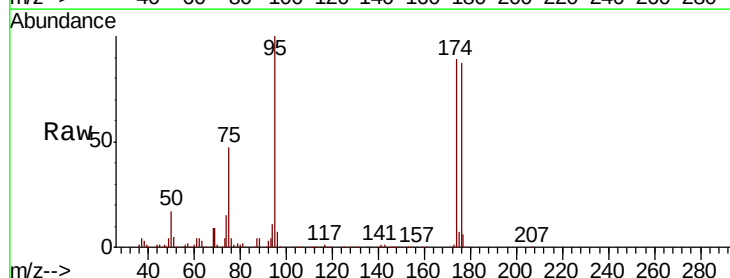
Tgt Ion: 95 Resp: 689721

Ion Ratio Lower Upper

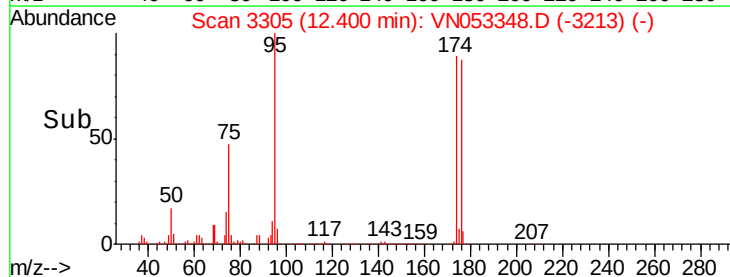
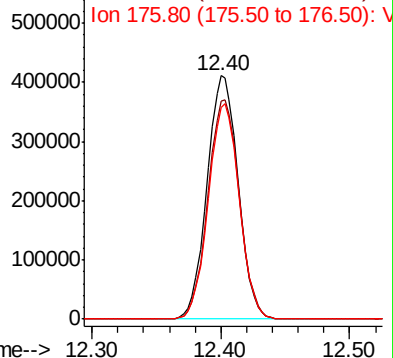
95 100

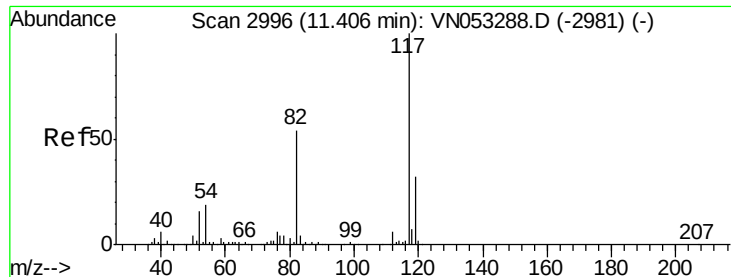
174 90.8 0.0 180.4

176 87.9 0.0 175.6



Abundance Ion 94.90 (94.60 to 95.60): VN053288.D (-3291) (-)

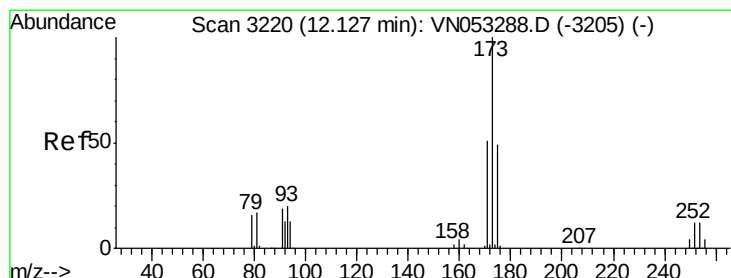
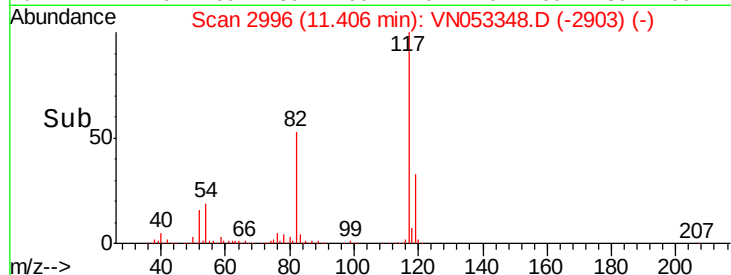
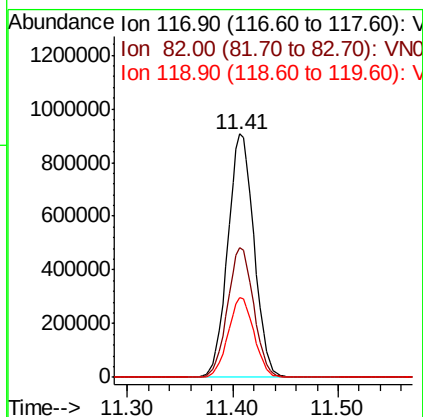
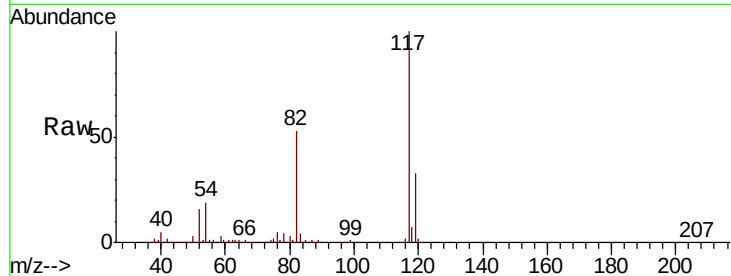




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053348.D
Acq: 10 Jan 2019 18:35

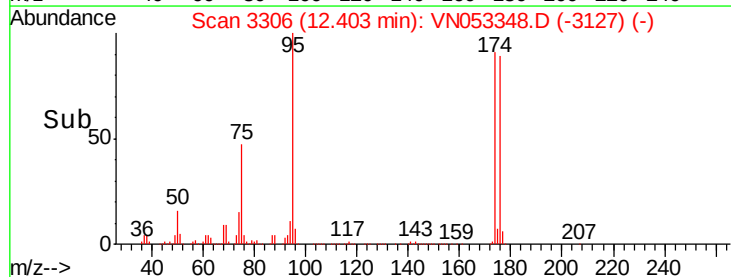
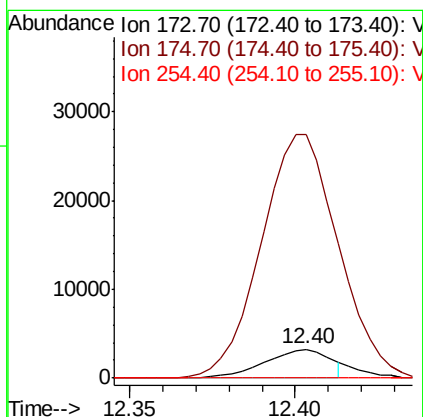
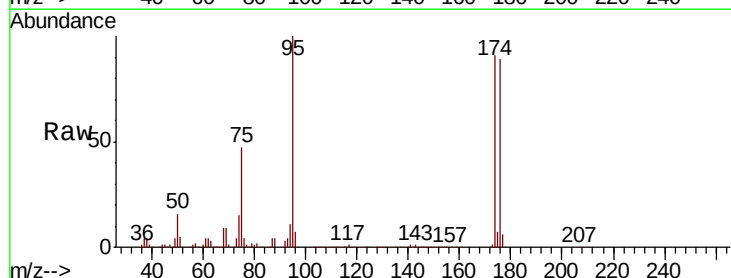
Instrument :
MSVOA_N
ClientSampled :
I.BLK

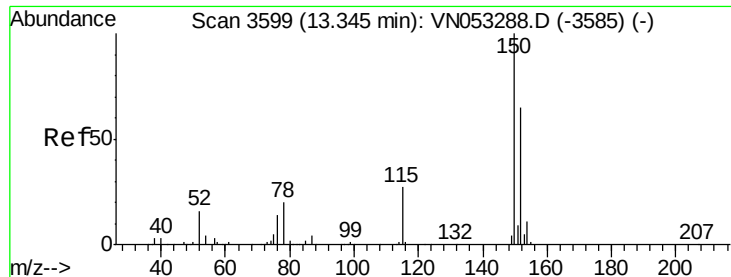
Tgt Ion:117 Resp: 1552906
Ion Ratio Lower Upper
117 100
82 53.3 42.9 64.3
119 32.7 25.6 38.4



#71
Bromoform
Concen: 0.527 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN053348.D
Acq: 10 Jan 2019 18:35

Tgt Ion:173 Resp: 4396
Ion Ratio Lower Upper
173 100
175 895.5 24.3 72.8#
254 0.0 0.2 0.2#

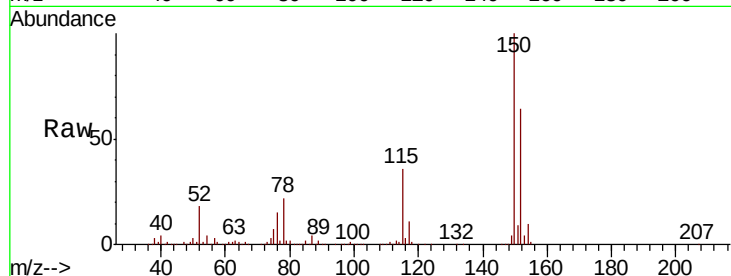




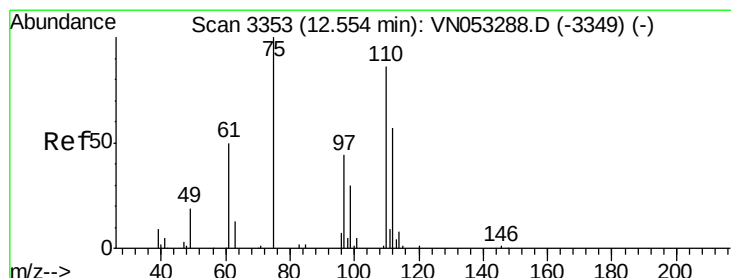
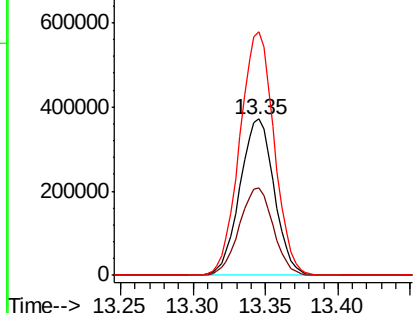
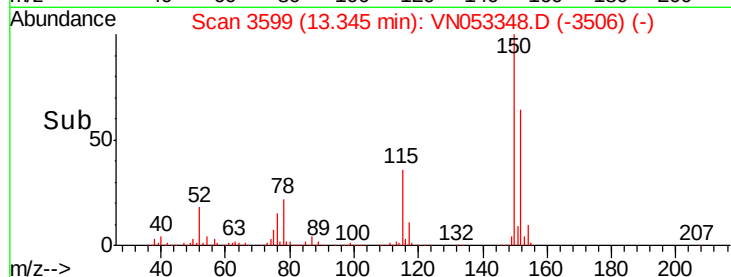
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN053348.D
 Acq: 10 Jan 2019 18:35

Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Tgt Ion:152 Resp: 610472
 Ion Ratio Lower Upper
 152 100
 115 55.6 28.0 84.0
 150 156.2 0.0 346.6

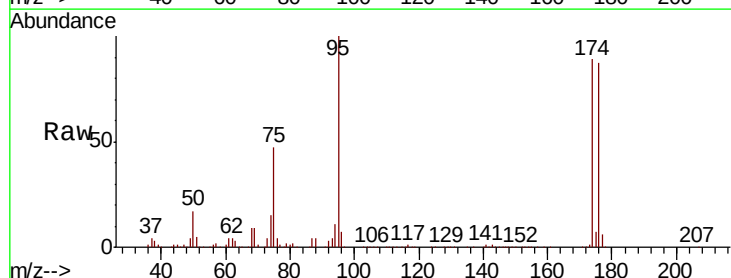


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

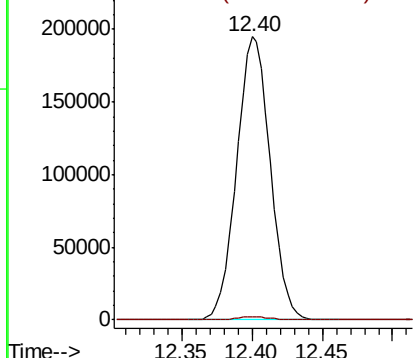
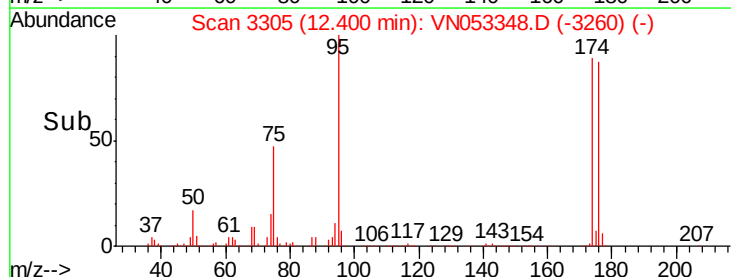


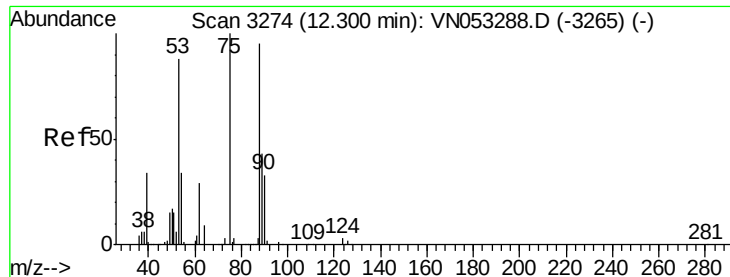
#76
 1,2,3-Trichloropropane
 Concen: 36.421 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN053348.D
 Acq: 10 Jan 2019 18:35

Tgt Ion: 75 Resp: 324293
 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: 107.156 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053348.D

Acq: 10 Jan 2019 18:35

Instrument :

MSVOA_N

ClientSampleId :

I.BLK

Tgt Ion: 75 Resp: 324293

Ion Ratio Lower Upper

75 100

53 0.0 70.5 105.7#

89 0.0 35.4 53.0#

