

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092318\
 Data File : VN051426.D
 Acq On : 23 Sep 2018 21:19
 Operator : MD\SY
 Sample : VN0922WBL02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBL02

Quant Time: Sep 24 06:48:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	629342	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	964483	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	794813	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	268845	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	421762	53.50	ug/l	0.00
Spiked Amount			Recovery	=	107.00%	
35) Dibromofluoromethane	7.59	113	371866	48.22	ug/l	0.00
Spiked Amount			Recovery	=	96.44%	
50) Toluene-d8	10.09	98	1350362	46.50	ug/l	0.00
Spiked Amount			Recovery	=	93.00%	
62) 4-Bromofluorobenzene	12.40	95	350784	37.34	ug/l	0.00
Spiked Amount			Recovery	=	74.68%	

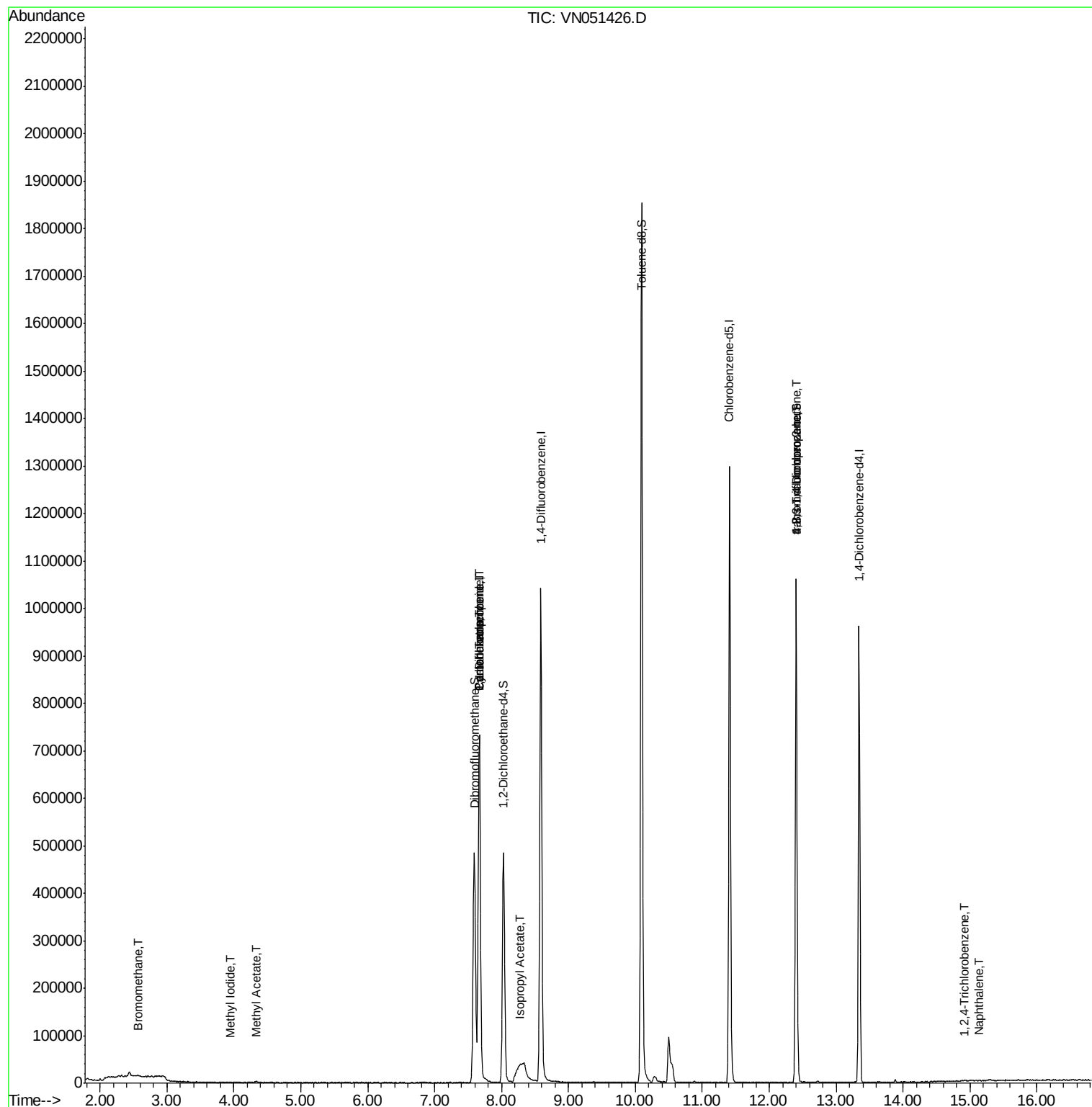
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.57	94	1650	0.326	ug/l #	77
10) Methyl Iodide	3.95	142	67	0.283	ug/l #	42
16) Acetone	3.81	43	363	Below Cal	#	43
18) Methyl Acetate	4.34	43	4946	0.824	ug/l #	75
31) Cyclohexane	7.67	56	12039	0.970	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	45150	4.042	ug/l #	48
38) Carbon Tetrachloride	7.67	117	56695	4.853	ug/l #	16
43) Isopropyl Acetate	8.27	43	51811	4.462	ug/l #	60
76) 1,2,3-Trichloropropane	12.40	75	174054	38.999	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	174054	119.920	ug/l #	13
93) 1,2,4-Trichlorobenzene	14.92	180	751	6.109	ug/l #	75
95) Naphthalene	15.13	128	2014	8.213	ug/l #	73

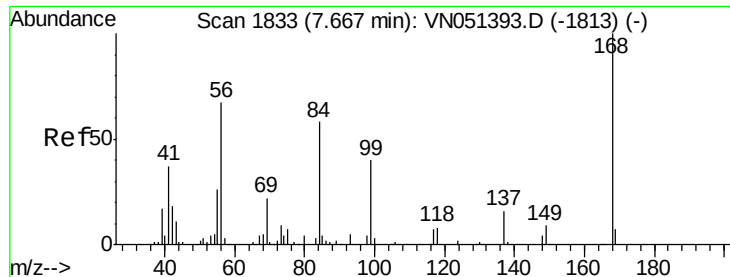
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN092318\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051426.D

Acq: 23 Sep 2018 21:19

Instrument :

MSVOA_N

ClientSampled :

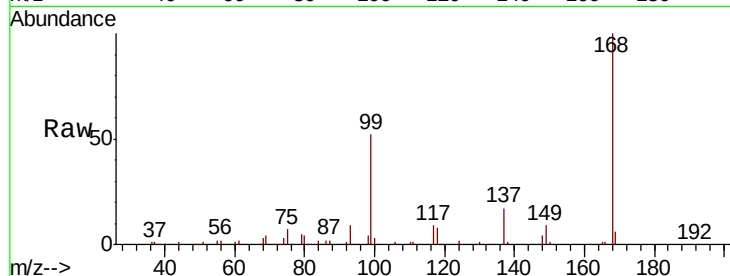
VN0923WBL02

Tgt Ion:168 Resp: 629342

Ion Ratio Lower Upper

168 100

99 52.0 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN051393.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN051393.D (-1813) (-)

7.67

250000

200000

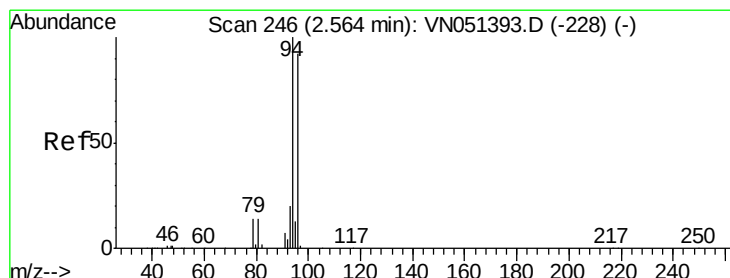
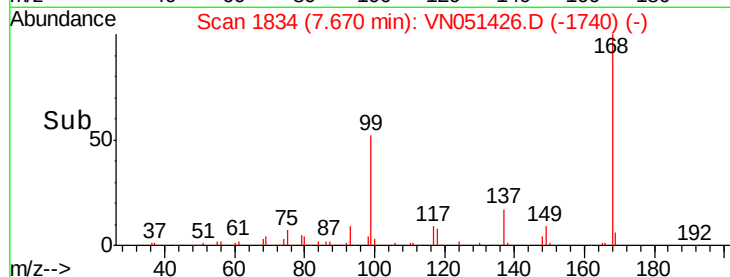
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.326 ug/l

RT: 2.57 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN051426.D

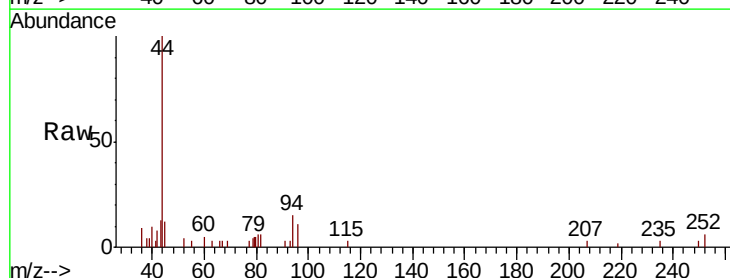
Acq: 23 Sep 2018 21:19

Tgt Ion: 94 Resp: 1650

Ion Ratio Lower Upper

94 100

96 70.3 73.6 110.4#



Abundance Ion 93.90 (93.60 to 94.60): VN051393.D (-228) (-)

Ion 95.90 (95.60 to 96.60): VN051393.D (-228) (-)

2.57

1000

800

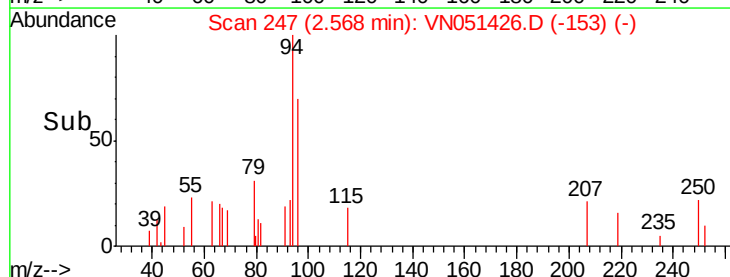
600

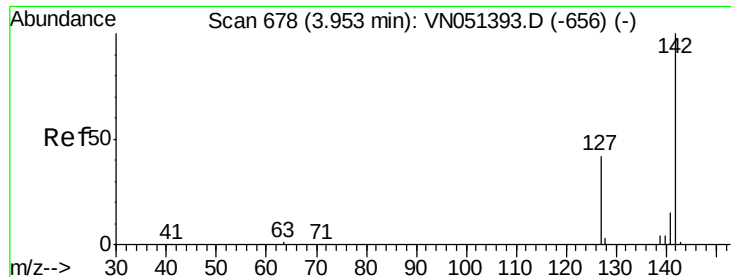
400

200

0

Time-->

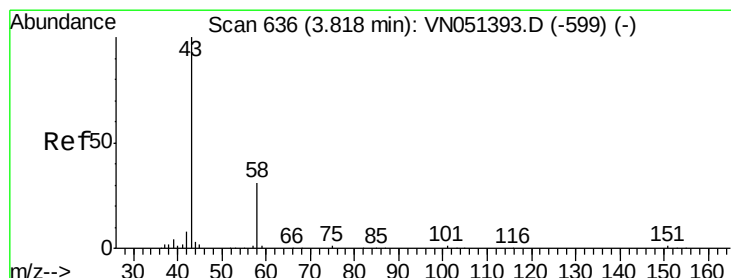
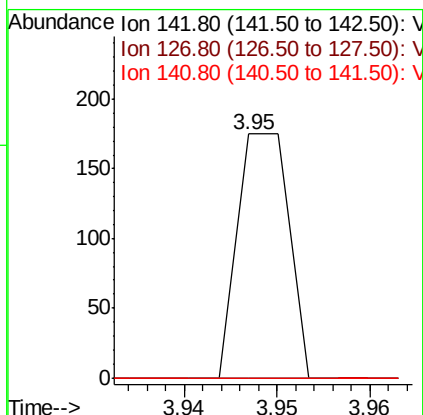
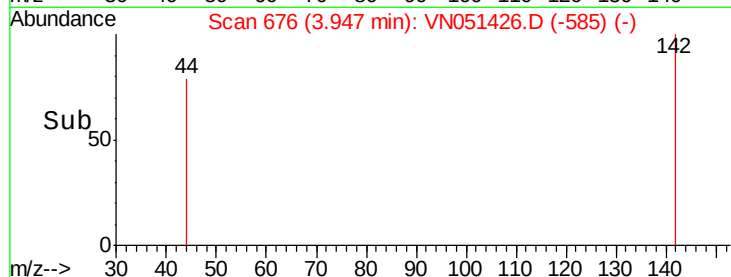
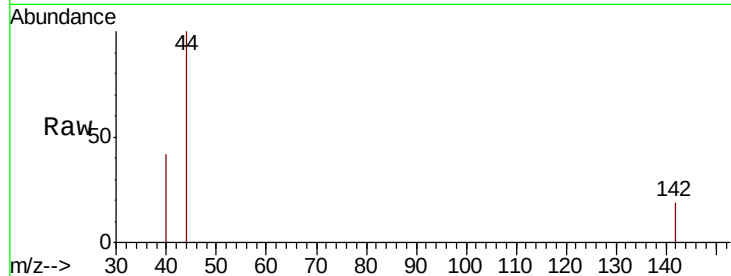




#10
Methyl Iodide
Concen: 0.283 ug/l
RT: 3.95 min Scan# 676
Delta R.T. -0.01 min
Lab File: VN051426.D
Acq: 23 Sep 2018 21:19

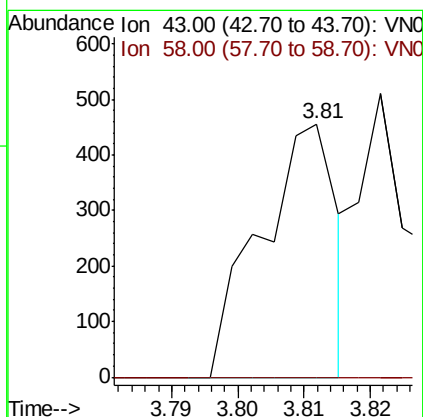
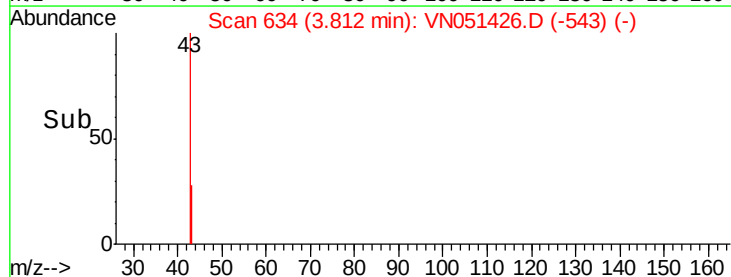
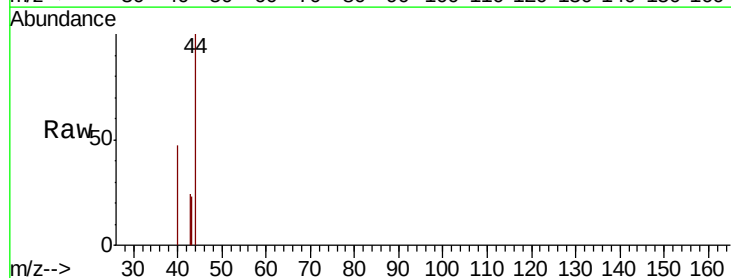
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBL02

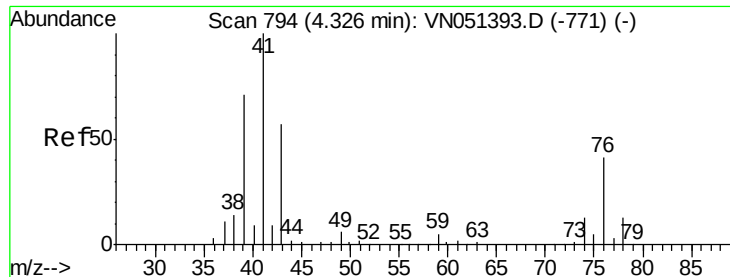
Tgt Ion	Ratio	Lower	Upper
142	100		
127	0.0	33.2	49.8#
141	0.0	11.5	17.3#



#16
Acetone
Concen: Below Cal
RT: 3.81 min Scan# 634
Delta R.T. -0.01 min
Lab File: VN051426.D
Acq: 23 Sep 2018 21:19

Tgt Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.0	37.4#

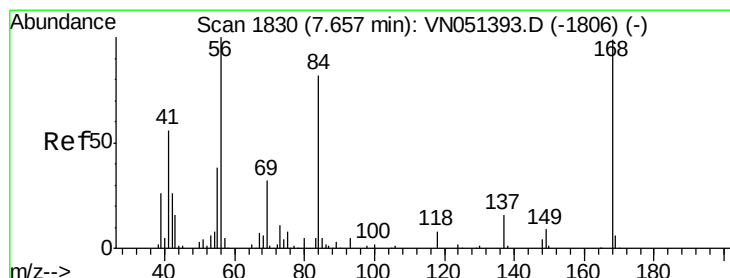
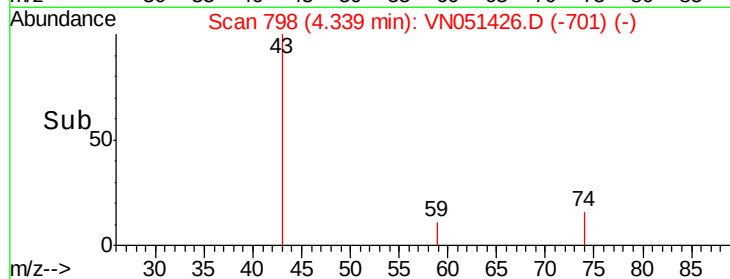
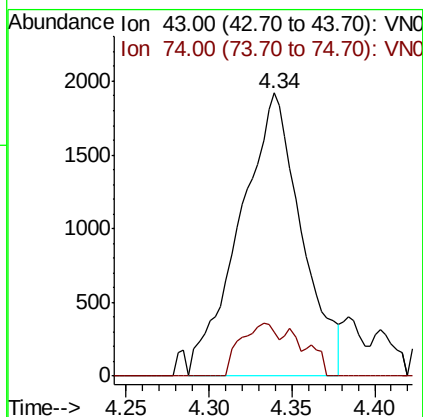
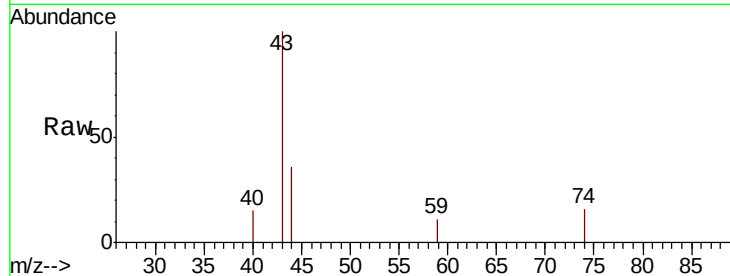




#18
Methyl Acetate
Concen: 0.824 ug/l
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN051426.D
Acq: 23 Sep 2018 21:19

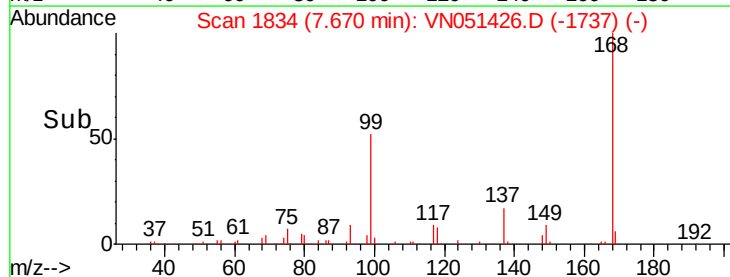
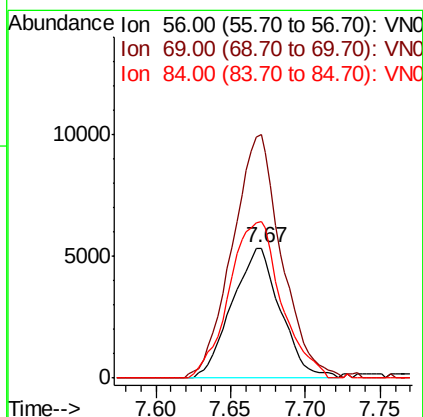
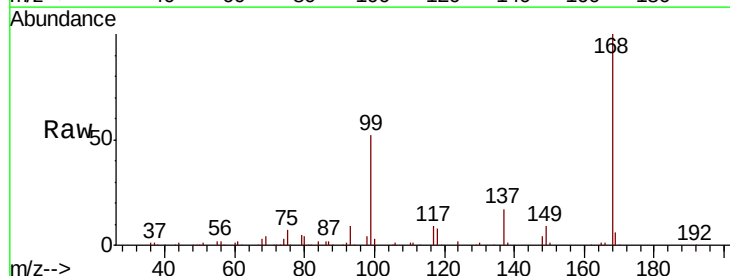
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBL02

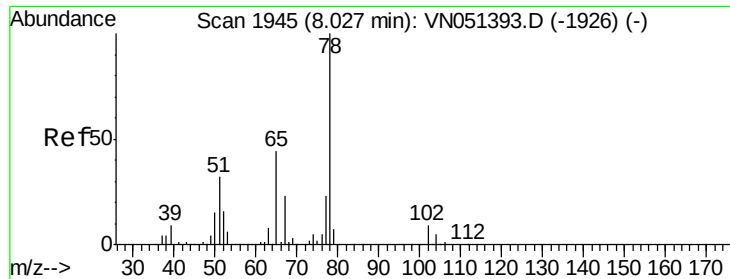
Tgt Ion: 43 Resp: 4946
Ion Ratio Lower Upper
43 100
74 11.1 18.8 28.2#



#31
Cyclohexane
Concen: 0.970 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. 0.01 min
Lab File: VN051426.D
Acq: 23 Sep 2018 21:19

Tgt Ion: 56 Resp: 12039
Ion Ratio Lower Upper
56 100
69 183.7 25.8 38.6#
84 120.3 66.0 99.0#

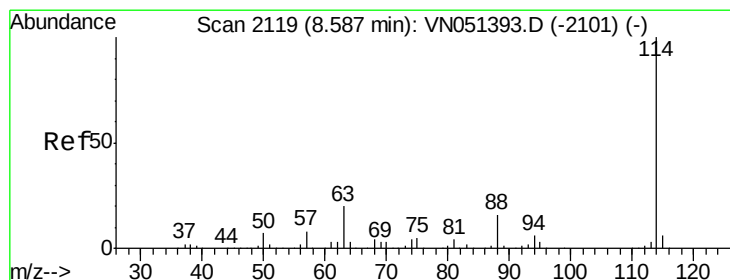
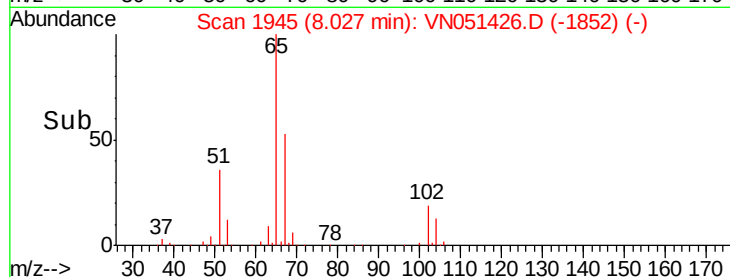
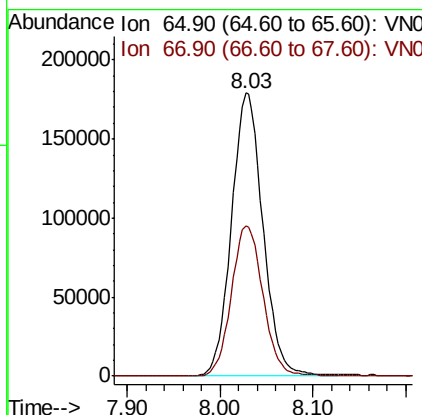
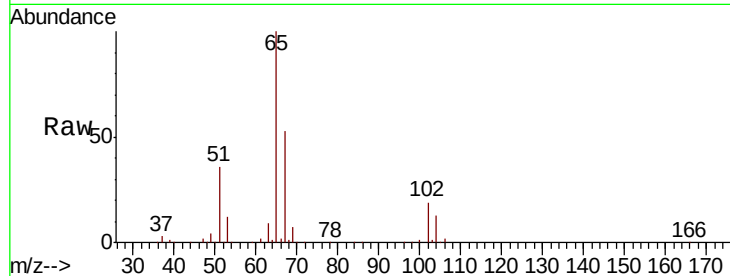




#33
 1,2-Dichloroethane-d4
 Concen: 53.498 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN051426.D
 Acq: 23 Sep 2018 21:19

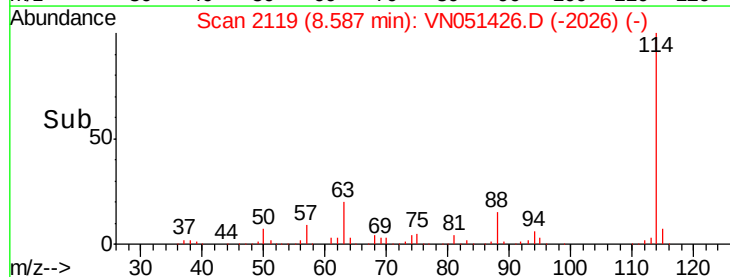
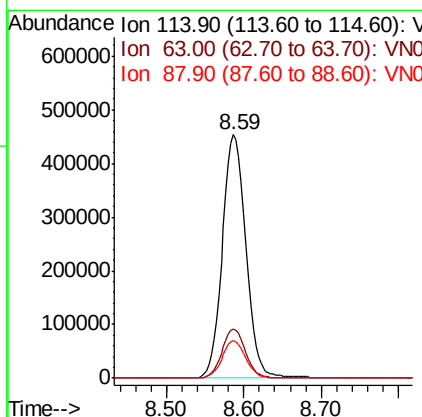
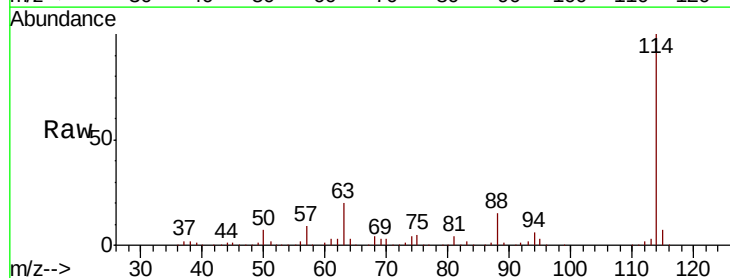
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBL02

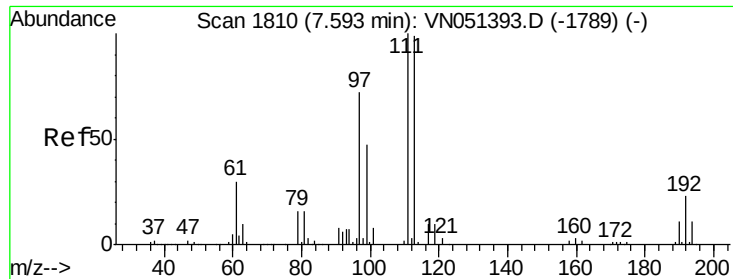
Tgt Ion: 65 Resp: 421762
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051426.D
 Acq: 23 Sep 2018 21:19

Tgt Ion: 114 Resp: 964483
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.2
 88 15.2 0.0 31.4

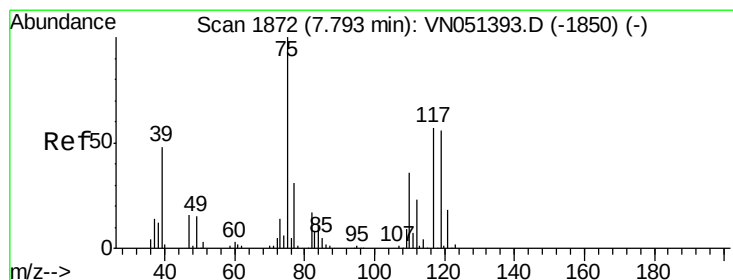
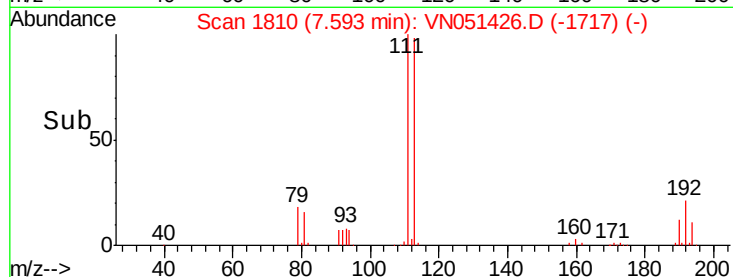
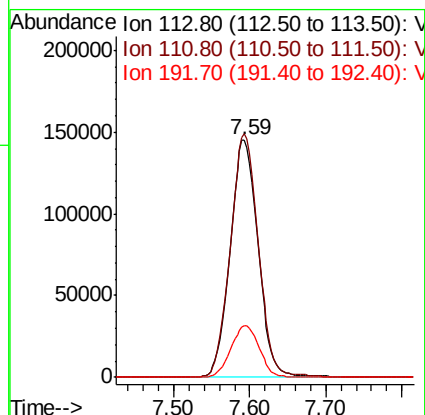
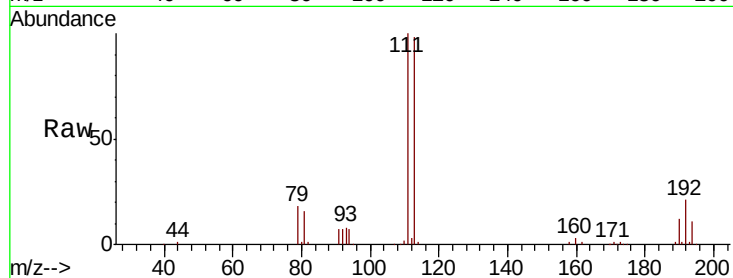




#35
 Dibromofluoromethane
 Concen: 48.216 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN051426.D
 Acq: 23 Sep 2018 21:19

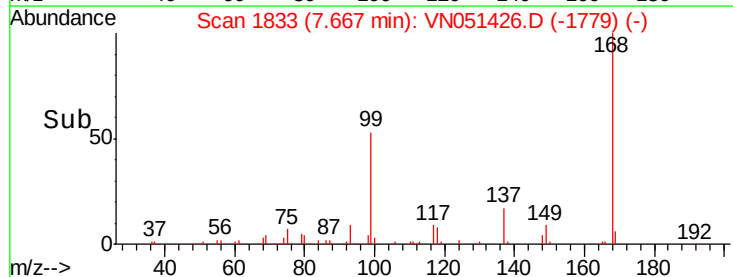
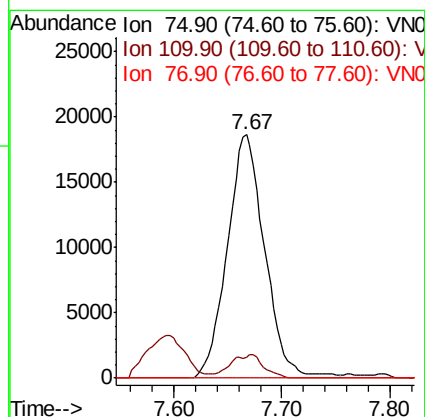
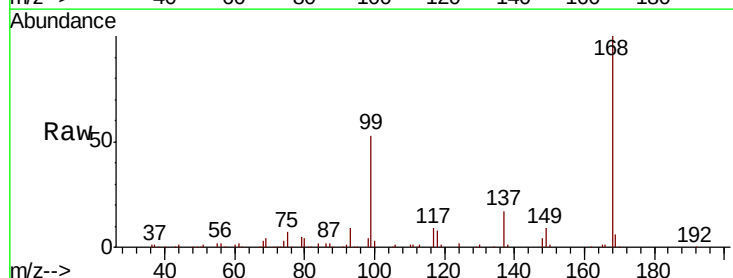
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBL02

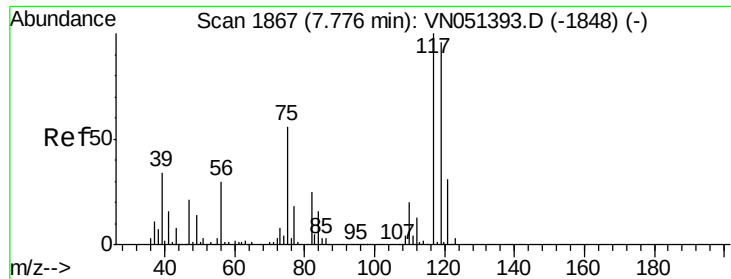
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.6	123.8
192	22.1	18.0	27.0



#36
 1,1-Dichloropropene
 Concen: 4.042 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN051426.D
 Acq: 23 Sep 2018 21:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.1	54.3#
77	0.0	25.6	38.4#





#38

Carbon Tetrachloride

Concen: 4.853 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN051426.D

Acq: 23 Sep 2018 21:19

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBL02

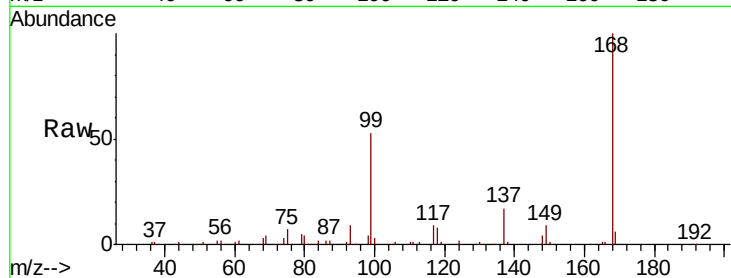
Tgt Ion:117 Resp: 56695

Ion Ratio Lower Upper

117 100

119 5.6 76.9 115.3#

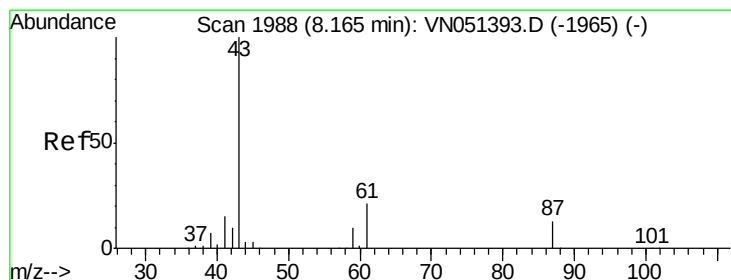
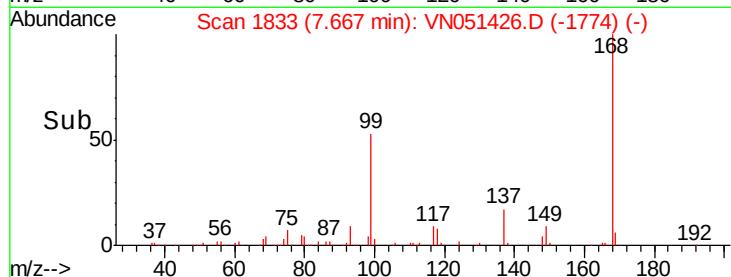
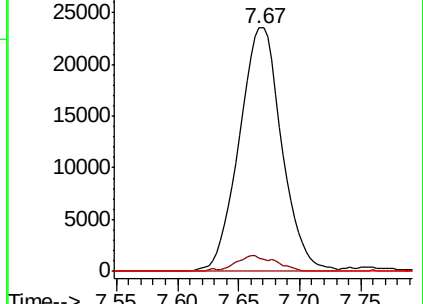
121 0.0 24.6 37.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 4.462 ug/l

RT: 8.27 min Scan# 2020

Delta R.T. 0.10 min

Lab File: VN051426.D

Acq: 23 Sep 2018 21:19

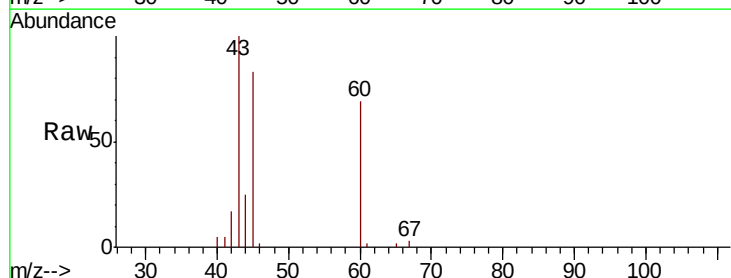
Tgt Ion: 43 Resp: 51811

Ion Ratio Lower Upper

43 100

61 0.0 16.8 25.2#

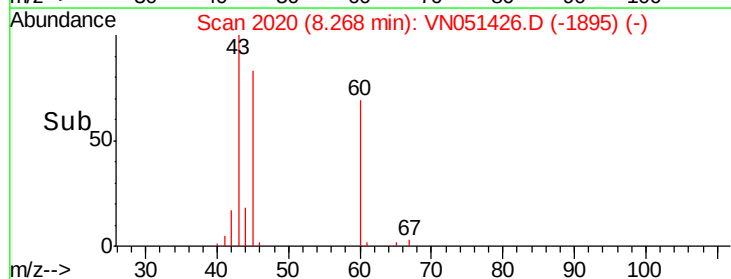
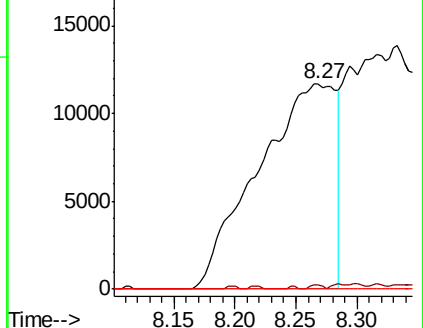
87 0.0 10.7 16.1#

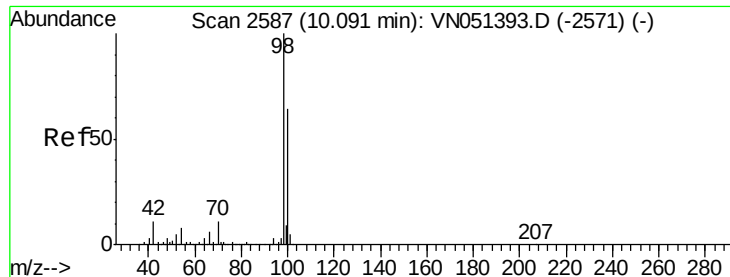


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#50

Toluene-d8

Concen: 46.496 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051426.D

Acq: 23 Sep 2018 21:19

Instrument :

MSVOA_N

ClientSampleId :

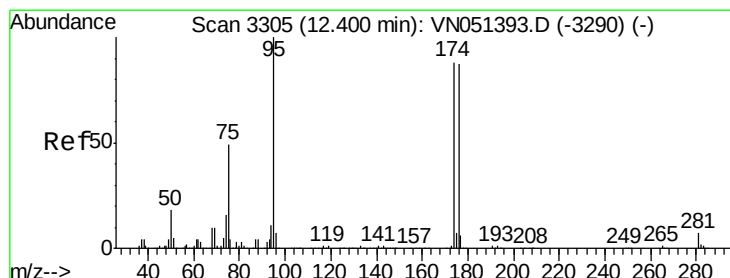
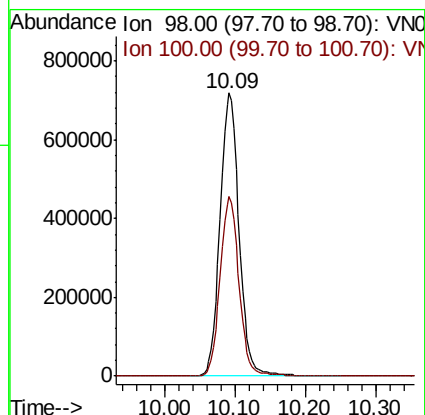
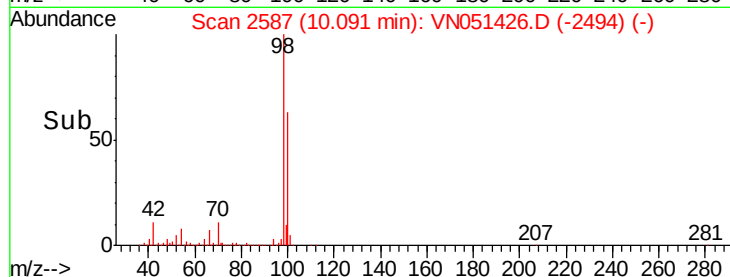
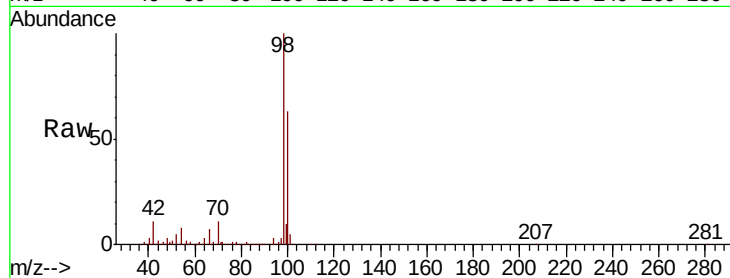
VN0923WBL02

Tgt Ion: 98 Resp: 1350362

Ion Ratio Lower Upper

98 100

100 63.0 50.6 75.8



#62

4-Bromofluorobenzene

Concen: 37.336 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051426.D

Acq: 23 Sep 2018 21:19

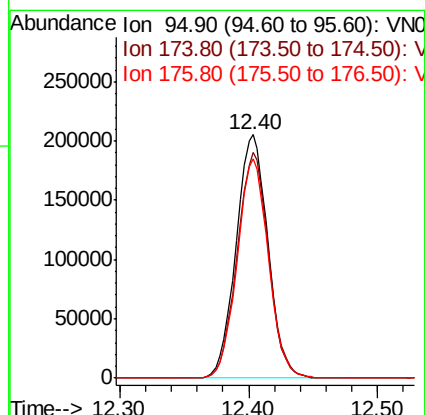
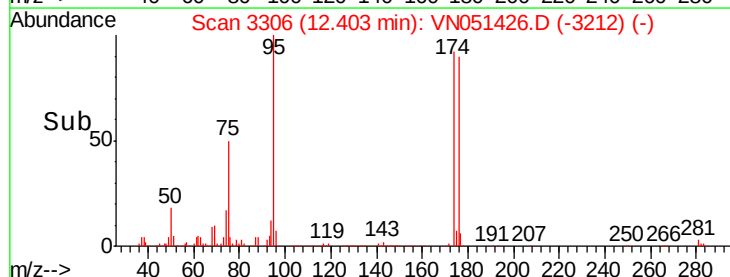
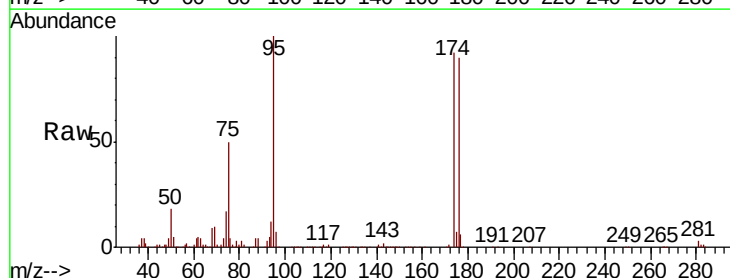
Tgt Ion: 95 Resp: 350784

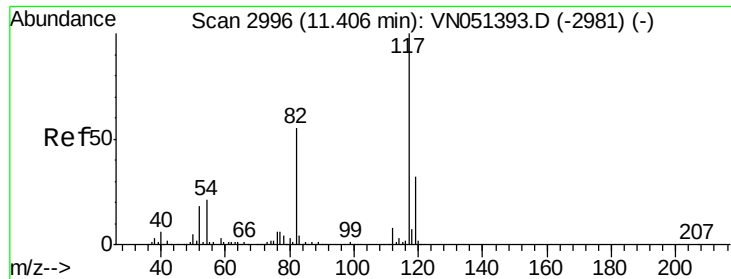
Ion Ratio Lower Upper

95 100

174 92.0 0.0 181.6

176 88.7 0.0 176.4

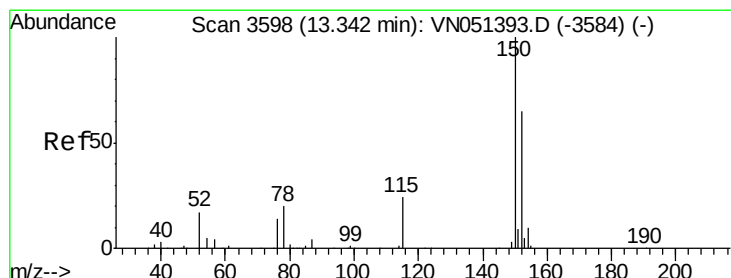
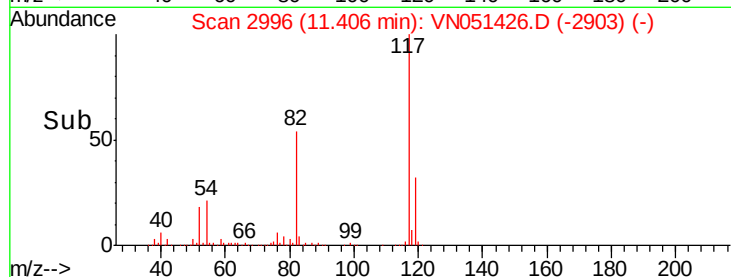
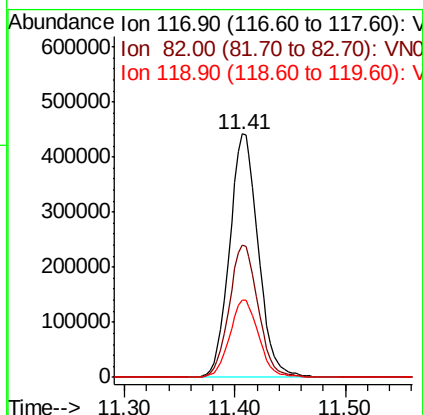
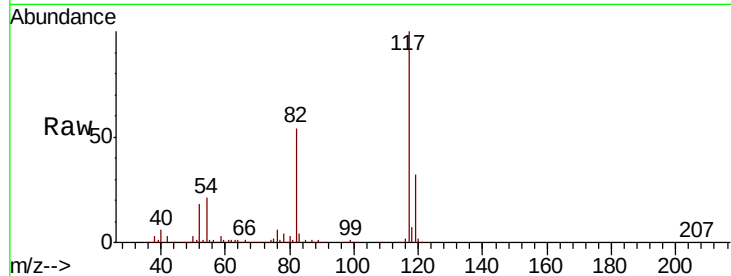




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051426.D
Acq: 23 Sep 2018 21:19

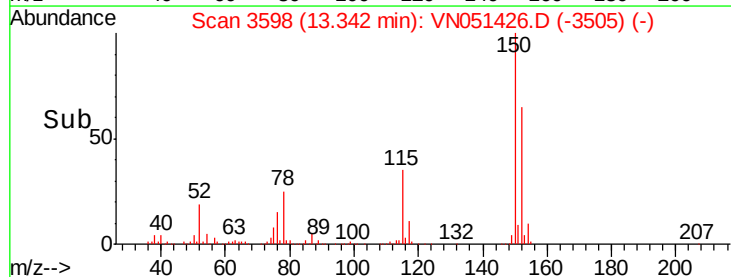
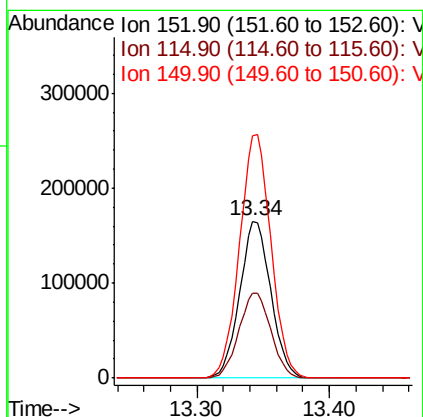
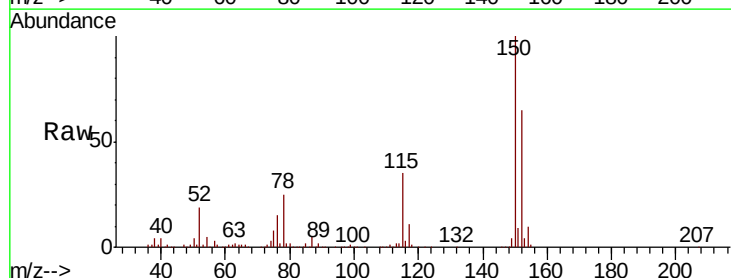
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBL02

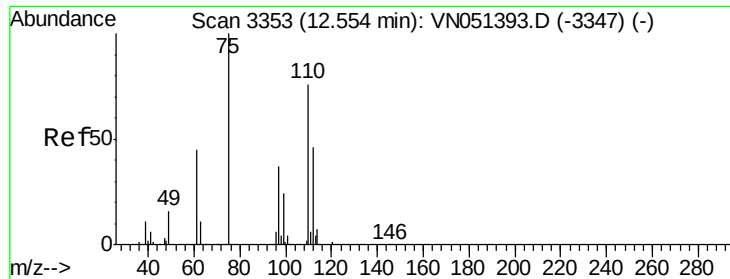
Tgt Ion:117 Resp: 794813
Ion Ratio Lower Upper
117 100
82 54.4 44.2 66.2
119 31.8 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN051426.D
Acq: 23 Sep 2018 21:19

Tgt Ion:152 Resp: 268845
Ion Ratio Lower Upper
152 100
115 55.8 28.3 84.9
150 157.1 0.0 353.6

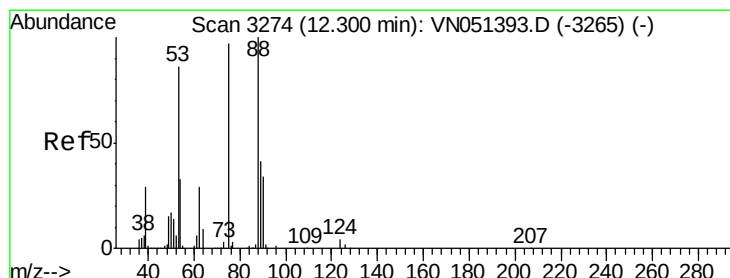
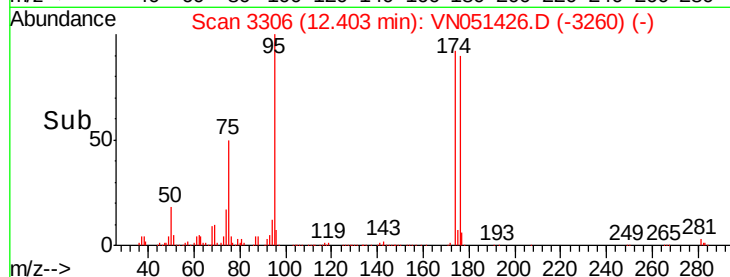
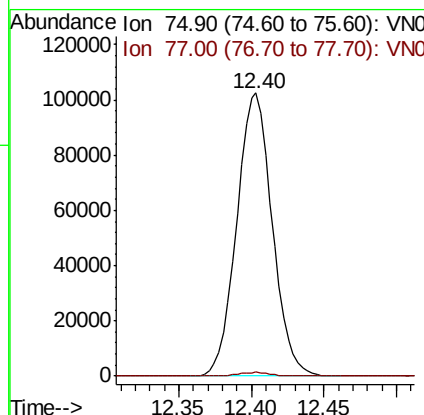
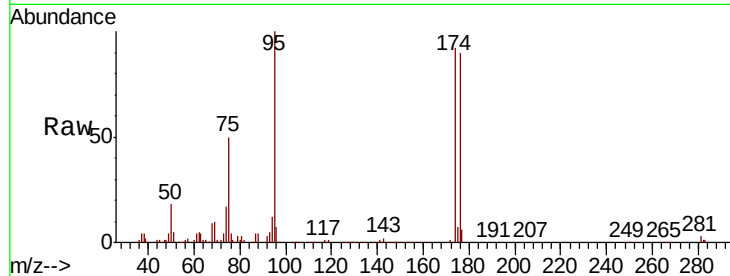




#76
 1,2,3-Trichloropropane
 Concen: 38.999 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. -0.15 min
 Lab File: VN051426.D
 Acq: 23 Sep 2018 21:19

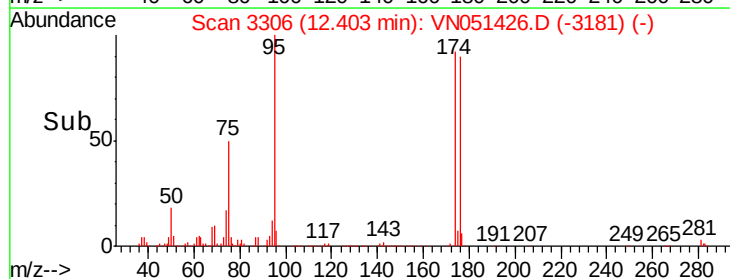
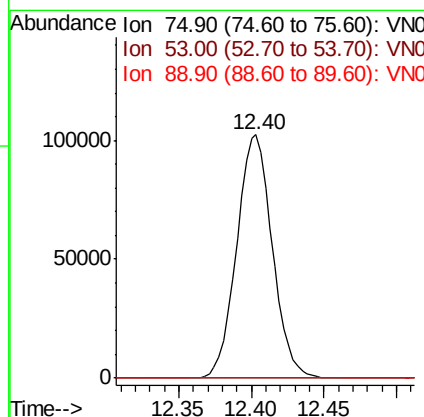
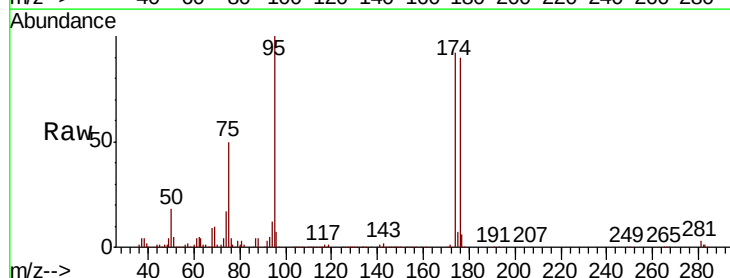
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBL02

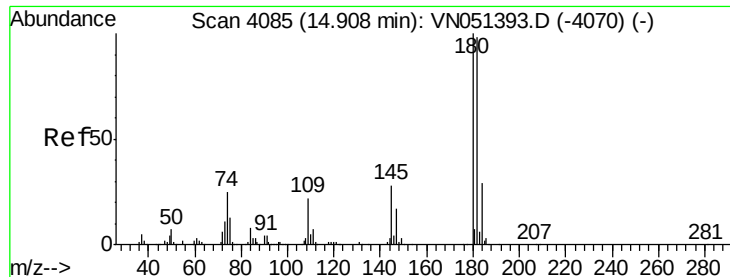
Tgt Ion: 75 Resp: 174054
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 119.920 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN051426.D
 Acq: 23 Sep 2018 21:19

Tgt Ion: 75 Resp: 174054
 Ion Ratio Lower Upper
 75 100
 53 0.2 73.9 110.9#
 89 0.0 36.7 55.1#

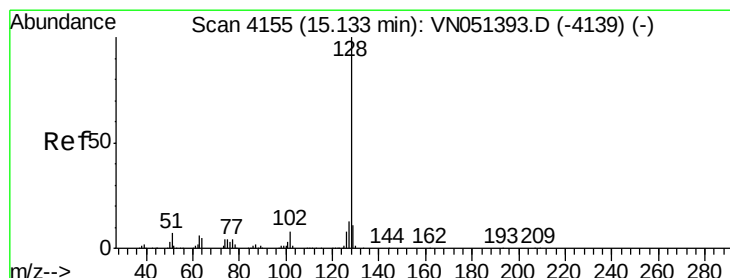
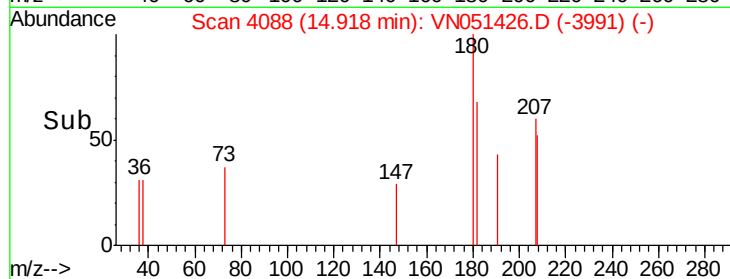
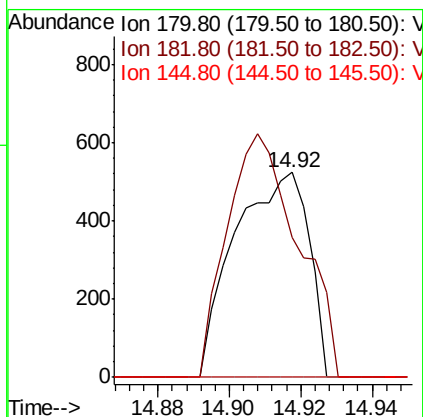
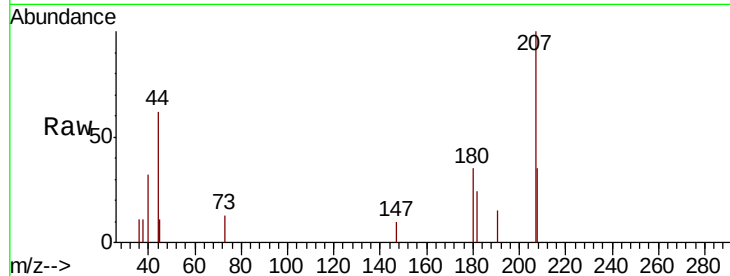




#93
 1,2,4-Trichlorobenzene
 Concen: 6.109 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.01 min
 Lab File: VN051426.D
 Acq: 23 Sep 2018 21:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBL02

Tgt Ion:180 Resp: 751
 Ion Ratio Lower Upper
 180 100
 182 113.7 48.5 145.6
 145 0.0 14.1 42.4#



#95
 Naphthalene
 Concen: 8.213 ug/l
 RT: 15.13 min Scan# 4154
 Delta R.T. -0.00 min
 Lab File: VN051426.D
 Acq: 23 Sep 2018 21:19

Tgt Ion:128 Resp: 2014
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.5 15.7#
 129 3.2 8.6 12.8#

