

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092718\
 Data File : VN051564.D
 Acq On : 27 Sep 2018 5:33
 Operator : MD\SY
 Sample : VN0927WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0927WBL02

Quant Time: Sep 27 09:11:12 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	608913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	959095	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	794195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	275902	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	437303	57.33	ug/l	0.00
Spiked Amount			Recovery	=	114.66%	
35) Dibromofluoromethane	7.59	113	383052	49.95	ug/l	0.00
Spiked Amount			Recovery	=	99.90%	
50) Toluene-d8	10.09	98	1356594	46.97	ug/l	0.00
Spiked Amount			Recovery	=	93.94%	
62) 4-Bromofluorobenzene	12.40	95	352895	37.77	ug/l	0.00
Spiked Amount			Recovery	=	75.54%	

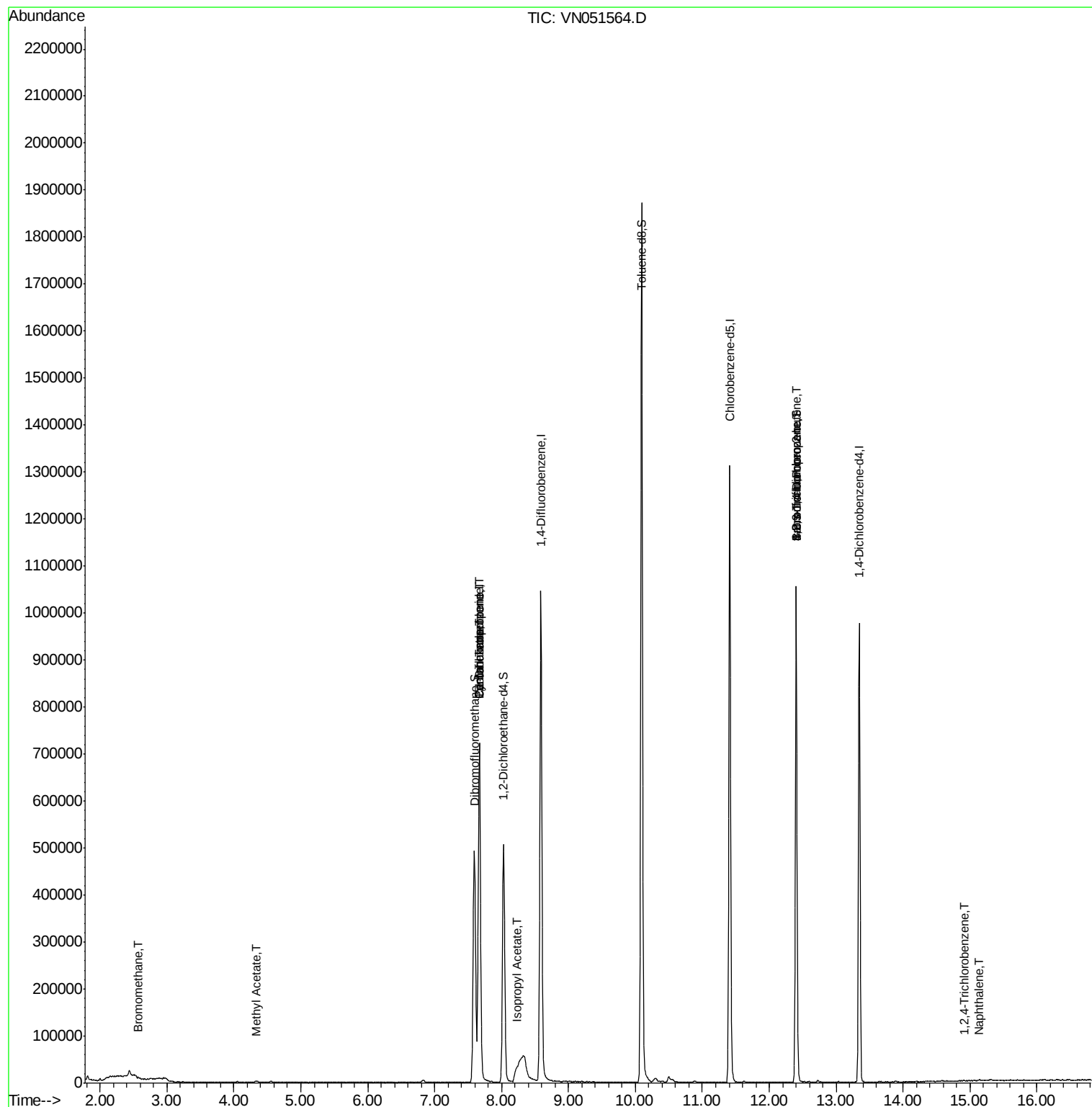
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.57	94	1439	0.299	ug/l	91
8) Diethyl Ether	3.16	74	30	Below Cal	#	1
16) Acetone	3.82	43	1182	Below Cal	#	43
18) Methyl Acetate	4.34	43	4014	0.691	ug/l	96
31) Cyclohexane	7.67	56	11836	0.985	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	44249	3.984	ug/l #	49
38) Carbon Tetrachloride	7.67	117	56595	4.872	ug/l #	16
43) Isopropyl Acetate	8.23	43	23362	2.023	ug/l #	62
71) Bromoform	12.40	173	2727	0.518	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	171818	37.514	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	171818	115.352	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.91	180	686	6.095	ug/l #	88
95) Naphthalene	15.14	128	2225	8.226	ug/l #	78

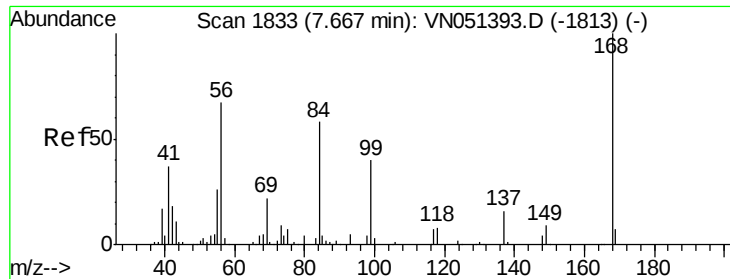
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Sep 24 06:41:32 2018
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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: VN051564.D

Acq: 27 Sep 2018 5:33

Instrument :

MSVOA_N

ClientSampleId :

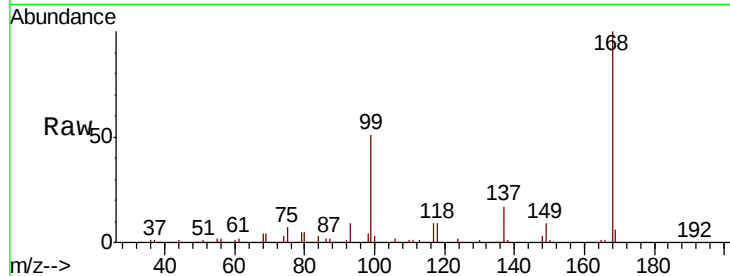
VN0927WBL02

Tot Ion:168 Resp: 608913

Ion Ratio Lower Upper

168 100

99 50.9 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

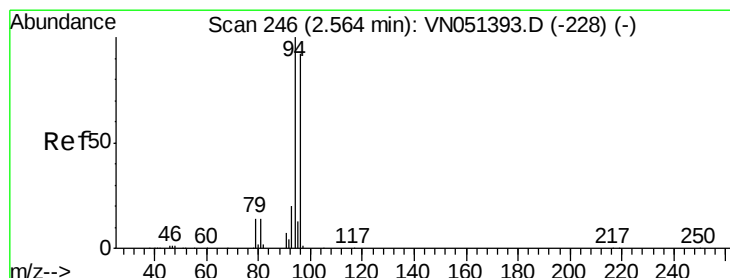
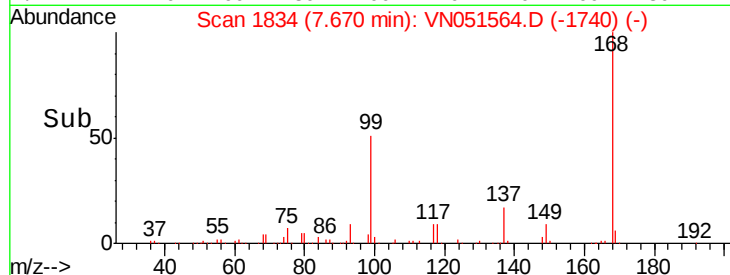
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.299 ug/l

RT: 2.57 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN051564.D

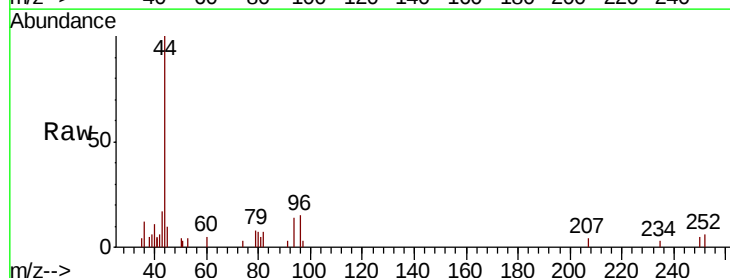
Acq: 27 Sep 2018 5:33

Tgt Ion: 94 Resp: 1439

Ion Ratio Lower Upper

94 100

96 83.6 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

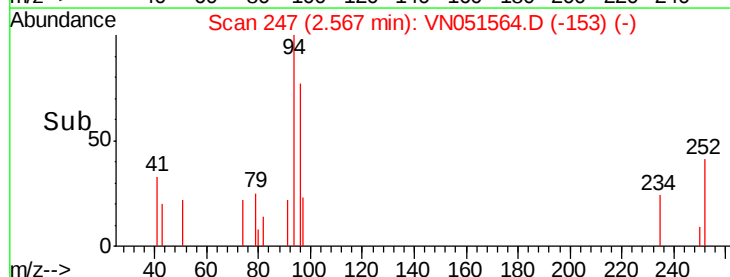
600

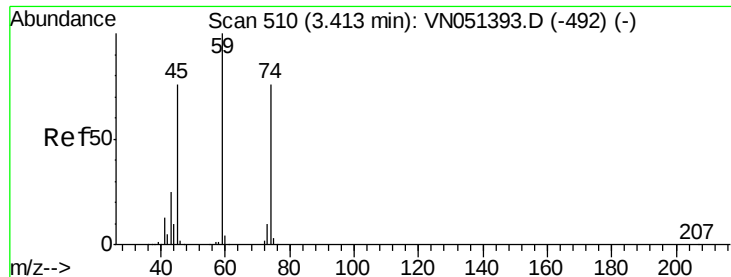
400

200

0

Time-->





#8

Diethyl Ether

Concen: Below Cal

RT: 3.16 min Scan# 431

Delta R.T. -0.25 min

Lab File: VN051564.D

Acq: 27 Sep 2018 5:33

Instrument :

MSVOA_N

ClientSampleId :

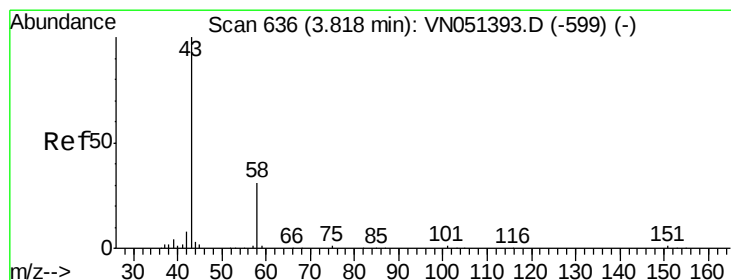
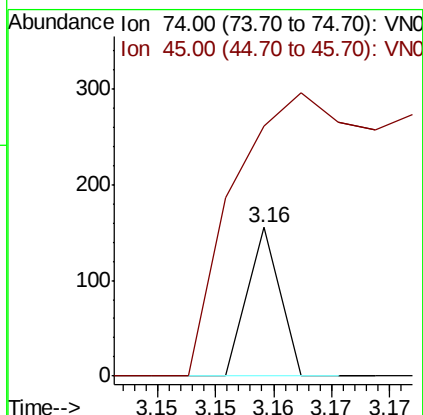
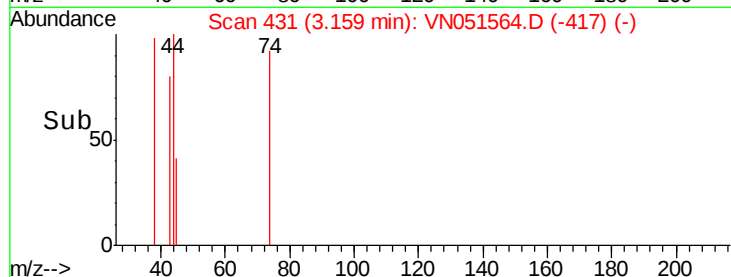
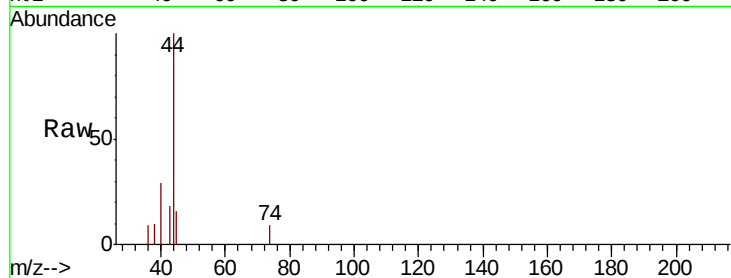
VN0927WBL02

Tot Ion: 74 Resp: 30

Ion Ratio Lower Upper

74 100

45 1486.7 50.2 150.7#



#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN051564.D

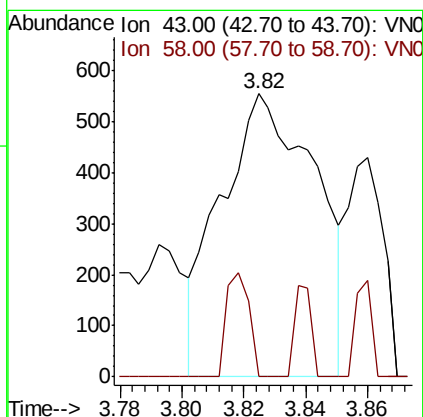
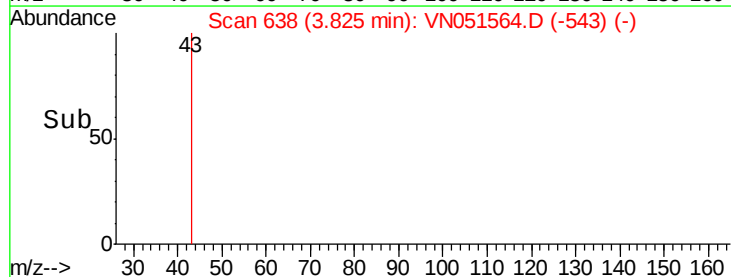
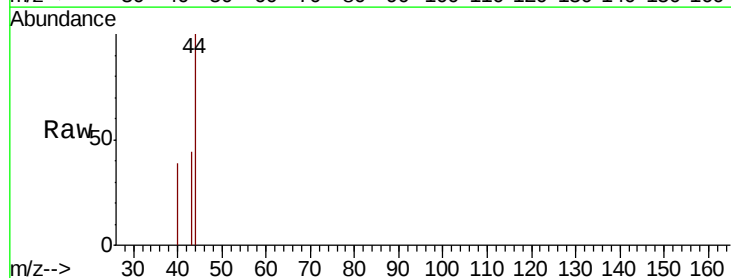
Acq: 27 Sep 2018 5:33

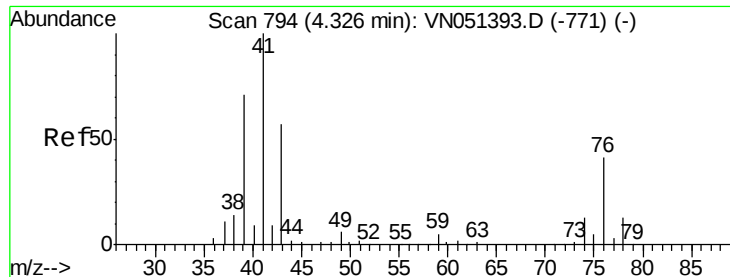
Tgt Ion: 43 Resp: 1182

Ion Ratio Lower Upper

43 100

58 0.0 25.0 37.4#

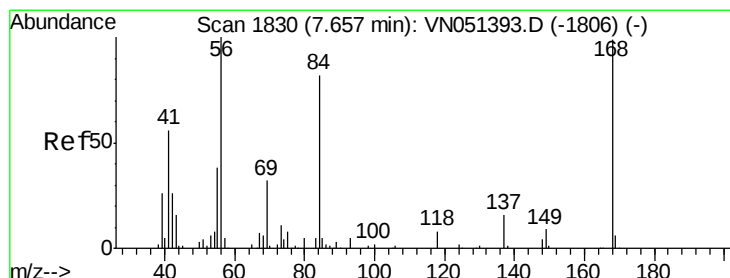
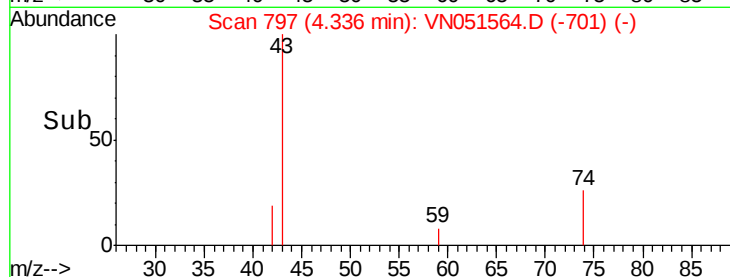
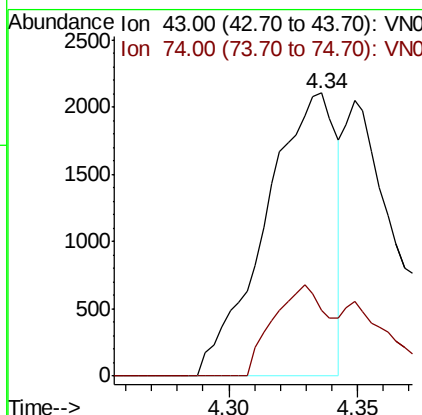
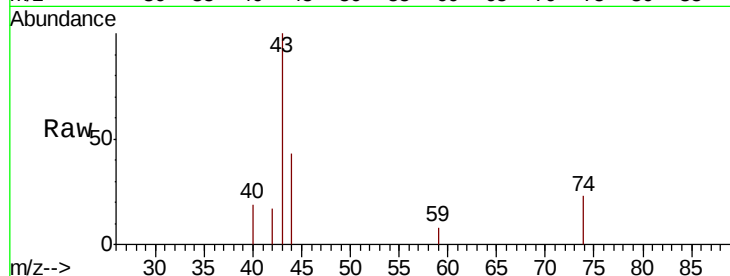




#18
Methvl Acetate
Concen: 0.691 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN051564.D
Acq: 27 Sep 2018 5:33

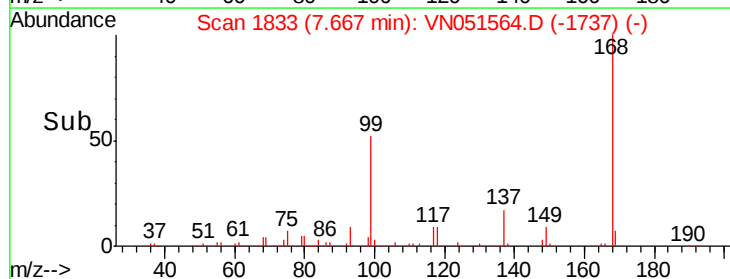
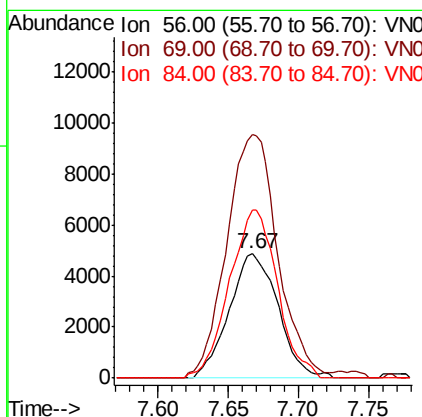
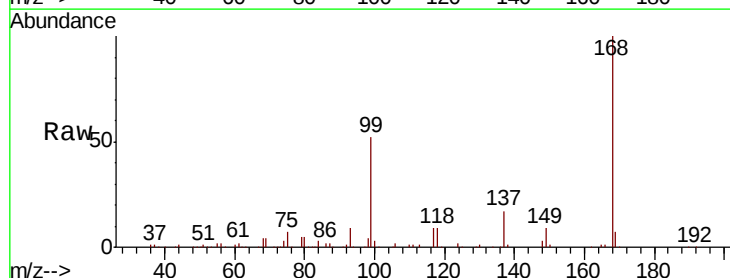
Instrument :
MSVOA_N
ClientSampleId :
VN0927WBL02

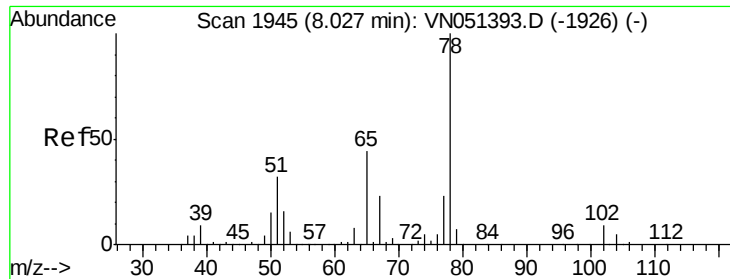
Tot Ion: 43 Resp: 4014
Ion Ratio Lower Upper
43 100
74 25.3 18.8 28.2



#31
Cyclohexane
Concen: 0.985 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN051564.D
Acq: 27 Sep 2018 5:33

Tgt Ion: 56 Resp: 11836
Ion Ratio Lower Upper
56 100
69 191.9 25.8 38.6#
84 135.3 66.0 99.0#

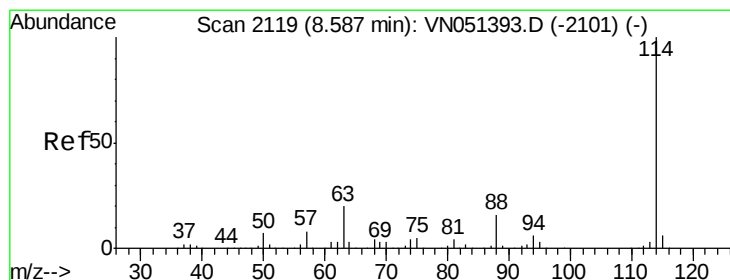
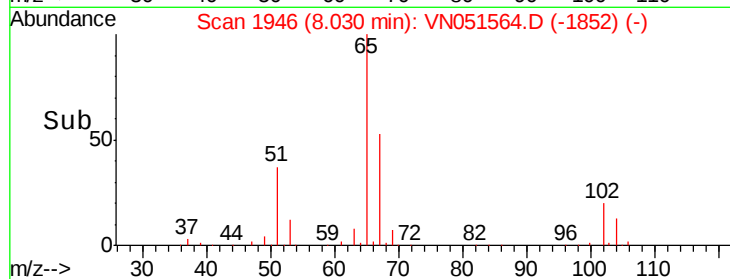
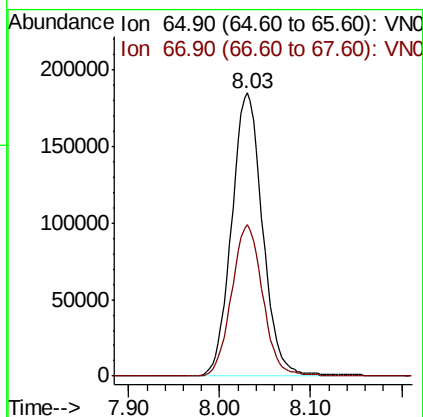
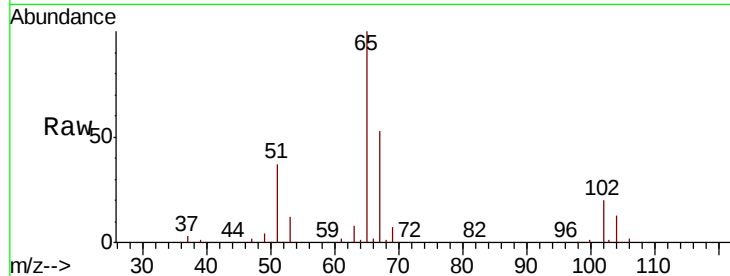




#33
 1,2-Dichloroethane-d4
 Concen: 57.331 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051564.D
 Acq: 27 Sep 2018 5:33

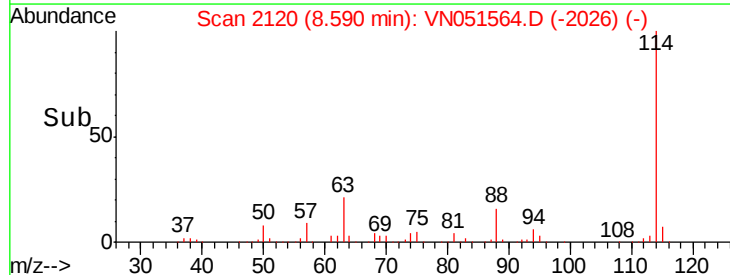
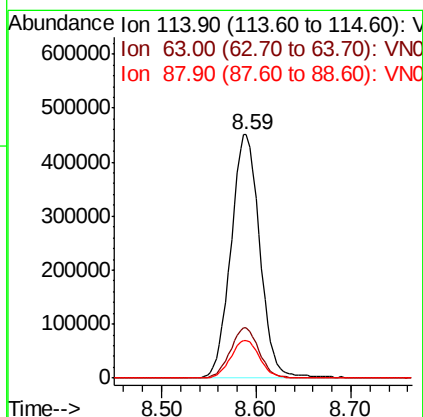
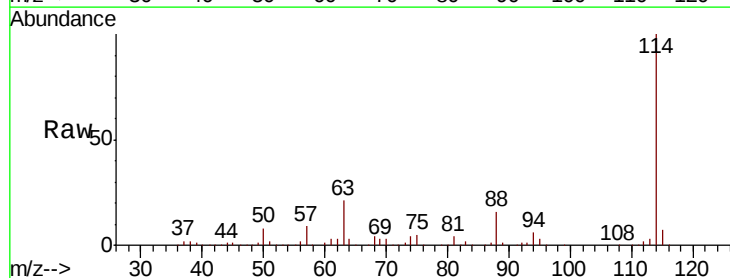
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0927WBL02

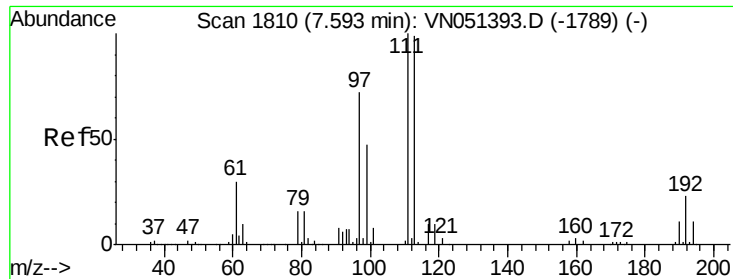
Tot Ion: 65 Resp: 437303
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: VN051564.D
 Acq: 27 Sep 2018 5:33

Tgt Ion: 114 Resp: 959095
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.2
 88 15.6 0.0 31.4

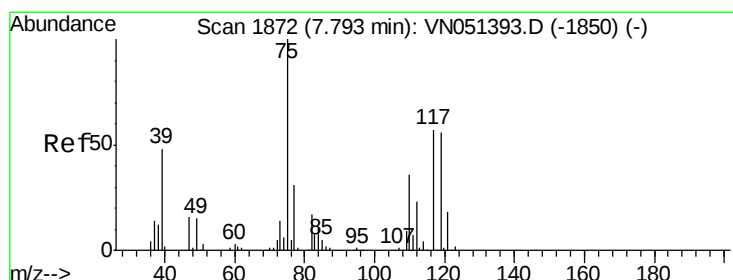
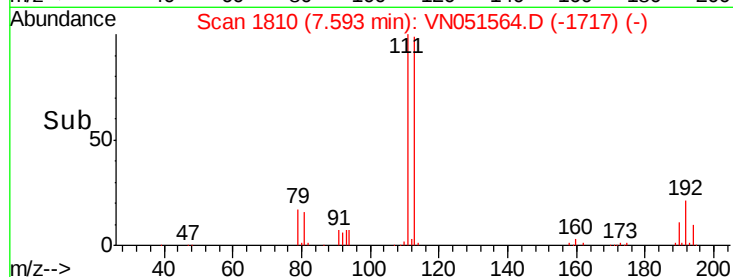
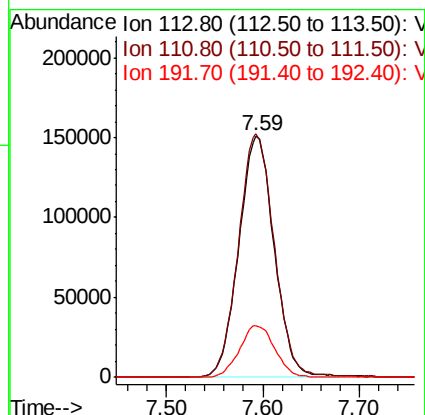
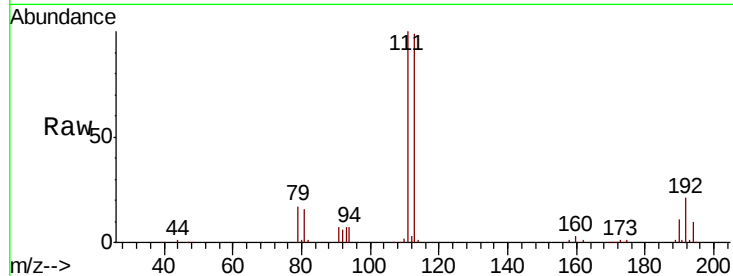




#35
 Dibromofluoromethane
 Concen: 49.945 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN051564.D
 Acq: 27 Sep 2018 5:33

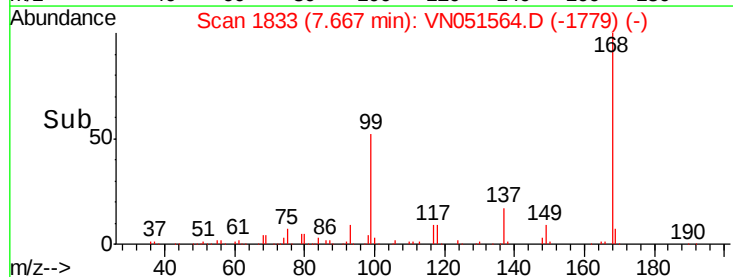
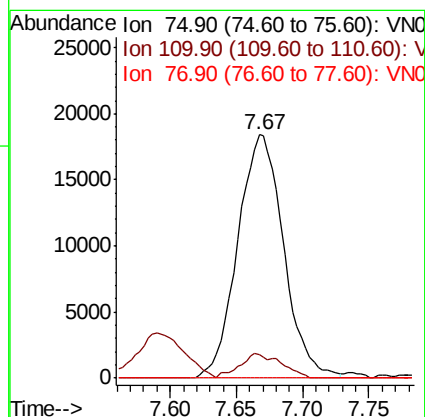
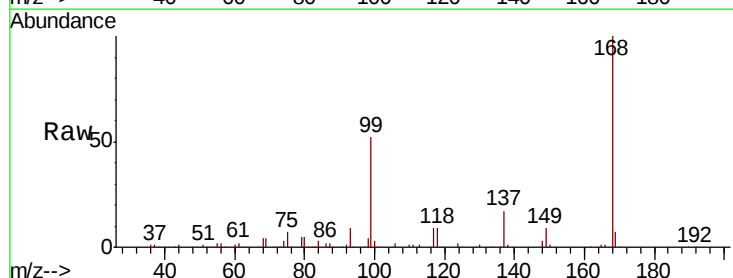
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0927WBL02

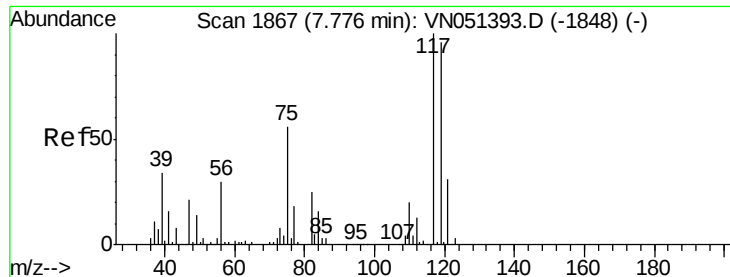
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.6	123.8
192	21.5	18.0	27.0



#36
 1,1-Dichloropropene
 Concen: 3.984 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN051564.D
 Acq: 27 Sep 2018 5:33

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.1	54.3#
77	0.0	25.6	38.4#





#38

Carbon Tetrachloride

Concen: 4.872 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN051564.D

Acq: 27 Sep 2018 5:33

Instrument :

MSVOA_N

ClientSampleId :

VN0927WBL02

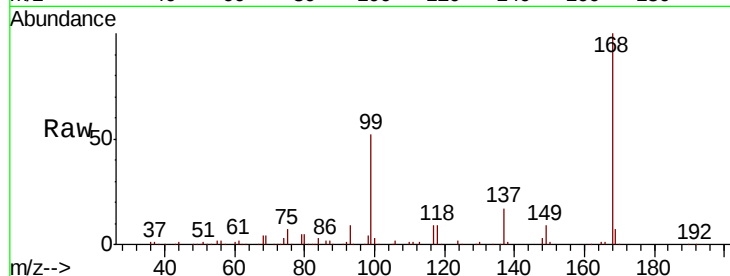
Tot Ion:117 Resp: 56595

Ion Ratio Lower Upper

117 100

119 5.3 76.9 115.3#

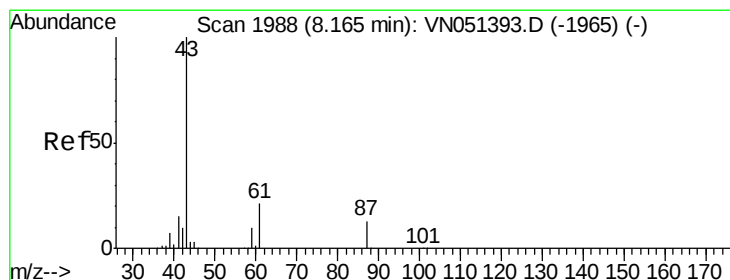
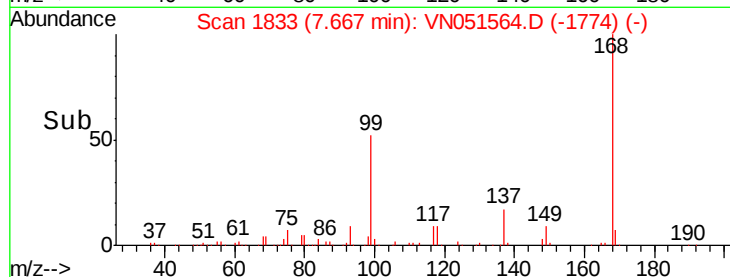
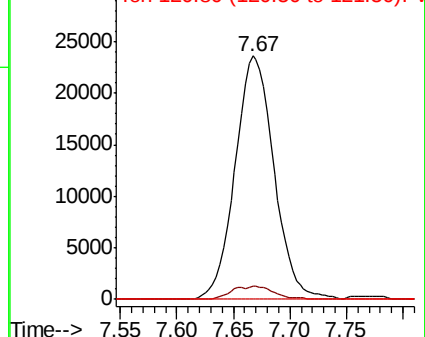
121 0.0 24.6 37.0#



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: 2.023 ug/l

RT: 8.23 min Scan# 2007

Delta R.T. 0.06 min

Lab File: VN051564.D

Acq: 27 Sep 2018 5:33

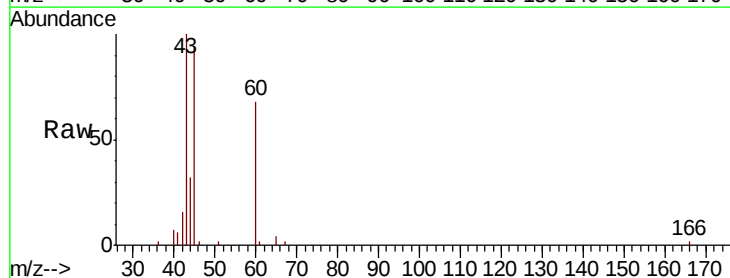
Tgt Ion: 43 Resp: 23362

Ion Ratio Lower Upper

43 100

61 1.5 16.8 25.2#

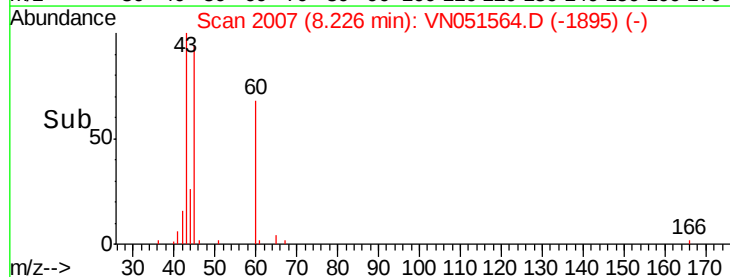
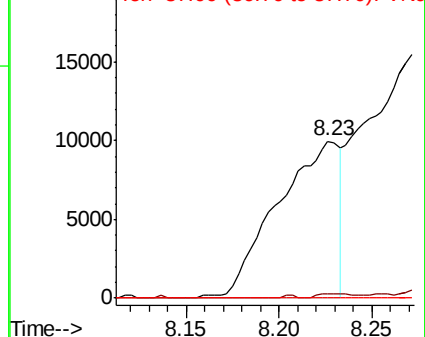
87 0.0 10.7 16.1#

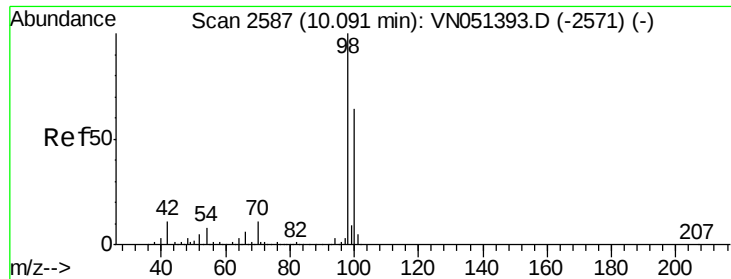


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 46.973 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051564.D

Acq: 27 Sep 2018 5:33

Instrument :

MSVOA_N

ClientSampleId :

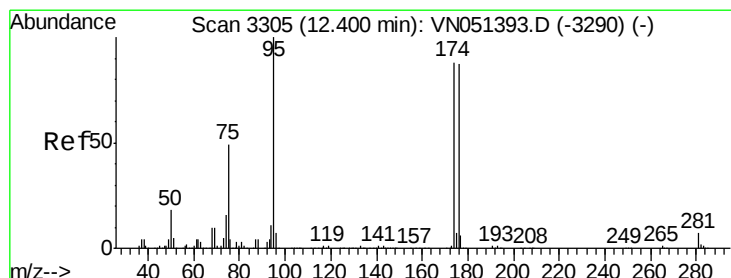
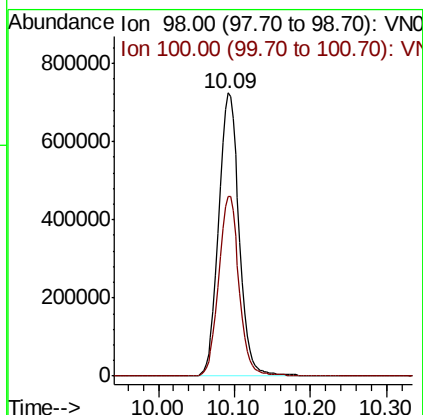
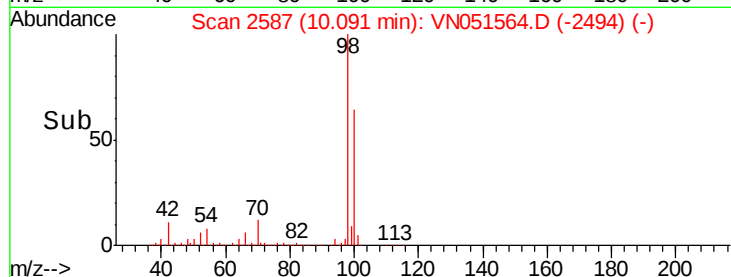
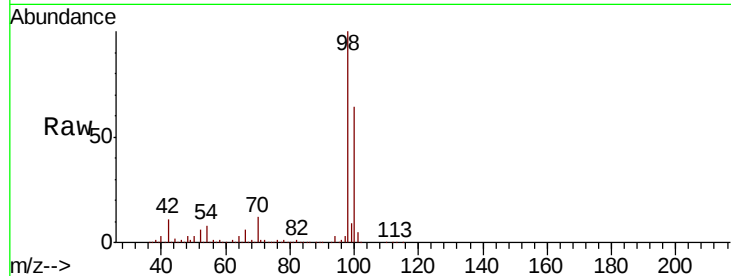
VN0927WBL02

Tot Ion: 98 Resp: 1356594

Ion Ratio Lower Upper

98 100

100 63.2 50.6 75.8



#62

4-Bromofluorobenzene

Concen: 37.772 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051564.D

Acq: 27 Sep 2018 5:33

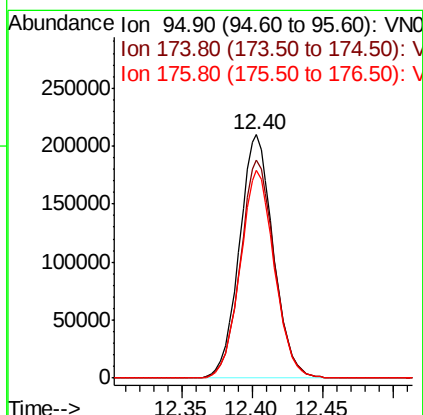
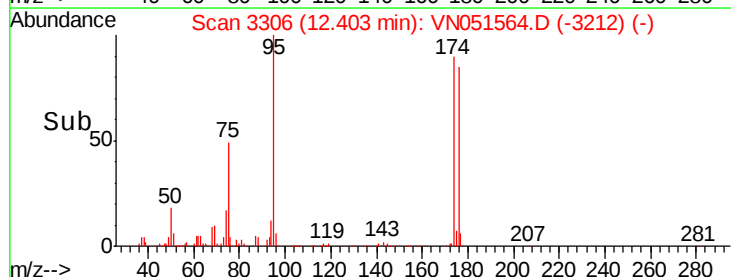
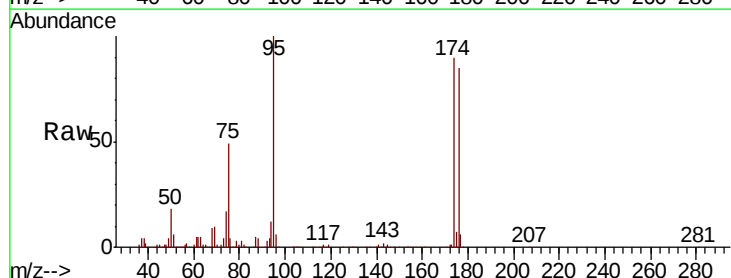
Tgt Ion: 95 Resp: 352895

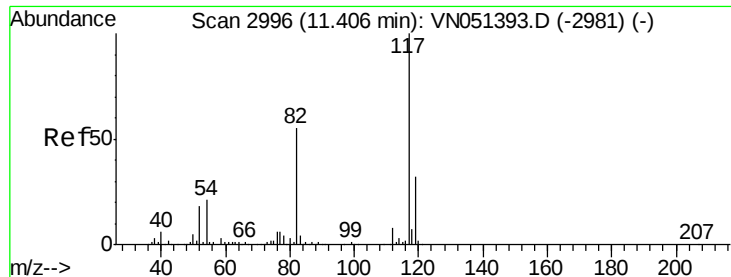
Ion Ratio Lower Upper

95 100

174 90.2 0.0 181.6

176 85.9 0.0 176.4

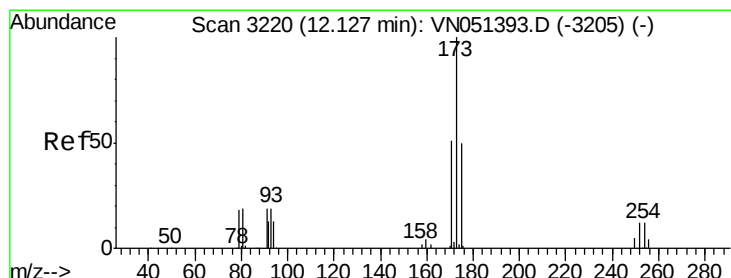
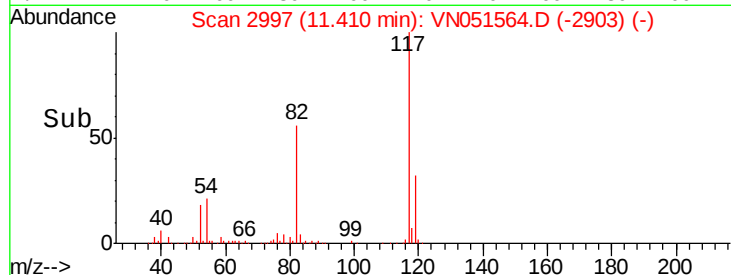
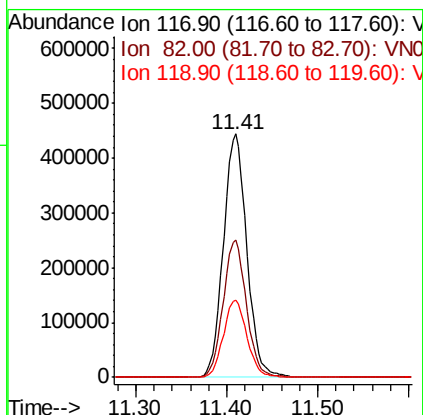
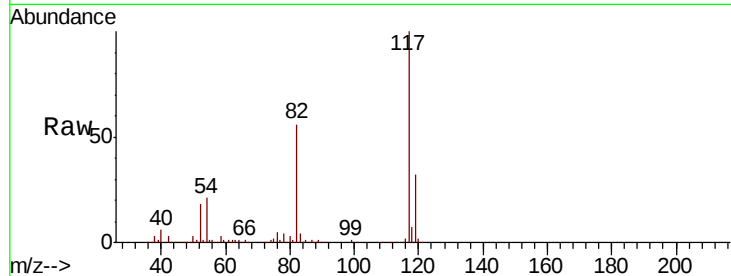




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051564.D
Acq: 27 Sep 2018 5:33

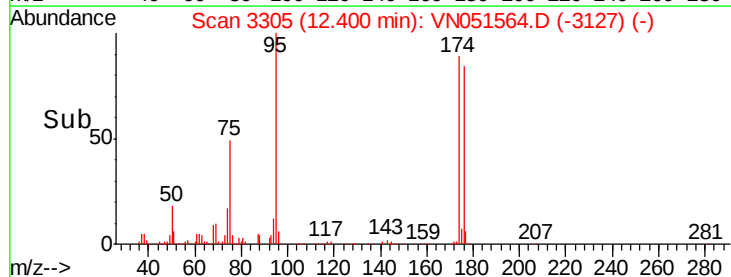
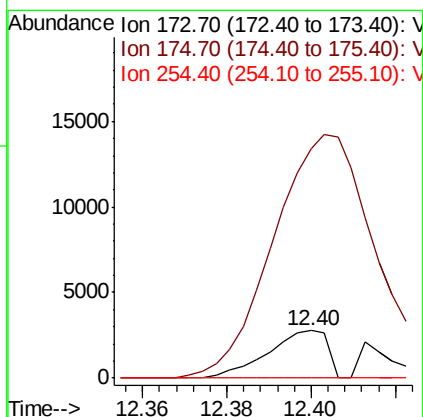
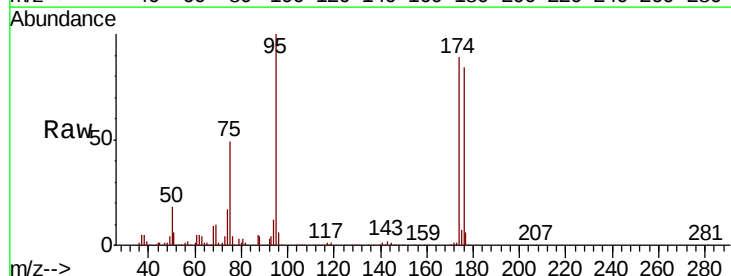
Instrument :
MSVOA_N
ClientSampleId :
VN0927WBL02

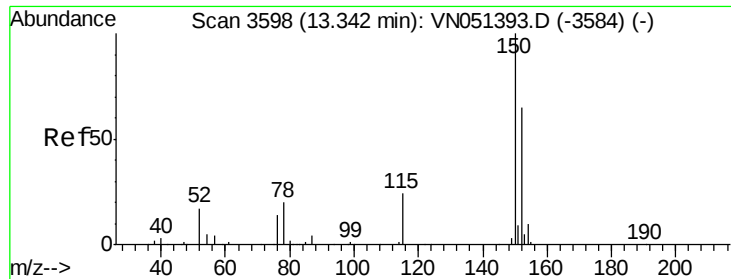
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.2	44.2	66.2
119	31.7	25.9	38.9



#71
Bromoform
Concen: 0.518 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN051564.D
Acq: 27 Sep 2018 5:33

Tgt Ion	Ratio	Lower	Upper
173	100		
175	736.2	24.8	74.3#
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: VN051564.D

Acq: 27 Sep 2018 5:33

Instrument :

MSVOA_N

ClientSampleId :

VN0927WBL02

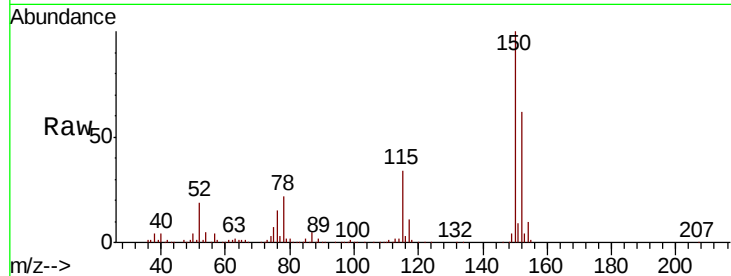
Tot Ion:152 Resp: 275902

Ion Ratio Lower Upper

152 100

115 55.3 28.3 84.9

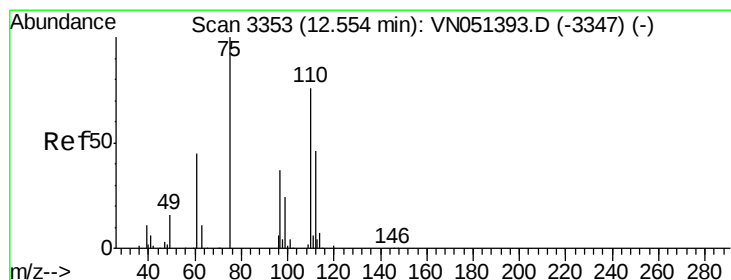
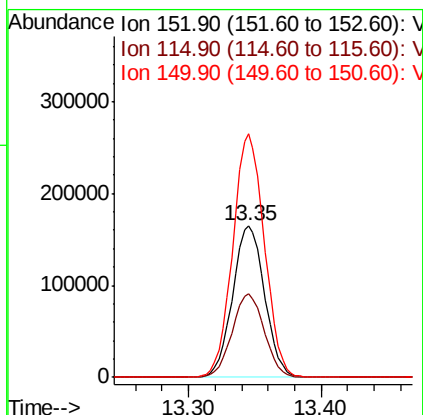
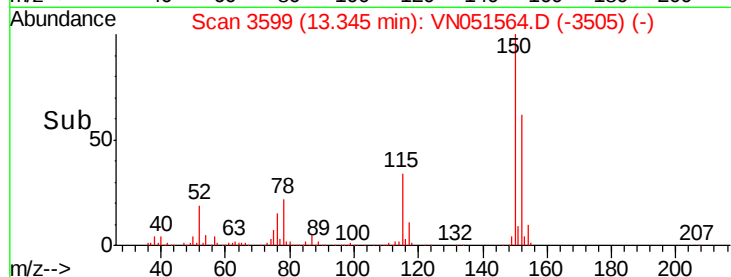
150 158.3 0.0 353.6



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: 37.514 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN051564.D

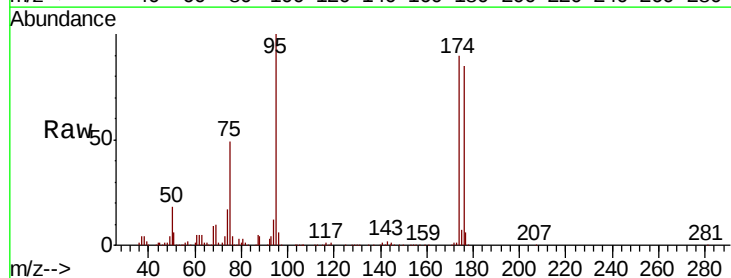
Acq: 27 Sep 2018 5:33

Tgt Ion: 75 Resp: 171818

Ion Ratio Lower Upper

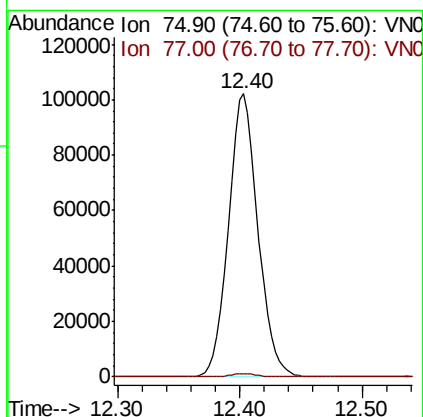
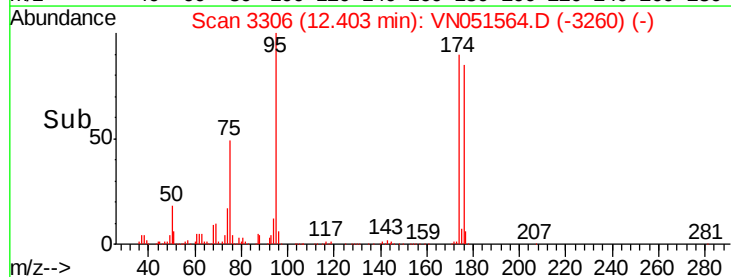
75 100

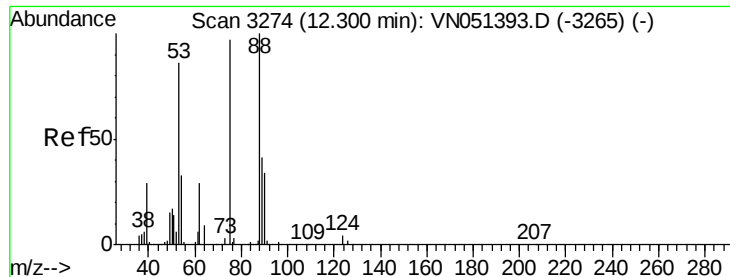
77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#81

trans-1,4-Dichloro-2-butene

Concen: 115.352 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN051564.D

Acq: 27 Sep 2018 5:33

Instrument :

MSVOA_N

ClientSampled :

VN0927WBL02

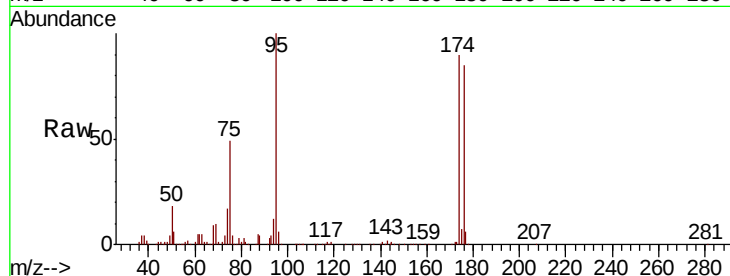
Tot Ion: 75 Resp: 171818

Ion Ratio Lower Upper

75 100

53 0.1 73.9 110.9#

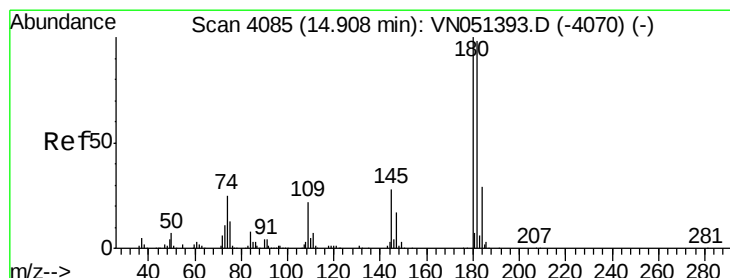
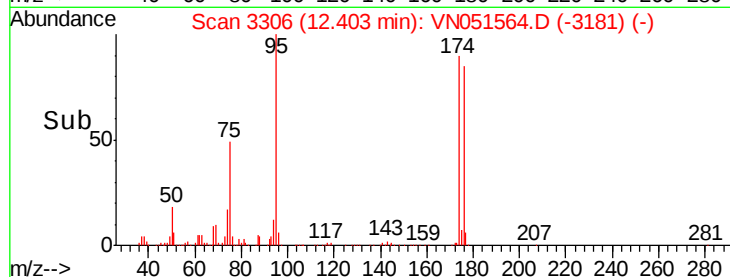
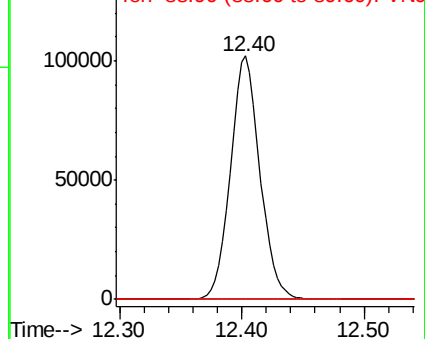
89 0.0 36.7 55.1#



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



#93

1,2,4-Trichlorobenzene

Concen: 6.095 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.01 min

Lab File: VN051564.D

Acq: 27 Sep 2018 5:33

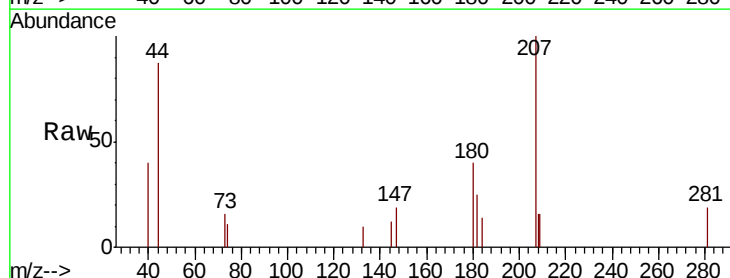
Tgt Ion: 180 Resp: 686

Ion Ratio Lower Upper

180 100

182 91.3 48.5 145.6

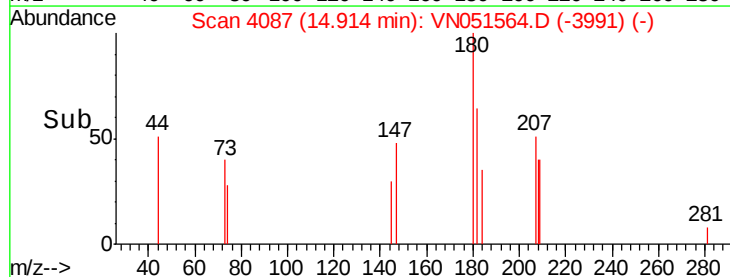
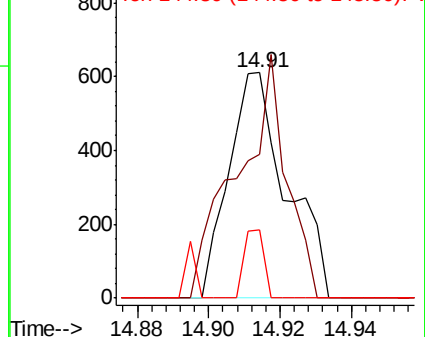
145 10.3 14.1 42.4#

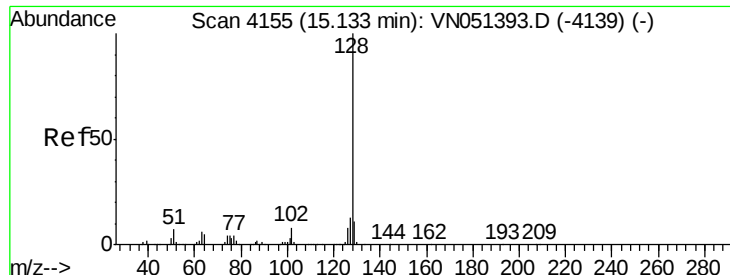


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 8.226 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN051564.D

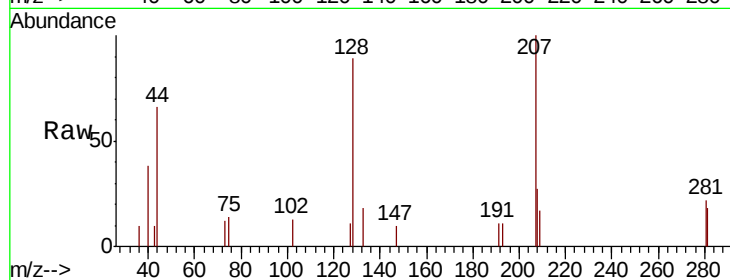
Acq: 27 Sep 2018 5:33

Instrument :

MSVOA_N

ClientSampleId :

VN0927WBL02



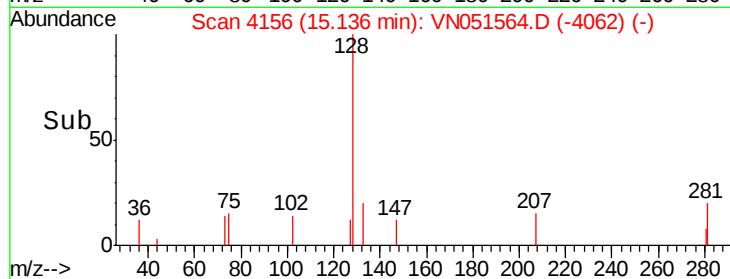
Tot Ion:128 Resp: 2225

Ion Ratio Lower Upper

128 100

127 6.5 10.5 15.7#

129 0.0 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

