

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN092115\
 Data File : VN027351.D
 Acq On : 22 Sep 2015 1:35
 Operator : MD\FY
 Sample : G3754-10
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB

Quant Time: Sep 22 03:43:13 2015
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N092115W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 21 13:12:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.75	168	687529	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1255410	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1057639	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	353620	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) 1,2-Dichloroethane-d4	8.12	65	706504	52.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.98%	
36) Dibromofluoromethane	7.68	113	443659	54.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.32%	
51) Toluene-d8	10.19	98	1828136	57.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.46%	
63) 4-Bromofluorobenzene	12.52	95	597057	51.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.80%	

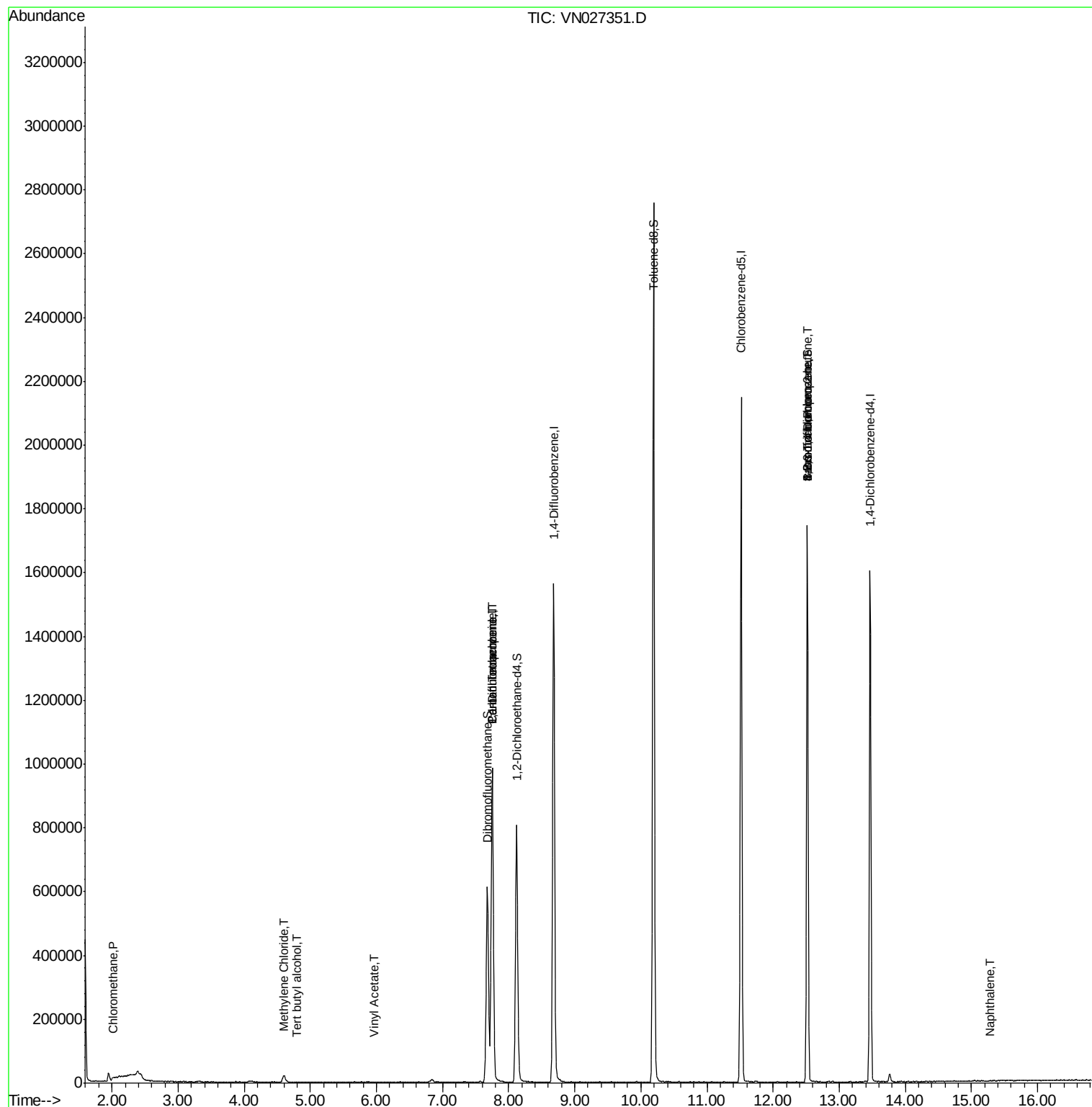
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Chloromethane	2.01	50	1759	0.22	ug/l #	83
12) Tert butyl alcohol	4.79	59	407	0.38	ug/l #	74
21) Methylene Chloride	4.60	84	13796	1.42	ug/l	92
24) Vinyl Acetate	5.96	43	274	9.30	ug/l #	76
32) Cyclohexane	7.75	56	22435	Below Cal	#	9
37) 1,1-Dichloropropene	7.75	75	73002	5.40	ug/l #	51
39) Carbon Tetrachloride	7.75	117	80286	6.31	ug/l #	15
72) Bromoform	12.52	173	3566	0.70	ug/l #	1
77) 1,2,3-Trichloropropane	12.52	75	351453	39.59	ug/l #	1
82) trans-1,4-Dichloro-2-buten	12.52	75	351453	101.51	ug/l #	4
96) Naphthalene	15.28	128	209	3.83	ug/l #	69

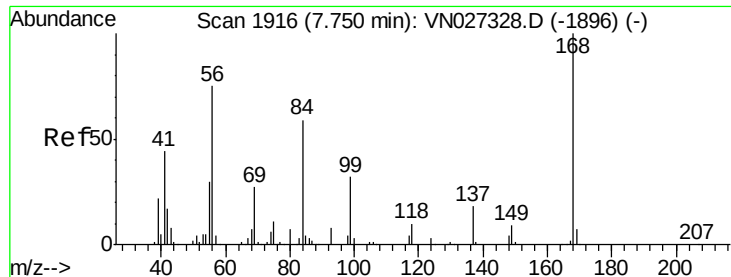
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N092115W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 21 13:12:32 2015
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VN027351.D

Acq: 22 Sep 2015 1:35

Instrument :

MSVOA_N

ClientSampled :

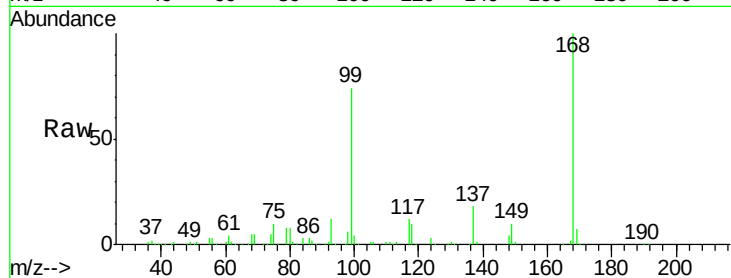
TB

Tgt Ion:168 Resp: 687529

Ion Ratio Lower Upper

168 100

99 73.8 50.4 75.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.75

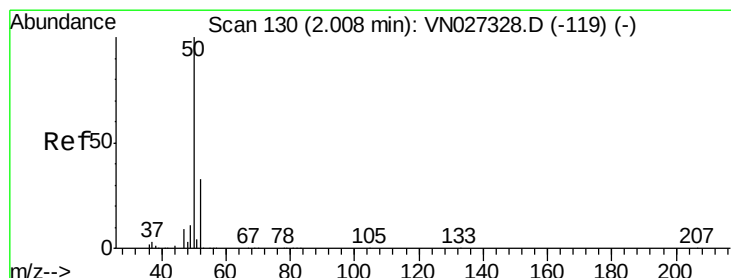
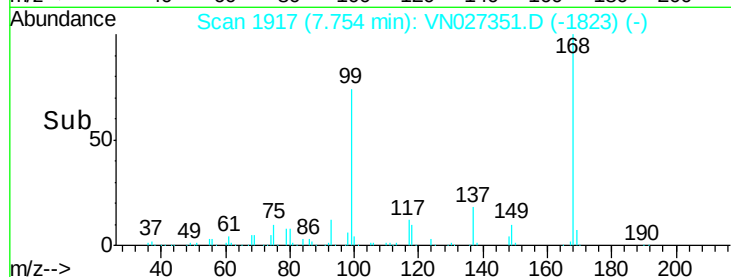
300000

200000

100000

0

Time-->



#4

Chloromethane

Concen: 0.22 ug/l

RT: 2.01 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN027351.D

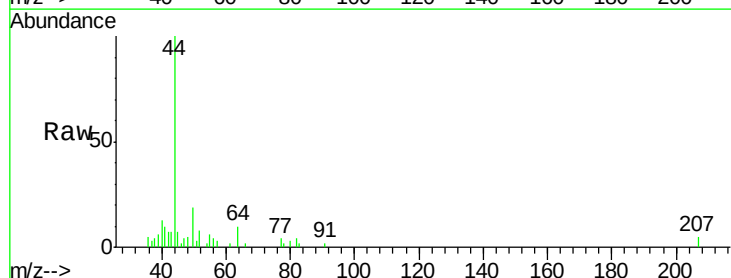
Acq: 22 Sep 2015 1:35

Tgt Ion: 50 Resp: 1759

Ion Ratio Lower Upper

50 100

52 42.1 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

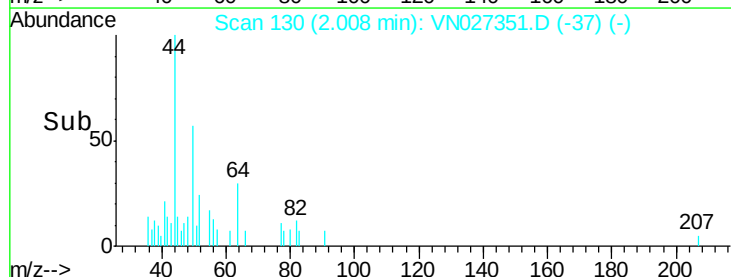
2.01

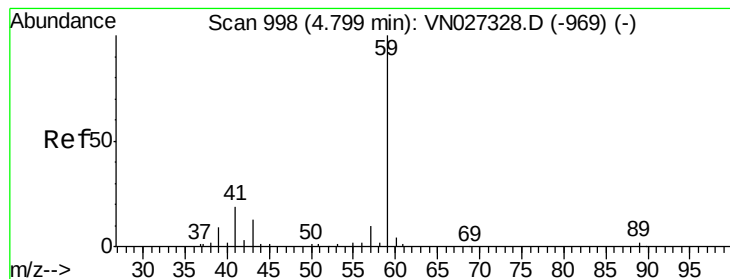
1000

500

0

Time-->



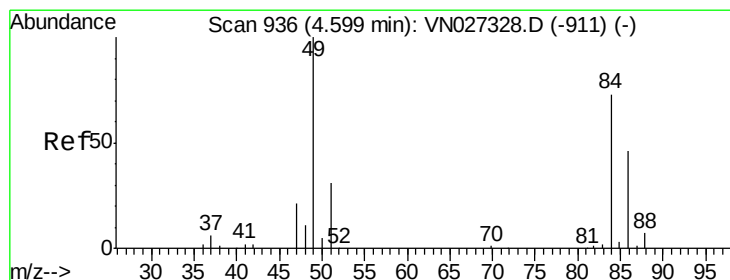
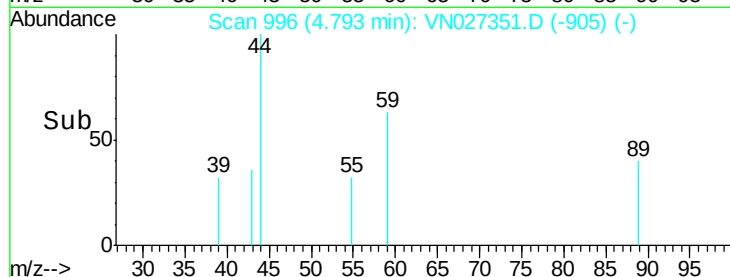
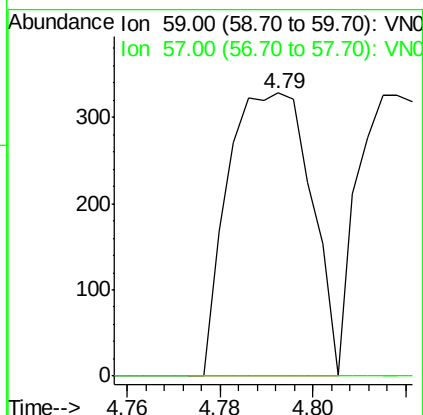
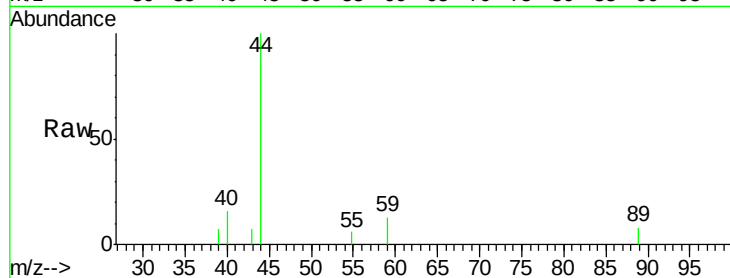


#12

Tert butyl alcohol
Concen: 0.38 ug/l
RT: 4.79 min Scan# 996
Delta R.T. -0.01 min
Lab File: VN027351.D
Acq: 22 Sep 2015 1:35

Instrument :
MSVOA_N
ClientSampleId :
TB

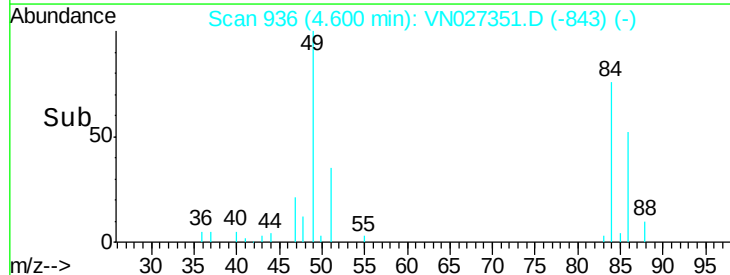
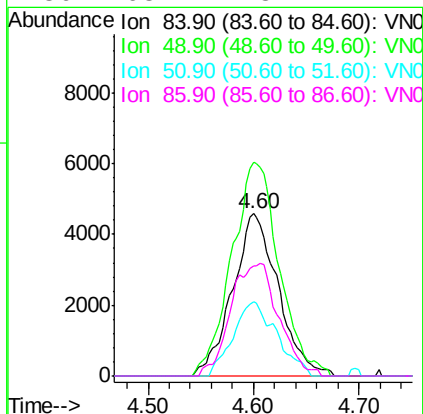
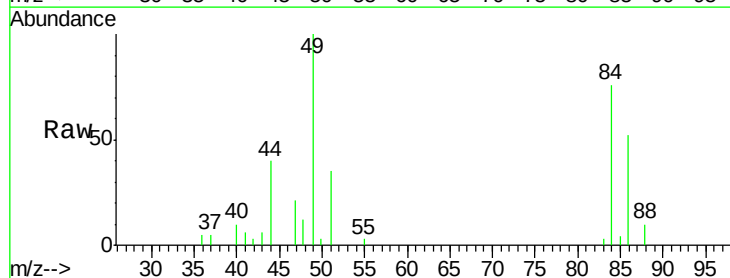
Tgt Ion: 59 Resp: 407
Ion Ratio Lower Upper
59 100
57 0.0 7.6 11.4#

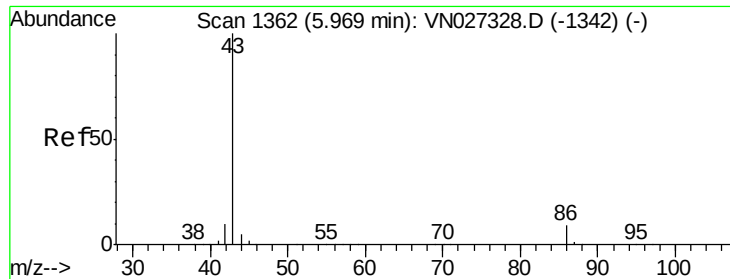


#21

Methylene Chloride
Concen: 1.42 ug/l
RT: 4.60 min Scan# 936
Delta R.T. 0.00 min
Lab File: VN027351.D
Acq: 22 Sep 2015 1:35

Tgt Ion: 84 Resp: 13796
Ion Ratio Lower Upper
84 100
49 131.9 112.3 168.5
51 45.9 33.8 50.8
86 68.1 48.2 72.4





#24

Vinyl Acetate

Concen: 9.30 ug/l

RT: 5.96 min Scan# 1359

Delta R.T. -0.01 min

Lab File: VN027351.D

Acq: 22 Sep 2015 1:35

Instrument :

MSVOA_N

ClientSampleId :

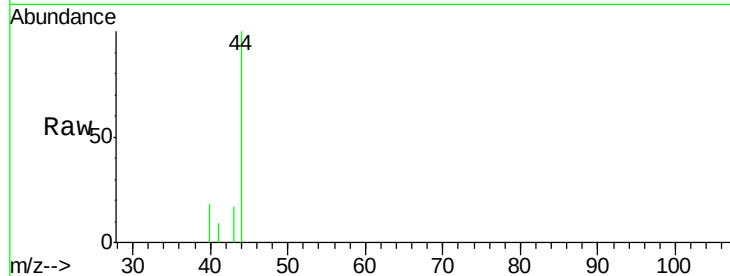
TB

Tgt Ion: 43 Resp: 274

Ion Ratio Lower Upper

43 100

86 0.0 6.9 10.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.96

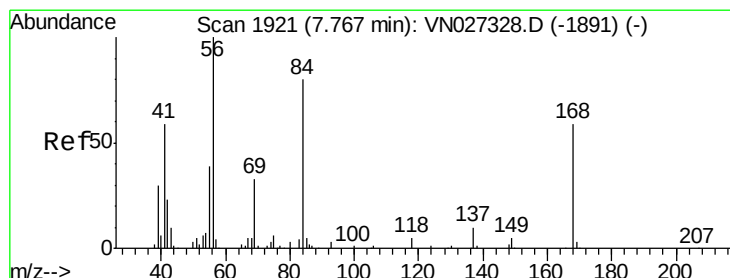
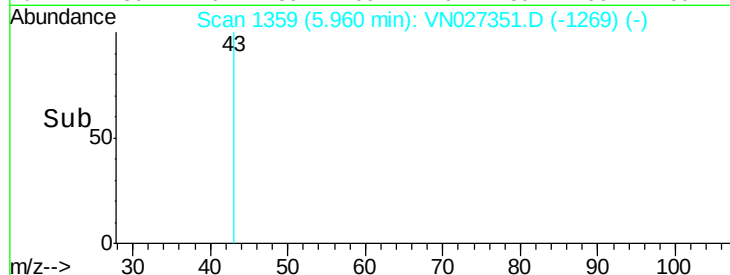
300

200

100

0

Time-->



#32

Cyclohexane

Concen: Below Cal

RT: 7.75 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VN027351.D

Acq: 22 Sep 2015 1:35

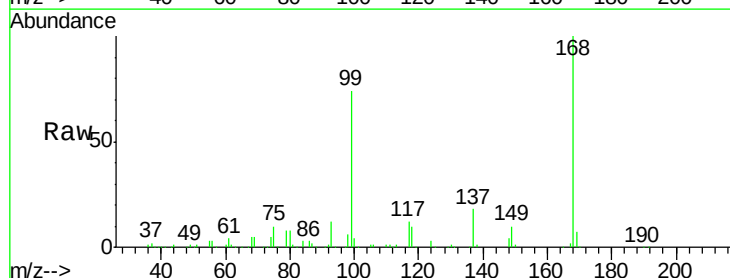
Tgt Ion: 56 Resp: 22435

Ion Ratio Lower Upper

56 100

69 158.7 23.0 34.4#

84 97.7 57.8 86.8#



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

20000

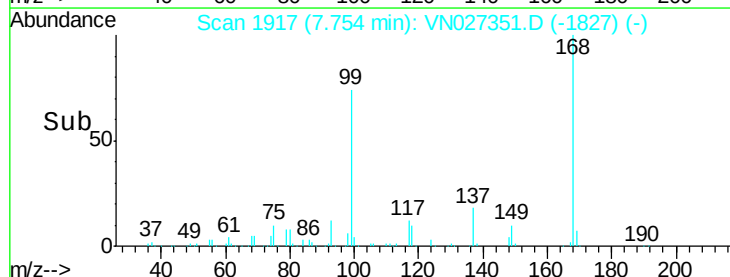
15000

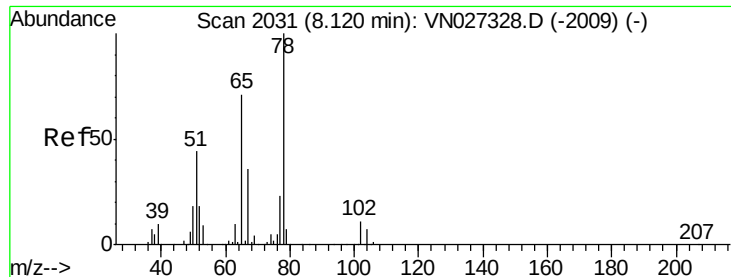
10000

5000

0

Time-->

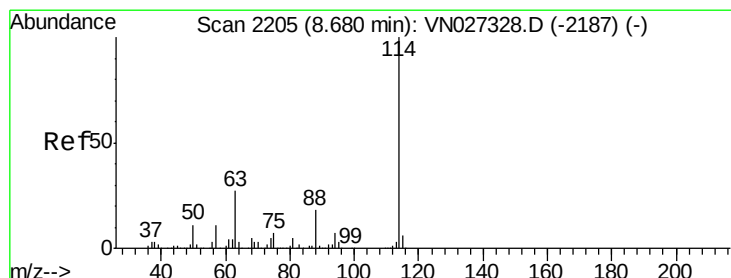
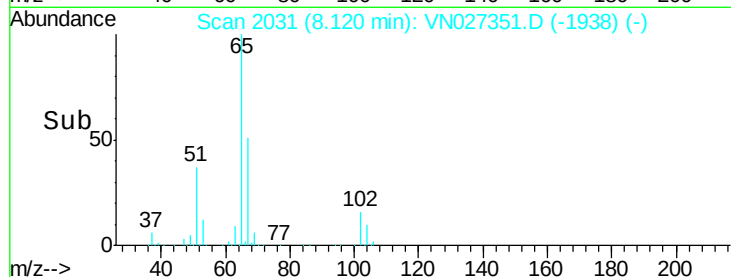
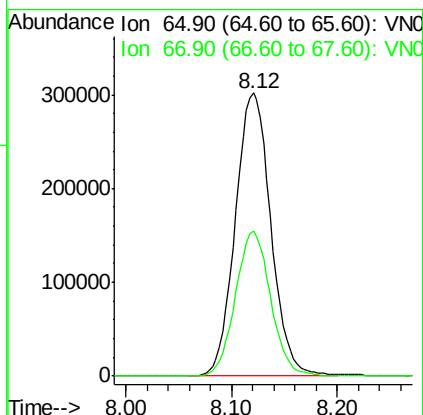
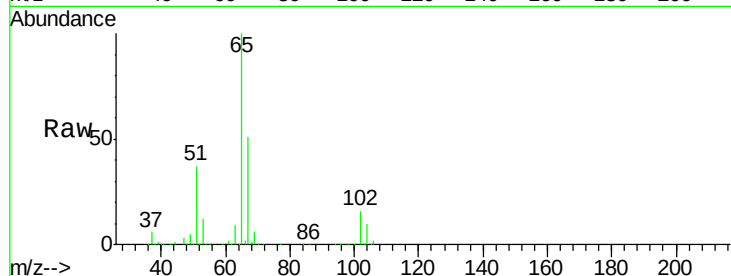




#34
 1,2-Dichloroethane-d4
 Concen: 52.49 ug/l
 RT: 8.12 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: VN027351.D
 Acq: 22 Sep 2015 1:35

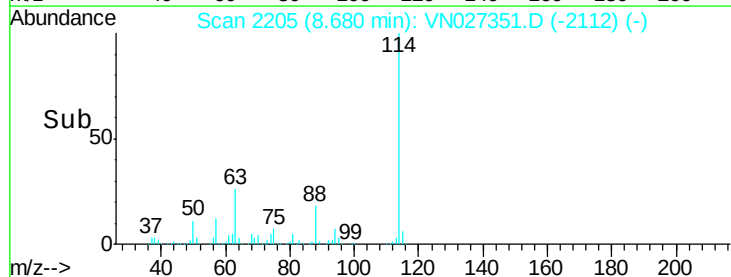
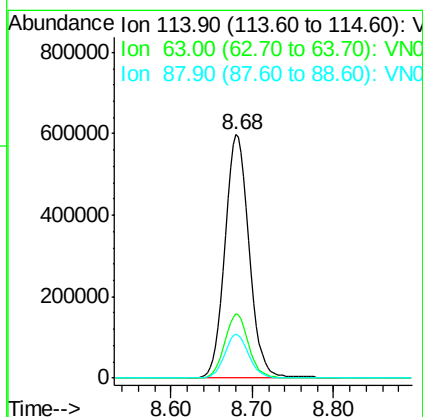
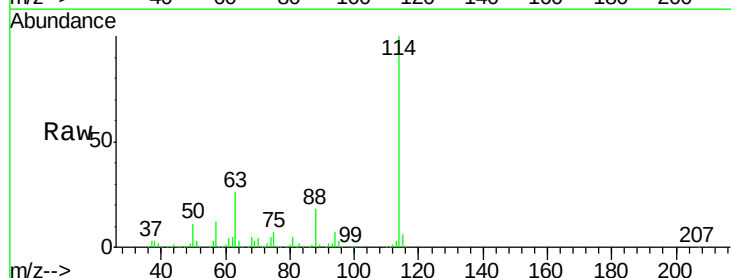
Instrument :
 MSVOA_N
 ClientSampleId :
 TB

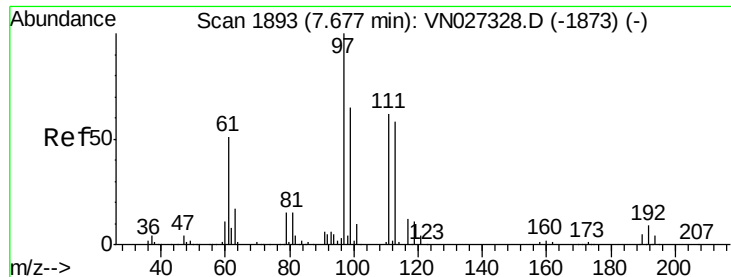
Tgt Ion: 65 Resp: 706504
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 110.6



#35
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.68 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: VN027351.D
 Acq: 22 Sep 2015 1:35

Tgt Ion: 114 Resp: 1255410
 Ion Ratio Lower Upper
 114 100
 63 26.3 0.0 48.8
 88 18.2 0.0 32.2

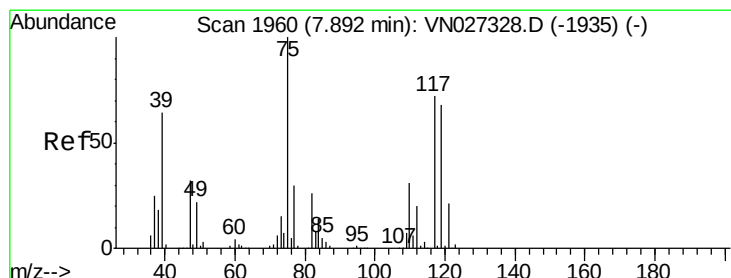
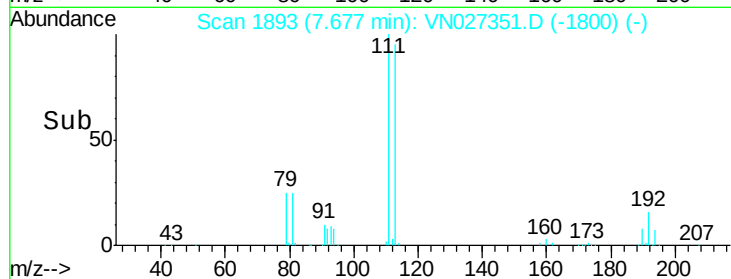
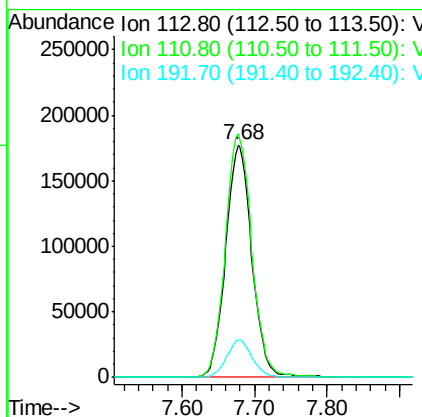
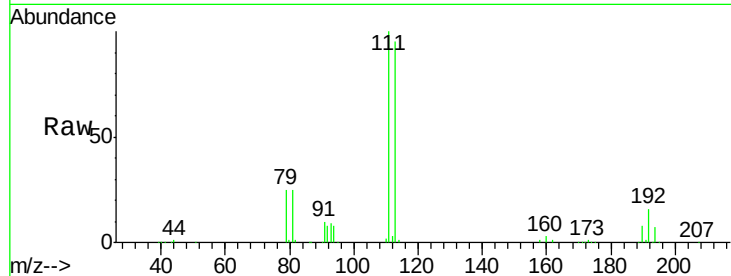




#36
 Dibromofluoromethane
 Concen: 54.16 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. 0.00 min
 Lab File: VN027351.D
 Acq: 22 Sep 2015 1:35

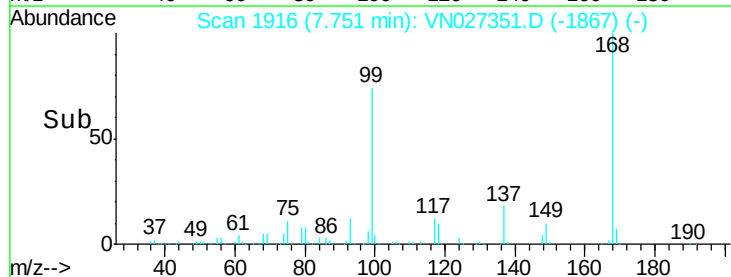
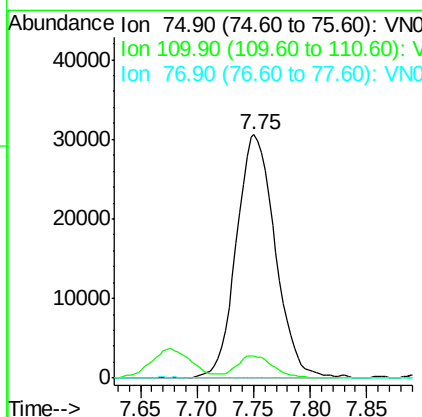
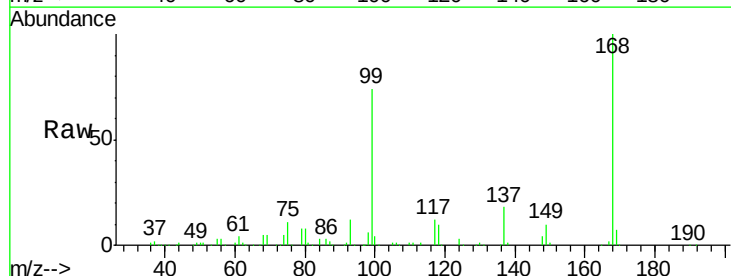
Instrument :
 MSVOA_N
 ClientSampleId :
 TB

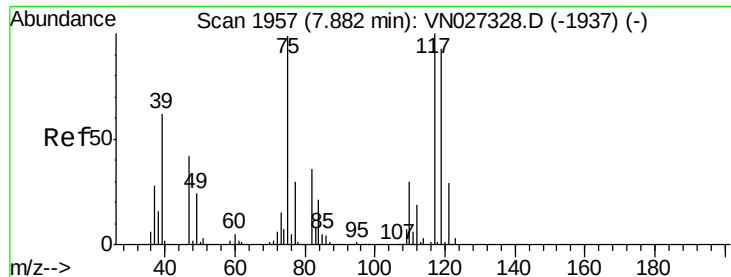
Tgt Ion: 113 Resp: 443659
 Ion Ratio Lower Upper
 113 100
 111 106.5 83.0 124.4
 192 15.9 14.1 21.1



#37
 1,1-Dichloropropene
 Concen: 5.40 ug/l
 RT: 7.75 min Scan# 1916
 Delta R.T. -0.14 min
 Lab File: VN027351.D
 Acq: 22 Sep 2015 1:35

Tgt Ion: 75 Resp: 73002
 Ion Ratio Lower Upper
 75 100
 110 8.8 15.9 47.7#
 77 0.0 24.9 37.3#





#39

Carbon Tetrachloride

Concen: 6.31 ug/l

RT: 7.75 min Scan# 1916

Delta R.T. -0.13 min

Lab File: VN027351.D

Acq: 22 Sep 2015 1:35

Instrument :

MSVOA_N

ClientSampleId :

TB

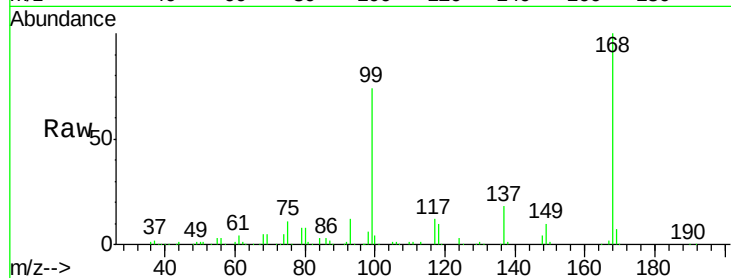
Tgt Ion:117 Resp: 80286

Ion Ratio Lower Upper

117 100

119 3.3 75.3 112.9#

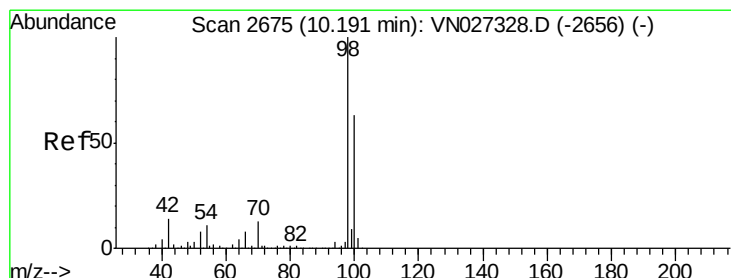
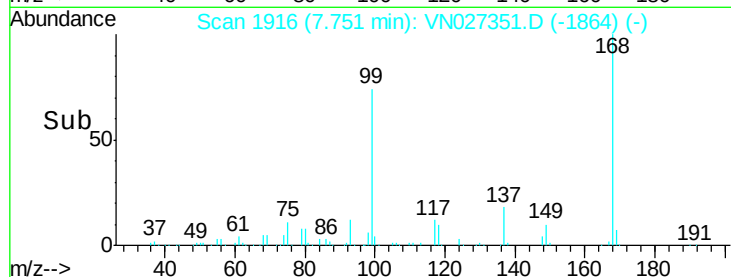
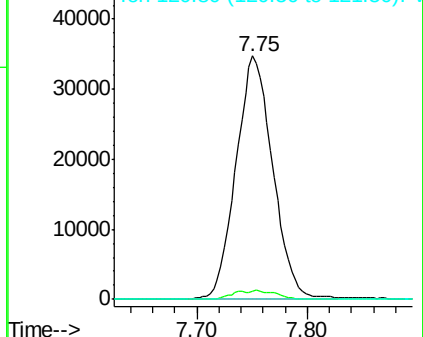
121 0.0 23.8 35.8#



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



#51

Toluene-d8

Concen: 57.73 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027351.D

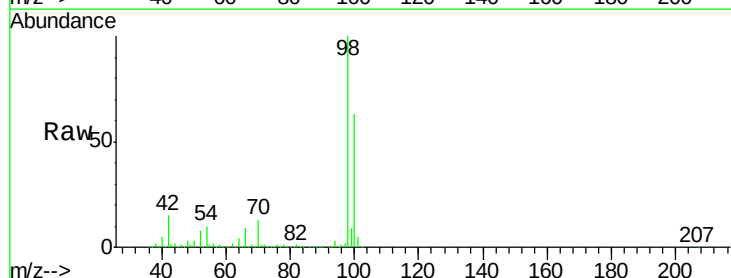
Acq: 22 Sep 2015 1:35

Tgt Ion: 98 Resp: 1828136

Ion Ratio Lower Upper

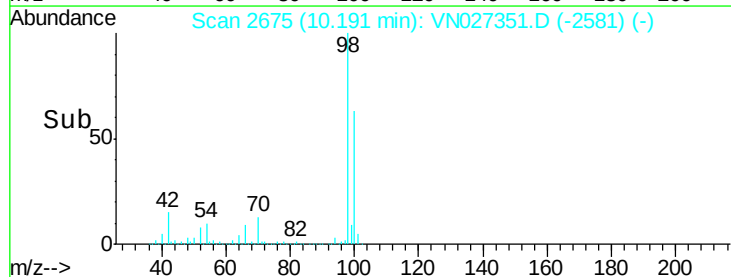
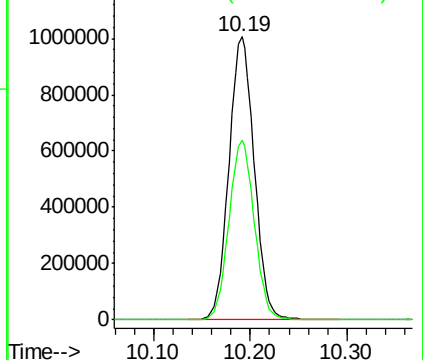
98 100

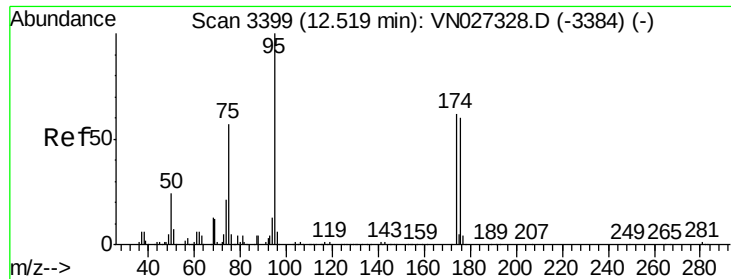
100 63.5 50.5 75.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

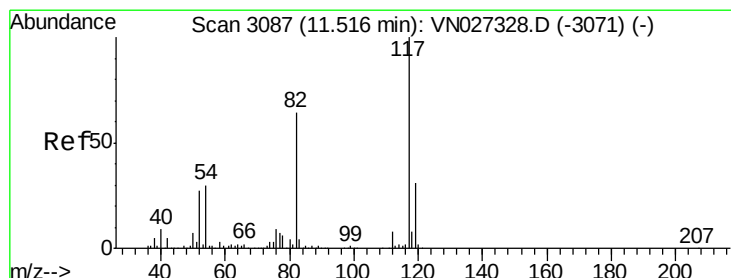
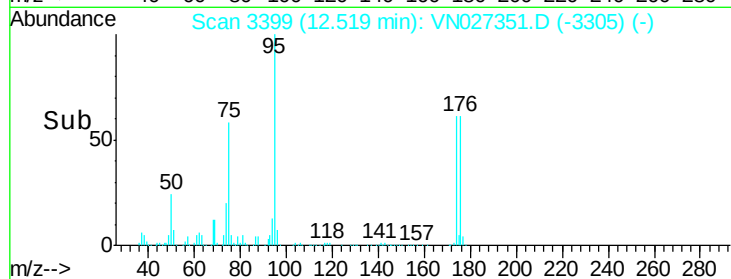
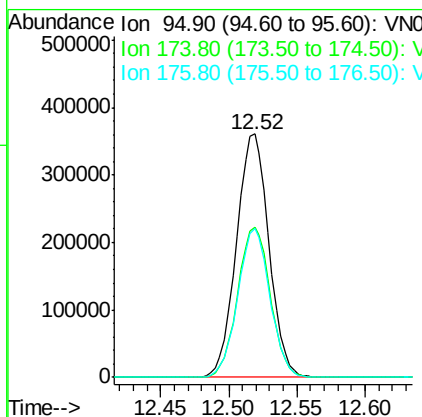
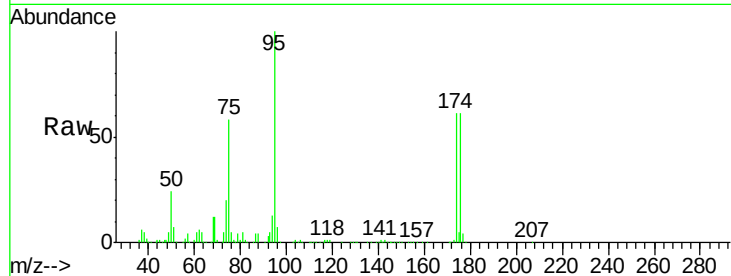




#63
4-Bromofluorobenzene
Concen: 51.90 ug/l
RT: 12.52 min Scan# 3399
Delta R.T. 0.00 min
Lab File: VN027351.D
Acq: 22 Sep 2015 1:35

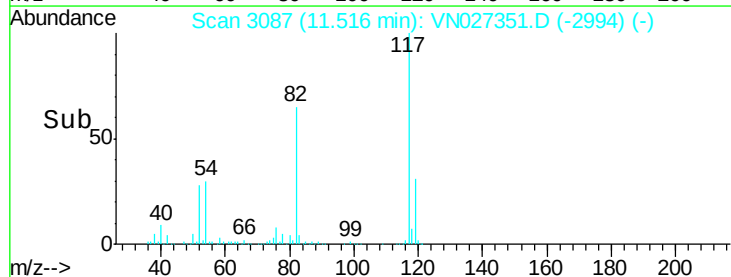
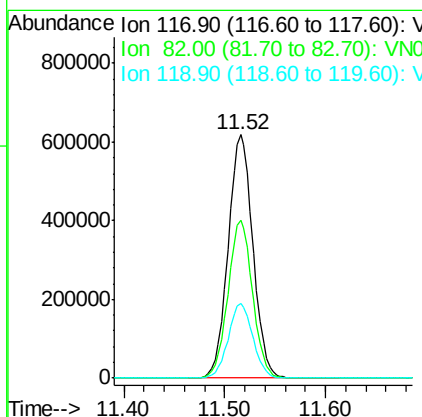
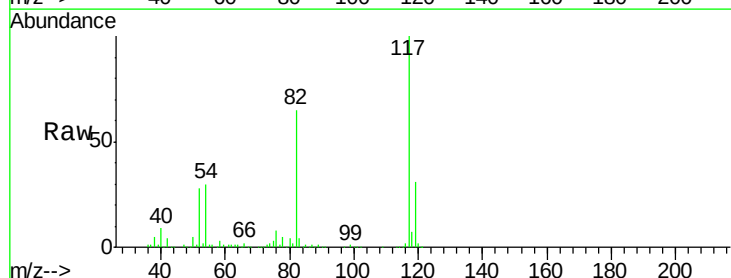
Instrument :
MSVOA_N
ClientSampled :
TB

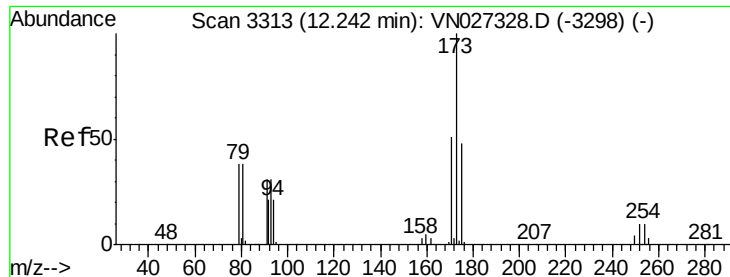
Tgt Ion	Ratio	Lower	Upper
95	100		
174	62.1	0.0	137.0
176	60.3	0.0	130.8



#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027351.D
Acq: 22 Sep 2015 1:35

Tgt Ion	Ratio	Lower	Upper
117	100		
82	64.7	49.6	74.4
119	30.7	24.6	36.8





#72

Bromoform

Concen: 0.70 ug/l

RT: 12.52 min Scan# 3399

Delta R.T. 0.28 min

Lab File: VN027351.D

Acq: 22 Sep 2015 1:35

Instrument :

MSVOA_N

ClientSampled :

TB

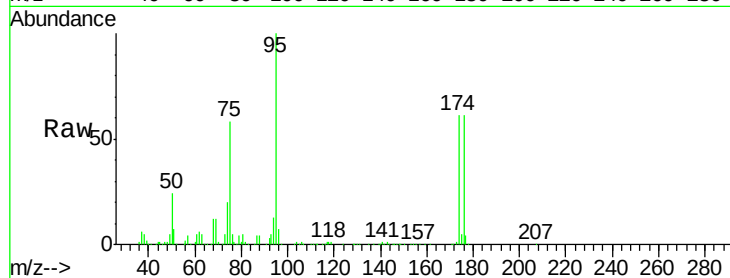
Tgt Ion:173 Resp: 3566

Ion Ratio Lower Upper

173 100

175 680.0 24.4 73.4#

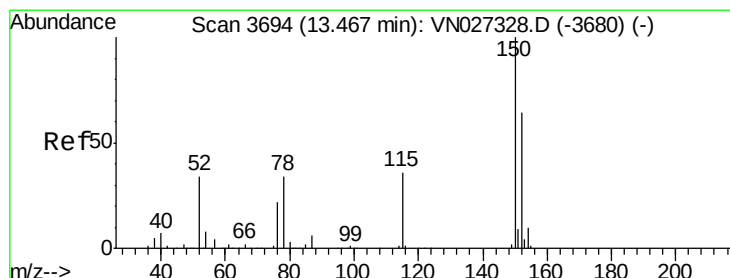
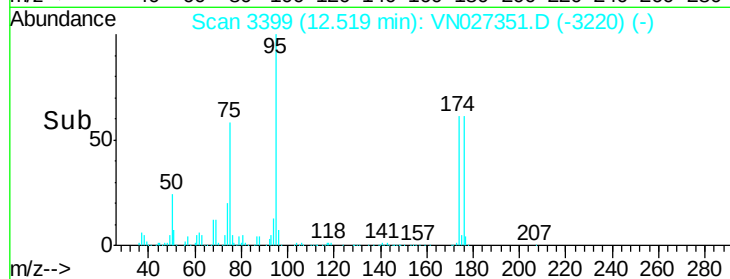
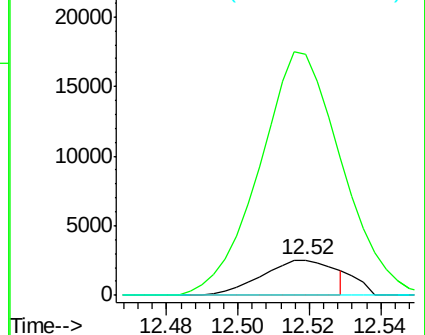
254 0.0 0.1 0.1#



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



#73

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.47 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN027351.D

Acq: 22 Sep 2015 1:35

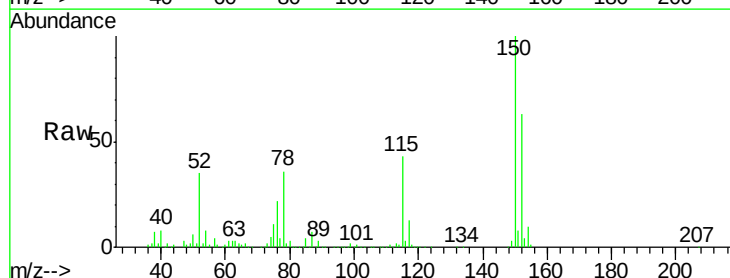
Tgt Ion:152 Resp: 353620

Ion Ratio Lower Upper

152 100

115 68.6 30.8 92.3

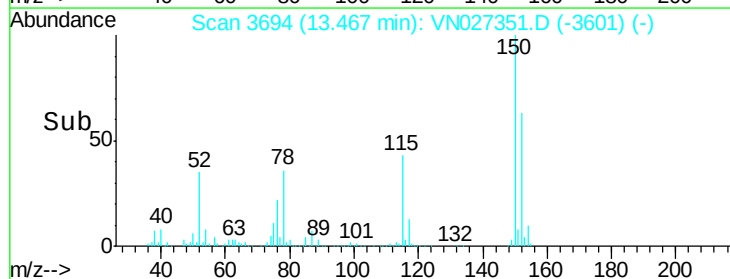
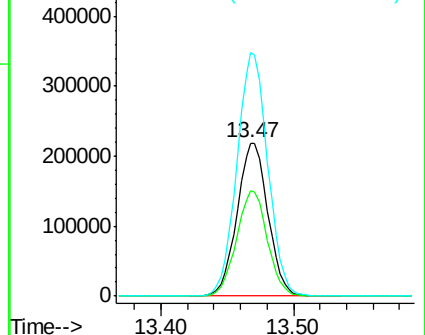
150 158.2 0.0 345.0

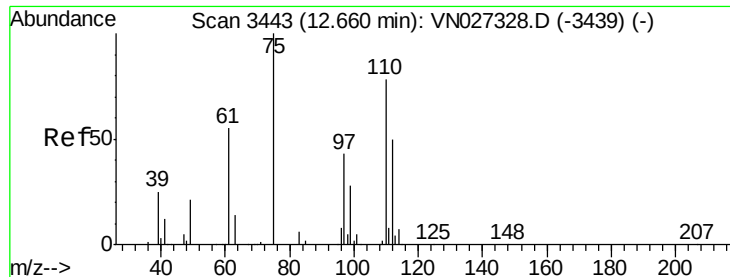


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#77

1,2,3-Trichloropropane

Concen: 39.59 ug/l

RT: 12.52 min Scan# 3399

Delta R.T. -0.14 min

Lab File: VN027351.D

Acq: 22 Sep 2015 1:35

Instrument :

MSVOA_N

ClientSampled :

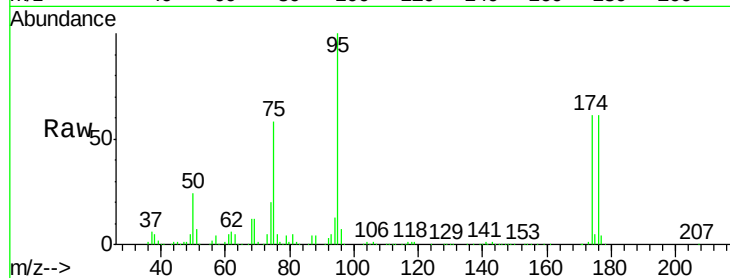
TB

Tgt Ion: 75 Resp: 351453

Ion Ratio Lower Upper

75 100

77 0.9 103.1 309.3#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

250000

200000

150000

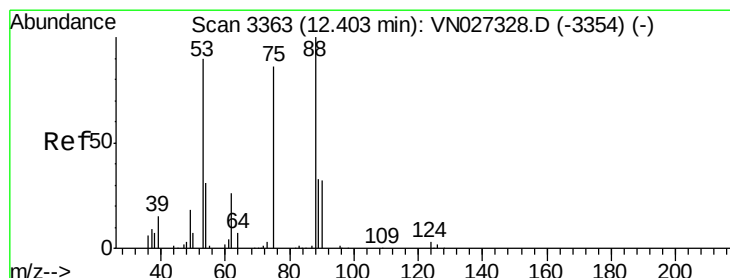
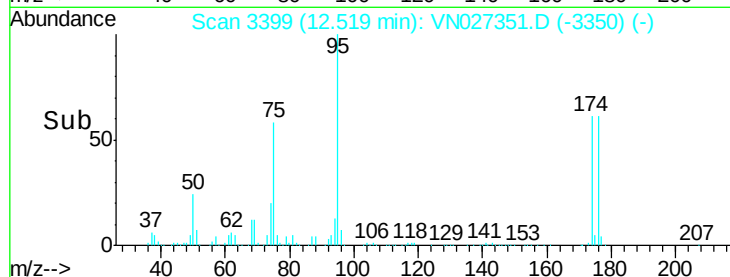
100000

50000

0

12.45 12.50 12.55

Time-->



#82

trans-1,4-Dichloro-2-butene

Concen: 101.51 ug/l

RT: 12.52 min Scan# 3399

Delta R.T. 0.12 min

Lab File: VN027351.D

Acq: 22 Sep 2015 1:35

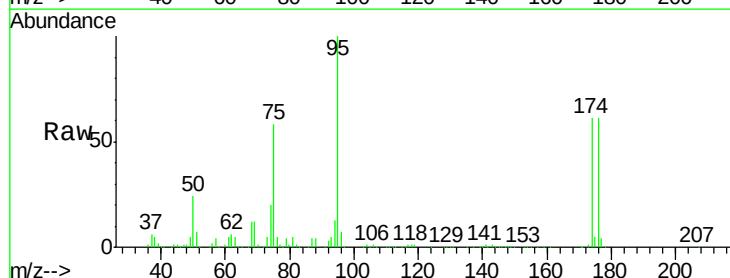
Tgt Ion: 75 Resp: 351453

Ion Ratio Lower Upper

75 100

53 0.0 92.9 139.3#

89 0.0 34.2 51.4#



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

250000

200000

150000

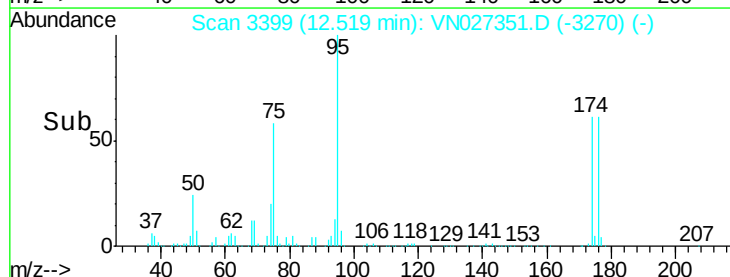
100000

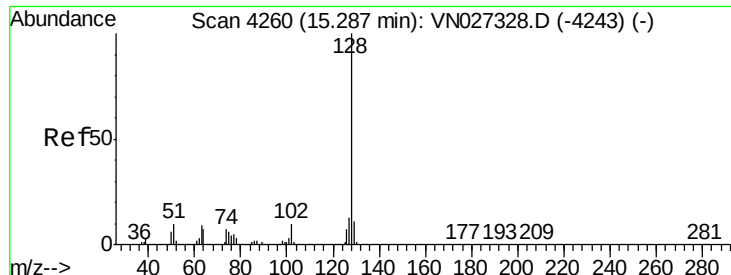
50000

0

12.45 12.50 12.55

Time-->





#96

Naphthalene

Concen: 3.83 ug/l

RT: 15.28 min Scan# 4259

Delta R.T. -0.00 min

Lab File: VN027351.D

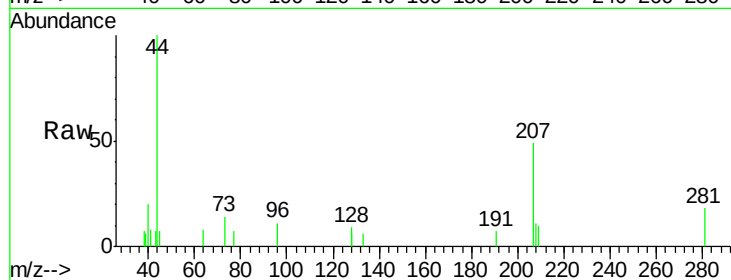
Acq: 22 Sep 2015 1:35

Instrument :

MSVOA_N

ClientSampleId :

TB



Tgt Ion:	128	Resp:	209
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.6	12.8#

