

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN092115\
 Data File : VN027349.D
 Acq On : 22 Sep 2015 00:40
 Operator : MD\FY
 Sample : G3754-11
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EQUIPMENTBLANK

Quant Time: Sep 22 03:42:49 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	712562	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1293992	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1078045	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	366808	50.00	ug/l	0.00

System Monitoring Compounds						
34) 1,2-Dichloroethane-d4	8.12	65	728596	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	
36) Dibromofluoromethane	7.68	113	463346	54.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.76%	
51) Toluene-d8	10.19	98	1887355	57.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.64%	
63) 4-Bromofluorobenzene	12.52	95	622613	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	

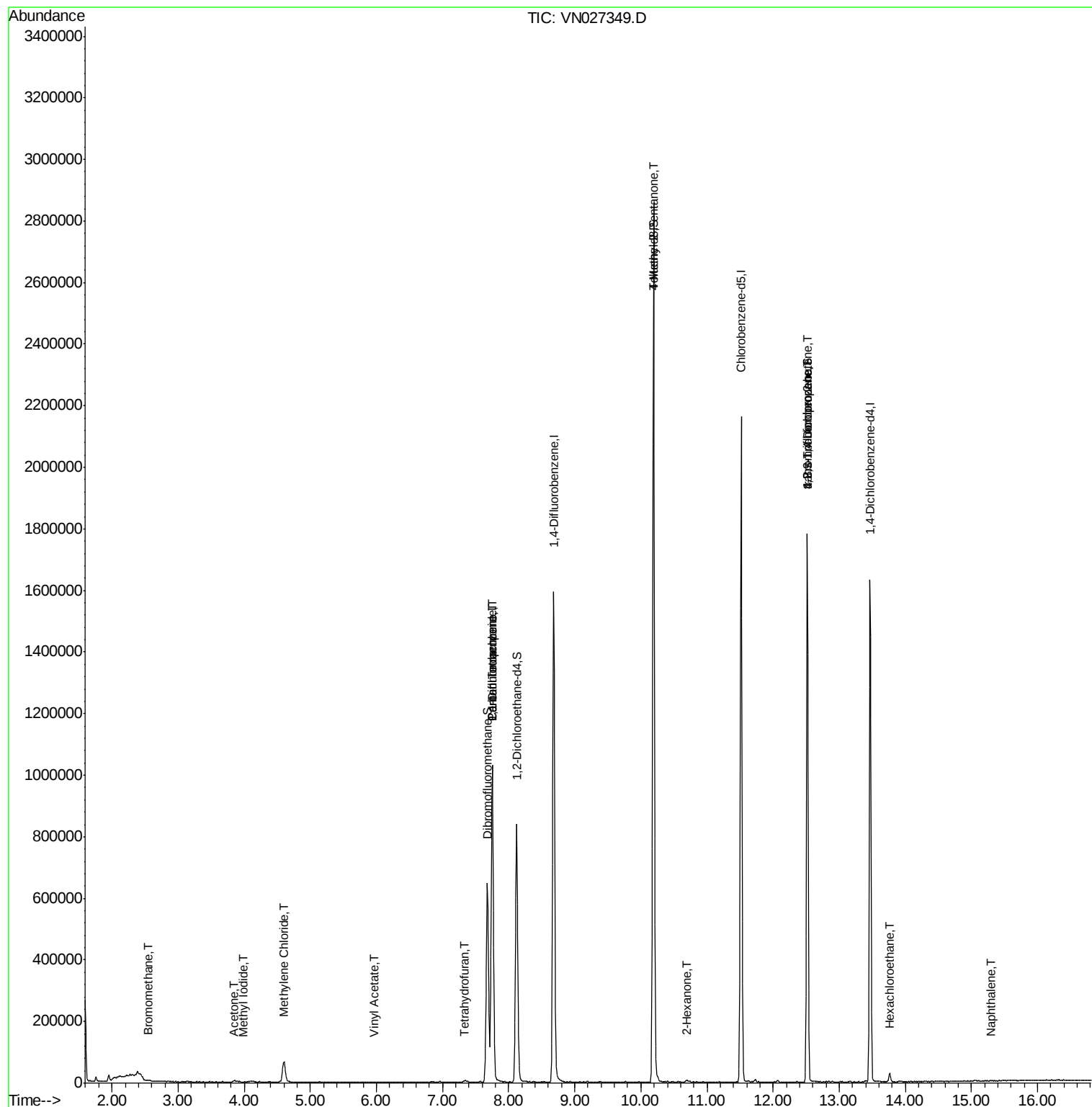
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Bromomethane	2.55	94	1369	0.36	ug/l #	62
11) Methyl Iodide	3.99	142	317	2.43	ug/l #	43
17) Acetone	3.84	43	3858	1.02	ug/l	91
21) Methylene Chloride	4.60	84	48106	4.76	ug/l	94
24) Vinyl Acetate	5.97	43	245	9.30	ug/l #	76
30) Tetrahydrofuran	7.33	42	4992	1.58	ug/l #	65
32) Cyclohexane	7.75	56	23370	Below Cal	#	5
37) 1,1-Dichloropropene	7.75	75	77939	5.59	ug/l #	52
39) Carbon Tetrachloride	7.75	117	83289	6.35	ug/l #	16
52) 4-Methyl-2-Pentanone	10.19	43	11041	1.04	ug/l #	1
60) 2-Hexanone	10.69	43	5446	0.76	ug/l	73
77) 1,2,3-Trichloropropane	12.52	75	359899	39.08	ug/l #	1
82) trans-1,4-Dichloro-2-buten	12.52	75	359899	100.21	ug/l #	4
91) Hexachloroethane	13.77	117	1823	0.32	ug/l #	15
96) Naphthalene	15.29	128	575	3.84	ug/l #	69

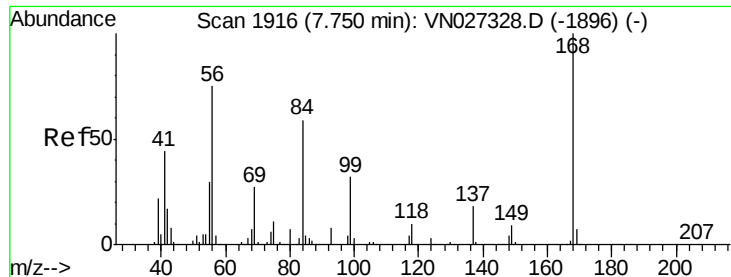
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN027349.D

Acq: 22 Sep 2015 00:40

Instrument :

MSVOA_N

ClientSampleId :

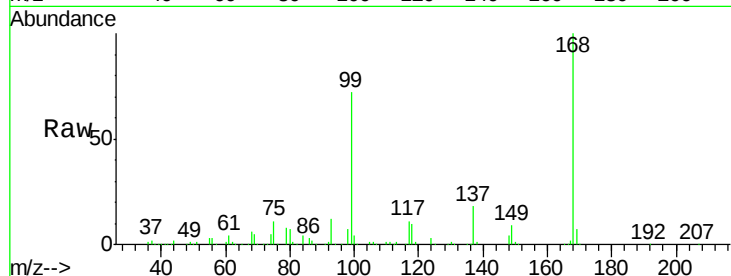
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Tgt Ion:168 Resp: 712562

Ion Ratio Lower Upper

168 100

99 72.3 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

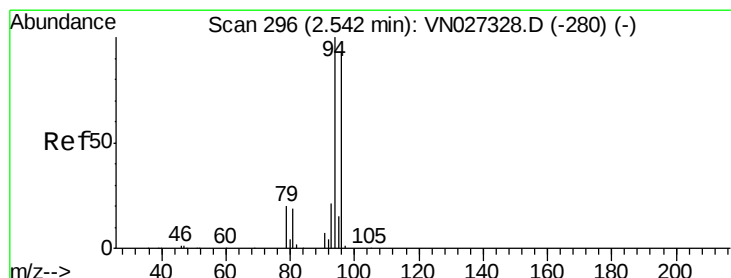
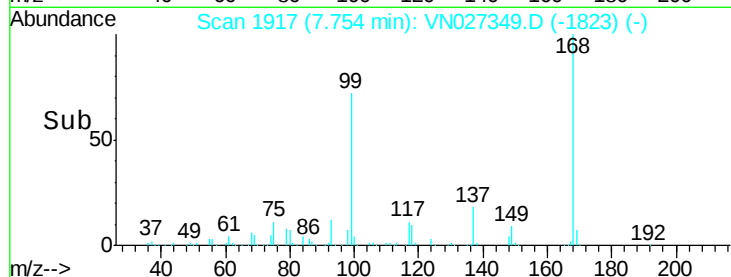
300000

200000

100000

0

Time-->



#6

Bromomethane

Concen: 0.36 ug/l

RT: 2.55 min Scan# 299

Delta R.T. 0.01 min

Lab File: VN027349.D

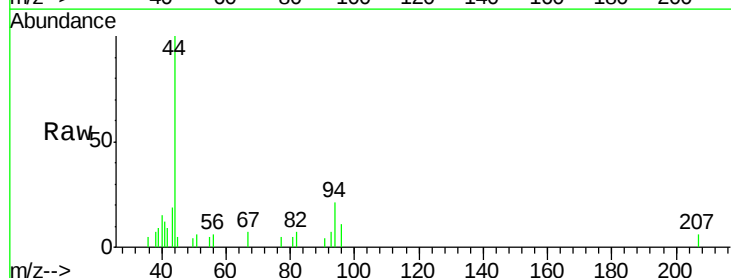
Acq: 22 Sep 2015 00:40

Tgt Ion: 94 Resp: 1369

Ion Ratio Lower Upper

94 100

96 55.5 73.4 110.2#



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.55

800

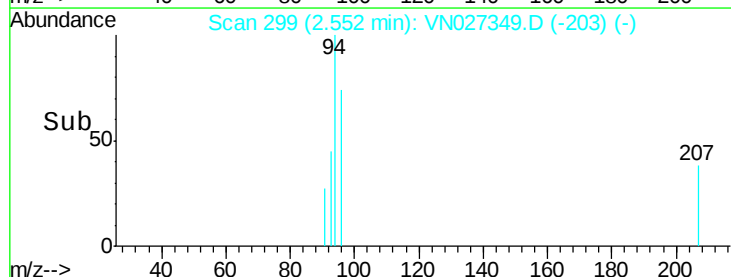
600

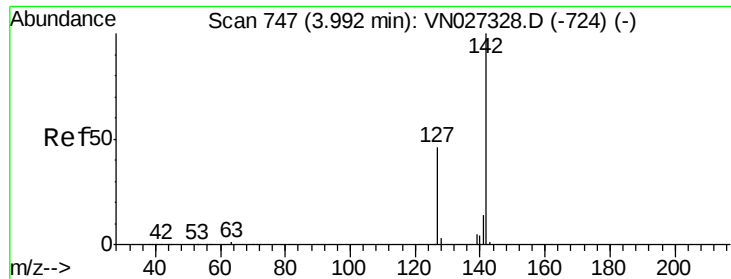
400

200

0

Time-->

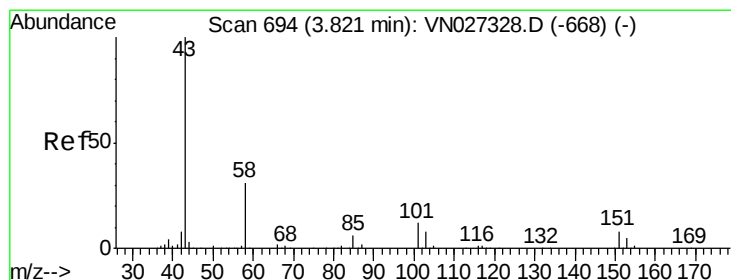
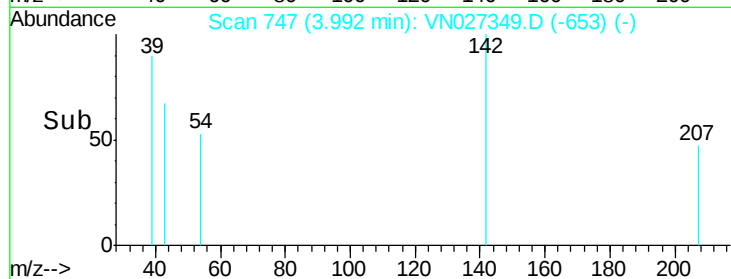
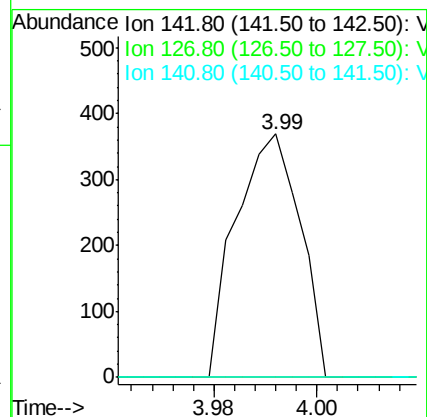
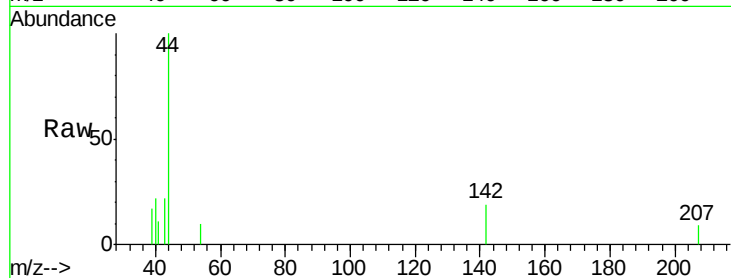




#11
Methyl Iodide
Concen: 2.43 ug/l
RT: 3.99 min Scan# 747
Delta R.T. 0.00 min
Lab File: VN027349.D
Acq: 22 Sep 2015 00:40

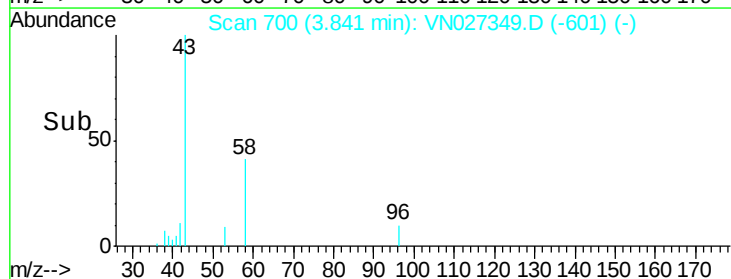
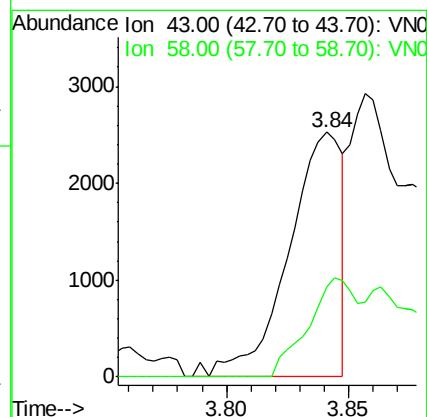
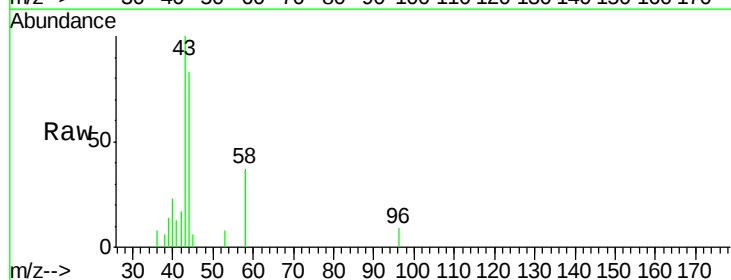
Instrument :
MSVOA_N
ClientSampleId :
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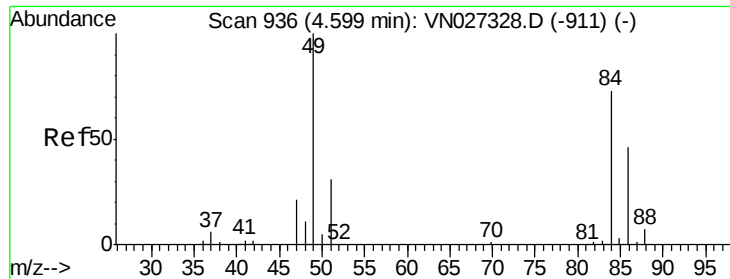
Tgt Ion:142 Resp: 317
Ion Ratio Lower Upper
142 100
127 0.0 32.3 48.5#
141 0.0 11.2 16.8#



#17
Acetone
Concen: 1.02 ug/l
RT: 3.84 min Scan# 700
Delta R.T. 0.02 min
Lab File: VN027349.D
Acq: 22 Sep 2015 00:40

Tgt Ion: 43 Resp: 3858
Ion Ratio Lower Upper
43 100
58 36.7 25.4 38.0

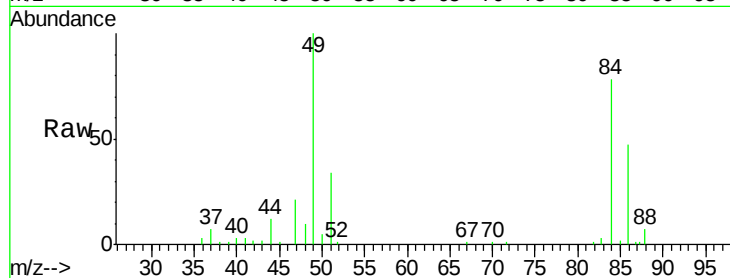




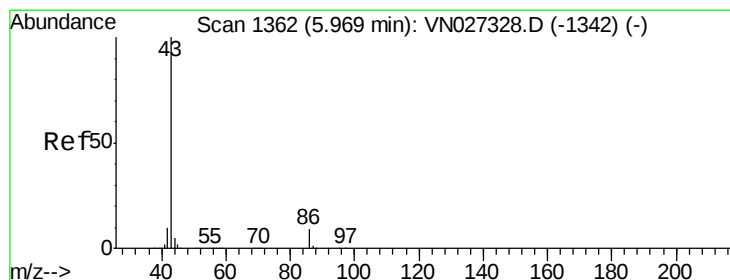
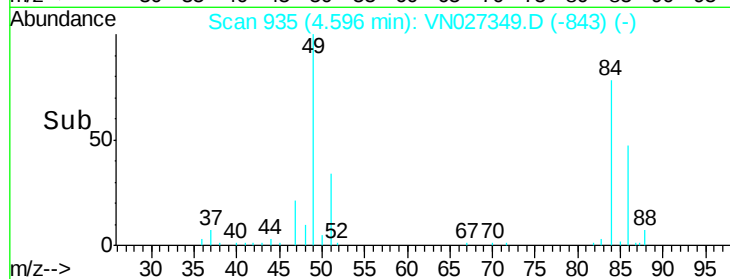
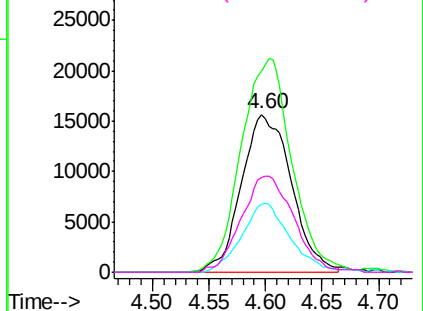
#21
Methylene Chloride
Concen: 4.76 ug/l
RT: 4.60 min Scan# 935
Delta R.T. -0.00 min
Lab File: VN027349.D
Acq: 22 Sep 2015 00:40

Instrument :
MSVOA_N
ClientSampleId :
EQUIPMENTBLANK

Tgt Ion: 84 Resp: 48106
Ion Ratio Lower Upper
84 100
49 127.6 112.3 168.5
51 43.2 33.8 50.8
86 60.5 48.2 72.4

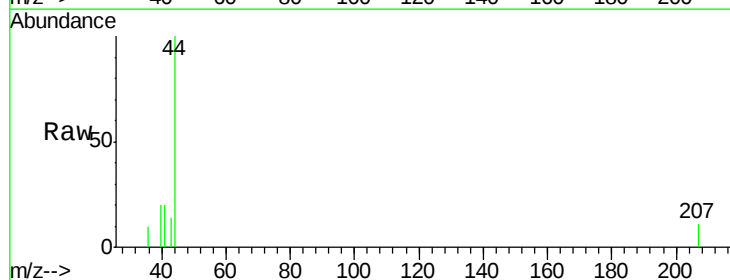


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

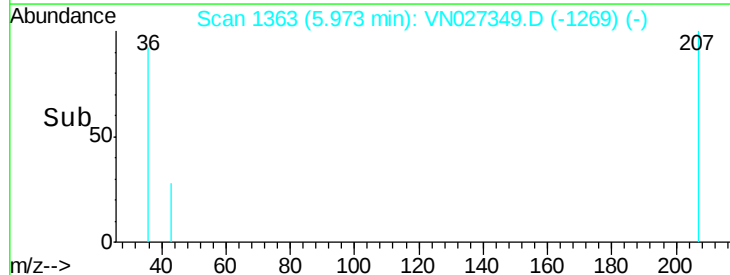
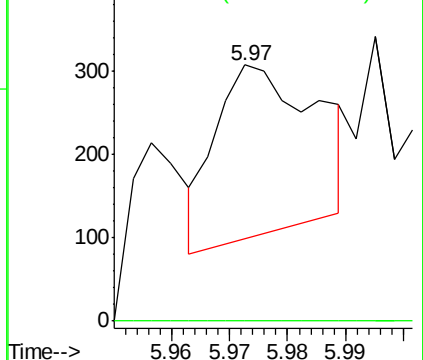


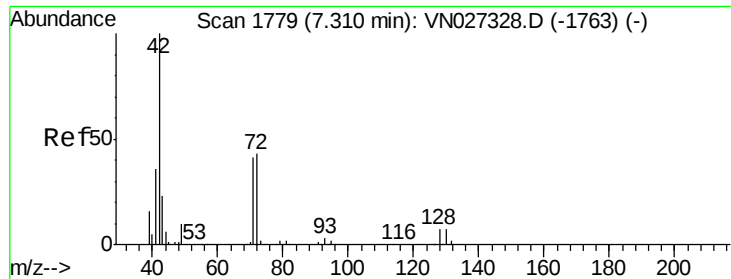
#24
Vinyl Acetate
Concen: 9.30 ug/l
RT: 5.97 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VN027349.D
Acq: 22 Sep 2015 00:40

Tgt Ion: 43 Resp: 245
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

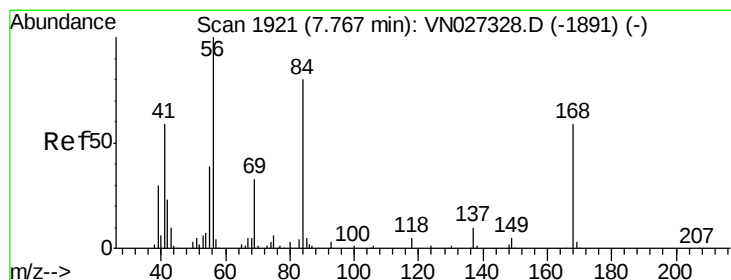
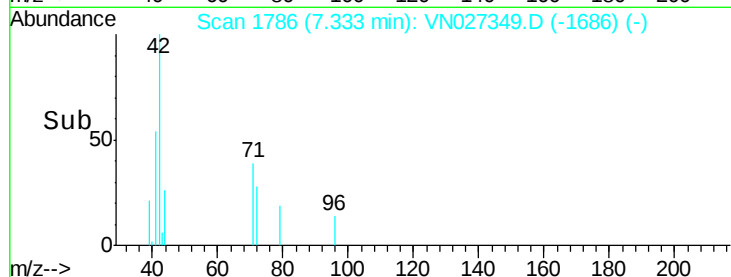
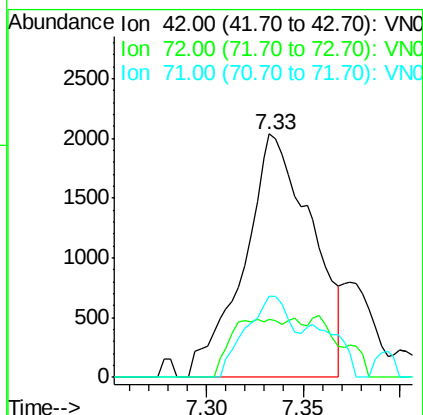
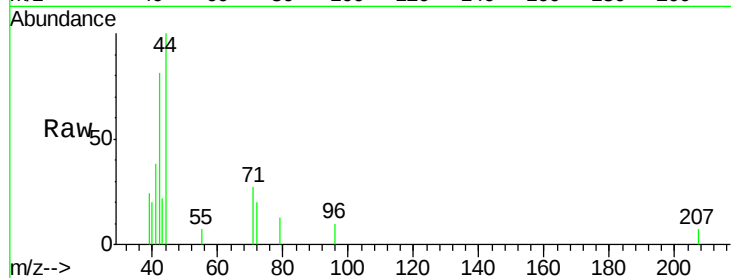




#30
Tetrahydrofuran
Concen: 1.58 ug/l
RT: 7.33 min Scan# 1786
Delta R.T. 0.02 min
Lab File: VN027349.D
Acq: 22 Sep 2015 00:40

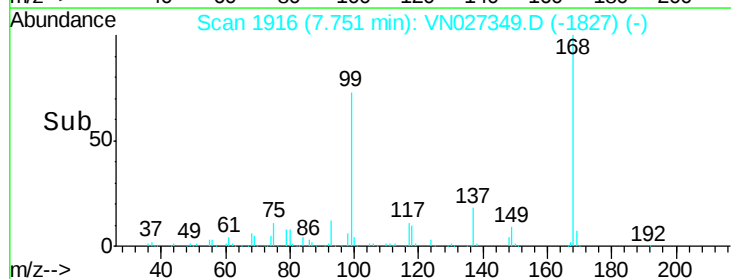
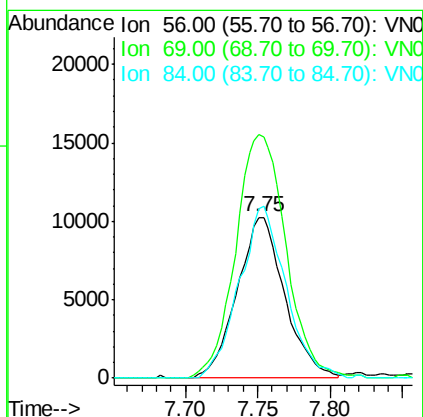
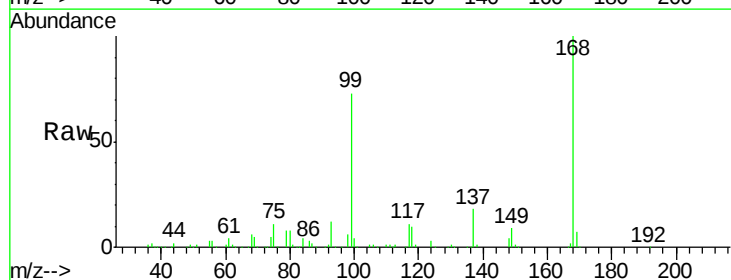
Instrument :
MSVOA_N
ClientSampleId :
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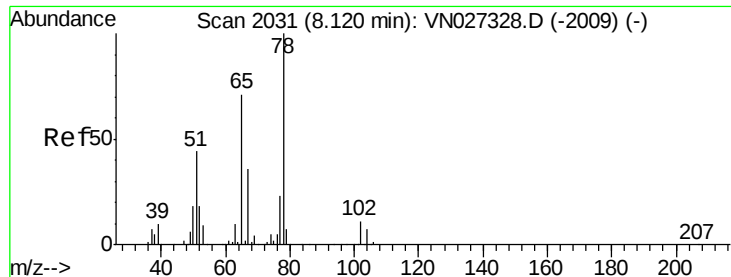
Tgt Ion: 42 Resp: 4992
Ion Ratio Lower Upper
42 100
72 8.4 29.9 44.9#
71 22.7 28.3 42.5#



#32
Cyclohexane
Concen: Below Cal
RT: 7.75 min Scan# 1916
Delta R.T. -0.02 min
Lab File: VN027349.D
Acq: 22 Sep 2015 00:40

Tgt Ion: 56 Resp: 23370
Ion Ratio Lower Upper
56 100
69 151.8 23.0 34.4#
84 105.9 57.8 86.8#





#34

1,2-Dichloroethane-d4

Concen: 52.23 ug/l

RT: 8.12 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VN027349.D

Acq: 22 Sep 2015 00:40

Instrument :

MSVOA_N

ClientSampleId :

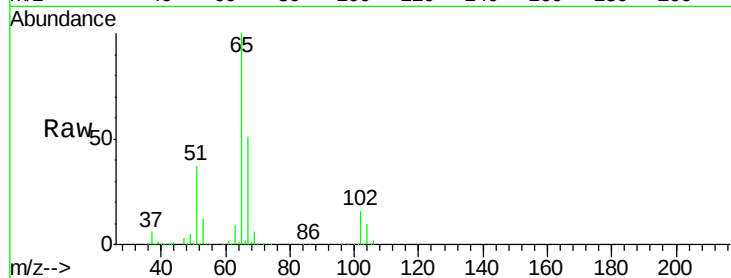
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Tgt Ion: 65 Resp: 728596

Ion Ratio Lower Upper

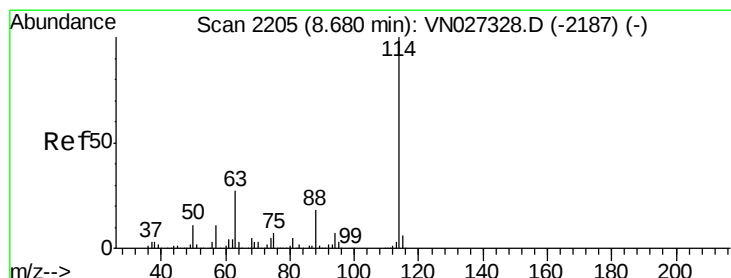
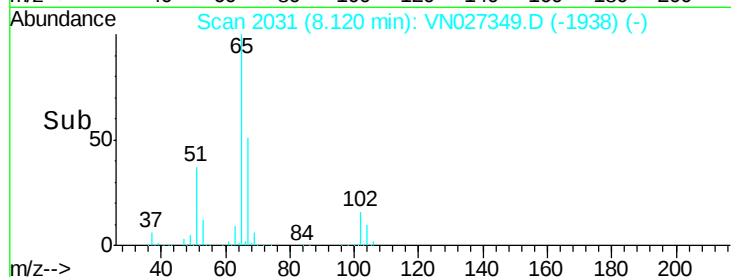
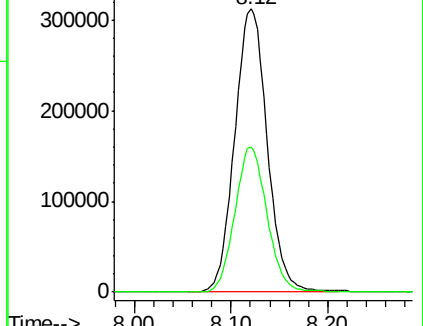
65 100

67 50.9 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VN027328.D (-2009) (-)

Ion 66.90 (66.60 to 67.60): VN027328.D (-2009) (-)



#35

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.68 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VN027349.D

Acq: 22 Sep 2015 00:40

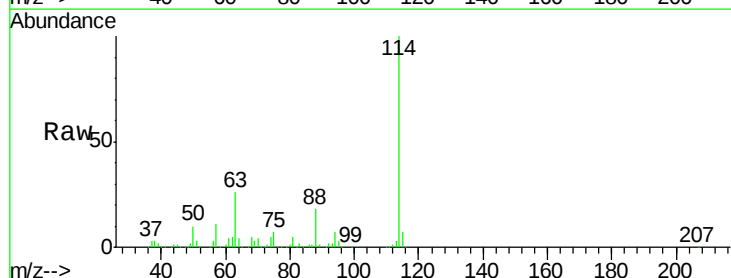
Tgt Ion: 114 Resp: 1293992

Ion Ratio Lower Upper

114 100

63 26.1 0.0 48.8

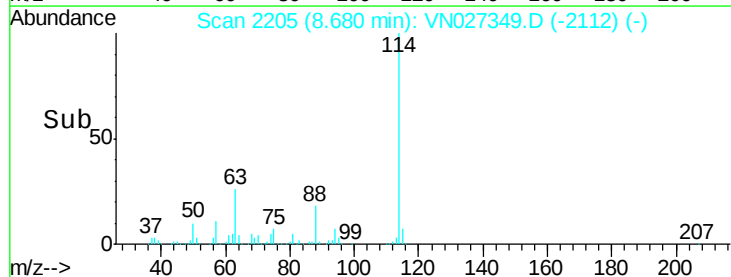
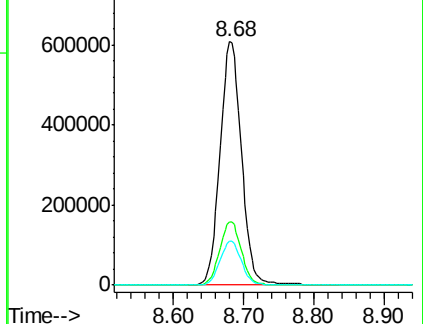
88 17.9 0.0 32.2

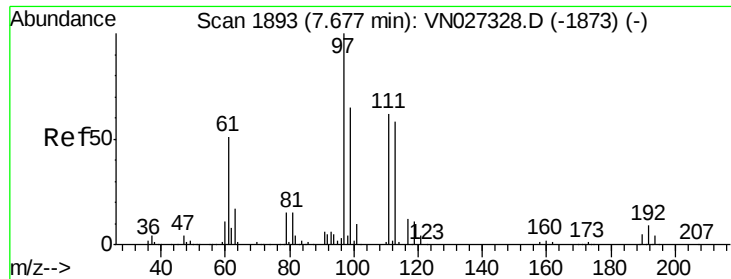


Abundance Ion 113.90 (113.60 to 114.60): VN027328.D (-2187) (-)

Ion 63.00 (62.70 to 63.70): VN027328.D (-2187) (-)

Ion 87.90 (87.60 to 88.60): VN027328.D (-2187) (-)

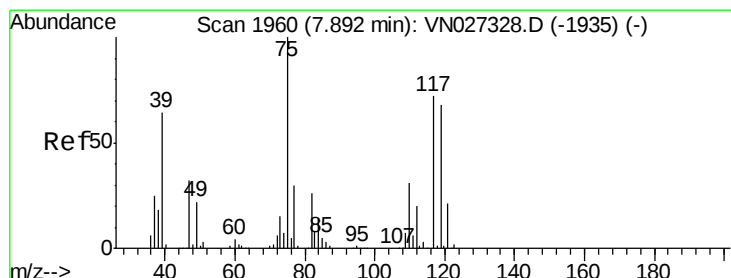
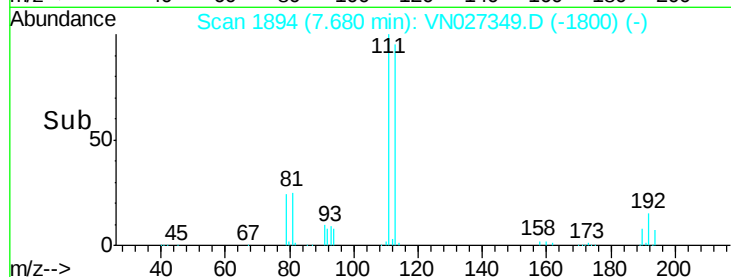
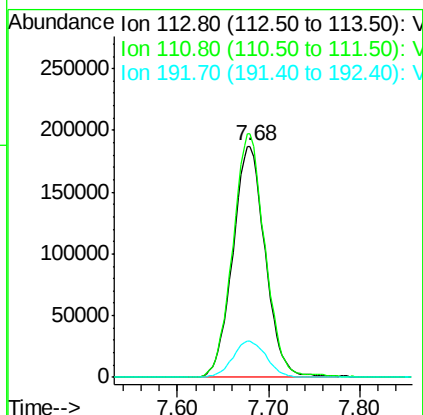
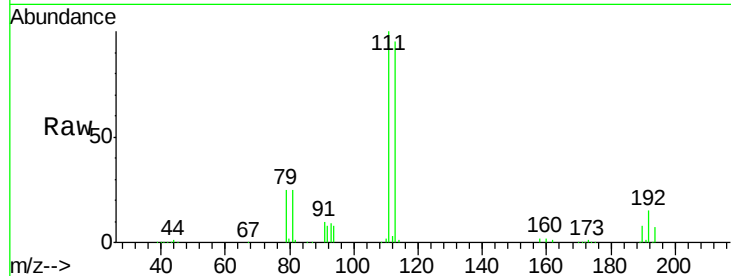




#36
 Dibromofluoromethane
 Concen: 54.88 ug/l
 RT: 7.68 min Scan# 1894
 Delta R.T. 0.00 min
 Lab File: VN027349.D
 Acq: 22 Sep 2015 00:40

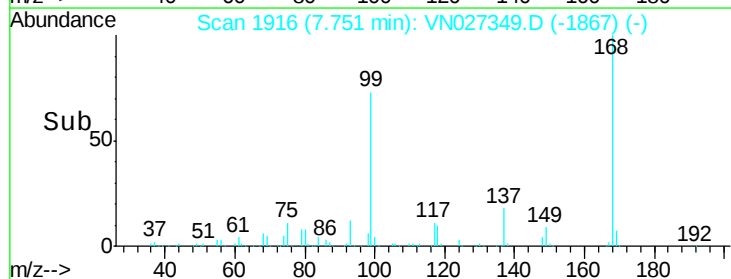
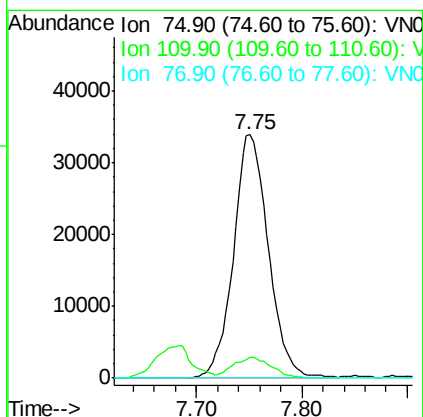
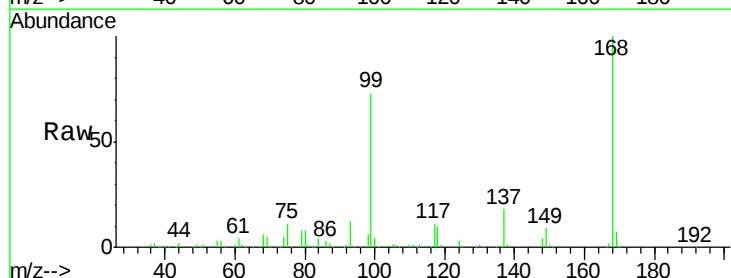
Instrument :
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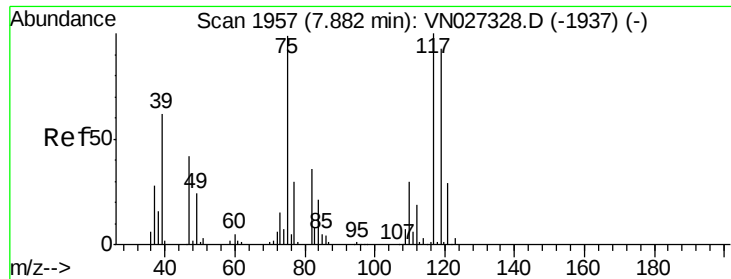
Tgt Ion:113 Resp: 463346
 Ion Ratio Lower Upper
 113 100
 111 104.7 83.0 124.4
 192 16.3 14.1 21.1



#37
 1,1-Dichloropropene
 Concen: 5.59 ug/l
 RT: 7.75 min Scan# 1916
 Delta R.T. -0.14 min
 Lab File: VN027349.D
 Acq: 22 Sep 2015 00:40

Tgt Ion: 75 Resp: 77939
 Ion Ratio Lower Upper
 75 100
 110 9.3 15.9 47.7#
 77 0.0 24.9 37.3#





#39

Carbon Tetrachloride

Concen: 6.35 ug/l

RT: 7.75 min Scan# 1916

Delta R.T. -0.13 min

Lab File: VN027349.D

Acq: 22 Sep 2015 00:40

Instrument :

MSVOA_N

ClientSampleId :

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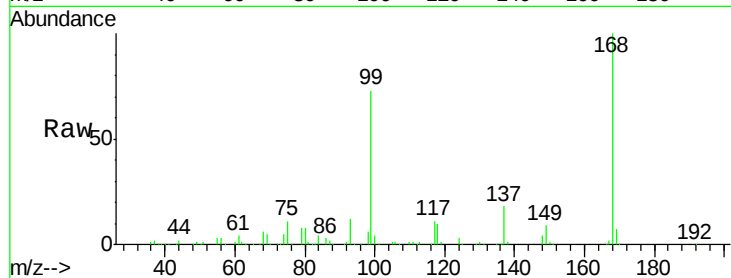
Tgt Ion:117 Resp: 83289

Ion Ratio Lower Upper

117 100

119 4.8 75.3 112.9#

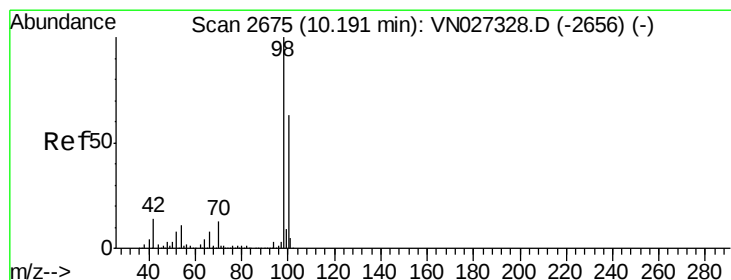
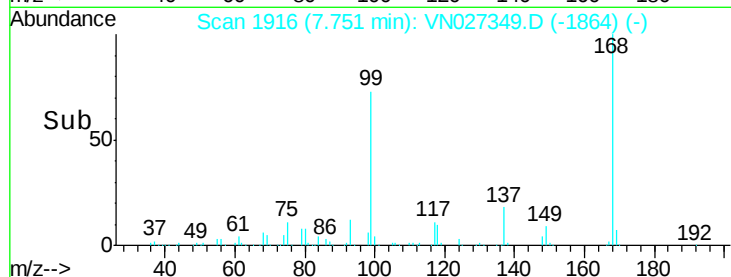
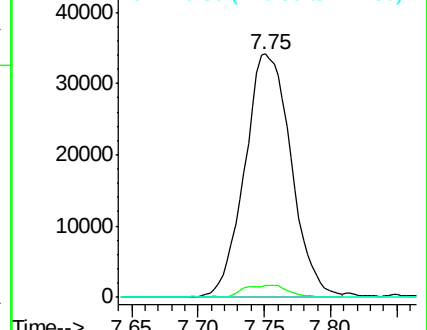
121 0.0 23.8 35.8#



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: 57.82 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027349.D

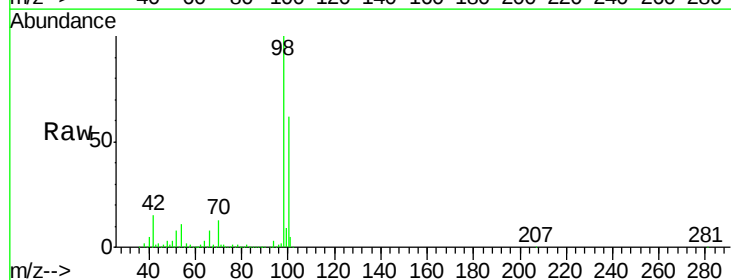
Acq: 22 Sep 2015 00:40

Tgt Ion: 98 Resp: 1887355

Ion Ratio Lower Upper

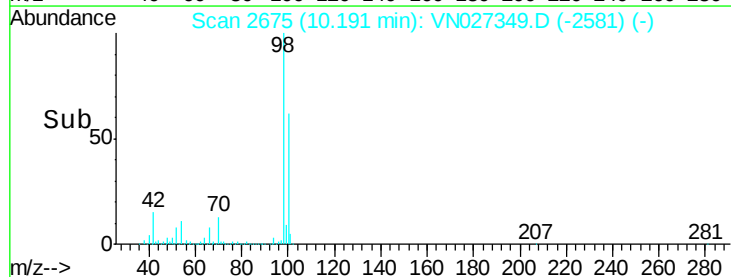
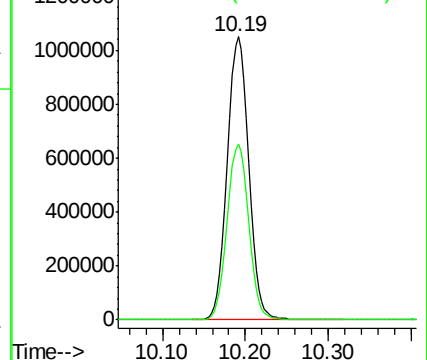
98 100

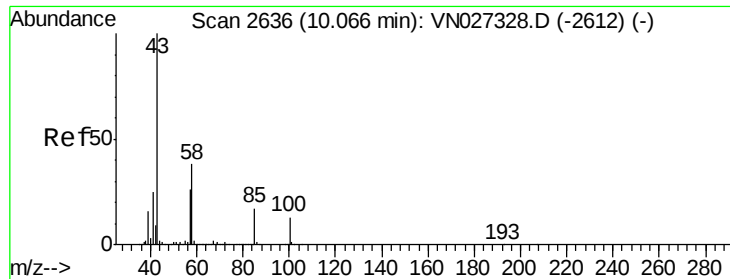
100 62.5 50.5 75.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

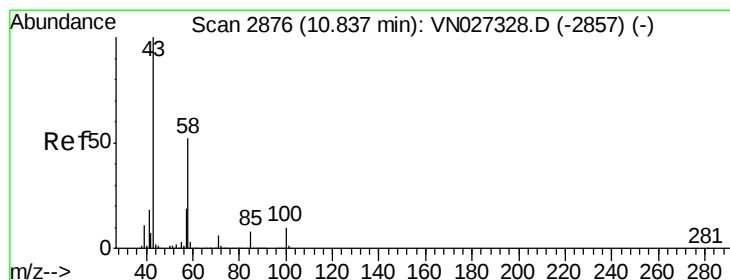
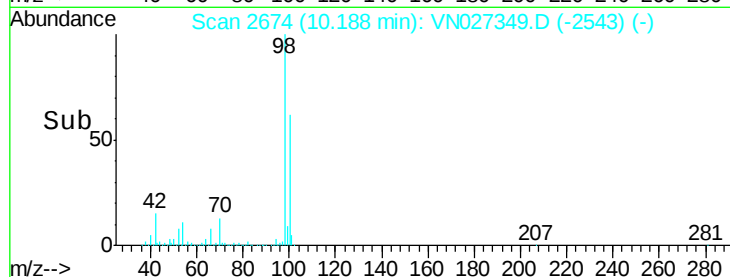
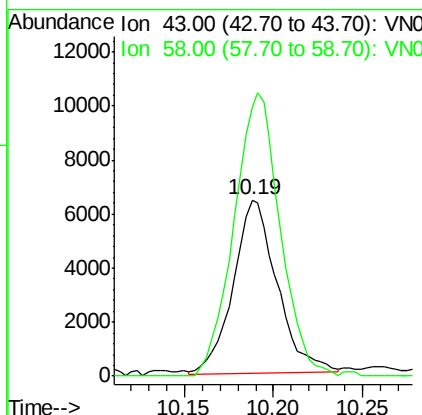
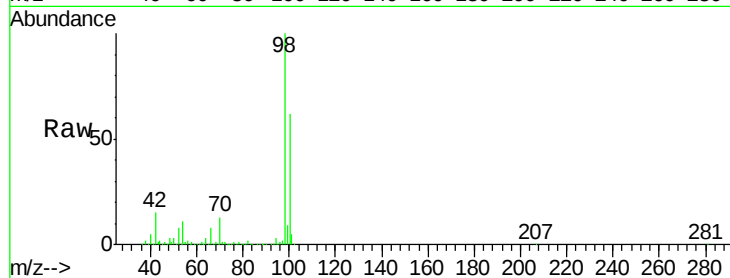




#52
 4-Methyl-2-Pentanone
 Concen: 1.04 ug/l
 RT: 10.19 min Scan# 2674
 Delta R.T. 0.12 min
 Lab File: VN027349.D
 Acq: 22 Sep 2015 00:40

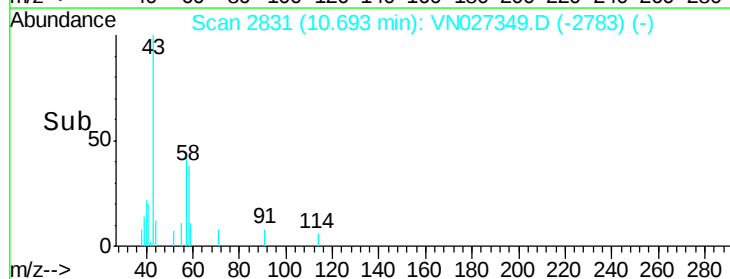
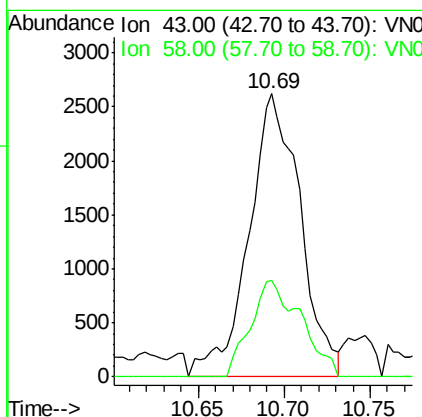
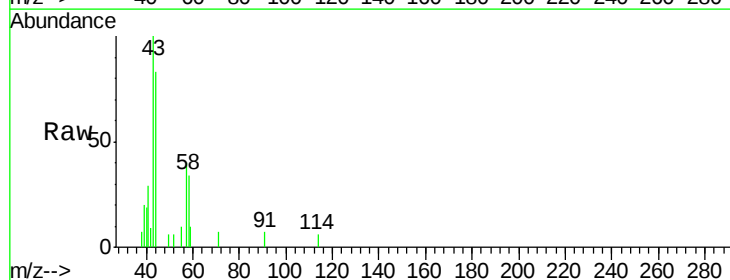
Instrument :
 MSVOA_N
 ClientSampleId :
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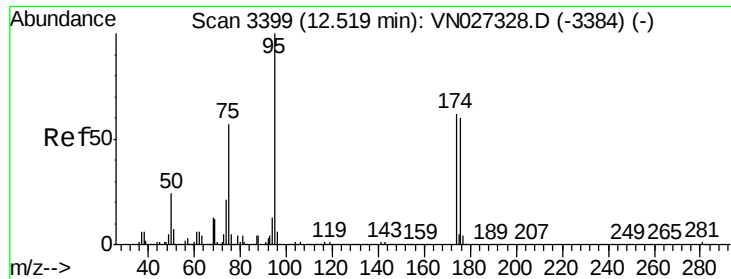
Tgt Ion: 43 Resp: 11041
 Ion Ratio Lower Upper
 43 100
 58 171.2 29.8 44.8#



#60
 2-Hexanone
 Concen: 0.76 ug/l
 RT: 10.69 min Scan# 2831
 Delta R.T. -0.14 min
 Lab File: VN027349.D
 Acq: 22 Sep 2015 00:40

Tgt Ion: 43 Resp: 5446
 Ion Ratio Lower Upper
 43 100
 58 33.1 26.2 78.5

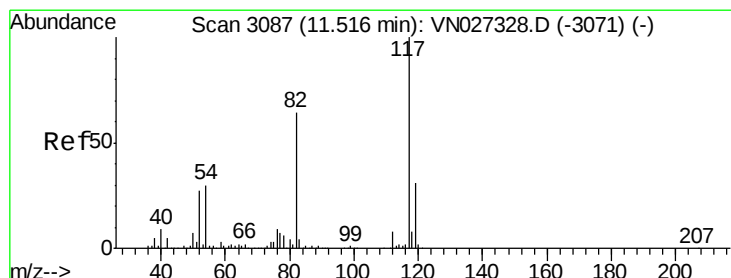
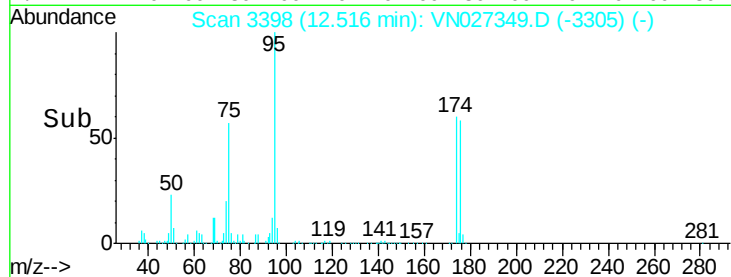
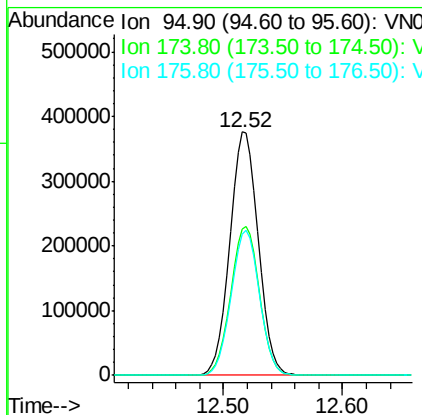
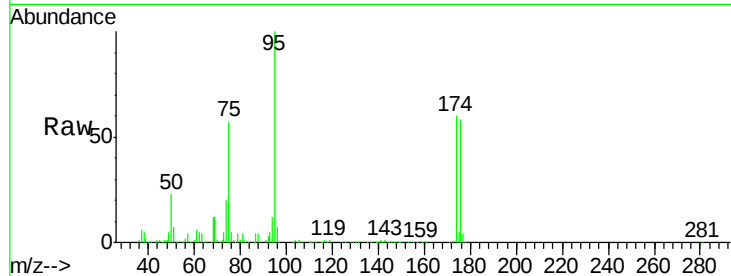




#63
4-Bromofluorobenzene
Concen: 52.50 ug/l
RT: 12.52 min Scan# 3398
Delta R.T. -0.00 min
Lab File: VN027349.D
Acq: 22 Sep 2015 00:40

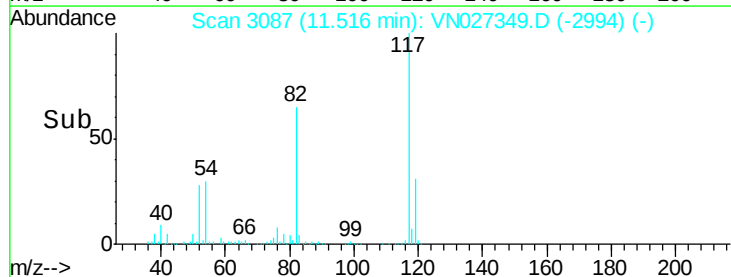
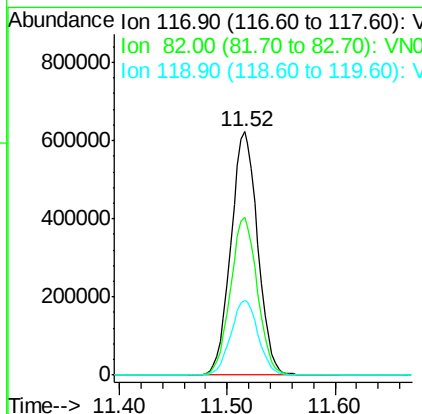
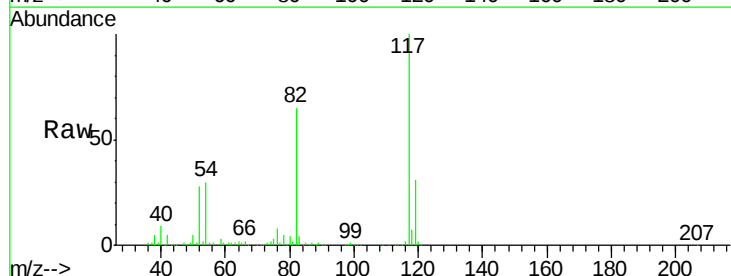
Instrument :
MSVOA_N
ClientSampleId :
EQUIPMENTBLANK

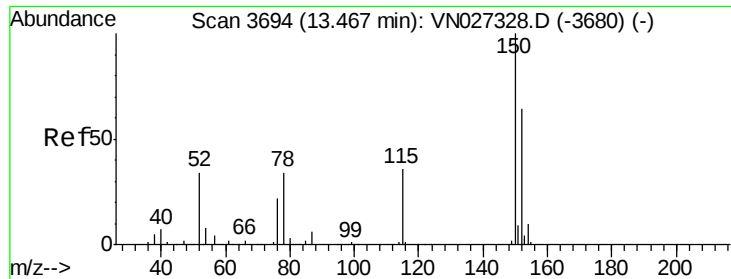
Tgt Ion: 95 Resp: 622613
Ion Ratio Lower Upper
95 100
174 61.8 0.0 137.0
176 59.3 0.0 130.8



#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027349.D
Acq: 22 Sep 2015 00:40

Tgt Ion: 117 Resp: 1078045
Ion Ratio Lower Upper
117 100
82 64.8 49.6 74.4
119 30.8 24.6 36.8

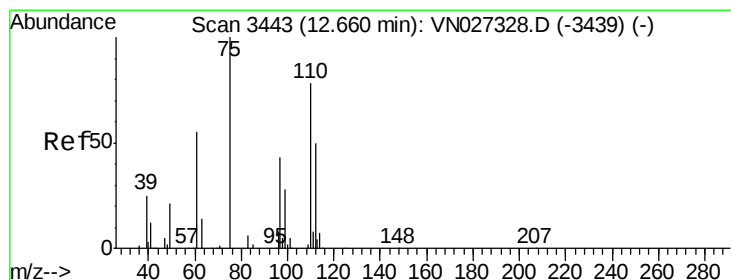
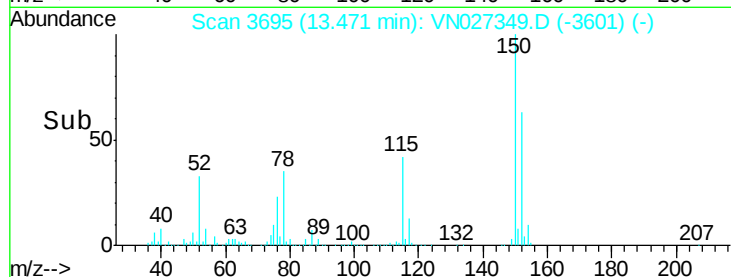
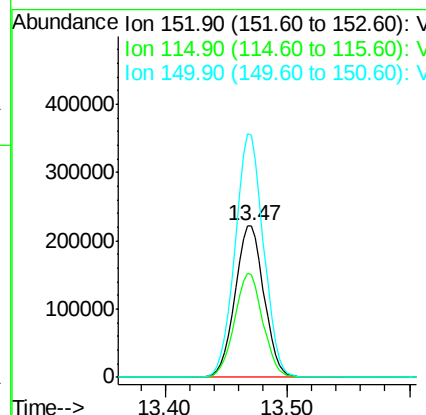
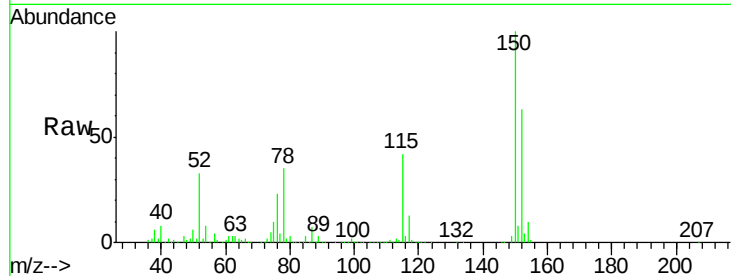




#73
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.47 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN027349.D
 Acq: 22 Sep 2015 00:40

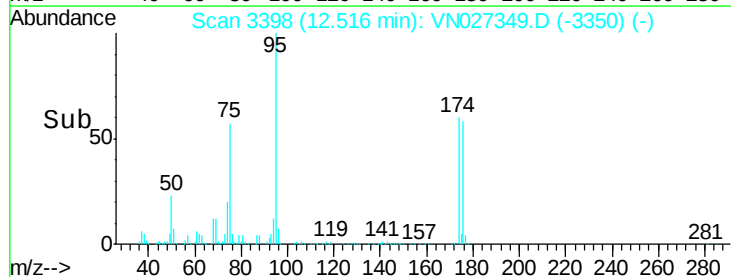
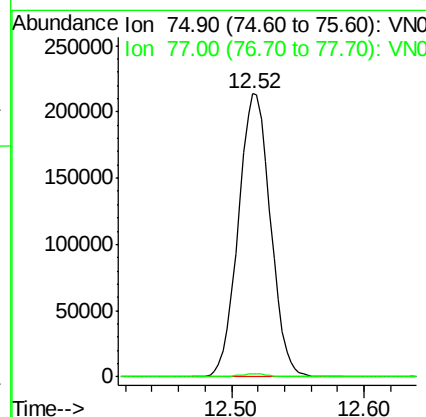
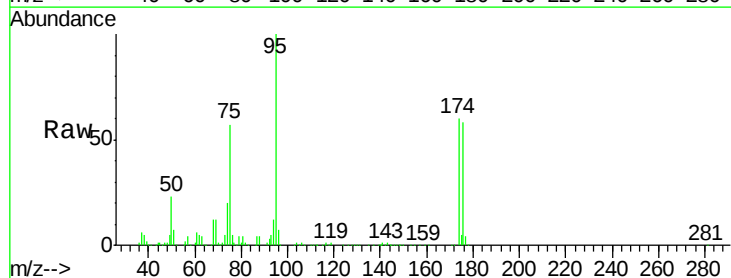
Instrument :
 MSVOA_N
 ClientSampleId :
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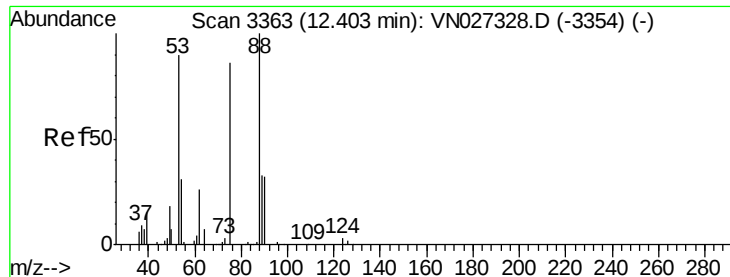
Tgt Ion:152 Resp: 366808
 Ion Ratio Lower Upper
 152 100
 115 67.1 30.8 92.3
 150 157.6 0.0 345.0



#77
 1,2,3-Trichloropropane
 Concen: 39.08 ug/l
 RT: 12.52 min Scan# 3398
 Delta R.T. -0.14 min
 Lab File: VN027349.D
 Acq: 22 Sep 2015 00:40

Tgt Ion: 75 Resp: 359899
 Ion Ratio Lower Upper
 75 100
 77 1.0 103.1 309.3#





#82

trans-1,4-Dichloro-2-butene

Concen: 100.21 ug/l

RT: 12.52 min Scan# 3398

Delta R.T. 0.11 min

Lab File: VN027349.D

Acq: 22 Sep 2015 00:40

Instrument :

MSVOA_N

ClientSampleId :

EQUIPMENTBLANK

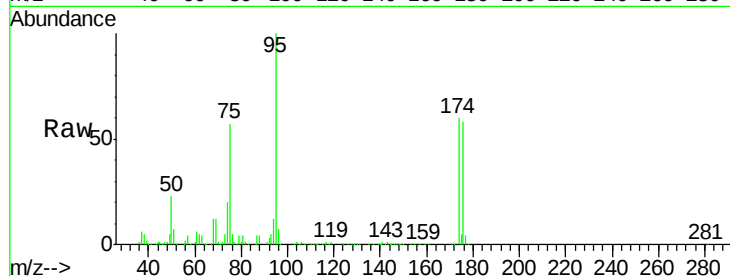
Tgt Ion: 75 Resp: 359899

Ion Ratio Lower Upper

75 100

53 0.0 92.9 139.3#

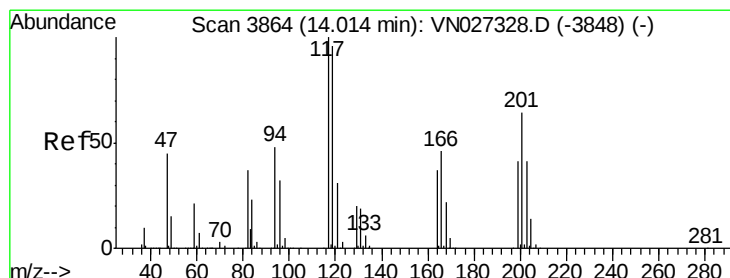
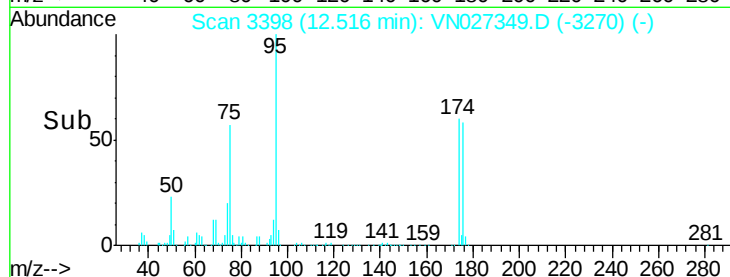
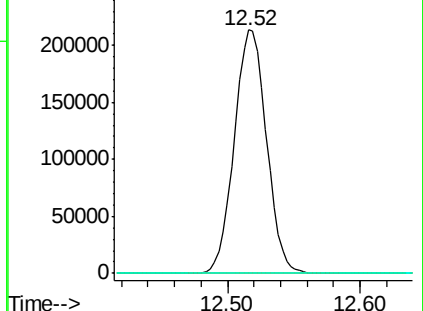
89 0.0 34.2 51.4#



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



#91

Hexachloroethane

Concen: 0.32 ug/l

RT: 13.77 min Scan# 3788

Delta R.T. -0.24 min

Lab File: VN027349.D

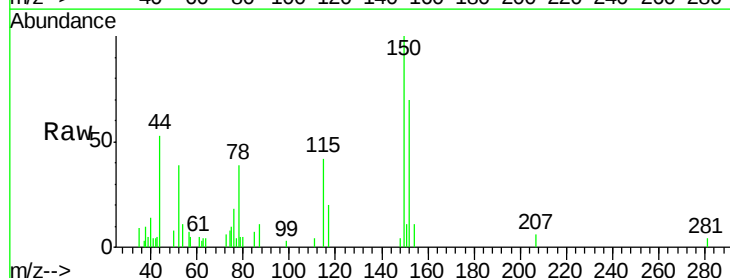
Acq: 22 Sep 2015 00:40

Tgt Ion: 117 Resp: 1823

Ion Ratio Lower Upper

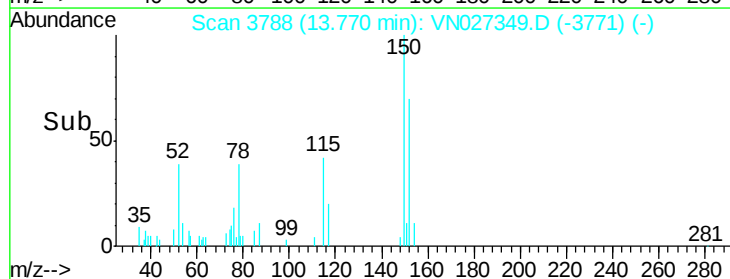
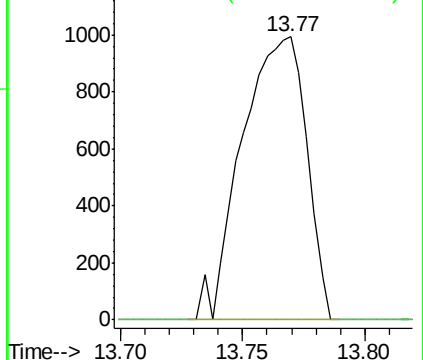
117 100

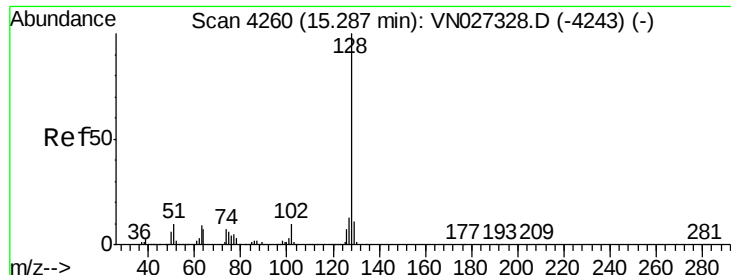
201 0.0 34.9 104.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#96

Naphthalene

Concen: 3.84 ug/l

RT: 15.29 min Scan# 4262

Delta R.T. 0.01 min

Lab File: VN027349.D

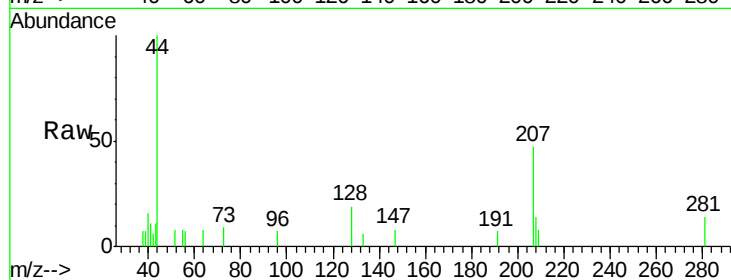
Acq: 22 Sep 2015 00:40

Instrument :

MSVOA_N

ClientSampleId :

EQUIPMENTBLANK



Tgt Ion:	128	Resp:	575
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.6	12.8#

