

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN092115\
 Data File : VN027348.D
 Acq On : 22 Sep 2015 00:12
 Operator : MD\FY
 Sample : G3767-16
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ERD45-RINSATE

Quant Time: Sep 22 03:42:36 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	712538	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1276933	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1084141	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	375264	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	714286	51.21	ug/l	0.00
Spiked Amount			Recovery	=	102.42%	
36) Dibromofluoromethane	7.68	113	454203	54.52	ug/l	0.00
Spiked Amount			Recovery	=	109.04%	
51) Toluene-d8	10.19	98	1862040	57.81	ug/l	0.00
Spiked Amount			Recovery	=	115.62%	
63) 4-Bromofluorobenzene	12.52	95	625334	53.44	ug/l	0.00
Spiked Amount			Recovery	=	106.88%	

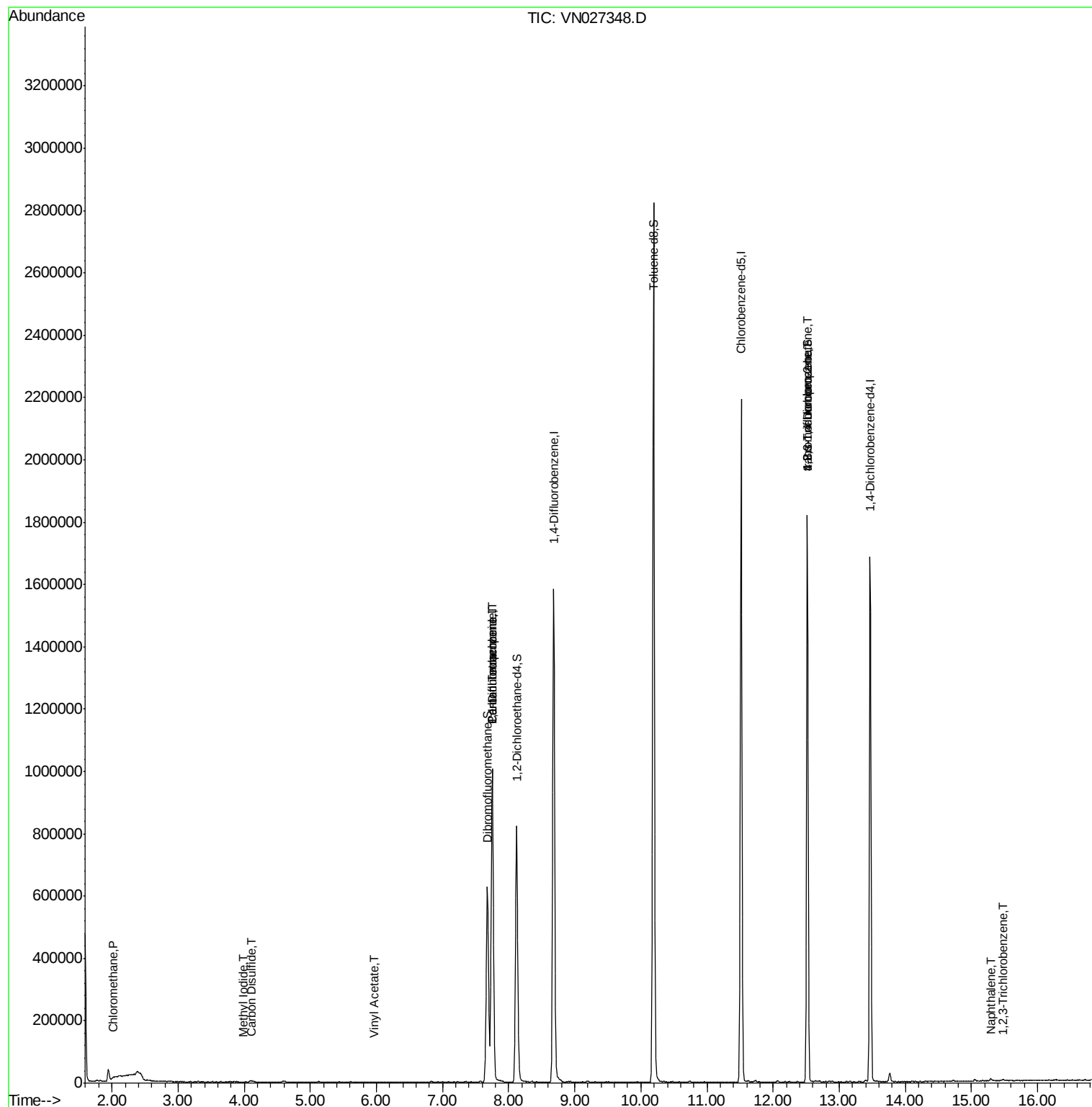
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Chloromethane	2.00	50	2239	0.26	ug/l #	72
11) Methyl Iodide	3.99	142	281	2.42	ug/l #	78
18) Carbon Disulfide	4.12	76	5101	0.21	ug/l	99
24) Vinyl Acetate	5.97	43	111	9.29	ug/l #	76
32) Cyclohexane	7.75	56	23651	Below Cal	#	12
37) 1,1-Dichloropropene	7.75	75	75722	5.50	ug/l #	51
39) Carbon Tetrachloride	7.75	117	80405	6.21	ug/l #	16
77) 1,2,3-Trichloropropane	12.52	75	359883	38.20	ug/l #	1
82) trans-1,4-Dichloro-2-buten	12.52	75	359883	97.95	ug/l #	4
96) Naphthalene	15.29	128	6335	4.11	ug/l #	87
97) 1,2,3-Trichlorobenzene	15.47	180	1359	0.21	ug/l #	88

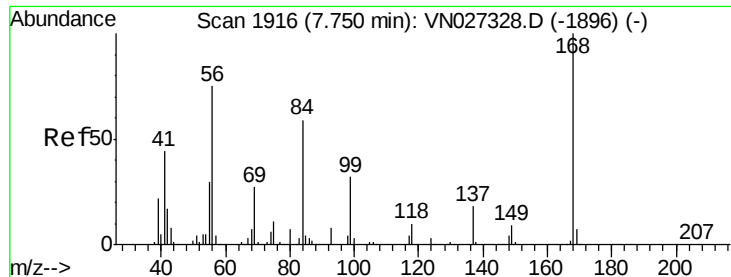
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN027348.D

Acq: 22 Sep 2015 00:12

Instrument :

MSVOA_N

ClientSampleId :

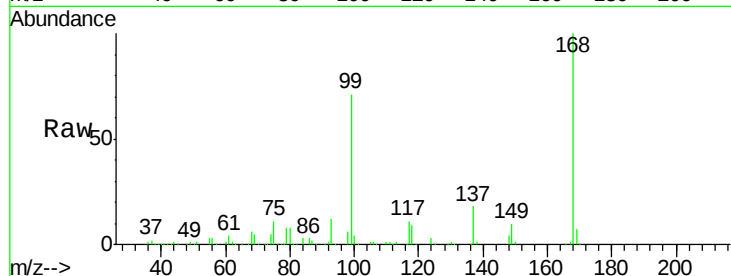
ERD45-RINSATE

Tgt Ion:168 Resp: 712538

Ion Ratio Lower Upper

168 100

99 71.4 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

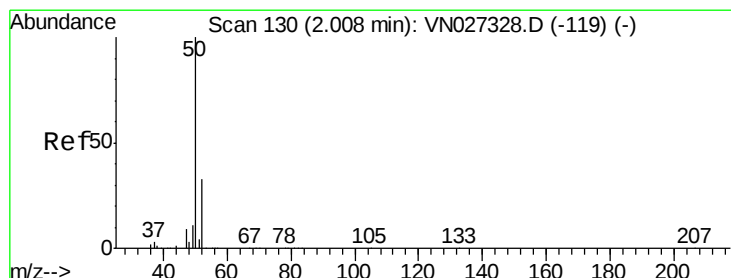
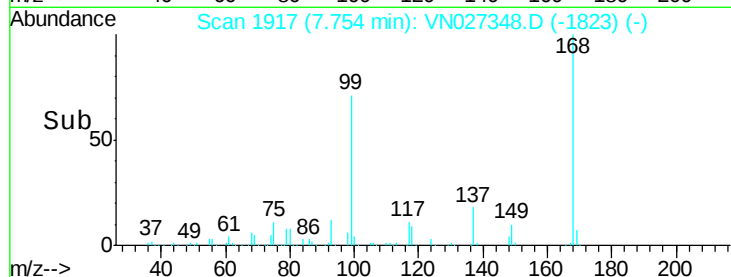
300000

200000

100000

0

Time-->



#4

Chloromethane

Concen: 0.26 ug/l

RT: 2.00 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN027348.D

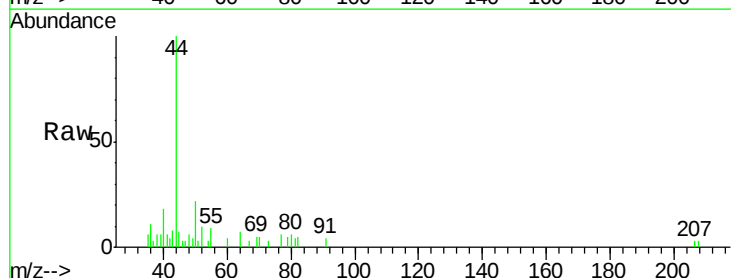
Acq: 22 Sep 2015 00:12

Tgt Ion: 50 Resp: 2239

Ion Ratio Lower Upper

50 100

52 48.2 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.00

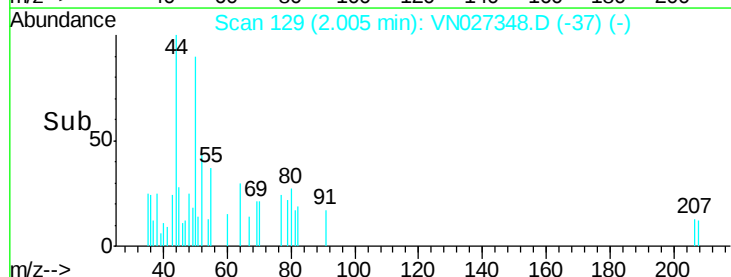
1500

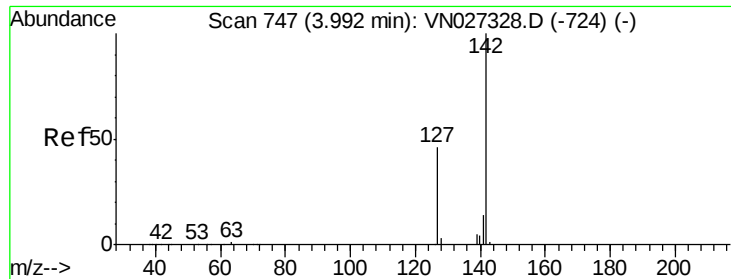
1000

500

0

Time-->

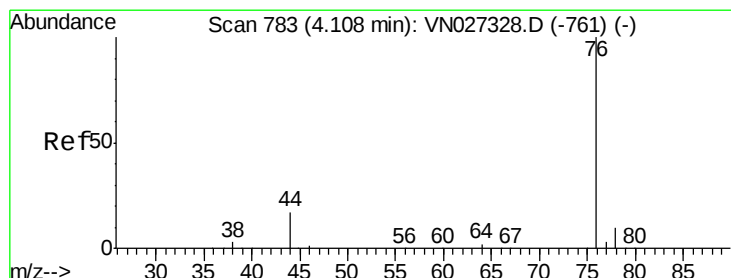
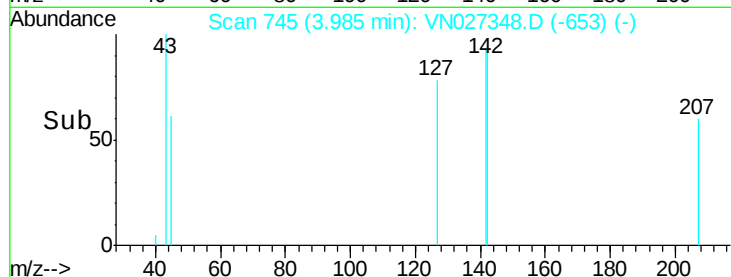
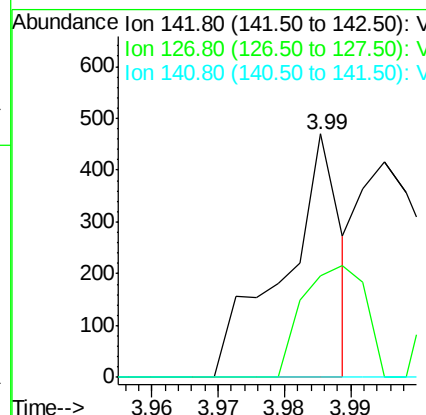
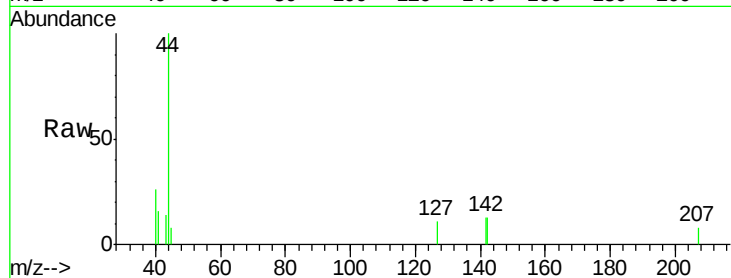




#11
Methyl Iodide
Concen: 2.42 ug/l
RT: 3.99 min Scan# 745
Delta R.T. -0.01 min
Lab File: VN027348.D
Acq: 22 Sep 2015 00:12

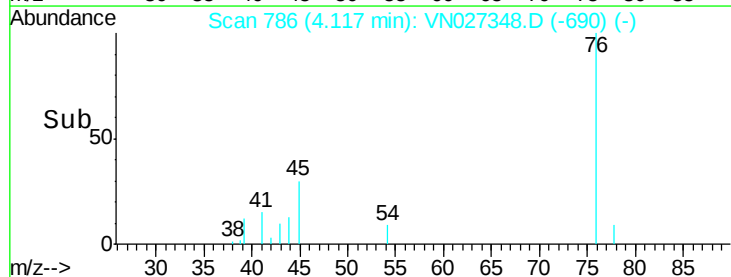
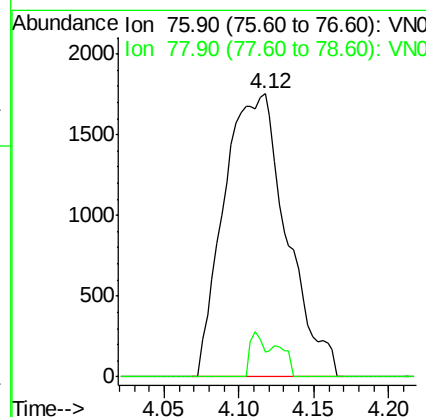
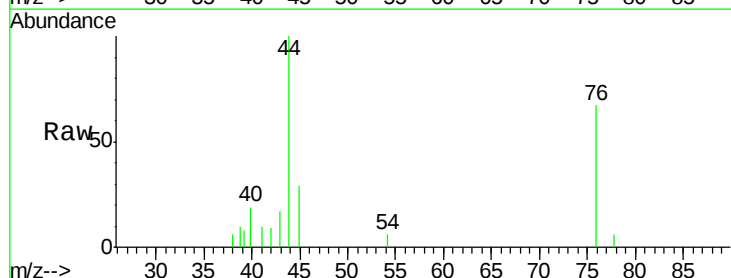
Instrument :
MSVOA_N
ClientSampleId :
ERD45-RINSATE

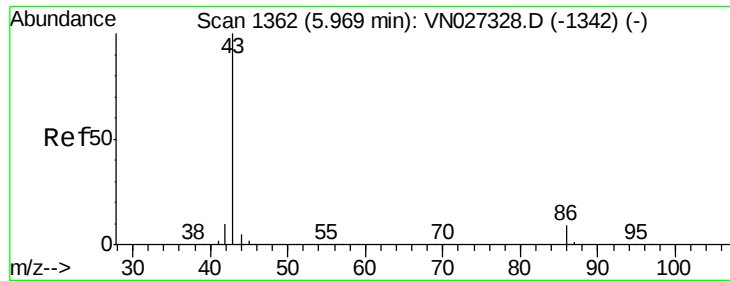
Tgt Ion: 142 Resp: 281
Ion Ratio Lower Upper
142 100
127 51.2 32.3 48.5#
141 0.0 11.2 16.8#



#18
Carbon Disulfide
Concen: 0.21 ug/l
RT: 4.12 min Scan# 786
Delta R.T. 0.01 min
Lab File: VN027348.D
Acq: 22 Sep 2015 00:12

Tgt Ion: 76 Resp: 5101
Ion Ratio Lower Upper
76 100
78 8.6 7.1 10.7

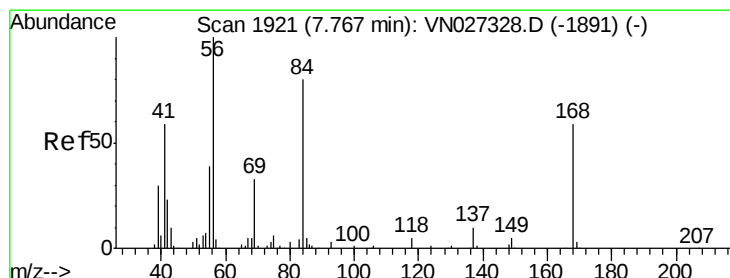
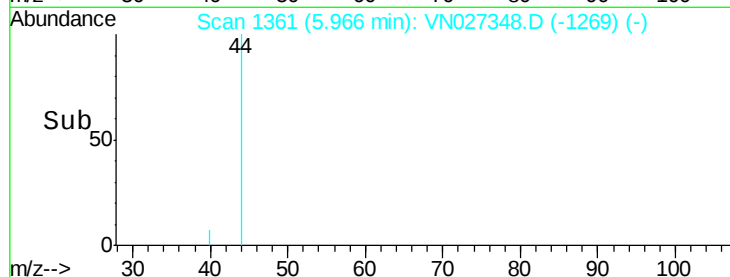
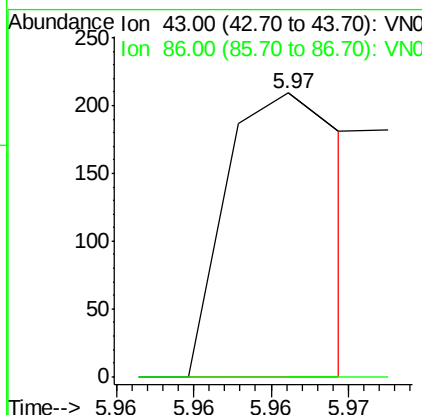
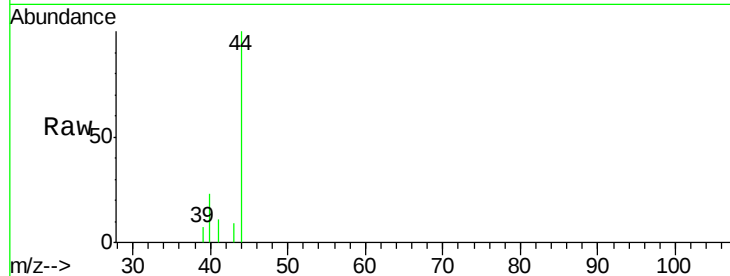




#24
 Vinyl Acetate
 Concen: 9.29 ug/l
 RT: 5.97 min Scan# 1361
 Delta R.T. -0.00 min
 Lab File: VN027348.D
 Acq: 22 Sep 2015 00:12

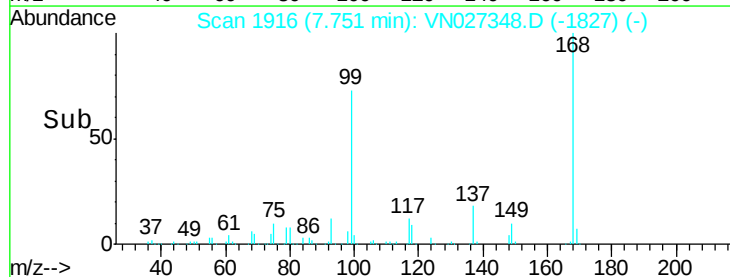
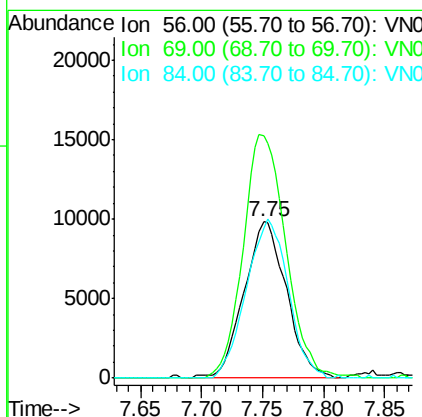
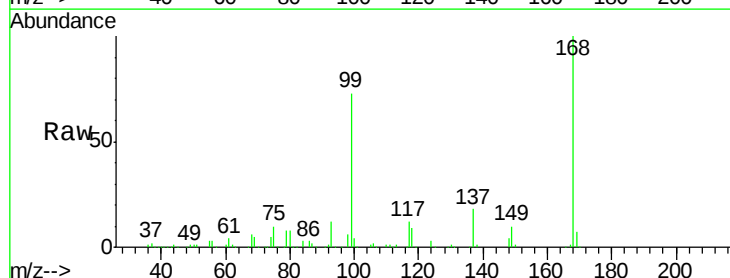
Instrument :
 MSVOA_N
 ClientSampleId :
 ERD45-RINSATE

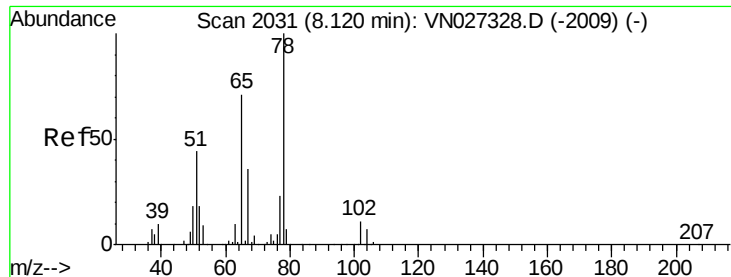
Tgt Ion: 43 Resp: 111
 Ion Ratio Lower Upper
 43 100
 86 0.0 6.9 10.3#



#32
 Cyclohexane
 Concen: Below Cal
 RT: 7.75 min Scan# 1916
 Delta R.T. -0.02 min
 Lab File: VN027348.D
 Acq: 22 Sep 2015 00:12

Tgt Ion: 56 Resp: 23651
 Ion Ratio Lower Upper
 56 100
 69 155.1 23.0 34.4#
 84 95.8 57.8 86.8#

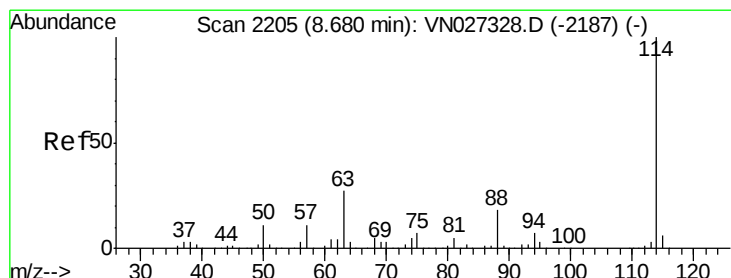
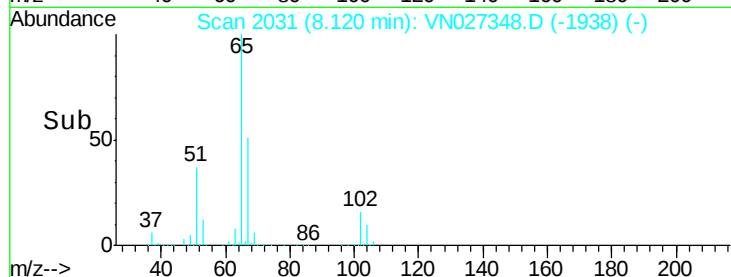
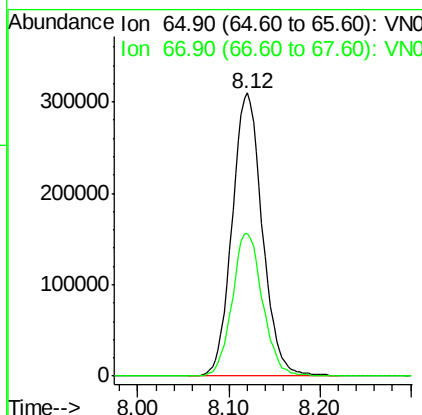
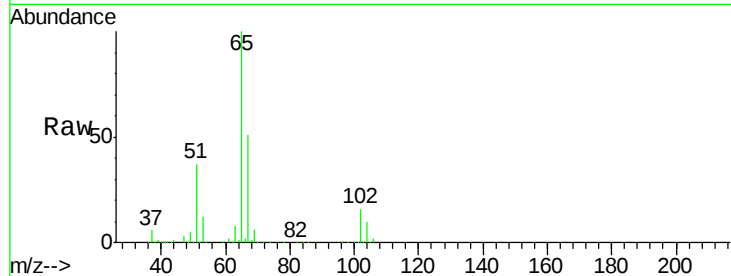




#34
 1,2-Dichloroethane-d4
 Concen: 51.21 ug/l
 RT: 8.12 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: VN027348.D
 Acq: 22 Sep 2015 00:12

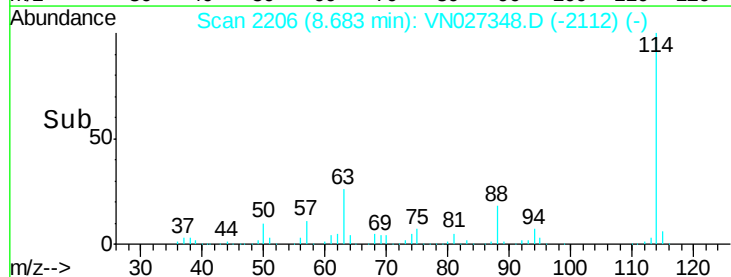
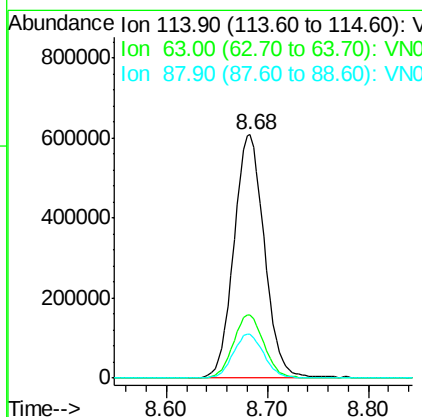
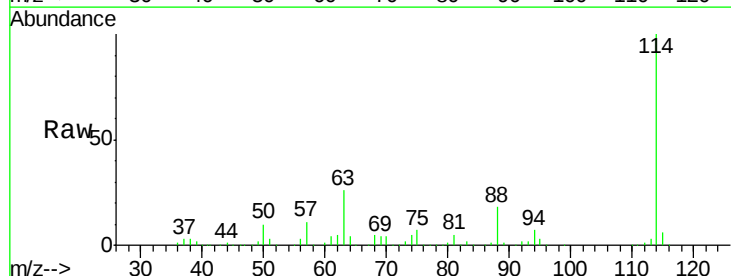
Instrument :
 MSVOA_N
 ClientSampleId :
 ERD45-RINSATE

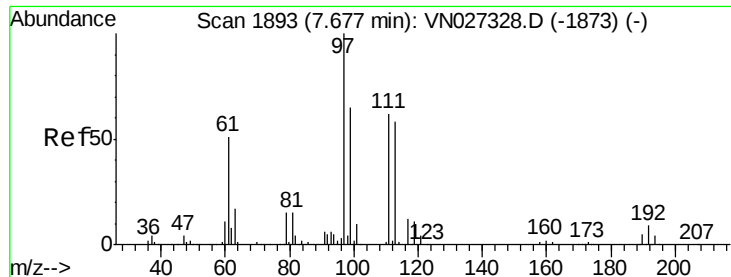
Tgt Ion: 65 Resp: 714286
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 110.6



#35
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.68 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: VN027348.D
 Acq: 22 Sep 2015 00:12

Tgt Ion: 114 Resp: 1276933
 Ion Ratio Lower Upper
 114 100
 63 25.9 0.0 48.8
 88 17.8 0.0 32.2

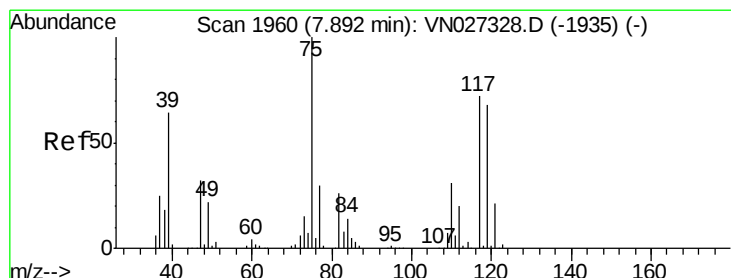
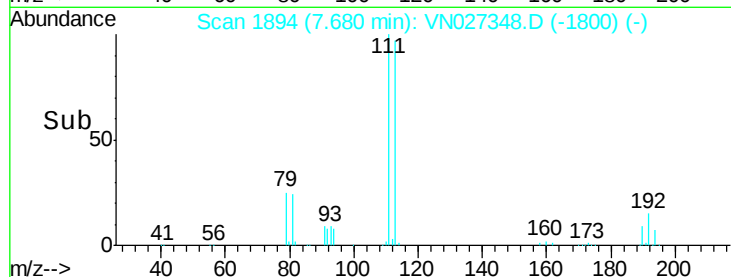
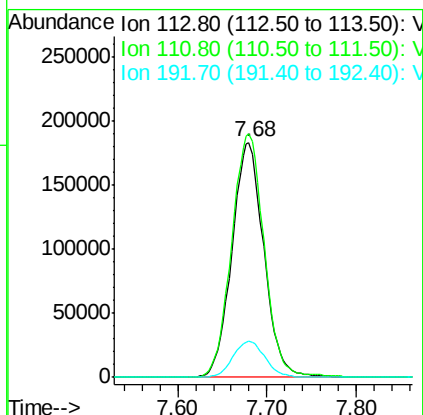
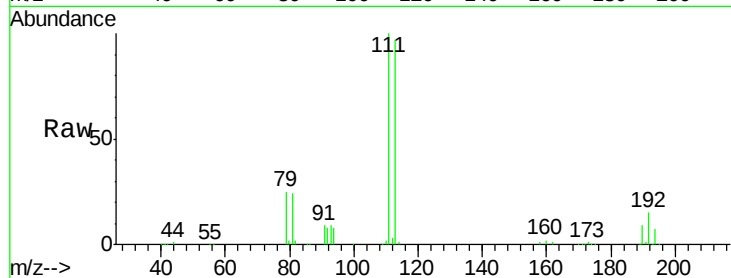




#36
 Dibromofluoromethane
 Concen: 54.52 ug/l
 RT: 7.68 min Scan# 1894
 Delta R.T. 0.00 min
 Lab File: VN027348.D
 Acq: 22 Sep 2015 00:12

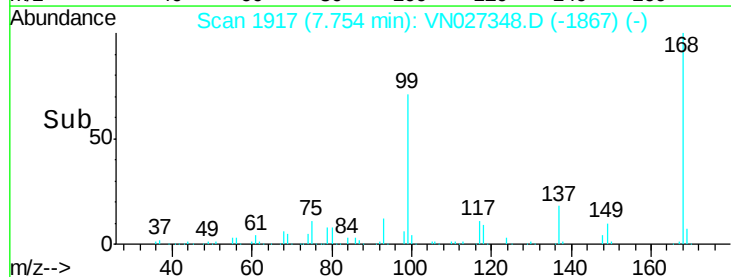
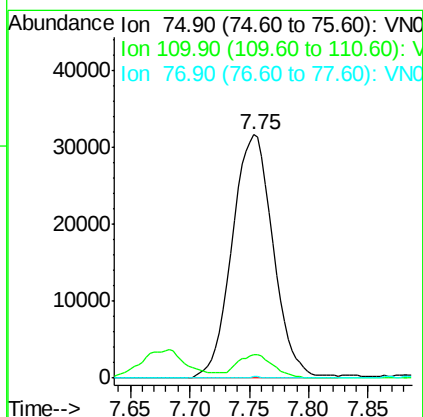
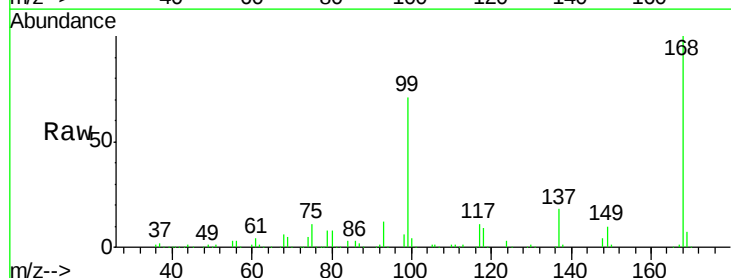
Instrument :
 MSVOA_N
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 ERD45-RINSATE

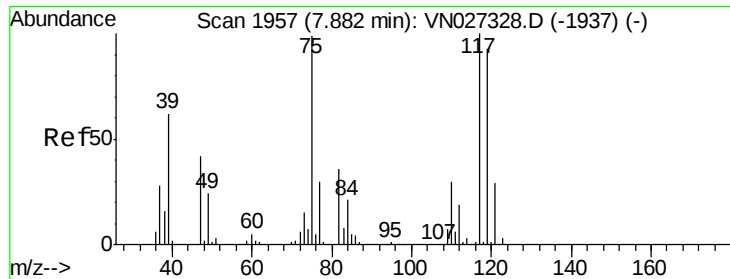
Tgt Ion: 113 Resp: 454203
 Ion Ratio Lower Upper
 113 100
 111 105.2 83.0 124.4
 192 15.6 14.1 21.1



#37
 1,1-Dichloropropene
 Concen: 5.50 ug/l
 RT: 7.75 min Scan# 1917
 Delta R.T. -0.14 min
 Lab File: VN027348.D
 Acq: 22 Sep 2015 00:12

Tgt Ion: 75 Resp: 75722
 Ion Ratio Lower Upper
 75 100
 110 8.5 15.9 47.7#
 77 0.1 24.9 37.3#





#39

Carbon Tetrachloride

Concen: 6.21 ug/l

RT: 7.75 min Scan# 1916

Delta R.T. -0.13 min

Lab File: VN027348.D

Acq: 22 Sep 2015 00:12

Instrument :

MSVOA_N

ClientSampleId :

ERD45-RINSATE

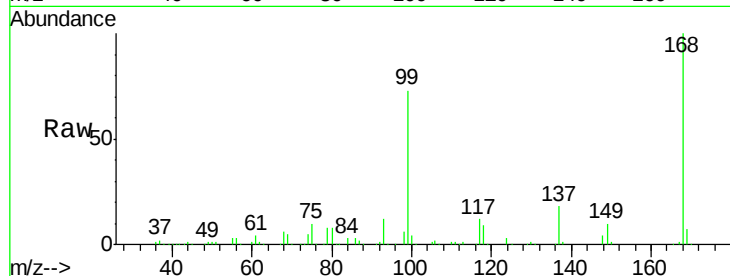
Tgt Ion:117 Resp: 80405

Ion Ratio Lower Upper

117 100

119 3.8 75.3 112.9#

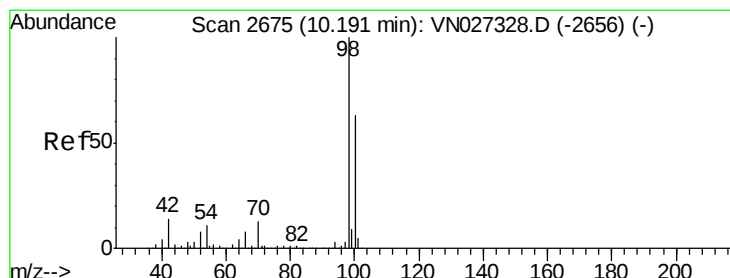
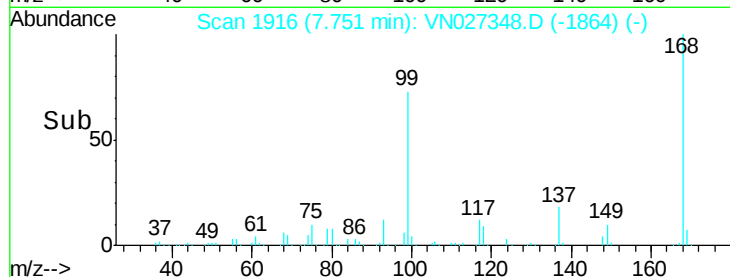
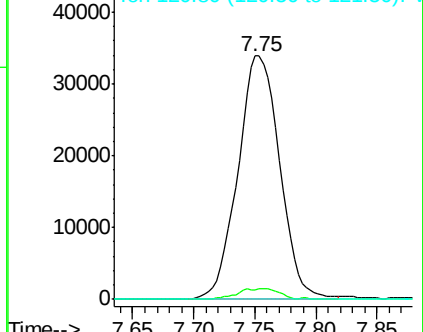
121 0.0 23.8 35.8#



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: 57.81 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027348.D

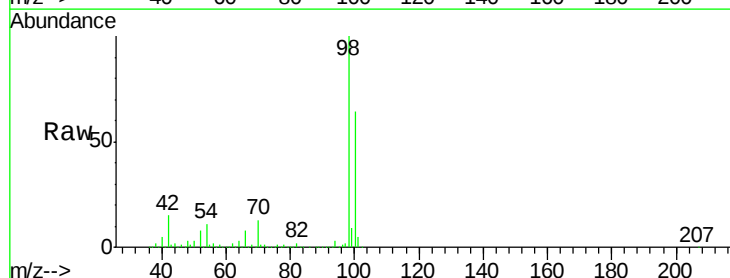
Acq: 22 Sep 2015 00:12

Tgt Ion: 98 Resp: 1862040

Ion Ratio Lower Upper

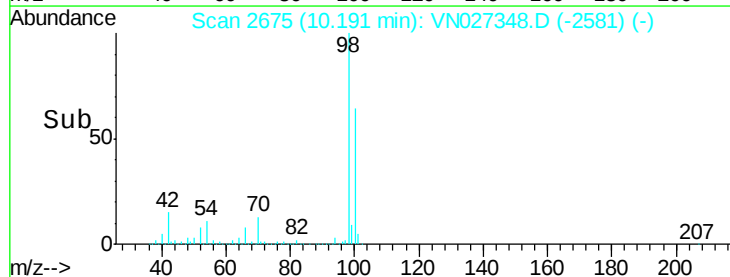
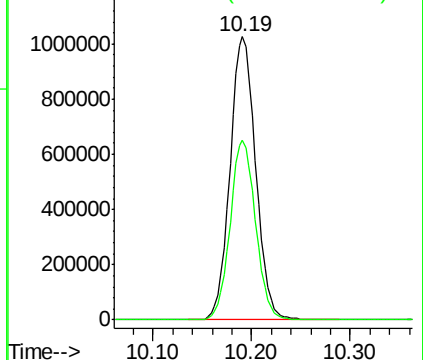
98 100

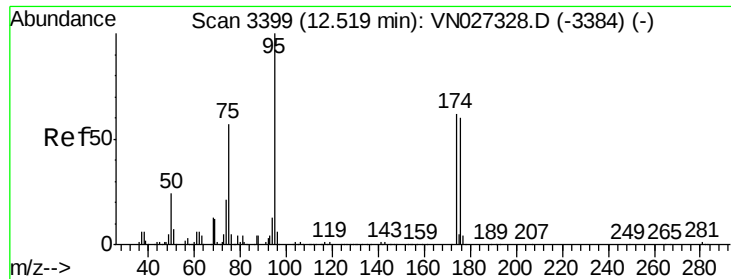
100 63.0 50.5 75.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

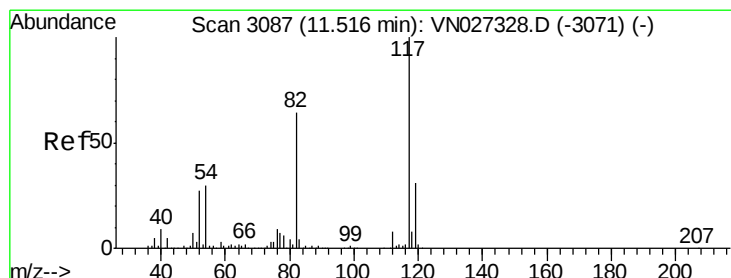
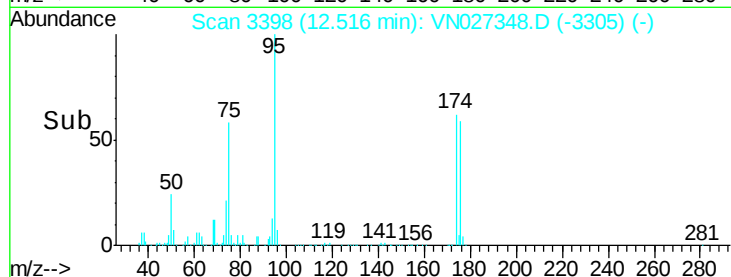
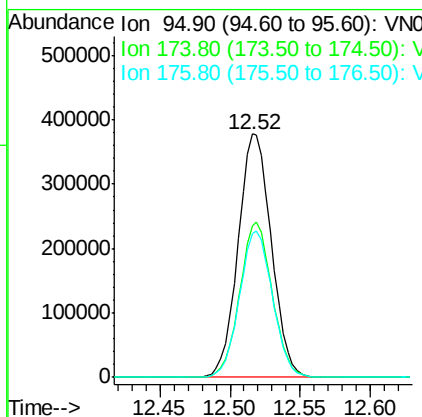
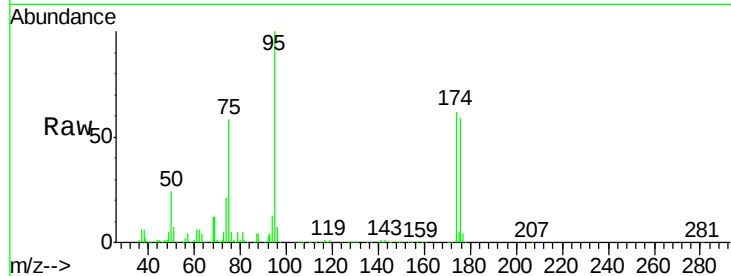




#63
4-Bromofluorobenzene
Concen: 53.44 ug/l
RT: 12.52 min Scan# 3398
Delta R.T. -0.00 min
Lab File: VN027348.D
Acq: 22 Sep 2015 00:12

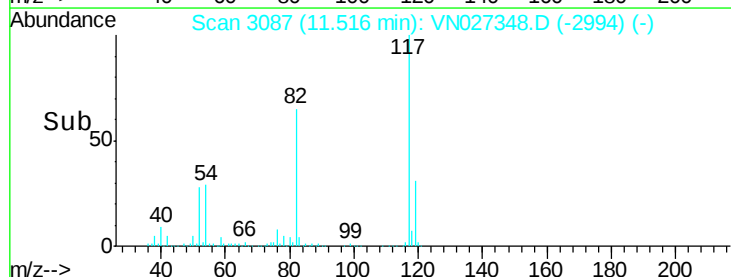
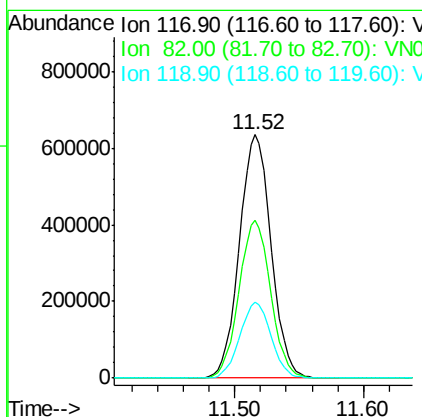
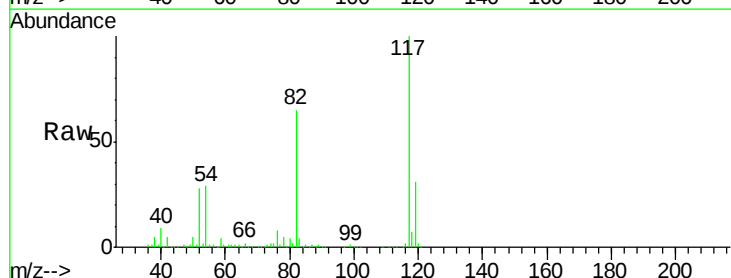
Instrument :
MSVOA_N
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ERD45-RINSATE

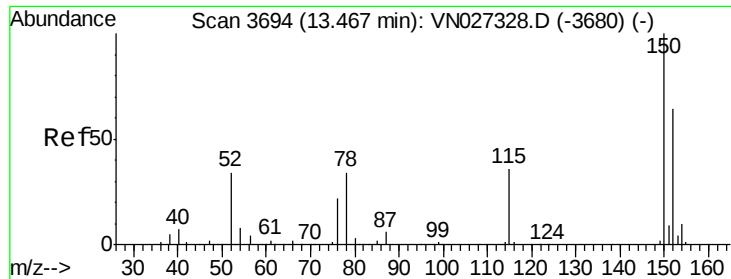
Tgt Ion: 95 Resp: 625334
Ion Ratio Lower Upper
95 100
174 62.3 0.0 137.0
176 59.8 0.0 130.8



#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027348.D
Acq: 22 Sep 2015 00:12

Tgt Ion: 117 Resp: 1084141
Ion Ratio Lower Upper
117 100
82 64.8 49.6 74.4
119 31.3 24.6 36.8

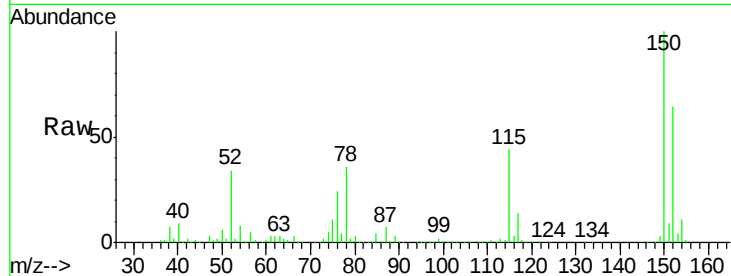




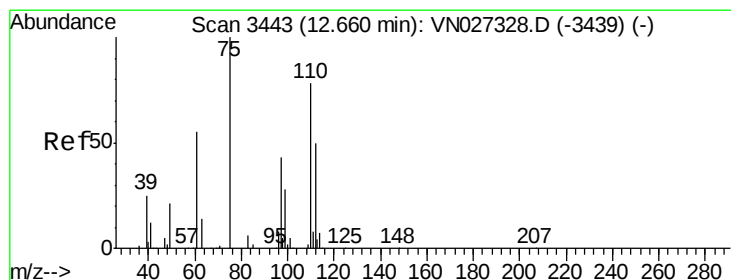
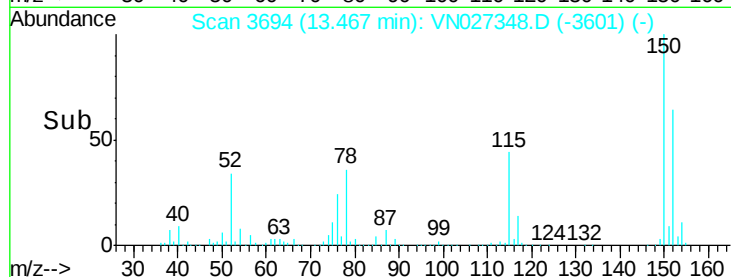
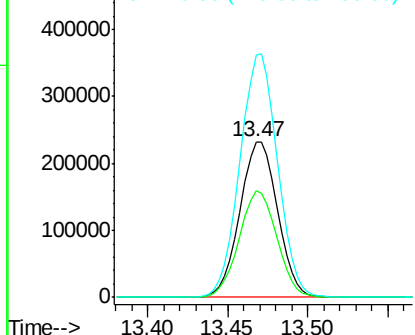
#73
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.47 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN027348.D
 Acq: 22 Sep 2015 00:12

Instrument :
 MSVOA_N
 ClientSampleId :
 ERD45-RINSATE

Tgt Ion:152 Resp: 375264
 Ion Ratio Lower Upper
 152 100
 115 68.3 30.8 92.3
 150 156.2 0.0 345.0

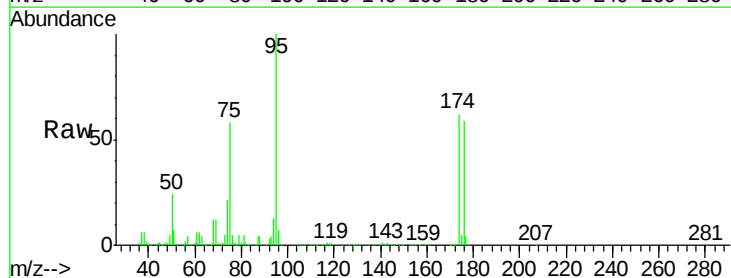


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

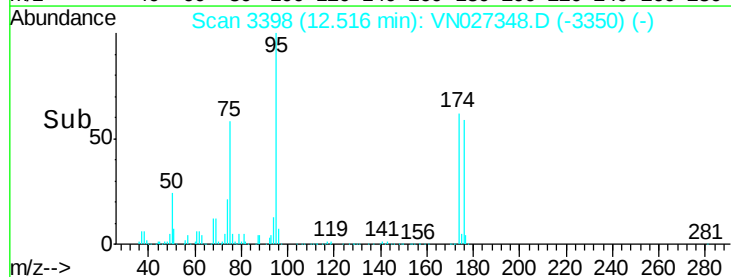
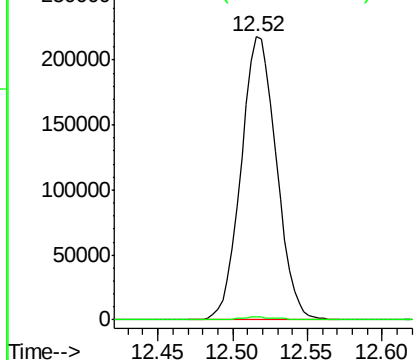


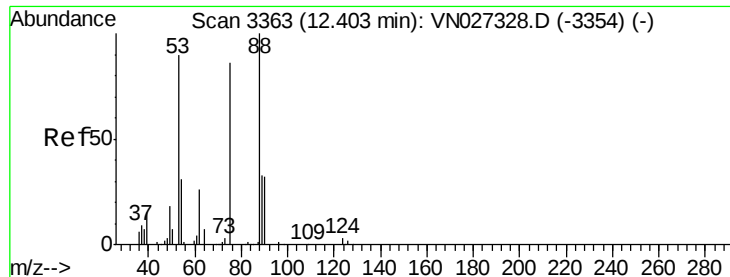
#77
 1,2,3-Trichloropropane
 Concen: 38.20 ug/l
 RT: 12.52 min Scan# 3398
 Delta R.T. -0.14 min
 Lab File: VN027348.D
 Acq: 22 Sep 2015 00:12

Tgt Ion: 75 Resp: 359883
 Ion Ratio Lower Upper
 75 100
 77 1.1 103.1 309.3#



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 77.00 (76.70 to 77.70): V





#82

trans-1,4-Dichloro-2-butene

Concen: 97.95 ug/l

RT: 12.52 min Scan# 3398

Delta R.T. 0.11 min

Lab File: VN027348.D

Acq: 22 Sep 2015 00:12

Instrument :

MSVOA_N

ClientSampleId :

ERD45-RINSATE

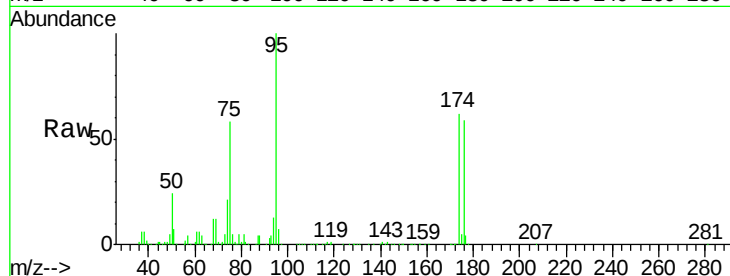
Tgt Ion: 75 Resp: 359883

Ion Ratio Lower Upper

75 100

53 0.0 92.9 139.3#

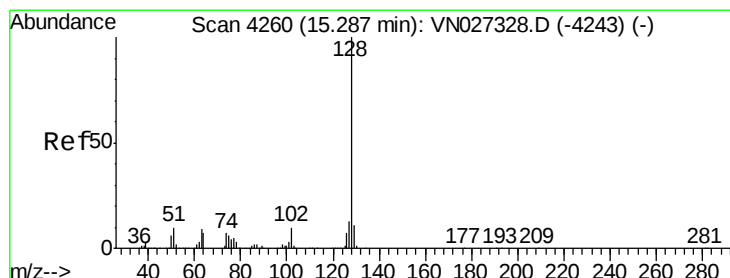
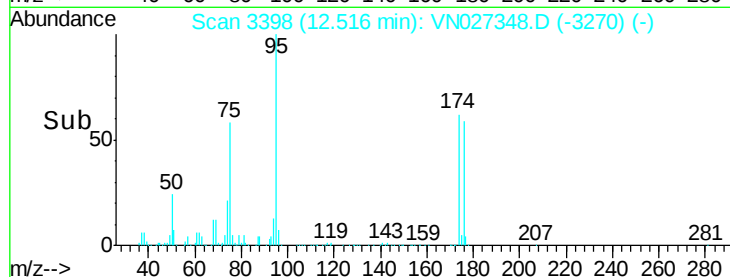
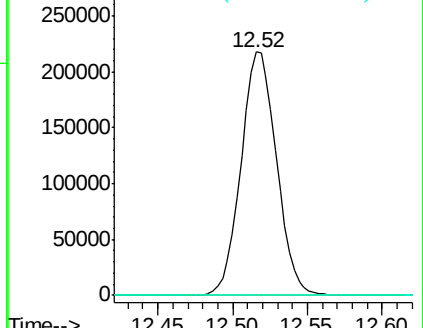
89 0.0 34.2 51.4#



Abundance Ion 74.90 (74.60 to 75.60): VN027348.D (-3270) (-)

Ion 53.00 (52.70 to 53.70): VN027348.D (-3270) (-)

Ion 88.90 (88.60 to 89.60): VN027348.D (-3270) (-)



#96

Naphthalene

Concen: 4.11 ug/l

RT: 15.29 min Scan# 4262

Delta R.T. 0.01 min

Lab File: VN027348.D

Acq: 22 Sep 2015 00:12

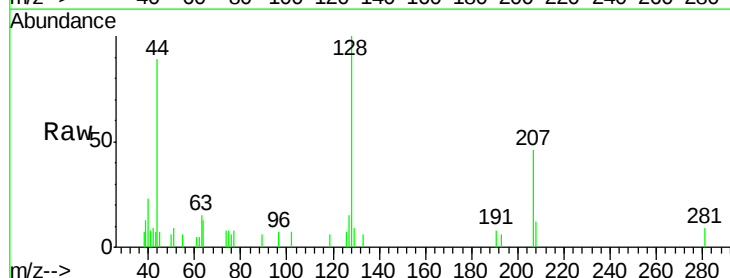
Tgt Ion: 128 Resp: 6335

Ion Ratio Lower Upper

128 100

127 5.5 10.4 15.6#

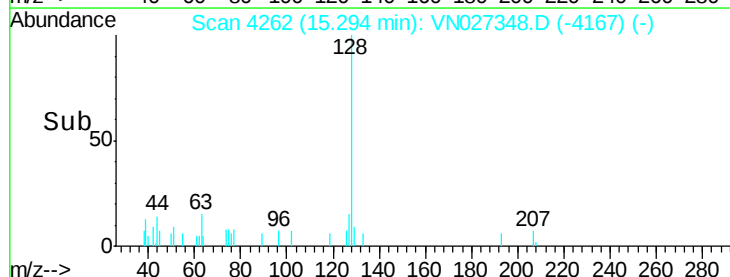
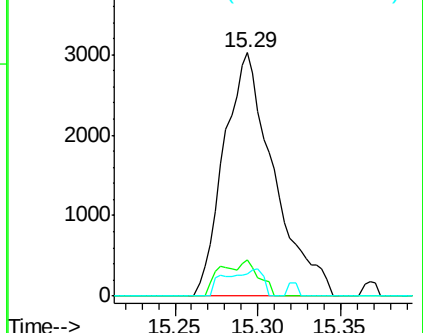
129 8.1 8.6 12.8#

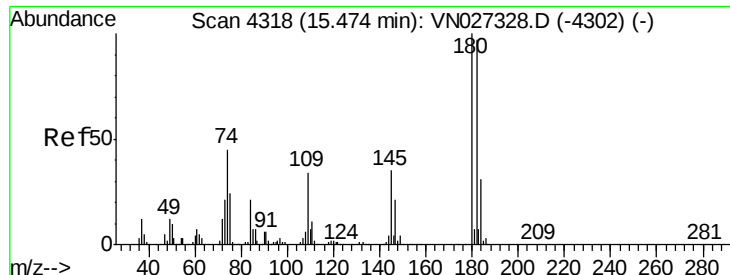


Abundance Ion 128.00 (127.70 to 128.70): VN027348.D (-4167) (-)

Ion 127.00 (126.70 to 127.70): VN027348.D (-4167) (-)

Ion 129.00 (128.70 to 129.70): VN027348.D (-4167) (-)





#97
 1,2,3-Trichlorobenzene
 Concen: 0.21 ug/l
 RT: 15.47 min Scan# 4318
 Delta R.T. 0.00 min
 Lab File: VN027348.D
 Acq: 22 Sep 2015 00:12

Instrument :
 MSVOA_N
 ClientSampleId :
 ERD45-RINSATE

Tgt Ion:180 Resp: 1359
 Ion Ratio Lower Upper
 180 100
 182 98.6 48.8 146.4
 145 7.8 16.6 49.8#

