

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN092115\
 Data File : VN027356.D
 Acq On : 22 Sep 2015 3:53
 Operator : MD\FY
 Sample : G3712-15
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ERD45-RINSATE

Quant Time: Sep 22 04:20:29 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	702594	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1277307	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1103307	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	384498	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	726775	52.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.68%	
36) Dibromofluoromethane	7.68	113	453282	54.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.78%	
51) Toluene-d8	10.19	98	1884143	58.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.96%	
63) 4-Bromofluorobenzene	12.52	95	628332	53.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.36%	

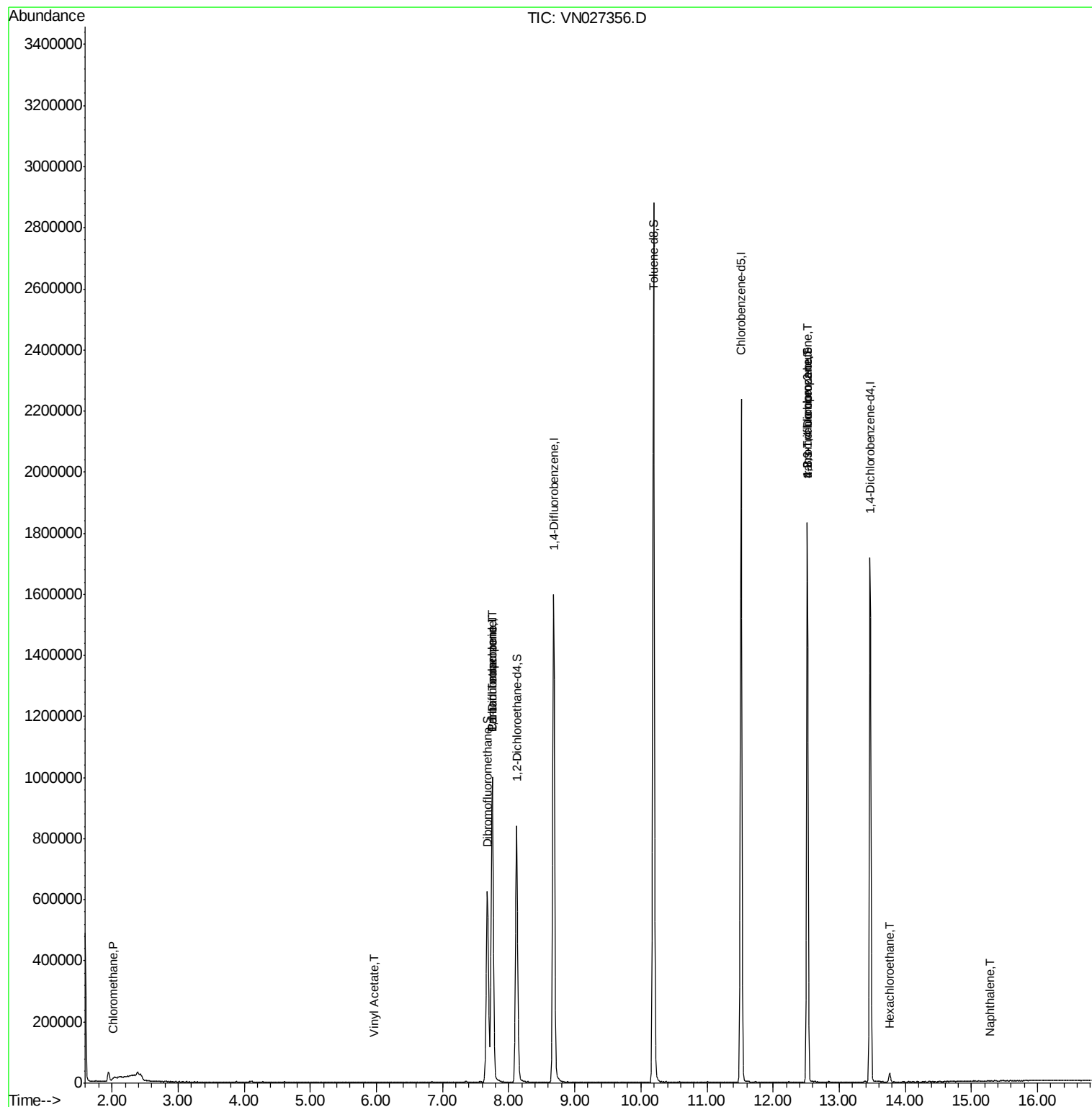
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Chloromethane	2.00	50	1758	0.21	ug/l	94
24) Vinyl Acetate	5.96	43	112	9.29	ug/l #	76
32) Cyclohexane	7.76	56	21682	Below Cal	#	1
37) 1,1-Dichloropropene	7.75	75	74736	5.43	ug/l #	51
39) Carbon Tetrachloride	7.75	117	80779	6.24	ug/l #	16
77) 1,2,3-Trichloropropane	12.52	75	366160	37.93	ug/l #	1
82) trans-1,4-Dichloro-2-buten	12.52	75	366160	97.27	ug/l #	4
91) Hexachloroethane	13.77	117	1684	0.28	ug/l #	15
96) Naphthalene	15.28	128	69	3.82	ug/l #	69

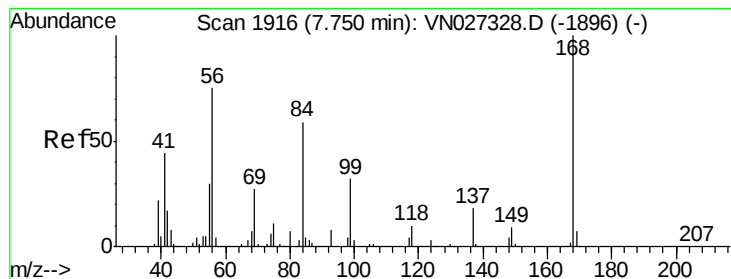
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN027356.D

Acq: 22 Sep 2015 3:53

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MSVOA_N

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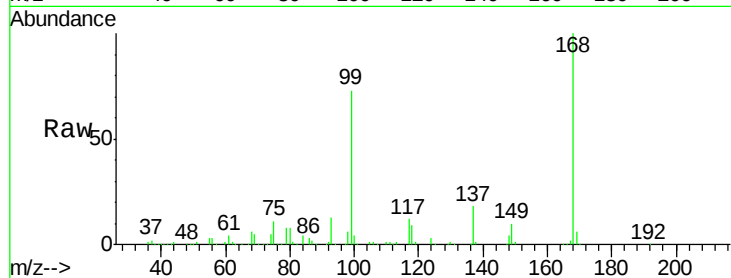
ERD45-RINSATE

Tgt Ion:168 Resp: 702594

Ion Ratio Lower Upper

168 100

99 73.5 50.4 75.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.75

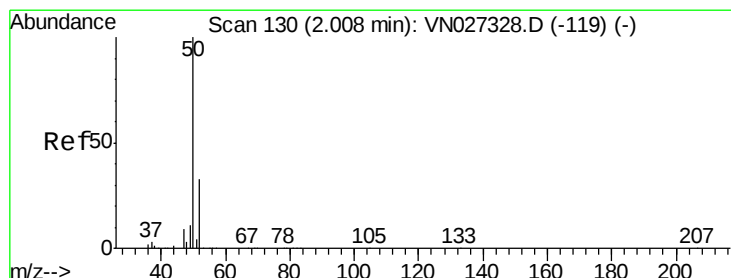
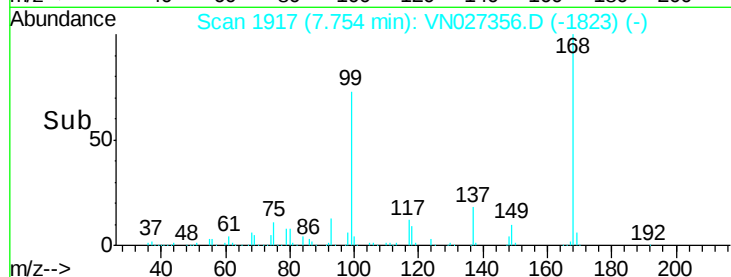
300000

200000

100000

0

Time--> 7.60 7.70 7.80 7.90



#4

Chloromethane

Concen: 0.21 ug/l

RT: 2.00 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN027356.D

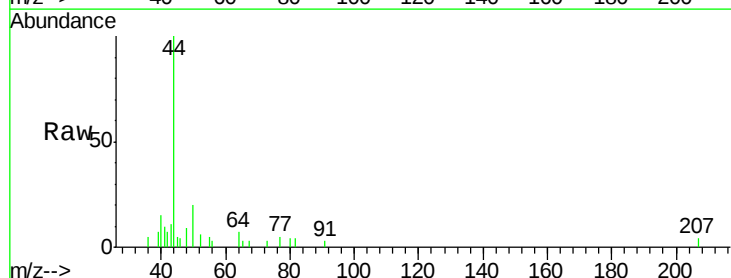
Acq: 22 Sep 2015 3:53

Tgt Ion: 50 Resp: 1758

Ion Ratio Lower Upper

50 100

52 29.2 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

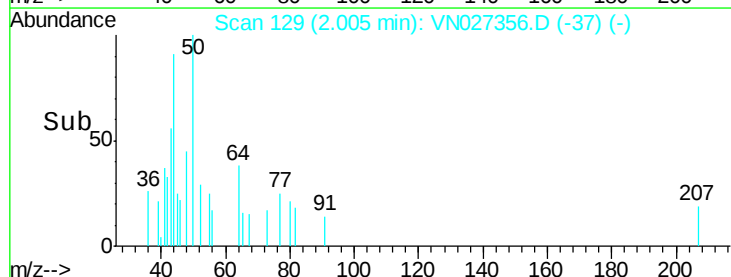
2.00

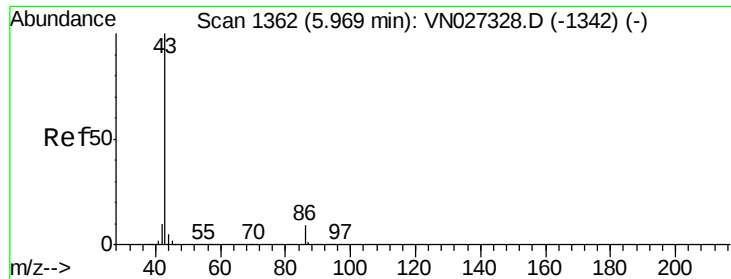
1000

500

0

Time--> 2.00 2.05





#24

Vinyl Acetate

Concen: 9.29 ug/l

RT: 5.96 min Scan# 1360

Delta R.T. -0.01 min

Lab File: VN027356.D

Acq: 22 Sep 2015 3:53

Instrument :

MSVOA_N

ClientSampleId :

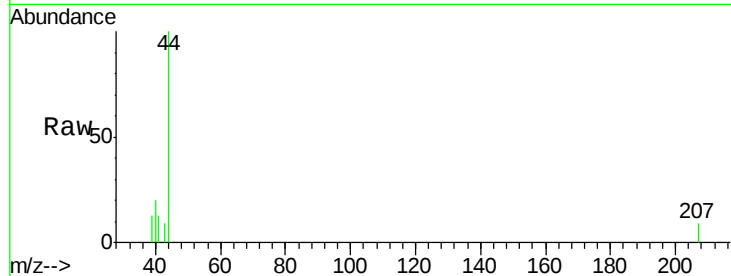
ERD45-RINSATE

Tgt Ion: 43 Resp: 112

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

250

200

150

100

50

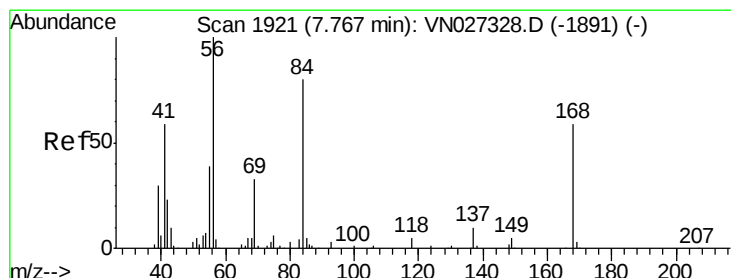
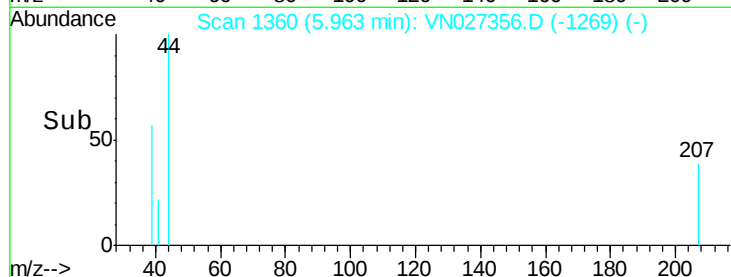
0

Time-->

5.95

5.96

5.97



#32

Cyclohexane

Concen: Below Cal

RT: 7.76 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VN027356.D

Acq: 22 Sep 2015 3:53

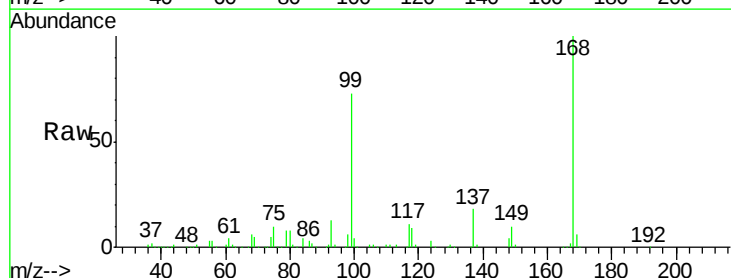
Tgt Ion: 56 Resp: 21682

Ion Ratio Lower Upper

56 100

69 157.2 23.0 34.4#

84 121.2 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-->

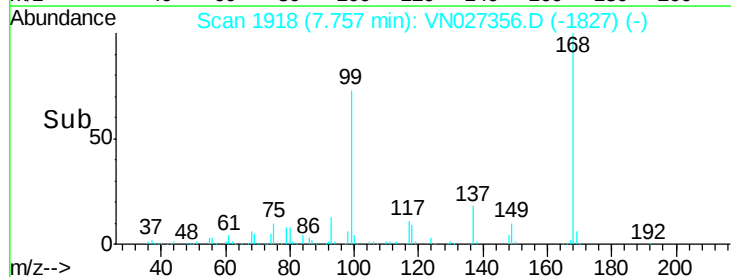
7.65

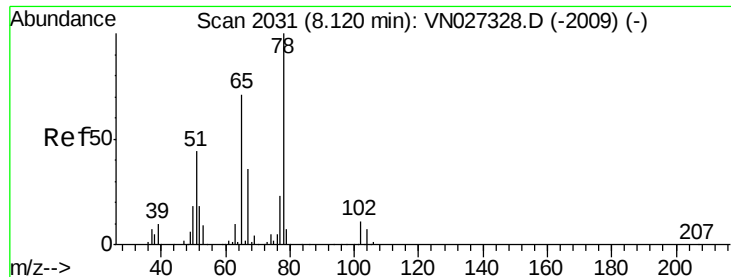
7.70

7.75

7.80

7.85





#34

1,2-Dichloroethane-d4

Concen: 52.84 ug/l

RT: 8.12 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VN027356.D

Acq: 22 Sep 2015 3:53

Instrument :

MSVOA_N

ClientSampleId :

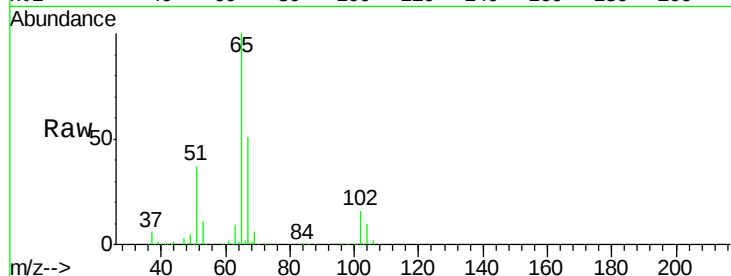
ERD45-RINSATE

Tgt Ion: 65 Resp: 726775

Ion Ratio Lower Upper

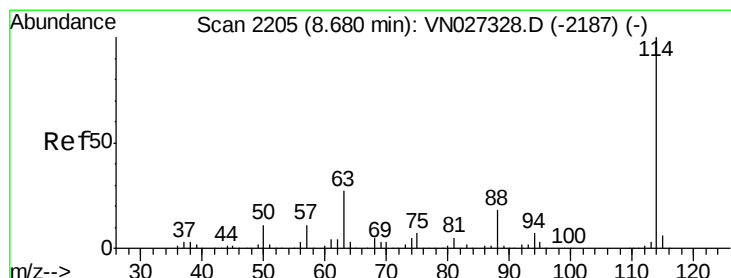
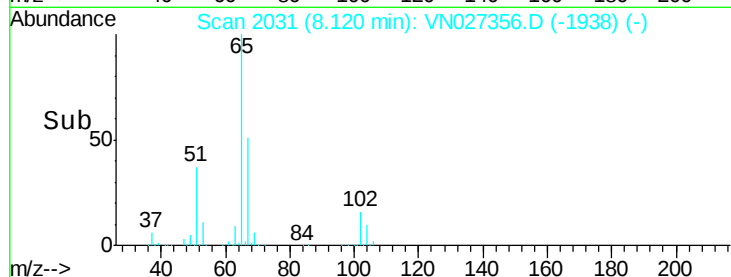
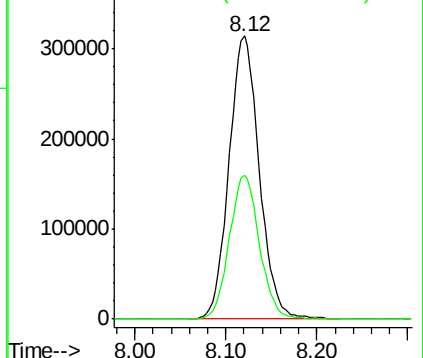
65 100

67 50.3 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#35

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.68 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VN027356.D

Acq: 22 Sep 2015 3:53

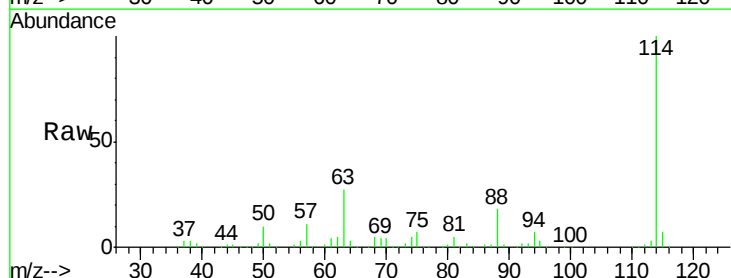
Tgt Ion: 114 Resp: 1277307

Ion Ratio Lower Upper

114 100

63 26.7 0.0 48.8

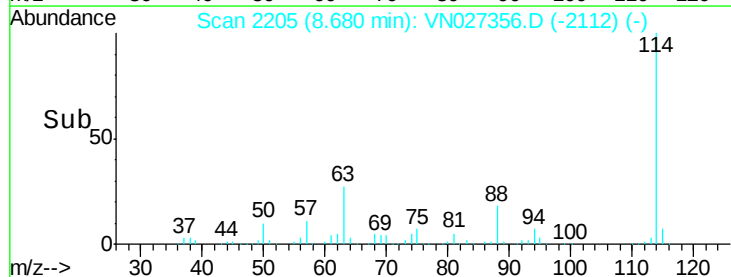
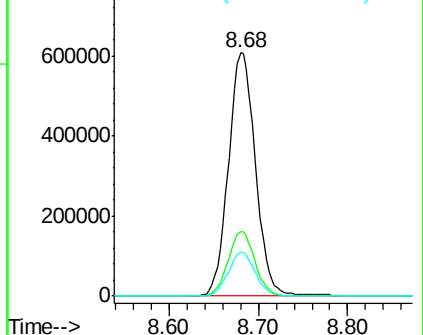
88 18.1 0.0 32.2

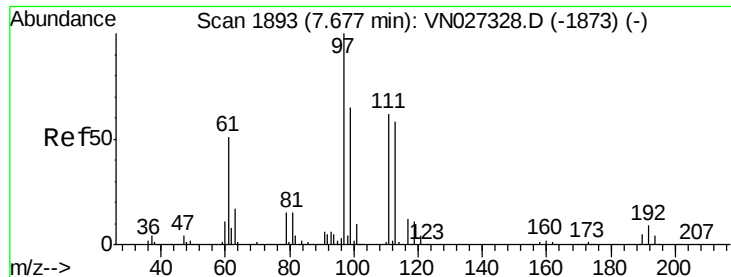


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

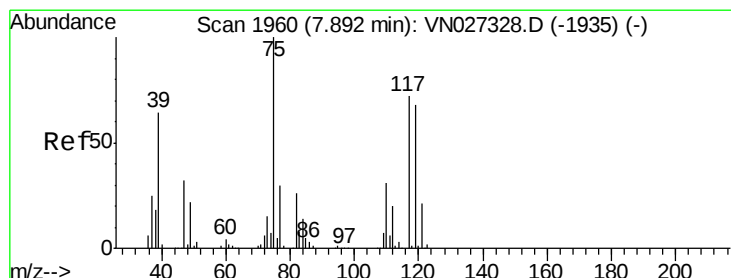
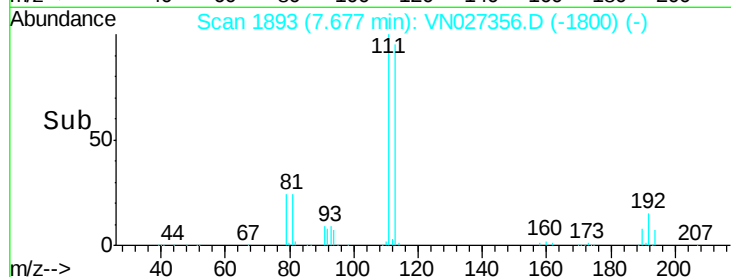
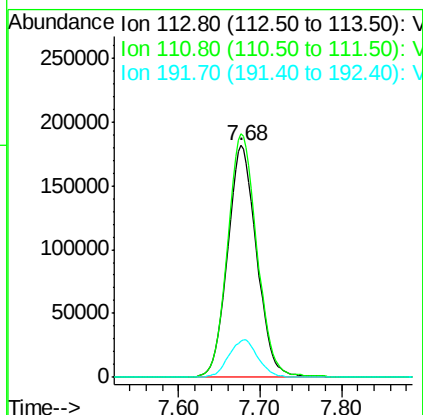
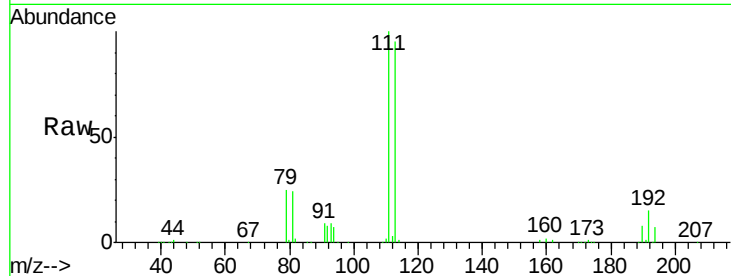




#36
 Dibromofluoromethane
 Concen: 54.39 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. 0.00 min
 Lab File: VN027356.D
 Acq: 22 Sep 2015 3:53

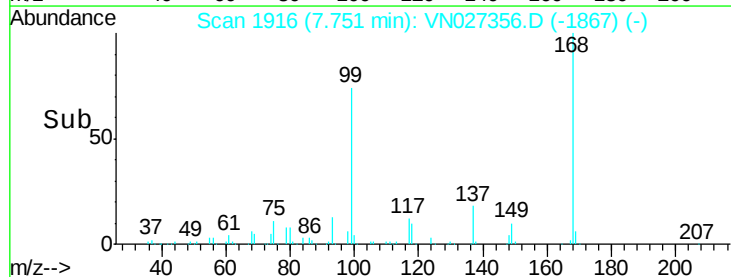
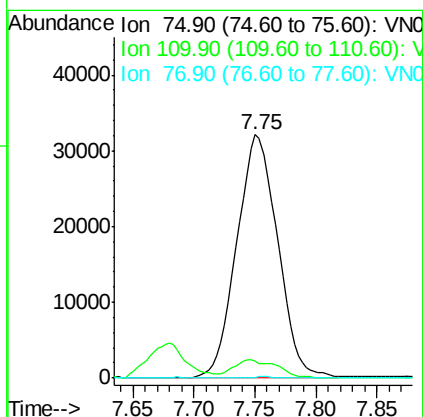
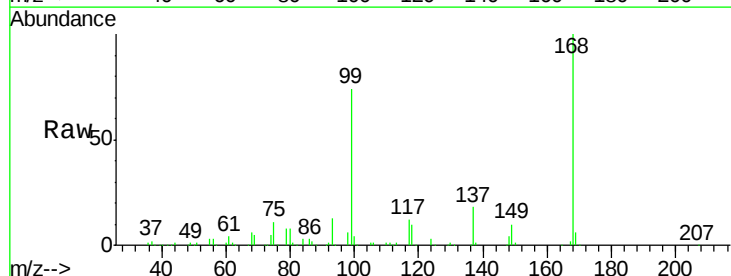
Instrument :
 MSVOA_N
 ClientSampleId :
 ERD45-RINSATE

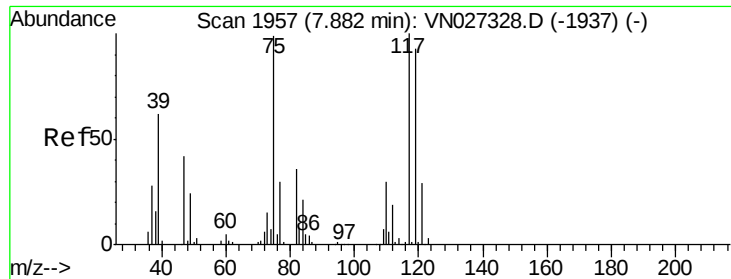
Tgt Ion: 113 Resp: 453282
 Ion Ratio Lower Upper
 113 100
 111 106.2 83.0 124.4
 192 16.3 14.1 21.1



#37
 1,1-Dichloropropene
 Concen: 5.43 ug/l
 RT: 7.75 min Scan# 1916
 Delta R.T. -0.14 min
 Lab File: VN027356.D
 Acq: 22 Sep 2015 3:53

Tgt Ion: 75 Resp: 74736
 Ion Ratio Lower Upper
 75 100
 110 8.1 15.9 47.7#
 77 0.2 24.9 37.3#





#39

Carbon Tetrachloride

Concen: 6.24 ug/l

RT: 7.75 min Scan# 1916

Delta R.T. -0.13 min

Lab File: VN027356.D

Acq: 22 Sep 2015 3:53

Instrument :

MSVOA_N

ClientSampleId :

ERD45-RINSATE

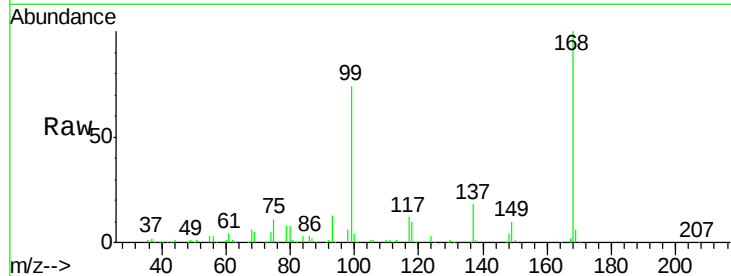
Tgt Ion:117 Resp: 80779

Ion Ratio Lower Upper

117 100

119 4.2 75.3 112.9#

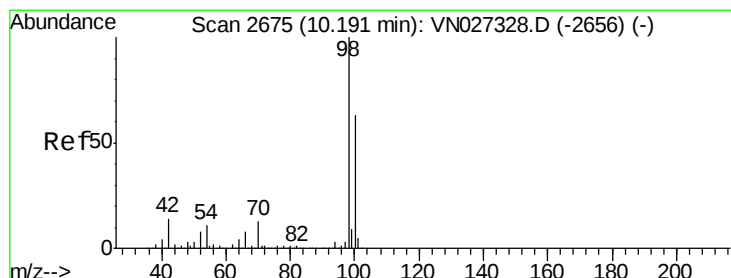
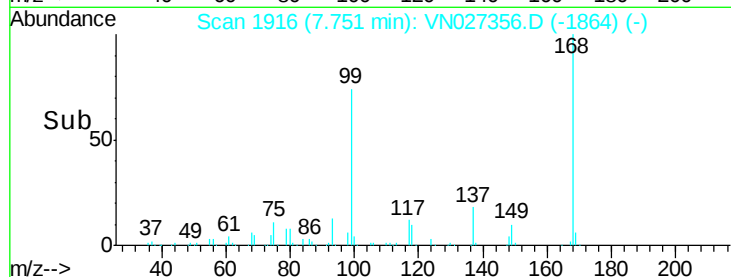
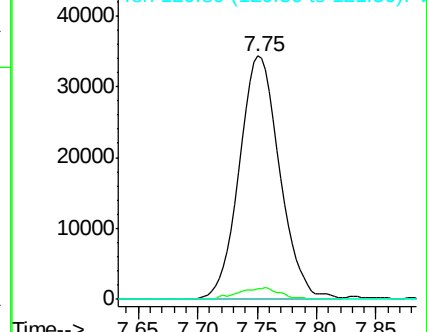
121 0.0 23.8 35.8#



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: 58.48 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027356.D

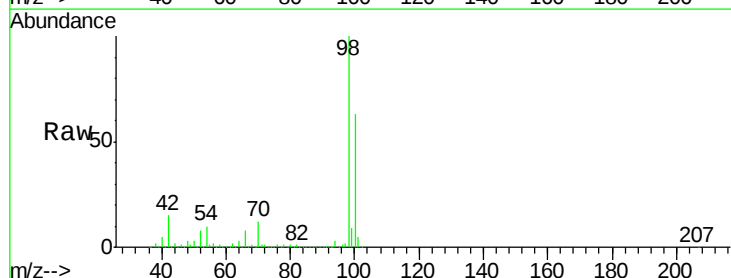
Acq: 22 Sep 2015 3:53

Tgt Ion: 98 Resp: 1884143

Ion Ratio Lower Upper

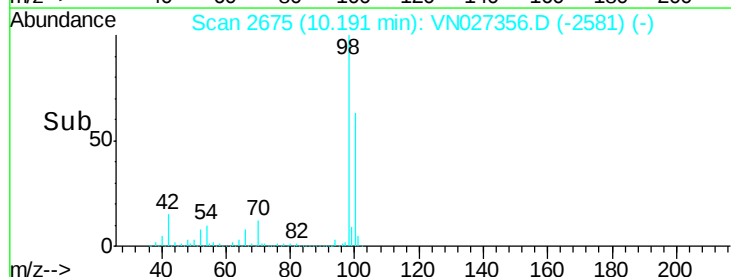
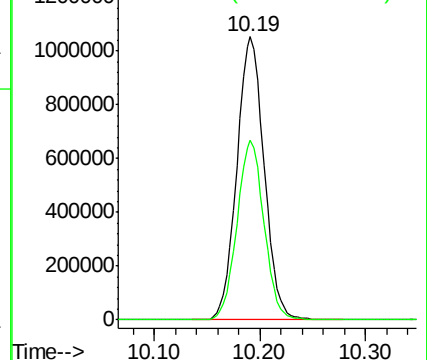
98 100

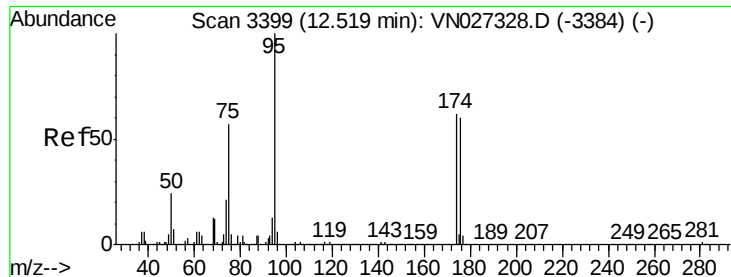
100 62.7 50.5 75.7



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

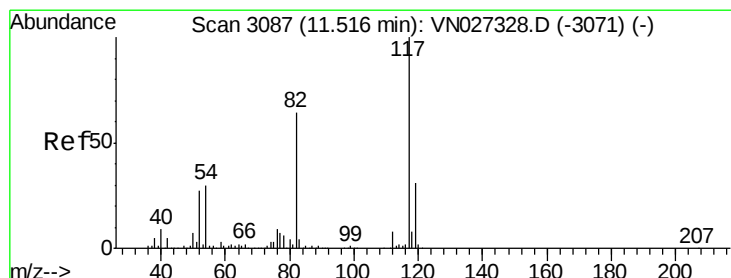
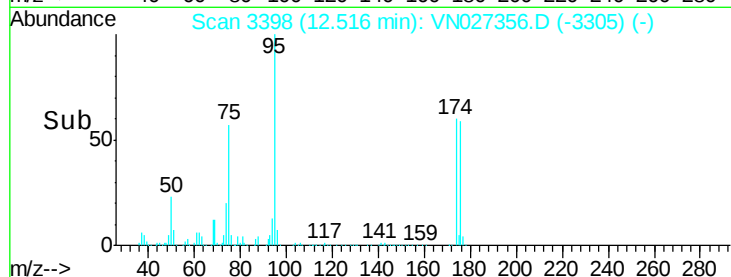
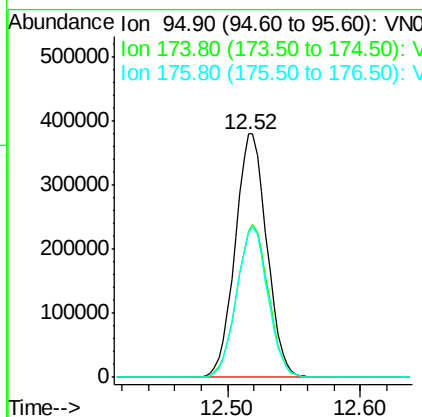
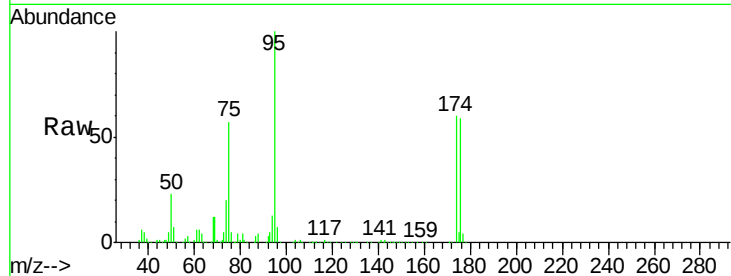




#63
4-Bromofluorobenzene
Concen: 53.68 ug/l
RT: 12.52 min Scan# 3398
Delta R.T. -0.00 min
Lab File: VN027356.D
Acq: 22 Sep 2015 3:53

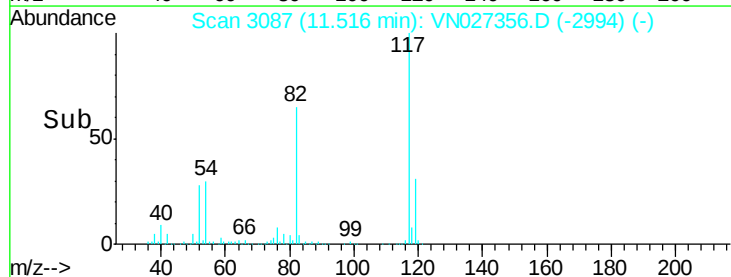
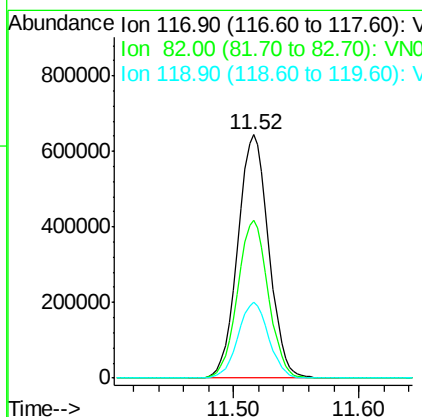
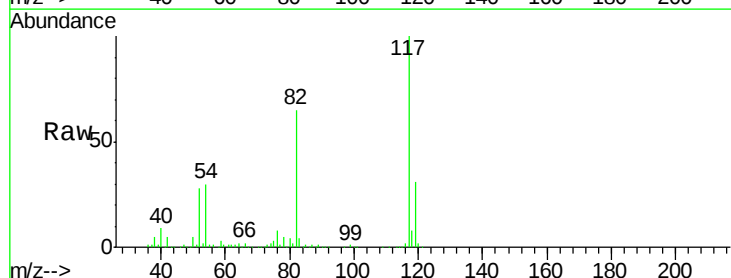
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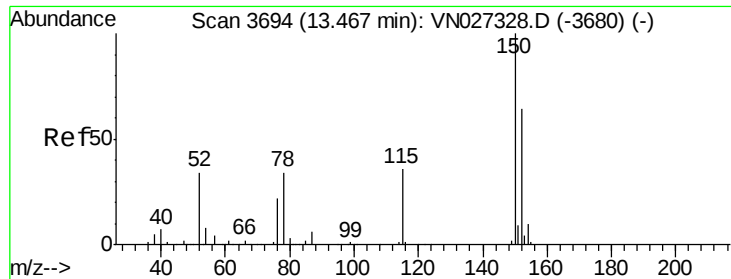
Tgt Ion: 95 Resp: 628332
Ion Ratio Lower Upper
95 100
174 62.6 0.0 137.0
176 61.1 0.0 130.8



#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027356.D
Acq: 22 Sep 2015 3:53

Tgt Ion: 117 Resp: 1103307
Ion Ratio Lower Upper
117 100
82 64.8 49.6 74.4
119 31.0 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: VN027356.D

Acq: 22 Sep 2015 3:53

Instrument :

MSVOA_N

ClientSampleId :

ERD45-RINSATE

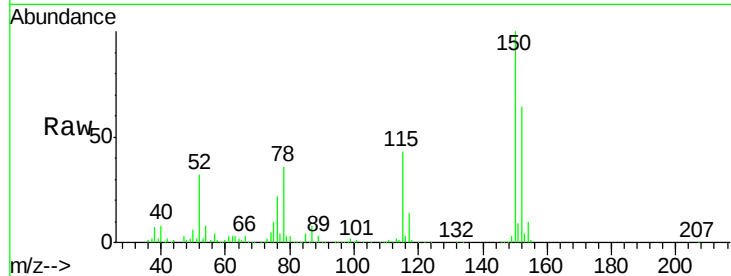
Tgt Ion:152 Resp: 384498

Ion Ratio Lower Upper

152 100

115 67.6 30.8 92.3

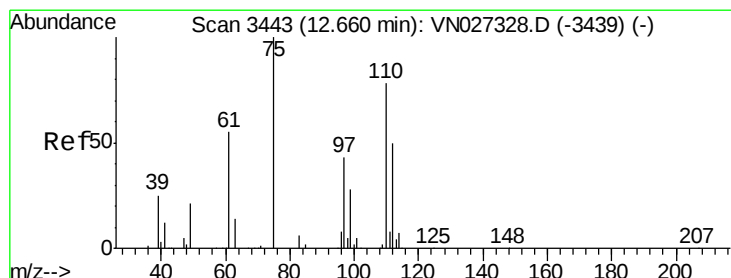
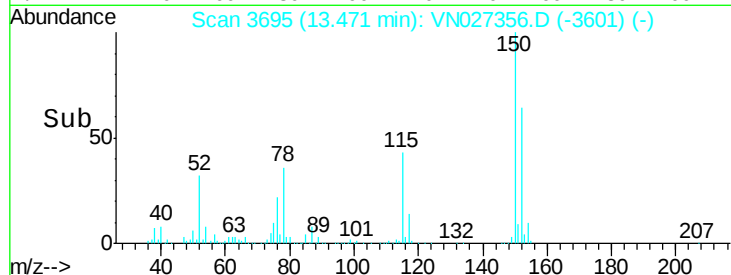
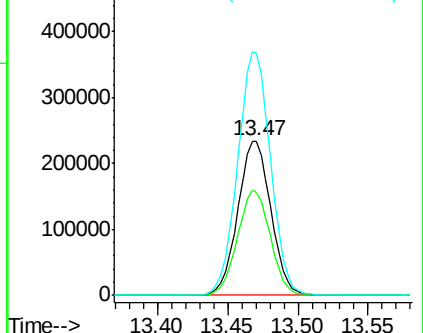
150 156.7 0.0 345.0



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: 37.93 ug/l

RT: 12.52 min Scan# 3399

Delta R.T. -0.14 min

Lab File: VN027356.D

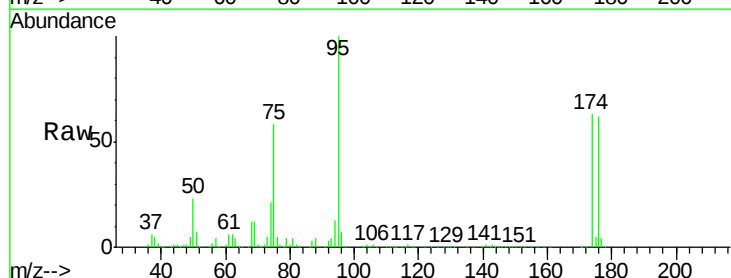
Acq: 22 Sep 2015 3:53

Tgt Ion: 75 Resp: 366160

Ion Ratio Lower Upper

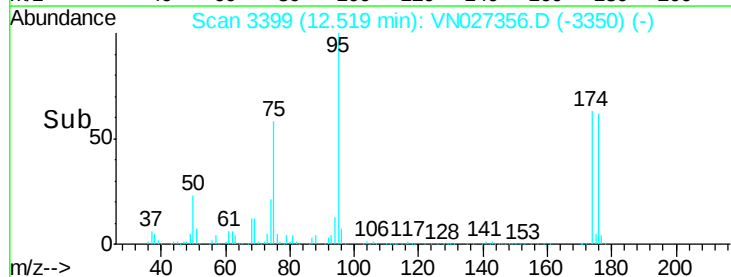
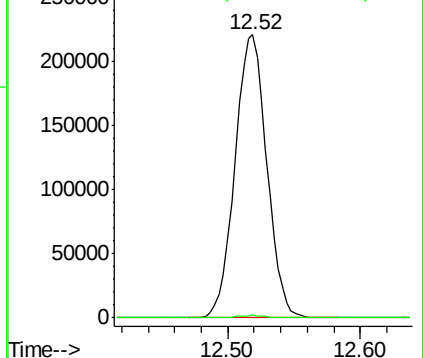
75 100

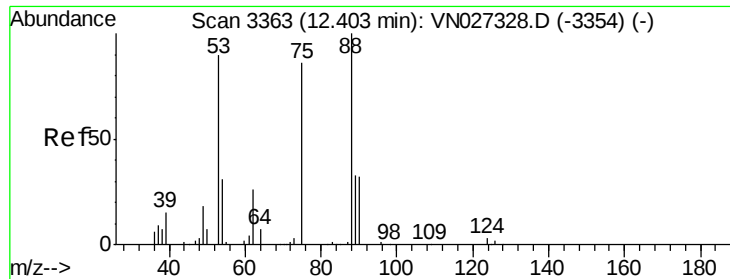
77 0.9 103.1 309.3#



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: 97.27 ug/l

RT: 12.52 min Scan# 3399

Delta R.T. 0.12 min

Lab File: VN027356.D

Acq: 22 Sep 2015 3:53

Instrument :

MSVOA_N

ClientSampleId :

ERD45-RINSATE

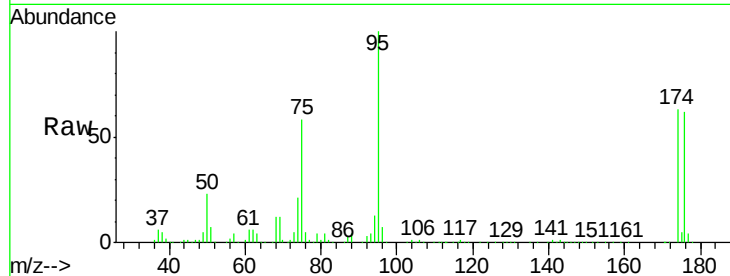
Tgt Ion: 75 Resp: 366160

Ion Ratio Lower Upper

75 100

53 0.0 92.9 139.3#

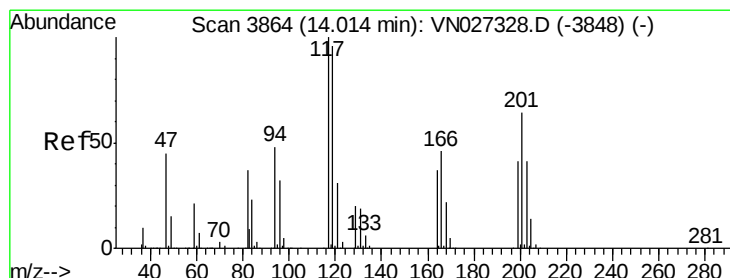
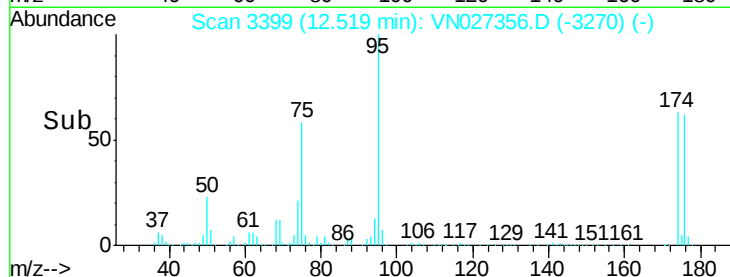
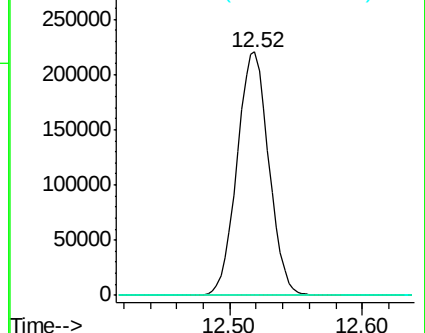
89 0.0 34.2 51.4#



Abundance Ion 74.90 (74.60 to 75.60): VN027356.D (-3270) (-)

Ion 53.00 (52.70 to 53.70): VN027356.D (-3270) (-)

Ion 88.90 (88.60 to 89.60): VN027356.D (-3270) (-)



#91

Hexachloroethane

Concen: 0.28 ug/l

RT: 13.77 min Scan# 3787

Delta R.T. -0.25 min

Lab File: VN027356.D

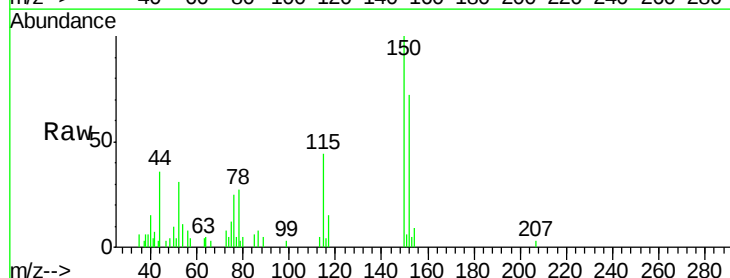
Acq: 22 Sep 2015 3:53

Tgt Ion: 117 Resp: 1684

Ion Ratio Lower Upper

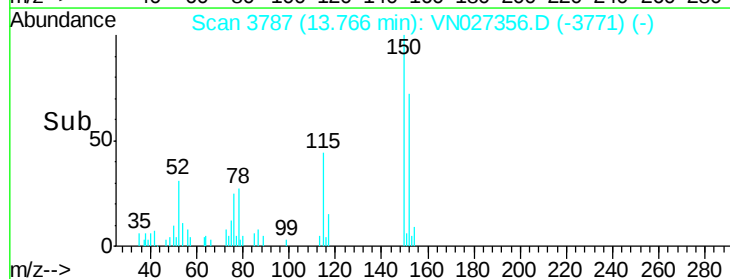
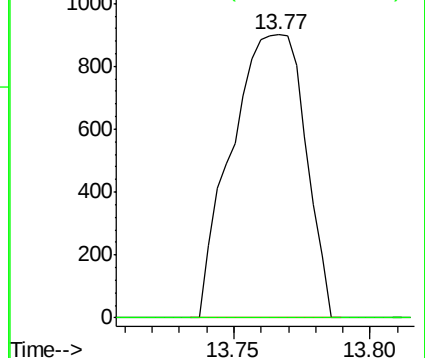
117 100

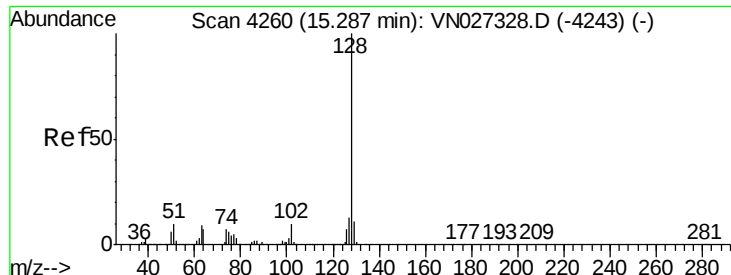
201 0.0 34.9 104.7#



Abundance Ion 116.80 (116.50 to 117.50): VN027356.D (-3771) (-)

Ion 200.70 (200.40 to 201.40): VN027356.D (-3771) (-)





#96

Naphthalene

Concen: 3.82 ug/l

RT: 15.28 min Scan# 4258

Delta R.T. -0.01 min

Lab File: VN027356.D

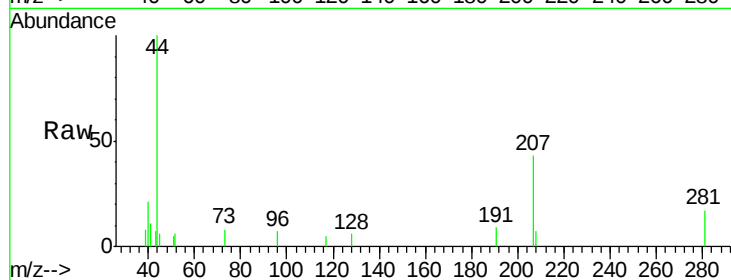
Acq: 22 Sep 2015 3:53

Instrument :

MSVOA_N

ClientSampleId :

ERD45-RINSATE



Tgt Ion:	128	Resp:	69
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.6	12.8#

