

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN092115\
 Data File : VN027334.D
 Acq On : 21 Sep 2015 16:23
 Operator : MD\FY
 Sample : G3640-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIPBLANK

Quant Time: Sep 22 01:29:56 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	344449	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	630284	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	547391	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	212129	50.00	ug/l	0.00

System Monitoring Compounds						
34) 1,2-Dichloroethane-d4	8.12	65	318275	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	
36) Dibromofluoromethane	7.68	113	198450	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	
51) Toluene-d8	10.19	98	779409	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
63) 4-Bromofluorobenzene	12.52	95	279059	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	

Target Compounds				Qvalue		
4) Chloromethane	2.00	50	10595	2.59	ug/l	# 86
6) Bromomethane	2.54	94	194603	104.58	ug/l	96
7) Chloroethane	2.69	64	301292	103.71	ug/l	100
8) Trichlorofluoromethane	3.02	101	1139493	171.73	ug/l	98
10) 1,1,2-Trichlorotrifluoroet	3.77	101	1110	0.26	ug/l	# 32
11) Methyl Iodide	3.99	142	5022	3.85	ug/l	96
13) 1,1-Dichloroethene	3.77	96	713347	181.37	ug/l	94
14) Acrolein	3.60	56	204	0.29	ug/l	# 17
15) Allyl chloride	4.59	41	18223	2.38	ug/l	# 29
17) Acetone	3.83	43	271096	147.78	ug/l	96
18) Carbon Disulfide	4.11	76	3223	0.27	ug/l	# 78
21) Methylene Chloride	4.60	84	556445	113.93	ug/l	98
22) trans-1,2-Dichloroethene	5.12	96	826659	191.15	ug/l	99
24) Vinyl Acetate	5.98	43	535	9.37	ug/l	# 76
26) 2-Butanone	6.91	43	739278	307.74	ug/l	97
28) cis-1,2-Dichloroethene	6.92	96	6277	1.23	ug/l	88
29) Bromochloromethane	7.46	49	49410	12.95	ug/l	# 27
31) Chloroform	7.45	83	509756	55.82	ug/l	100
32) Cyclohexane	7.75	56	11426	Below	Cal	# 11
33) 1,1,1-Trichloroethane	7.67	97	214280	26.48	ug/l	97
37) 1,1-Dichloropropene	7.75	75	37082	5.46	ug/l	# 46
38) Ethyl Acetate	6.91	43	739937	141.07	ug/l	# 72
39) Carbon Tetrachloride	7.88	117	613796	96.02	ug/l	98
40) Methylcyclohexane	8.93	83	9511	1.18	ug/l	# 1
41) Benzene	8.14	78	902642	45.79	ug/l	99
43) 1,2-Dichloroethane	8.22	62	1606217	199.84	ug/l	95
45) Trichloroethene	8.93	130	573834	145.29	ug/l	90
46) 1,2-Dichloropropane	9.21	63	766489	138.91	ug/l	100
47) Dibromomethane	9.31	93	184808	55.80	ug/l	93
48) Bromodichloromethane	9.49	83	522322	74.37	ug/l	100
49) Methyl methacrylate	9.21	41	464984	98.55	ug/l	# 27
50) 1,4-Dioxane	9.31	88	795	13.96	ug/l	# 29
52) 4-Methyl-2-Pentanone	10.07	43	208603	40.45	ug/l	99
54) t-1,3-Dichloropropene	10.47	75	375138	50.03	ug/l	99

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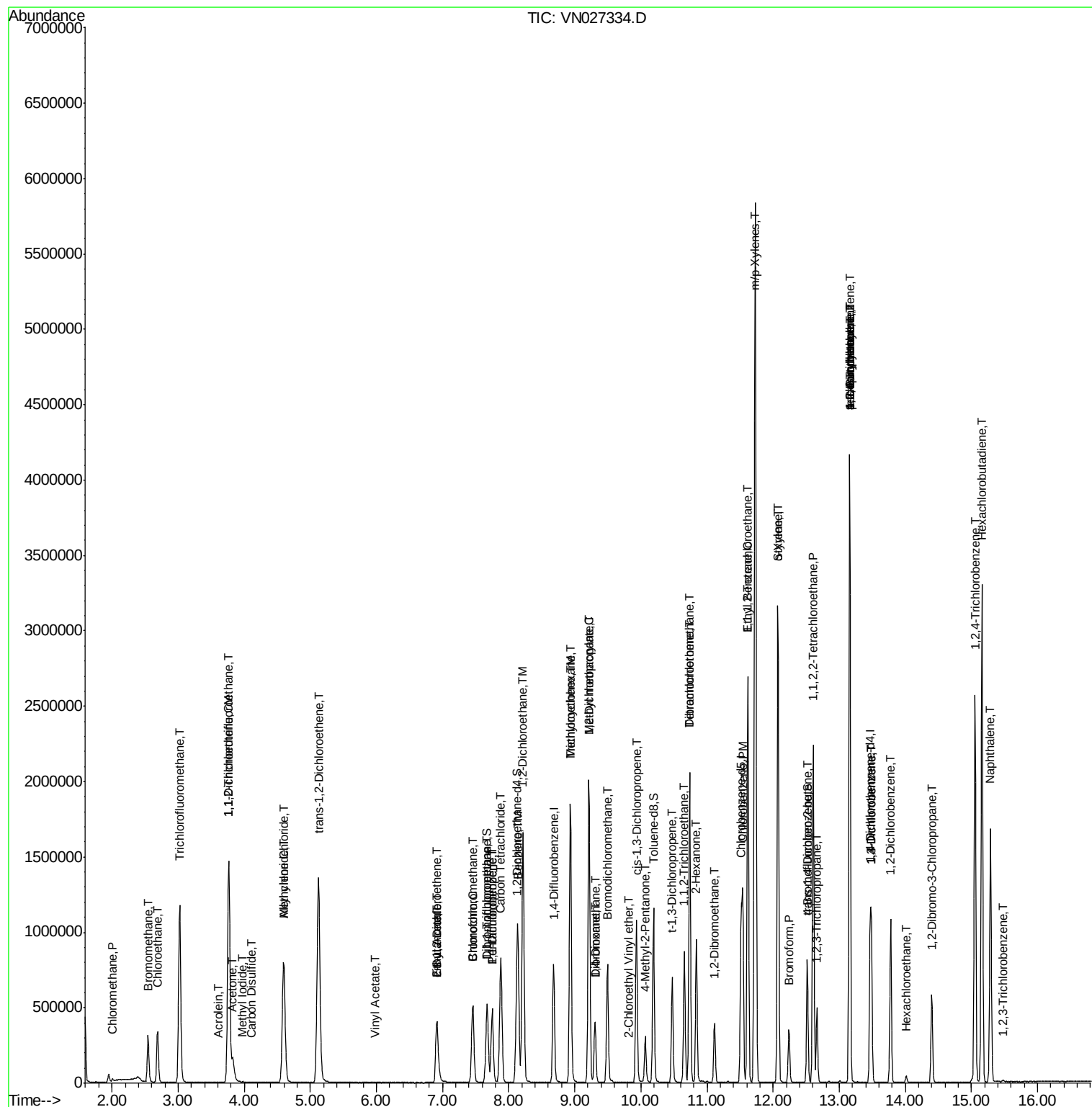
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
55) cis-1,3-Dichloropropene	9.93	75	605701	73.54	ug/l	94
56) 1,1,2-Trichloroethane	10.66	97	263069	60.49	ug/l	98
59) 2-Chloroethyl Vinyl ether	9.82	63	3336	1.09	ug/l #	54
60) 2-Hexanone	10.84	43	621657	177.39	ug/l	98
61) Dibromochloromethane	10.74	129	409679	96.18	ug/l #	10
62) 1,2-Dibromoethane	11.11	107	259081	62.64	ug/l	100
65) Tetrachloroethene	10.74	164	396443	121.68	ug/l	94
66) Chlorobenzene	11.54	112	581158	49.52	ug/l	100
67) 1,1,1,2-Tetrachloroethane	11.62	131	130721	33.19	ug/l	99
68) Ethyl Benzene	11.62	91	1536309	69.40	ug/l	99
69) m/p-Xylenes	11.73	106	1770454	230.68	ug/l	90
70) o-Xylene	12.07	106	7608	0.98	ug/l	32
71) Styrene	12.07	104	1413479	114.49	ug/l	93
72) Bromoform	12.24	173	139724	52.88	ug/l	99
76) 1,1,2,2-Tetrachloroethane	12.61	83	1103077	184.40	ug/l	100
77) 1,2,3-Trichloropropane	12.66	75	201737	37.88	ug/l #	1
82) trans-1,4-Dichloro-2-buten	12.52	75	160997	77.52	ug/l #	4
83) 4-Chlorotoluene	13.16	91	250900	16.59	ug/l #	45
84) tert-Butylbenzene	13.16	119	249500	18.01	ug/l #	56
85) 1,2,4-Trimethylbenzene	13.16	105	2215779	129.70	ug/l	96
86) sec-Butylbenzene	13.16	105	2215779	107.40	ug/l #	60
87) p-Isopropyltoluene	13.16	119	249197	16.11	ug/l #	1
88) 1,3-Dichlorobenzene	13.49	146	301937	42.08	ug/l	96
89) 1,4-Dichlorobenzene	13.49	146	301937	41.58	ug/l	95
91) Hexachloroethane	14.01	117	7607	2.30	ug/l	89
92) 1,2-Dichlorobenzene	13.78	146	367842	51.31	ug/l	96
93) 1,2-Dibromo-3-Chloropropan	14.40	75	159768	136.28	ug/l	86
94) 1,2,4-Trichlorobenzene	15.06	180	711606	192.09	ug/l	98
95) Hexachlorobutadiene	15.16	225	533099	262.64	ug/l	99
96) Naphthalene	15.29	128	1305377	110.06	ug/l	100
97) 1,2,3-Trichlorobenzene	15.48	180	2800	0.76	ug/l	94

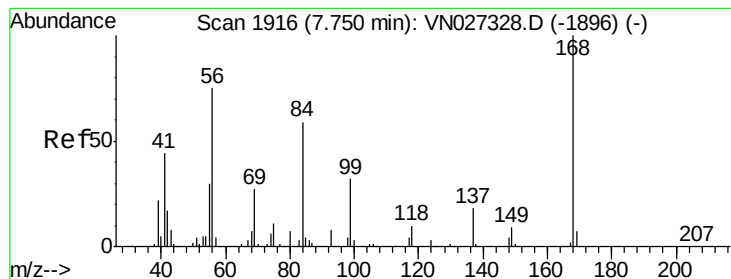
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VN027334.D

Acq: 21 Sep 2015 16:23

Instrument :

MSVOA_N

ClientSampleId :

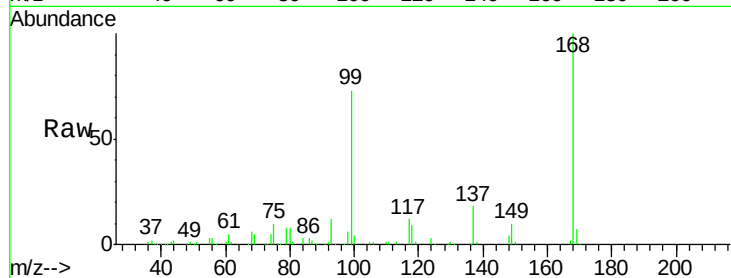
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Tgt Ion:168 Resp: 344449

Ion Ratio Lower Upper

168 100

99 72.5 50.4 75.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.75

150000

100000

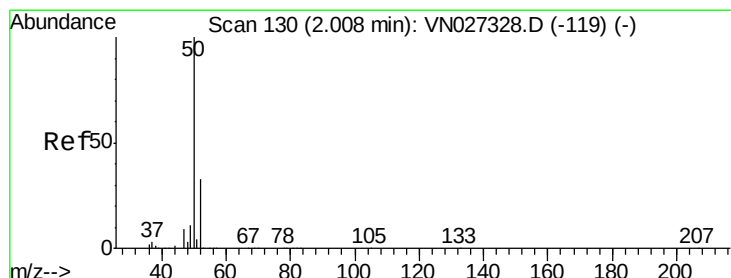
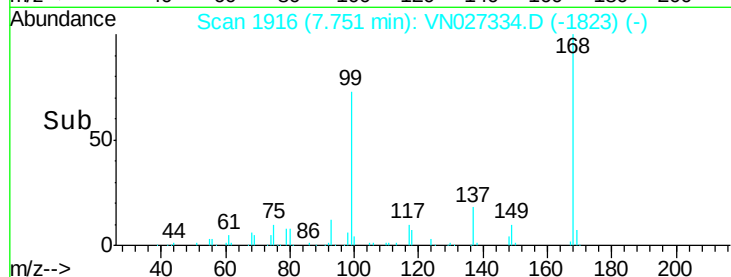
50000

0

7.70

7.80

Time-->



#4

Chloromethane

Concen: 2.59 ug/l

RT: 2.00 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN027334.D

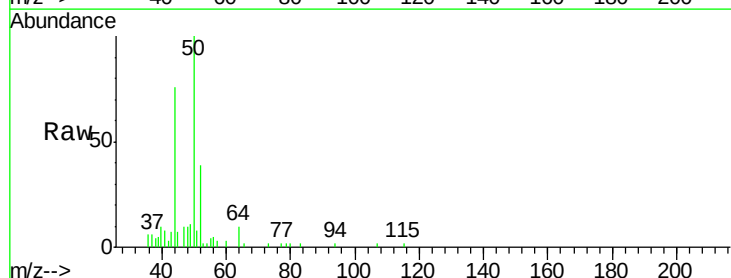
Acq: 21 Sep 2015 16:23

Tgt Ion: 50 Resp: 10595

Ion Ratio Lower Upper

50 100

52 40.0 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.00

8000

6000

4000

2000

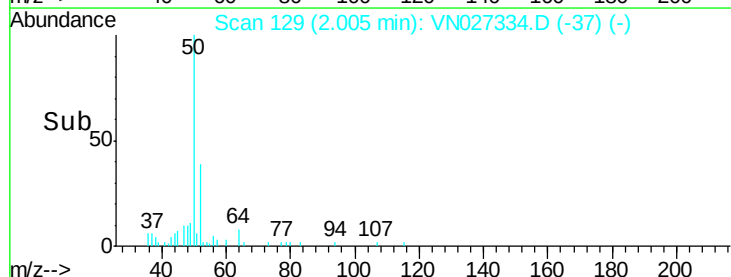
0

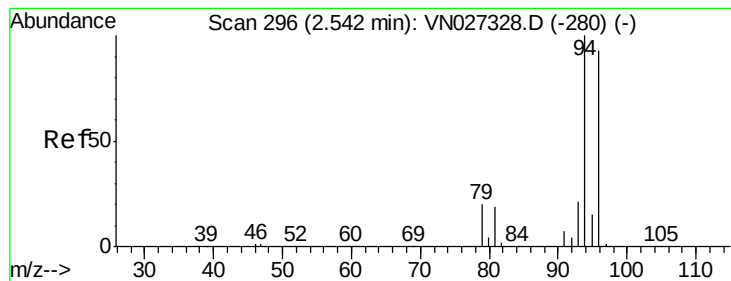
1.95

2.00

2.05

Time-->





#6

Bromomethane

Concen: 104.58 ug/l

RT: 2.54 min Scan# 297

Delta R.T. 0.00 min

Lab File: VN027334.D

Acq: 21 Sep 2015 16:23

Instrument :

MSVOA_N

ClientSampled :

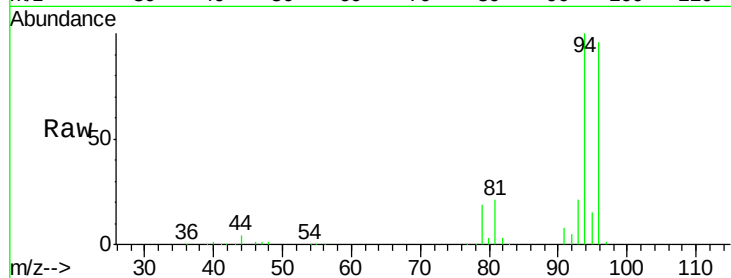
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Tgt Ion: 94 Resp: 194603

Ion Ratio Lower Upper

94 100

96 96.1 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.54

120000

100000

80000

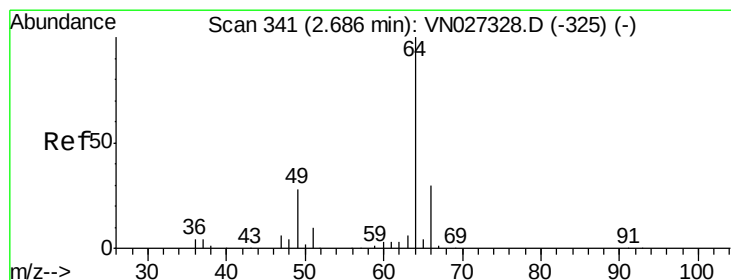
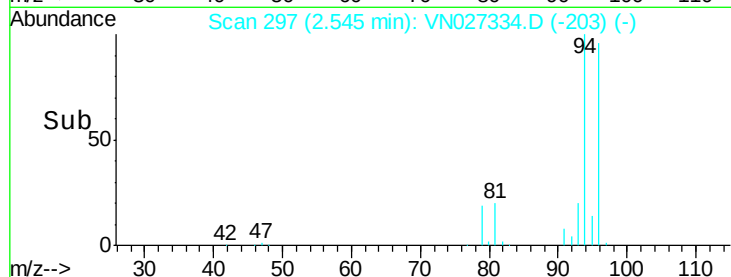
60000

40000

20000

0

Time--> 2.45 2.50 2.55 2.60



#7

Chloroethane

Concen: 103.71 ug/l

RT: 2.69 min Scan# 341

Delta R.T. 0.00 min

Lab File: VN027334.D

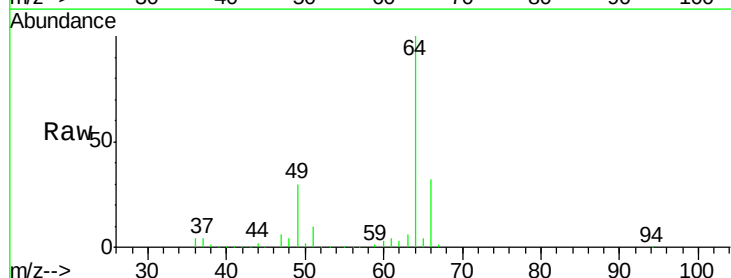
Acq: 21 Sep 2015 16:23

Tgt Ion: 64 Resp: 301292

Ion Ratio Lower Upper

64 100

66 32.0 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.69

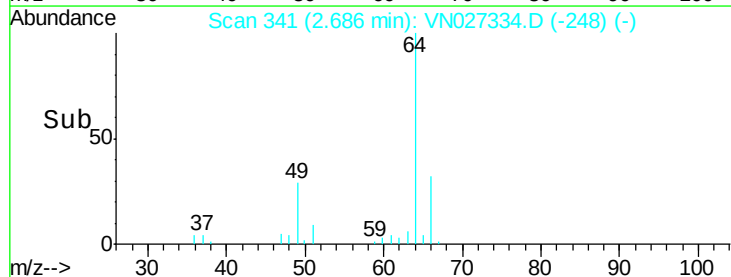
150000

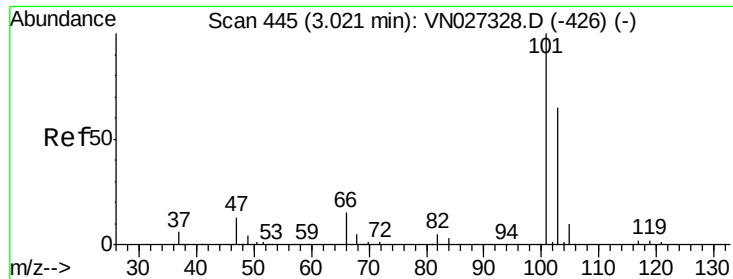
100000

50000

0

Time--> 2.60 2.65 2.70 2.75 2.80





#8

Trichlorofluoromethane

Concen: 171.73 ug/l

RT: 3.02 min Scan# 446

Delta R.T. 0.00 min

Lab File: VN027334.D

Acq: 21 Sep 2015 16:23

Instrument :

MSVOA_N

ClientSampled :

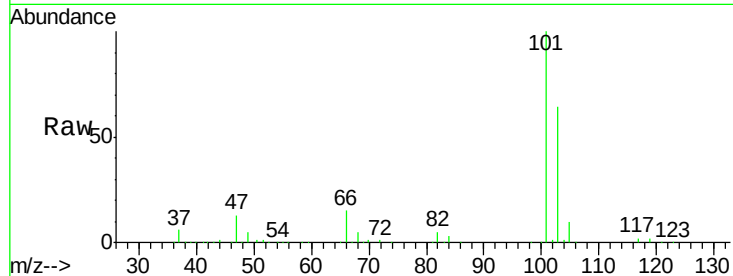
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Tgt Ion:101 Resp: 1139493

Ion Ratio Lower Upper

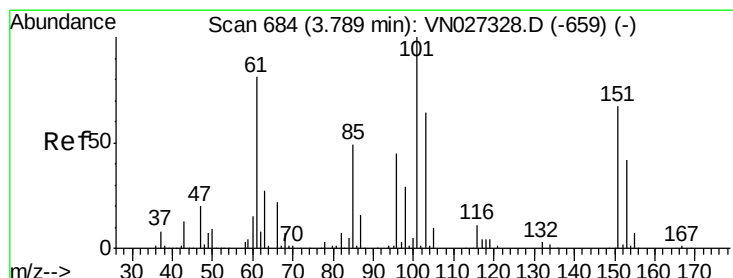
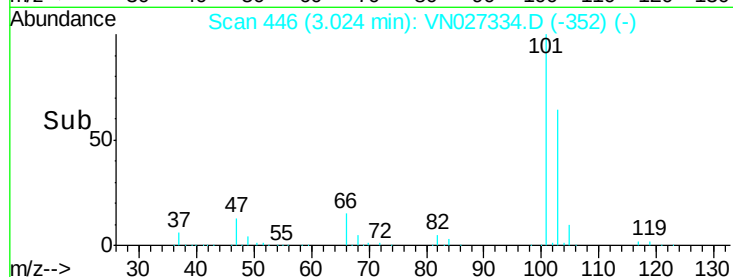
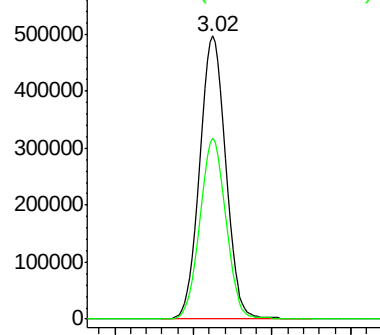
101 100

103 63.9 52.6 79.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#10

1,1,2-Trichlorotrifluoroethane

Concen: 0.26 ug/l

RT: 3.77 min Scan# 677

Delta R.T. -0.02 min

Lab File: VN027334.D

Acq: 21 Sep 2015 16:23

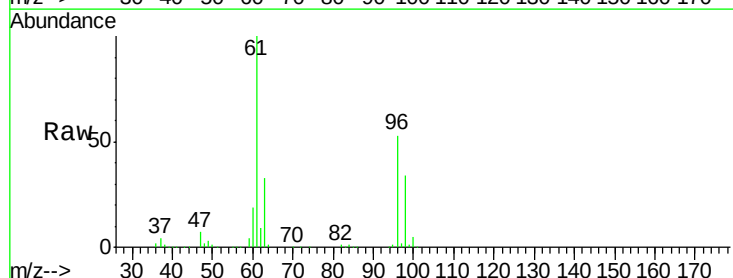
Tgt Ion:101 Resp: 1110

Ion Ratio Lower Upper

101 100

85 19.0 37.4 56.0#

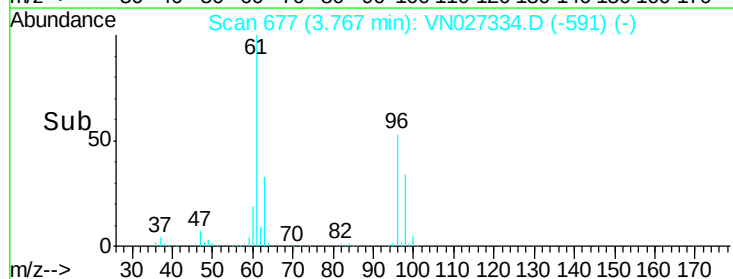
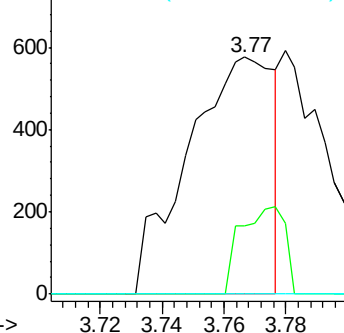
151 0.0 55.9 83.9#

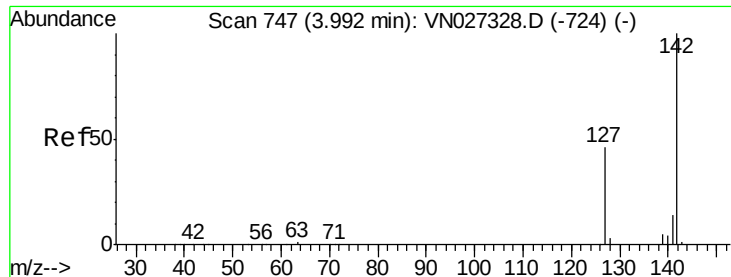


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V

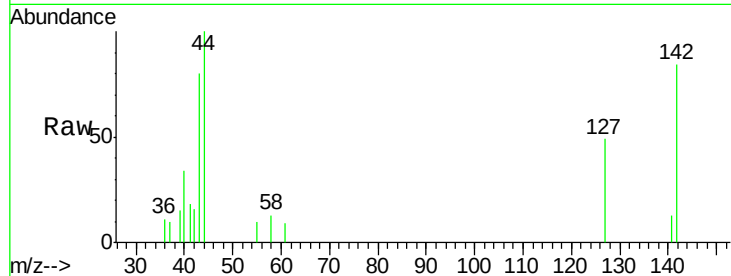




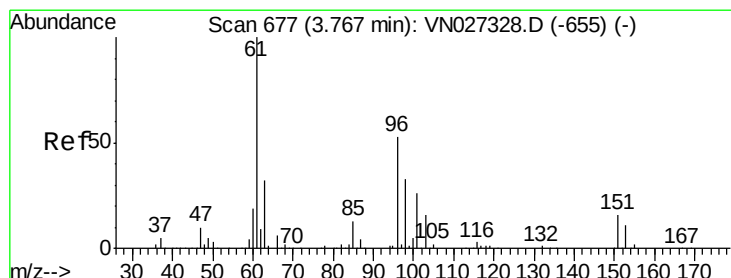
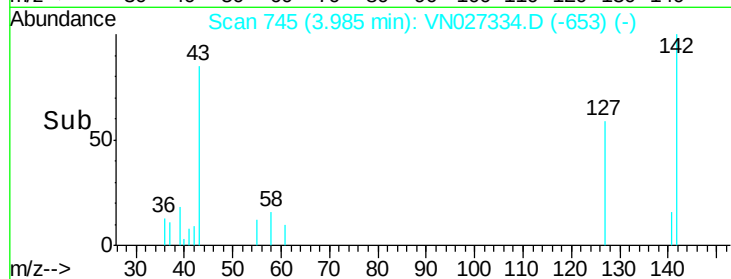
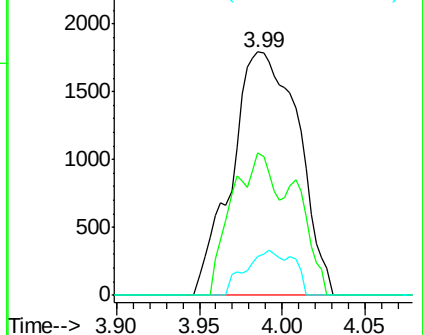
#11
Methyl Iodide
Concen: 3.85 ug/l
RT: 3.99 min Scan# 745
Delta R.T. -0.01 min
Lab File: VN027334.D
Acq: 21 Sep 2015 16:23

Instrument :
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ClientSampleId :
TRIPBLANK

Tgt Ion: 142 Resp: 5022
Ion Ratio Lower Upper
142 100
127 37.8 32.3 48.5
141 13.0 11.2 16.8

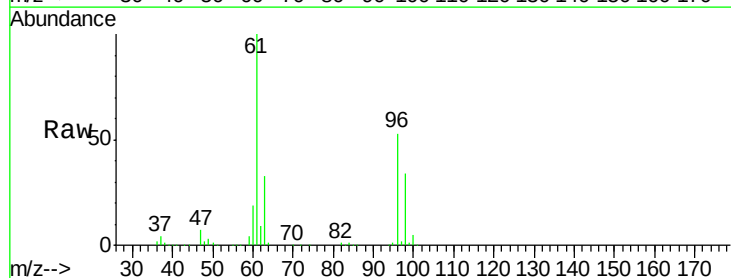


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

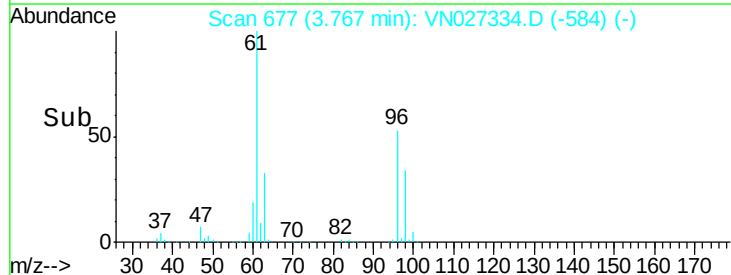
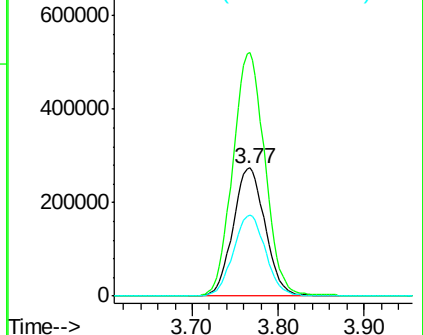


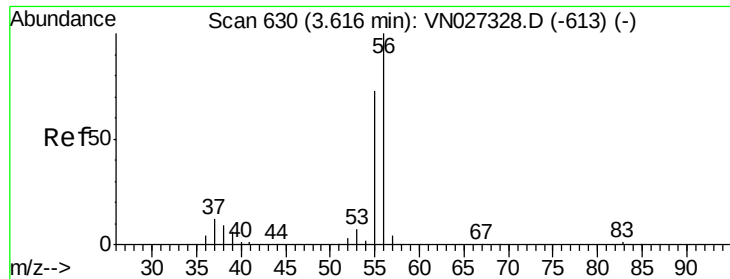
#13
1,1-Dichloroethene
Concen: 181.37 ug/l
RT: 3.77 min Scan# 677
Delta R.T. 0.00 min
Lab File: VN027334.D
Acq: 21 Sep 2015 16:23

Tgt Ion: 96 Resp: 713347
Ion Ratio Lower Upper
96 100
61 189.9 143.8 215.8
98 63.7 50.3 75.5



Abundance Ion 95.90 (95.60 to 96.60): V
Ion 60.90 (60.60 to 61.60): V
Ion 97.90 (97.60 to 98.60): V





#14

Acrolein

Concen: 0.29 ug/l

RT: 3.60 min Scan# 625

Delta R.T. -0.02 min

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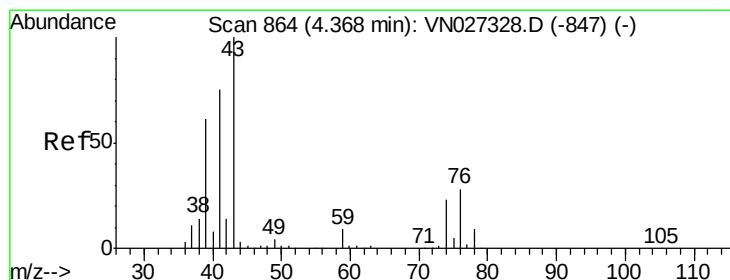
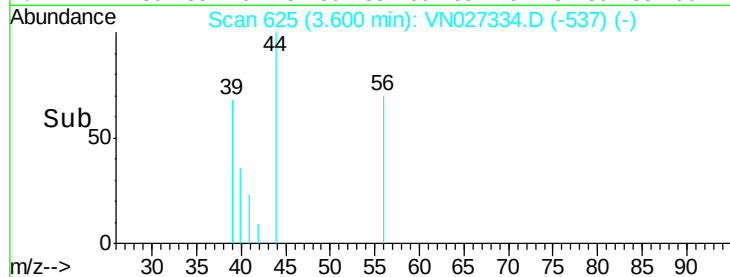
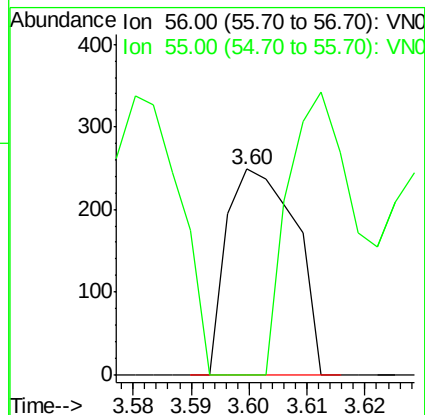
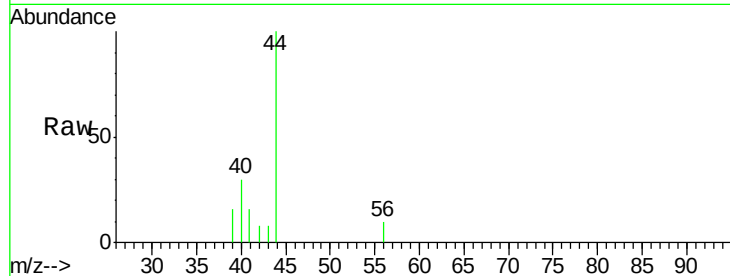
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Tgt Ion: 56 Resp: 204

Ion Ratio Lower Upper

56 100

55 137.7 55.7 83.5#



#15

Allyl chloride

Concen: 2.38 ug/l

RT: 4.59 min Scan# 934

Delta R.T. 0.23 min

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Acq: 21 Sep 2015 16:23

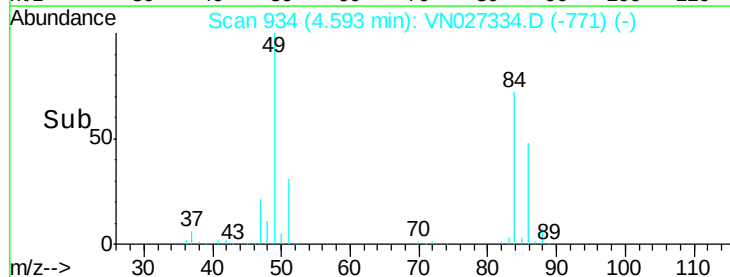
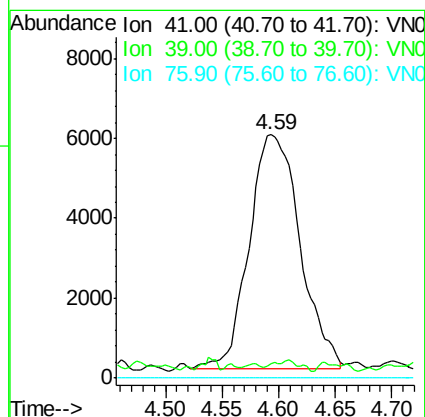
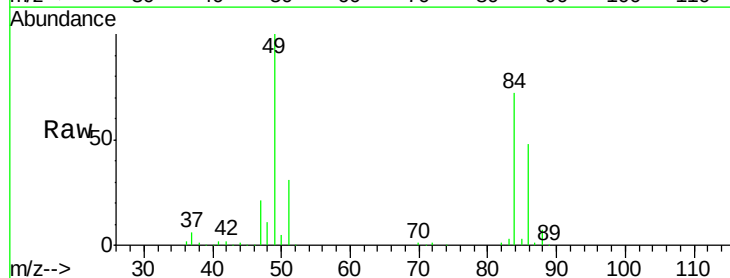
Tgt Ion: 41 Resp: 18223

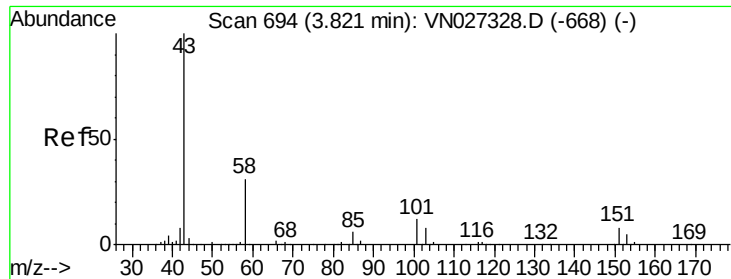
Ion Ratio Lower Upper

41 100

39 2.1 49.7 74.5#

76 0.0 24.8 37.2#





#17

Acetone

Concen: 147.78 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

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ClientSampled :

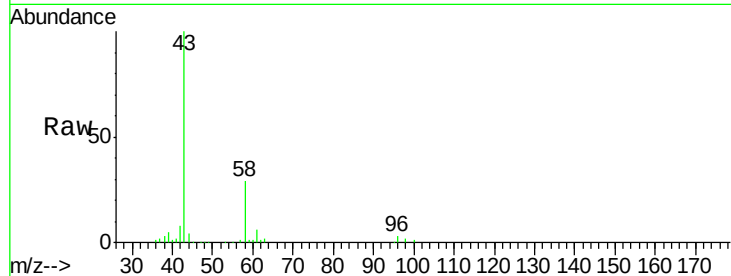
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Tgt Ion: 43 Resp: 271096

Ion Ratio Lower Upper

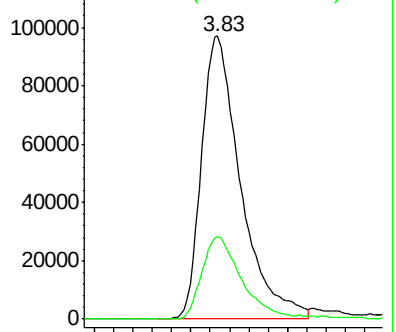
43 100

58 29.3 25.4 38.0

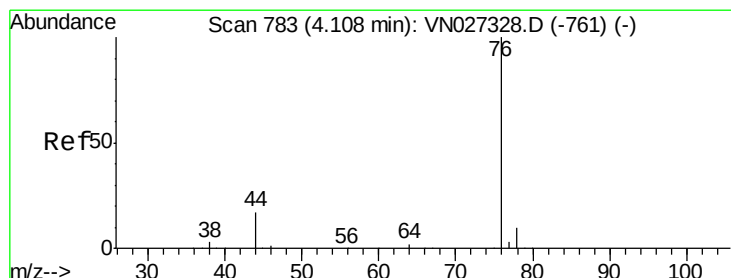
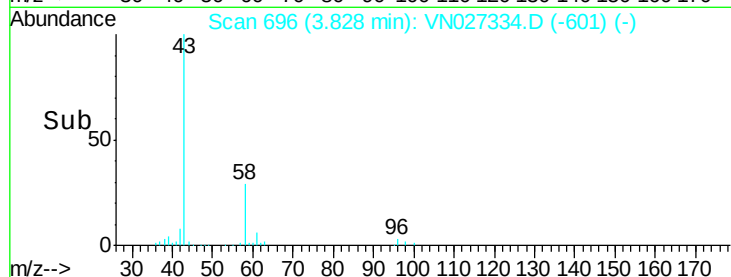


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->



#18

Carbon Disulfide

Concen: 0.27 ug/l

RT: 4.11 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN027334.D

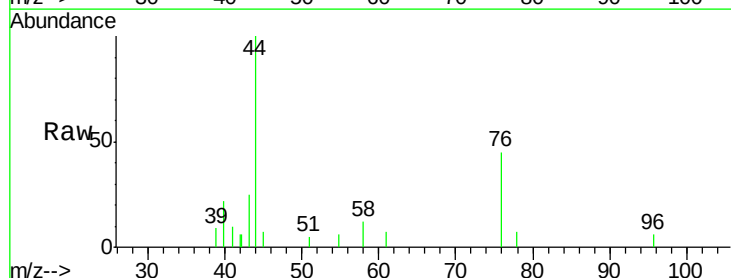
Acq: 21 Sep 2015 16:23

Tgt Ion: 76 Resp: 3223

Ion Ratio Lower Upper

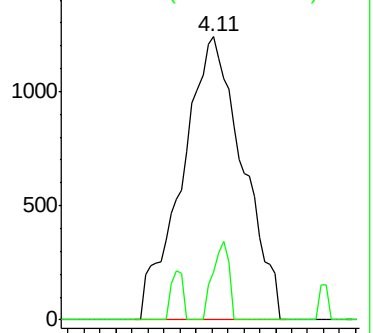
76 100

78 16.7 7.1 10.7#

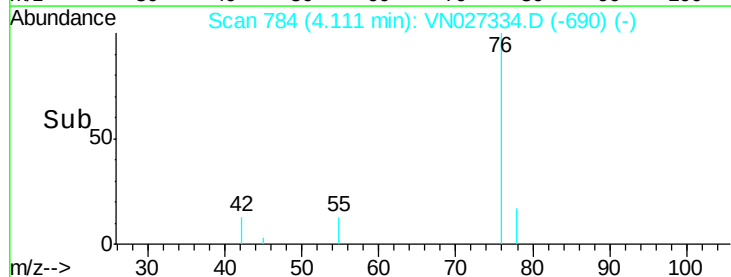


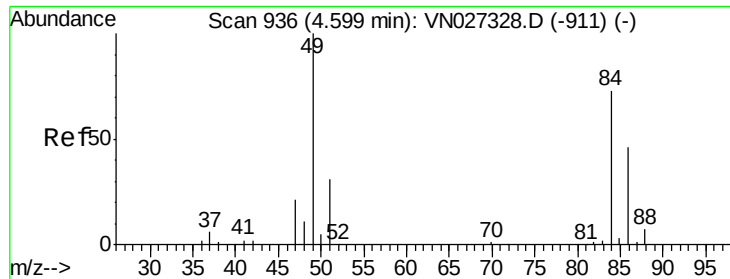
Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



Time-->

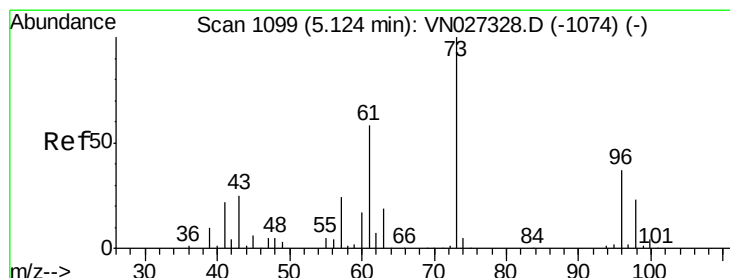
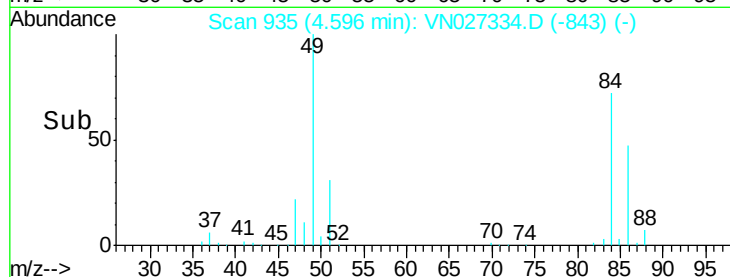
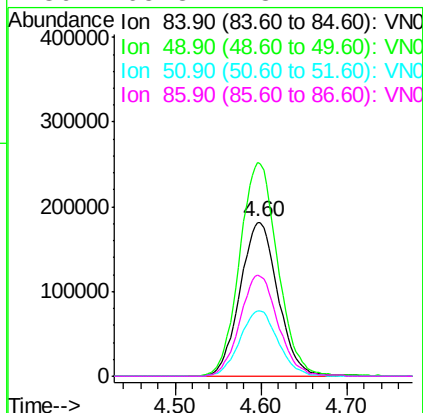
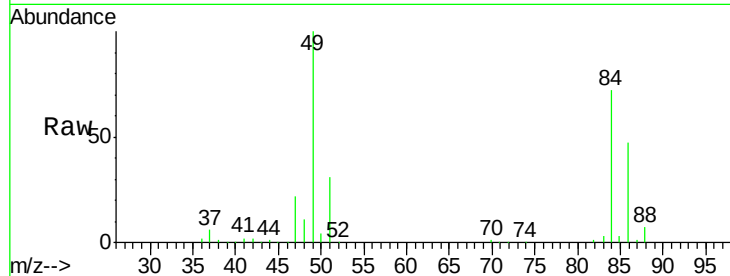




#21
Methylene Chloride
Concen: 113.93 ug/l
RT: 4.60 min Scan# 935
Delta R.T. -0.00 min
Lab File: VN027334.D
Acq: 21 Sep 2015 16:23

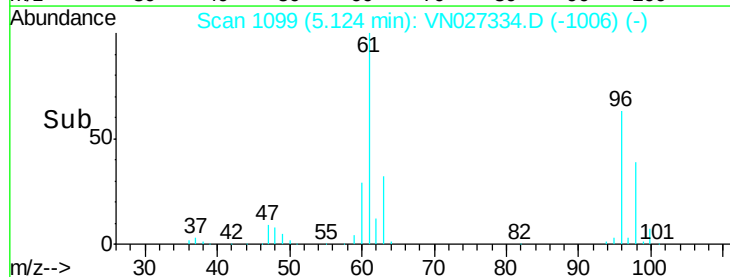
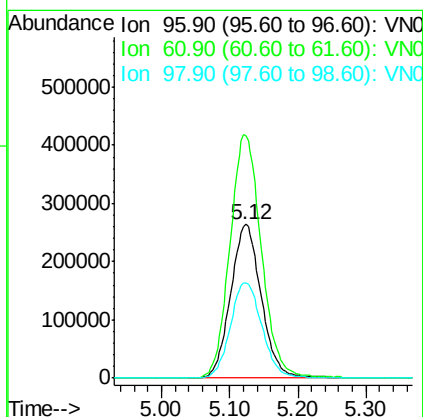
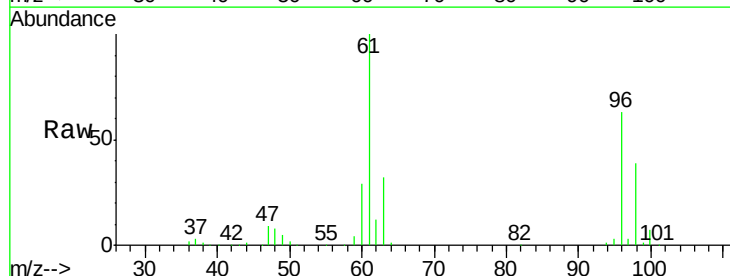
Instrument :
MSVOA_N
ClientSampleId :
TRIPBLANK

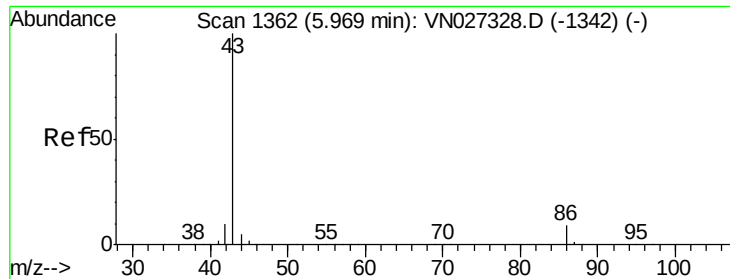
Tgt Ion: 84 Resp: 556445
Ion Ratio Lower Upper
84 100
49 138.7 112.3 168.5
51 42.4 33.8 50.8
86 65.3 48.2 72.4



#22
trans-1,2-Dichloroethene
Concen: 191.15 ug/l
RT: 5.12 min Scan# 1099
Delta R.T. 0.00 min
Lab File: VN027334.D
Acq: 21 Sep 2015 16:23

Tgt Ion: 96 Resp: 826659
Ion Ratio Lower Upper
96 100
61 157.7 126.6 189.8
98 62.0 47.4 71.2





#24

Vinyl Acetate

Concen: 9.37 ug/l

RT: 5.98 min Scan# 1365

Delta R.T. 0.01 min

Lab File: VN027334.D

Acq: 21 Sep 2015 16:23

Instrument :

MSVOA_N

ClientSampleId :

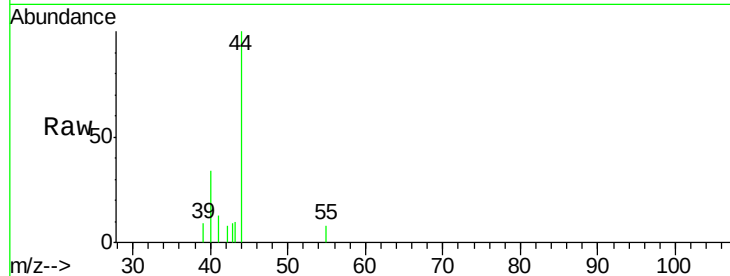
TRIPBLANK

Tgt Ion: 43 Resp: 535

Ion Ratio Lower Upper

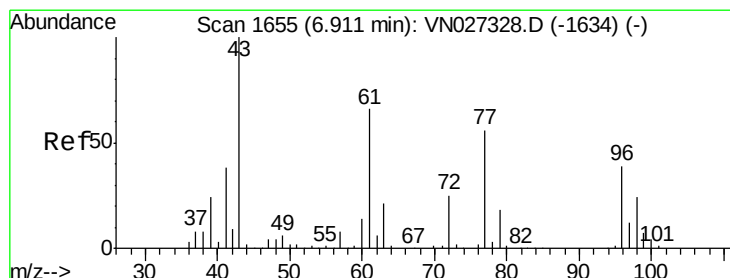
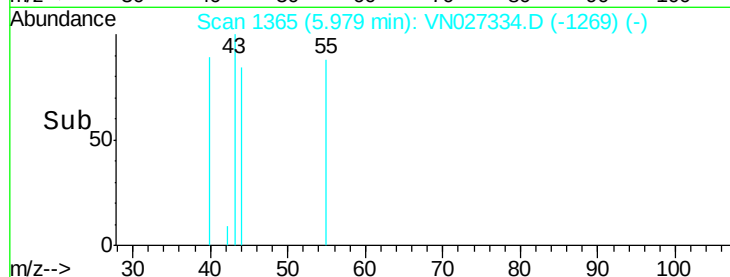
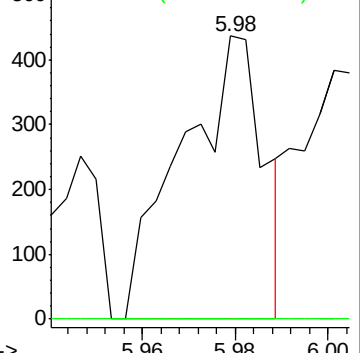
43 100

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



#26

2-Butanone

Concen: 307.74 ug/l

RT: 6.91 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VN027334.D

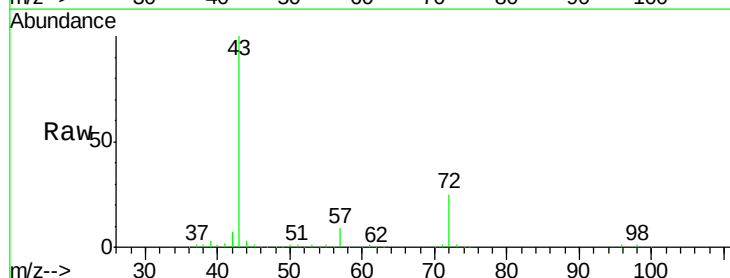
Acq: 21 Sep 2015 16:23

Tgt Ion: 43 Resp: 739278

Ion Ratio Lower Upper

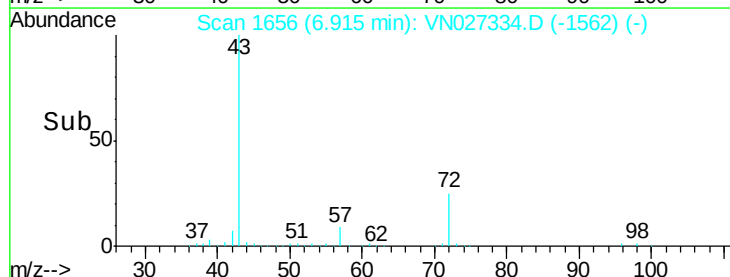
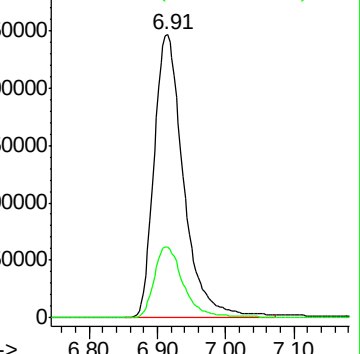
43 100

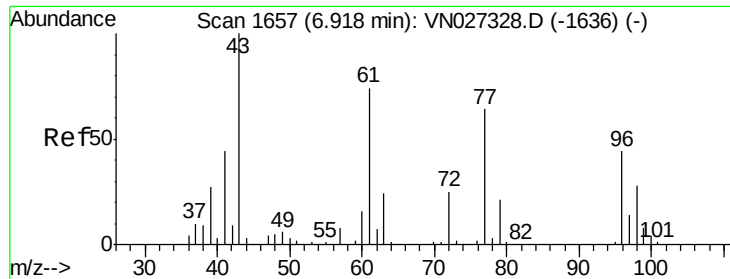
72 25.0 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

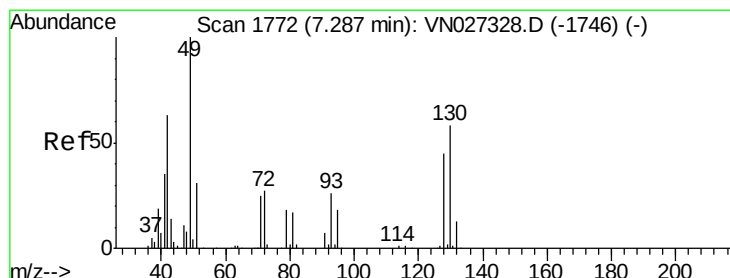
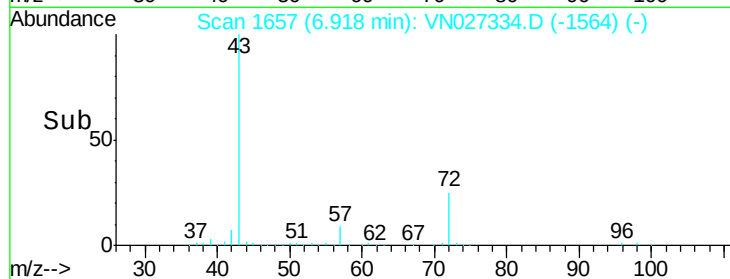
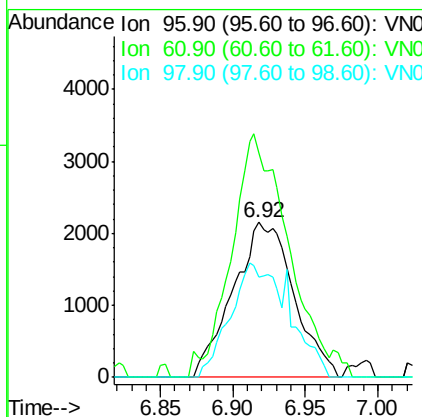
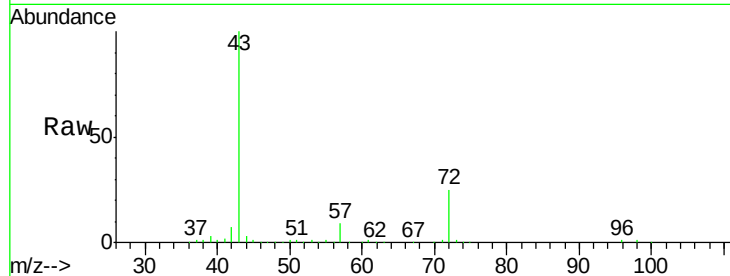




#28
 cis-1,2-Dichloroethene
 Concen: 1.23 ug/l
 RT: 6.92 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: VN027334.D
 Acq: 21 Sep 2015 16:23

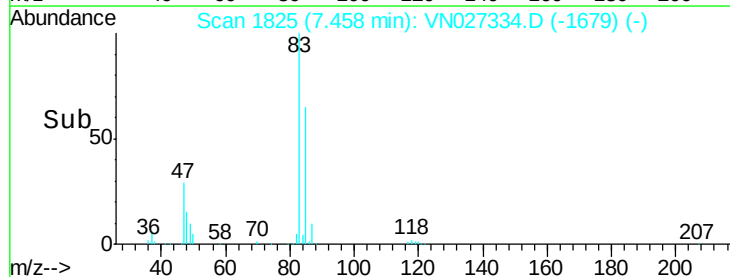
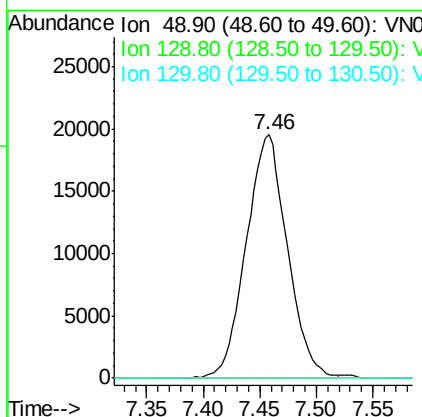
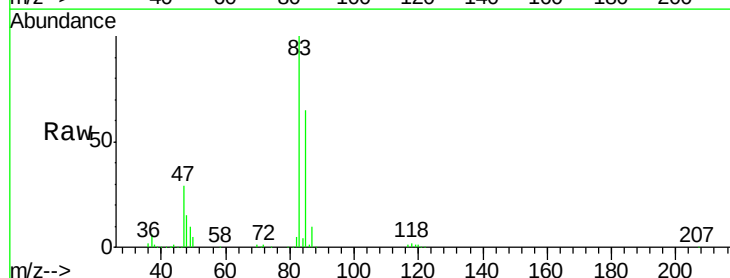
Instrument :
 MSVOA_N
 ClientSampleId :
 TRIPBLANK

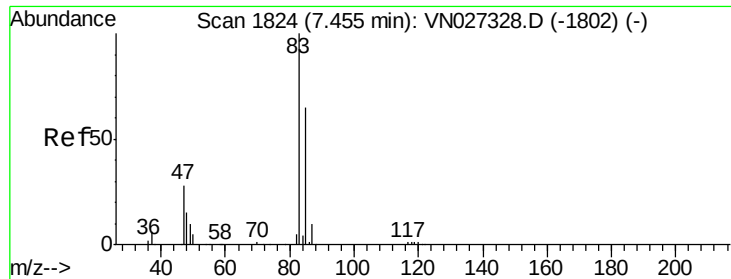
Tgt Ion: 96 Resp: 6277
 Ion Ratio Lower Upper
 96 100
 61 148.4 0.0 329.2
 98 71.6 0.0 126.0



#29
 Bromochloromethane
 Concen: 12.95 ug/l
 RT: 7.46 min Scan# 1825
 Delta R.T. 0.17 min
 Lab File: VN027334.D
 Acq: 21 Sep 2015 16:23

Tgt Ion: 49 Resp: 49410
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.2
 130 0.0 43.2 64.8#





#31

Chloroform

Concen: 55.82 ug/l

RT: 7.45 min Scan# 1824

Delta R.T. 0.00 min

Lab File: VN027334.D

Acq: 21 Sep 2015 16:23

Instrument :

MSVOA_N

ClientSampleId :

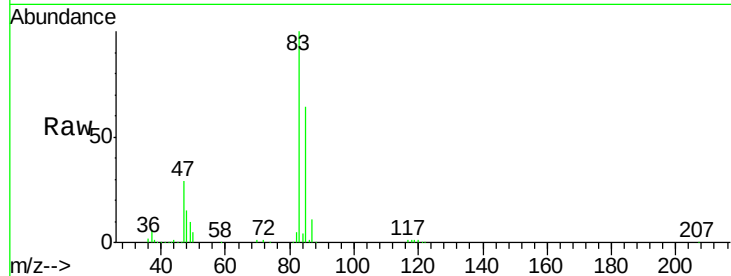
TRIPBLANK

Tgt Ion: 83 Resp: 509756

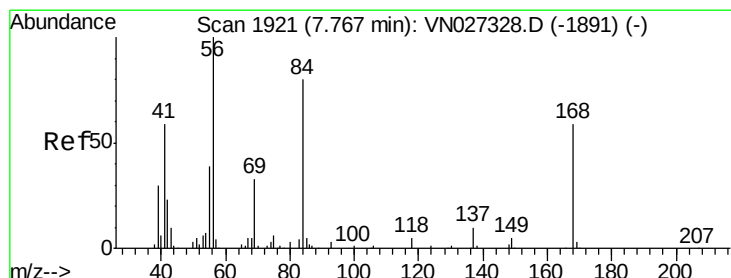
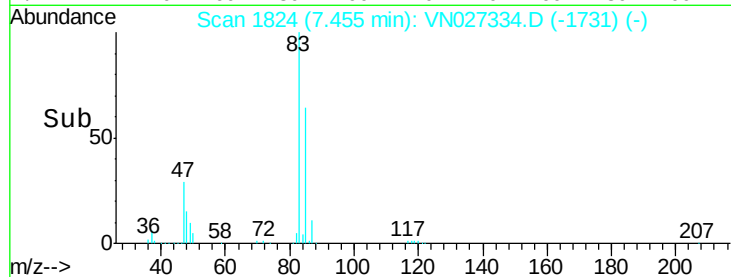
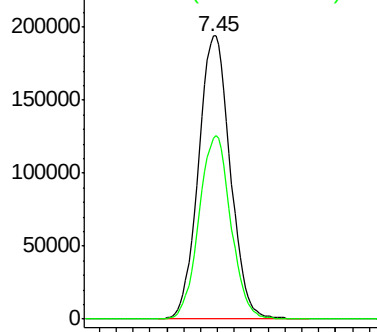
Ion Ratio Lower Upper

83 100

85 63.9 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO



#32

Cyclohexane

Concen: Below Cal

RT: 7.75 min Scan# 1916

Delta R.T. -0.02 min

Lab File: VN027334.D

Acq: 21 Sep 2015 16:23

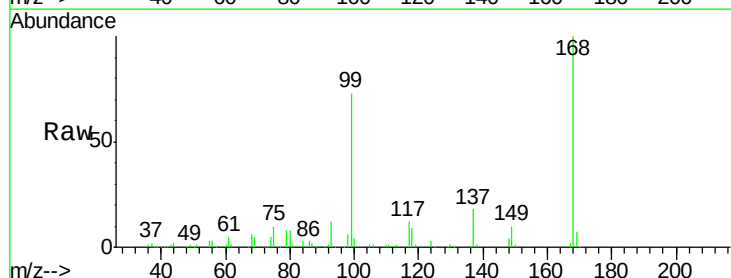
Tgt Ion: 56 Resp: 11426

Ion Ratio Lower Upper

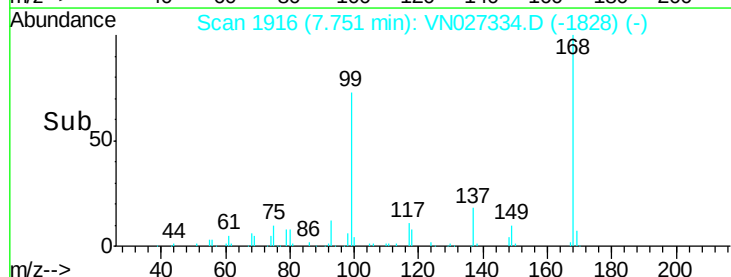
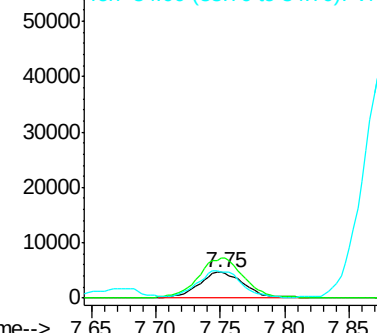
56 100

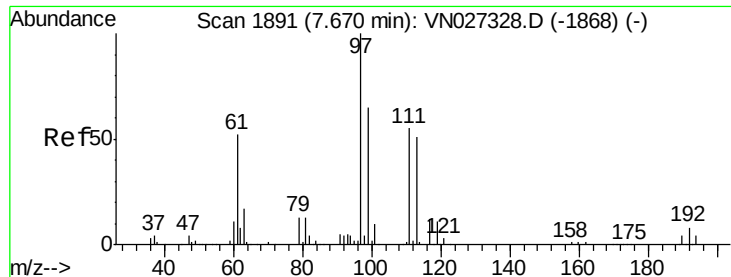
69 154.6 23.0 34.4#

84 97.8 57.8 86.8#



Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

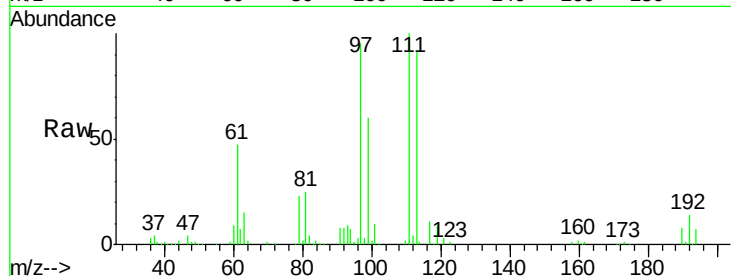




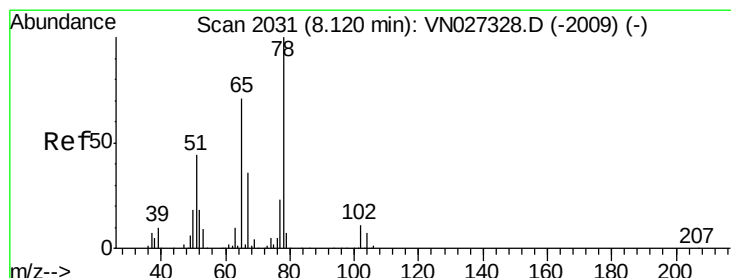
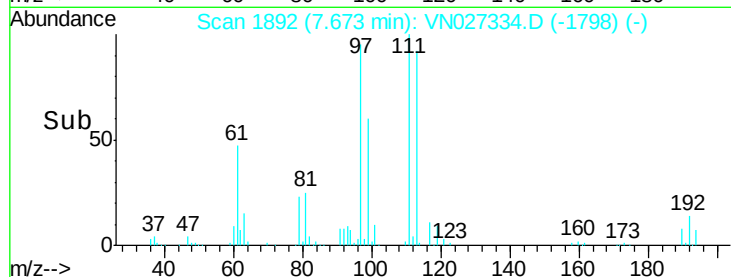
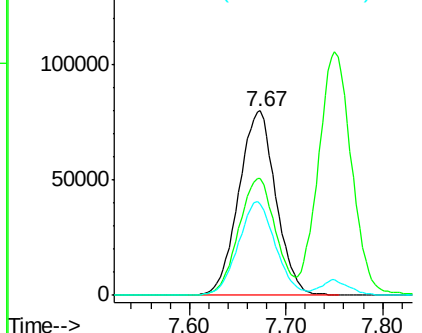
#33
 1,1,1-Trichloroethane
 Concen: 26.48 ug/l
 RT: 7.67 min Scan# 1892
 Delta R.T. 0.00 min
 Lab File: VN027334.D
 Acq: 21 Sep 2015 16:23

Instrument :
 MSVOA_N
 ClientSampled :
 TRIPBLANK

Tgt Ion: 97 Resp: 214280
 Ion Ratio Lower Upper
 97 100
 99 63.0 50.1 75.1
 61 50.5 44.0 66.0

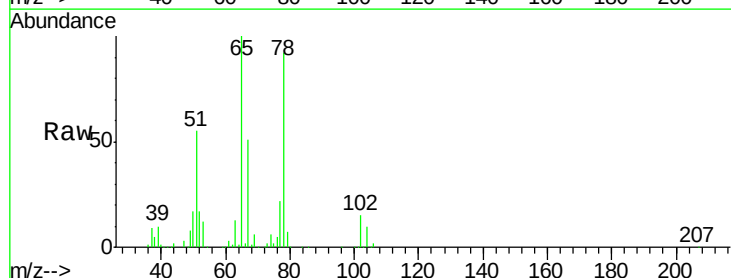


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0

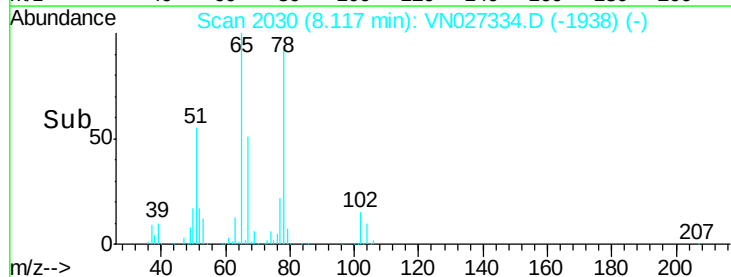
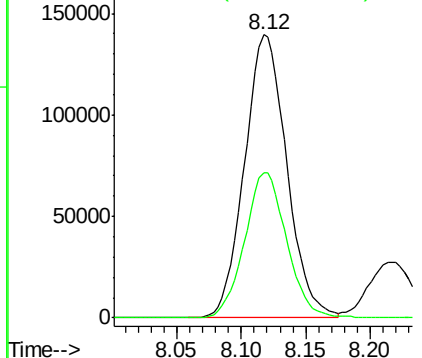


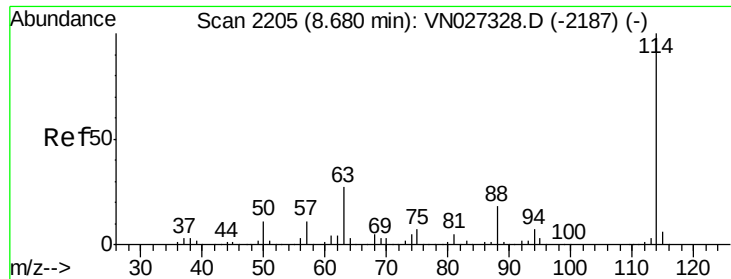
#34
 1,2-Dichloroethane-d4
 Concen: 47.20 ug/l
 RT: 8.12 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: VN027334.D
 Acq: 21 Sep 2015 16:23

Tgt Ion: 65 Resp: 318275
 Ion Ratio Lower Upper
 65 100
 67 51.1 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: VN027334.D

Acq: 21 Sep 2015 16:23

Instrument :

MSVOA_N

ClientSampleId :

TRIPBLANK

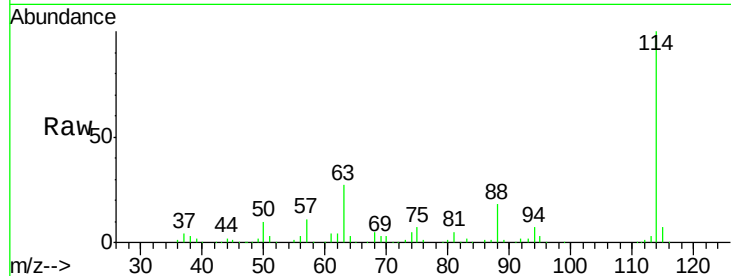
Tgt Ion:114 Resp: 630284

Ion Ratio Lower Upper

114 100

63 27.0 0.0 48.8

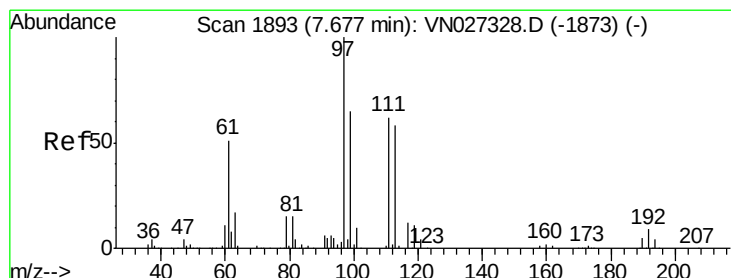
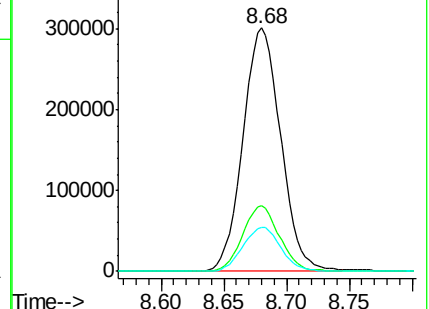
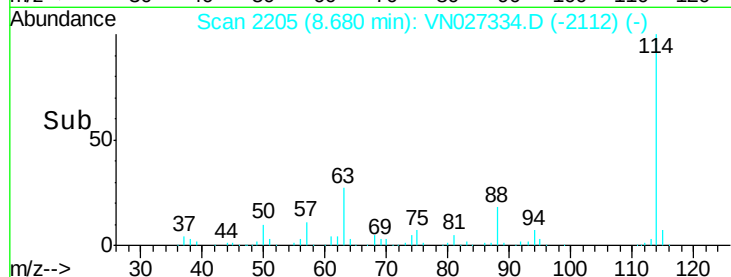
88 18.2 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#36

Dibromofluoromethane

Concen: 48.26 ug/l

RT: 7.68 min Scan# 1893

Delta R.T. 0.00 min

Lab File: VN027334.D

Acq: 21 Sep 2015 16:23

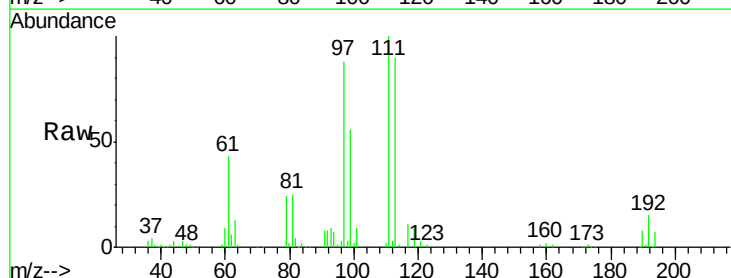
Tgt Ion:113 Resp: 198450

Ion Ratio Lower Upper

113 100

111 107.7 83.0 124.4

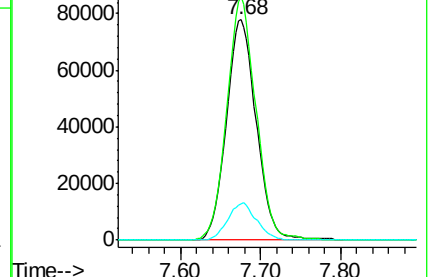
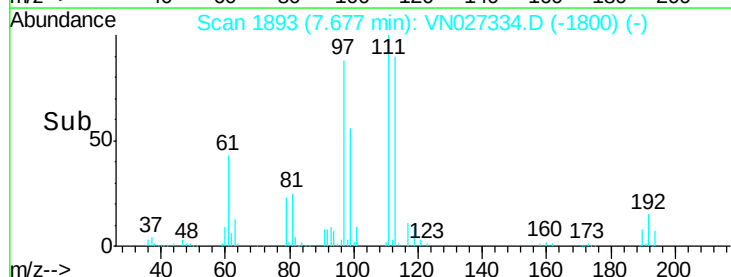
192 16.2 14.1 21.1

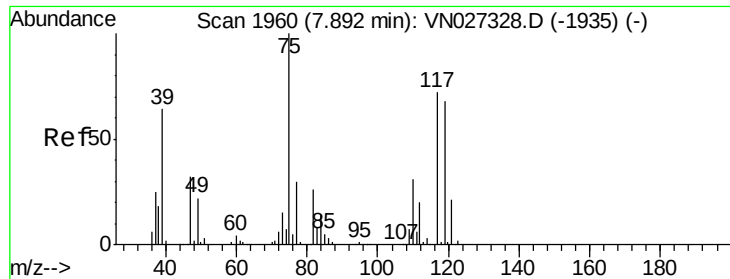


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

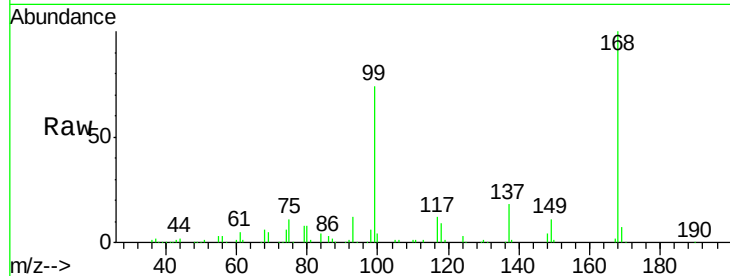




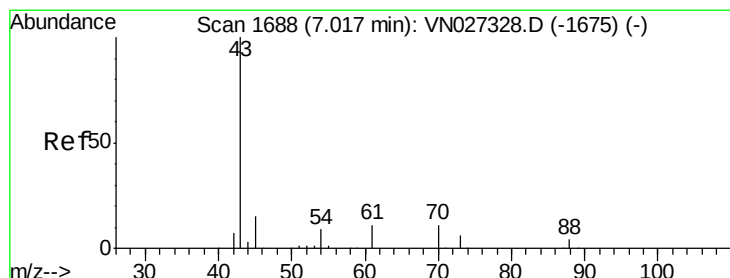
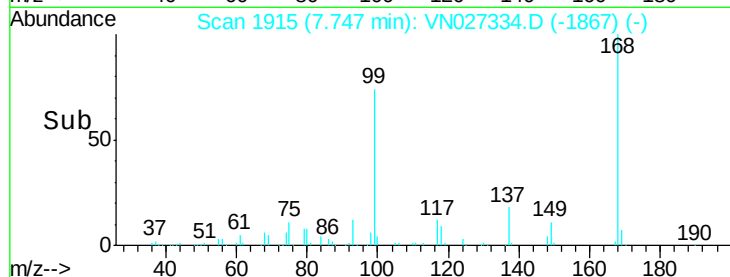
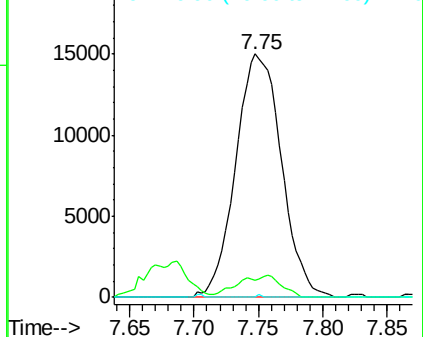
#37
 1,1-Dichloropropene
 Concen: 5.46 ug/l
 RT: 7.75 min Scan# 1915
 Delta R.T. -0.14 min
 Lab File: VN027334.D
 Acq: 21 Sep 2015 16:23

Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion: 75 Resp: 37082
 Ion Ratio Lower Upper
 75 100
 110 3.2 15.9 47.7#
 77 0.0 24.9 37.3#

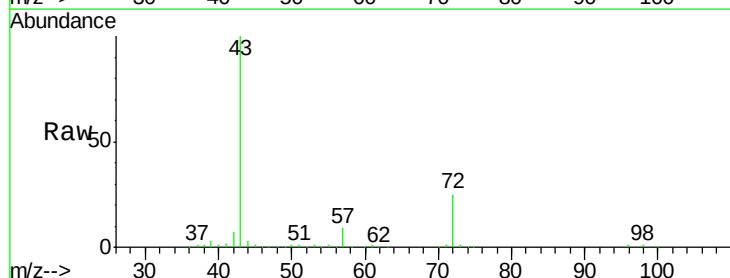


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): VN0
 Ion 76.90 (76.60 to 77.60): VN0

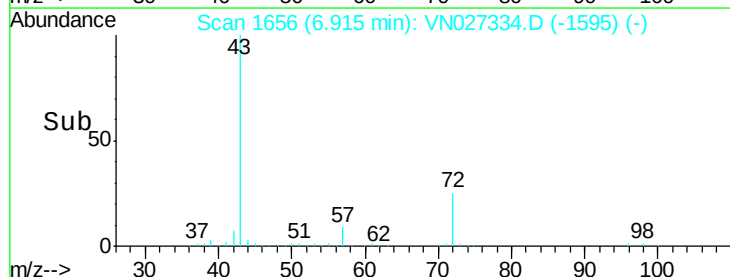
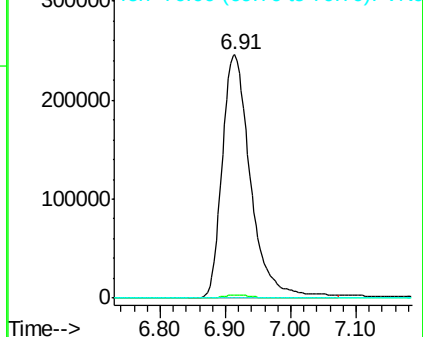


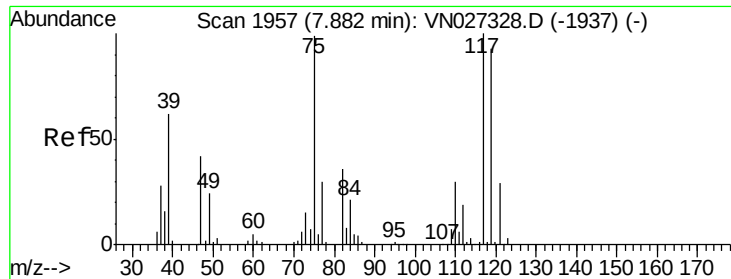
#38
 Ethyl Acetate
 Concen: 141.07 ug/l
 RT: 6.91 min Scan# 1656
 Delta R.T. -0.10 min
 Lab File: VN027334.D
 Acq: 21 Sep 2015 16:23

Tgt Ion: 43 Resp: 739937
 Ion Ratio Lower Upper
 43 100
 61 1.3 10.2 15.4#
 70 0.0 7.4 11.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 70.00 (69.70 to 70.70): VN0





#39

Carbon Tetrachloride

Concen: 96.02 ug/l

RT: 7.88 min Scan# 1957

Delta R.T. 0.00 min

Lab File: VN027334.D

Acq: 21 Sep 2015 16:23

Instrument :

MSVOA_N

ClientSampleId :

TRIPBLANK

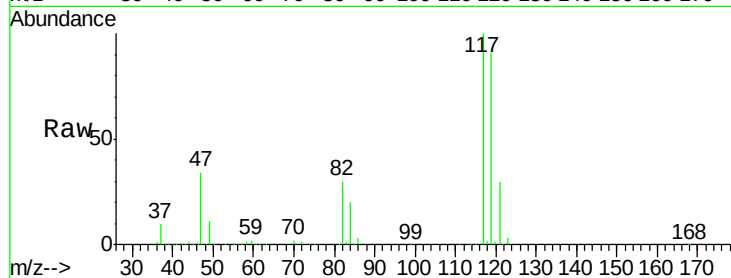
Tgt Ion:117 Resp: 613796

Ion Ratio Lower Upper

117 100

119 91.4 75.3 112.9

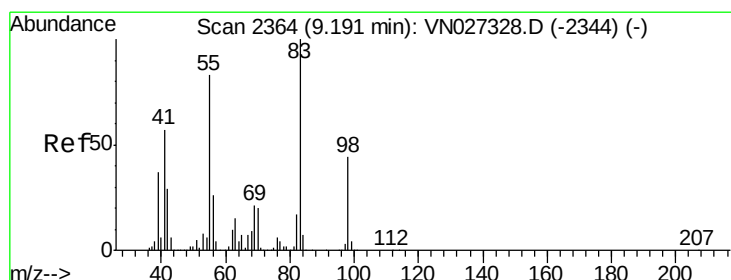
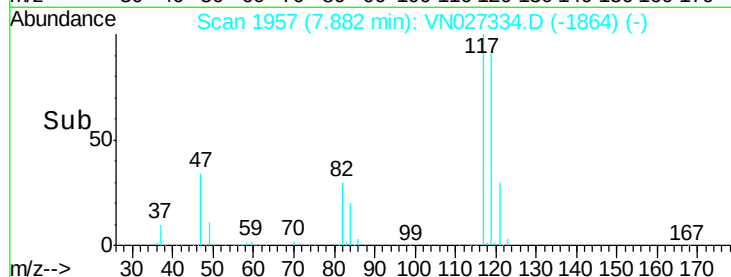
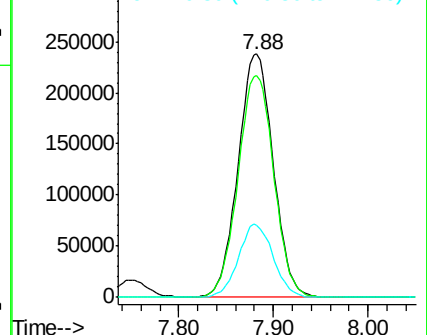
121 29.5 23.8 35.8



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



#40

Methylcyclohexane

Concen: 1.18 ug/l

RT: 8.93 min Scan# 2283

Delta R.T. -0.26 min

Lab File: VN027334.D

Acq: 21 Sep 2015 16:23

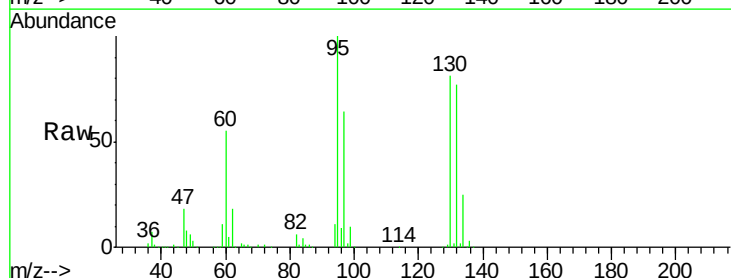
Tgt Ion: 83 Resp: 9511

Ion Ratio Lower Upper

83 100

55 0.0 69.8 104.8#

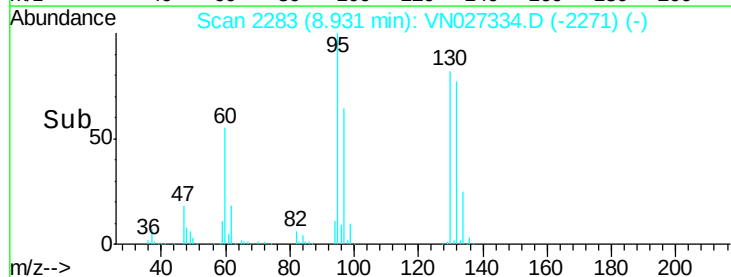
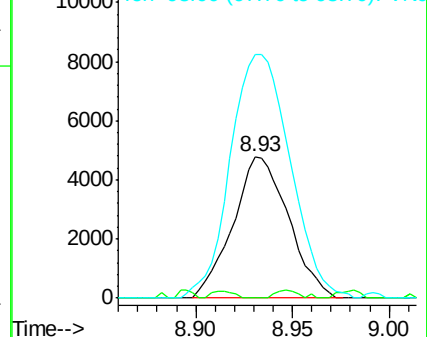
98 168.7 34.3 51.5#

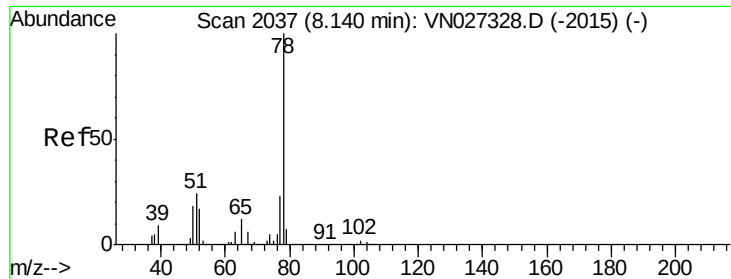


Abundance Ion 83.00 (82.70 to 83.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 98.00 (97.70 to 98.70): VNO





#41

Benzene

Concen: 45.79 ug/l

RT: 8.14 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VN027334.D

Acq: 21 Sep 2015 16:23

Instrument :

MSVOA_N

ClientSampleId :

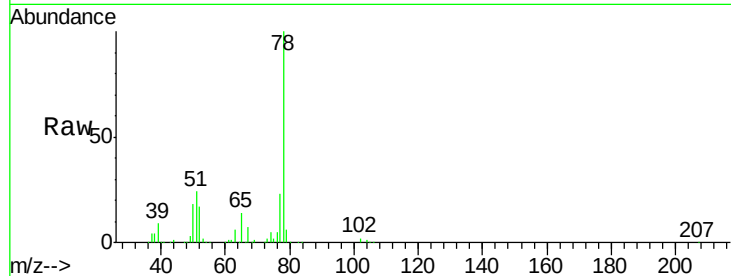
TRIPBLANK

Tgt Ion: 78 Resp: 902642

Ion Ratio Lower Upper

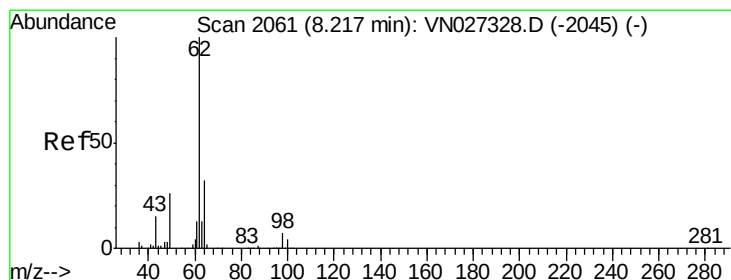
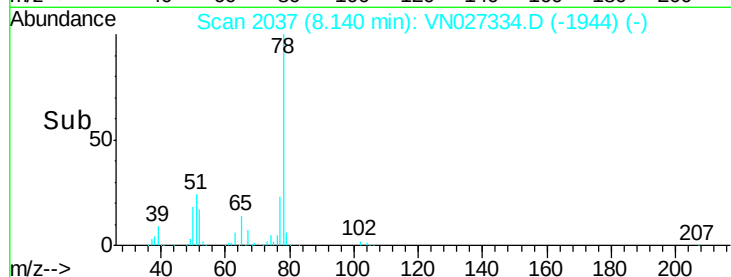
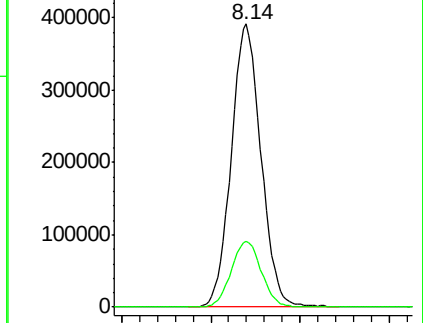
78 100

77 23.4 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#43

1,2-Dichloroethane

Concen: 199.84 ug/l

RT: 8.22 min Scan# 2061

Delta R.T. 0.00 min

Lab File: VN027334.D

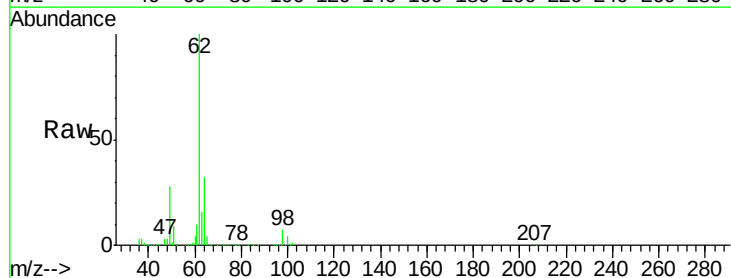
Acq: 21 Sep 2015 16:23

Tgt Ion: 62 Resp: 1606217

Ion Ratio Lower Upper

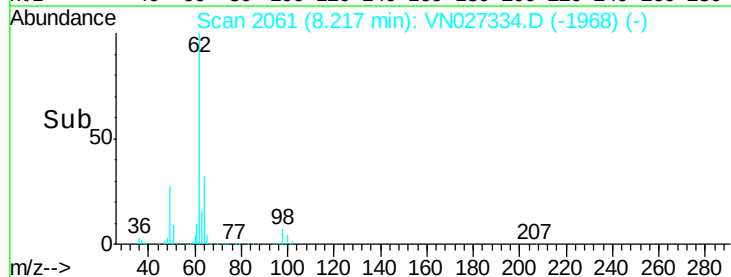
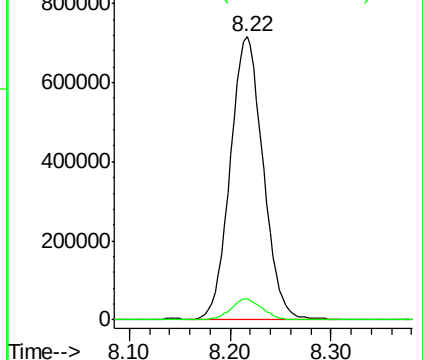
62 100

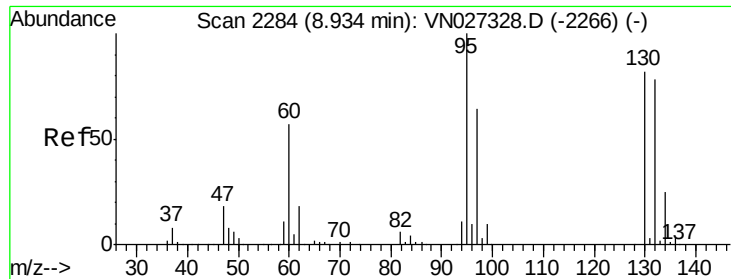
98 7.2 0.0 18.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#45

Trichloroethene

Concen: 145.29 ug/l

RT: 8.93 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN027334.D

Acq: 21 Sep 2015 16:23

Instrument :

MSVOA_N

ClientSampleId :

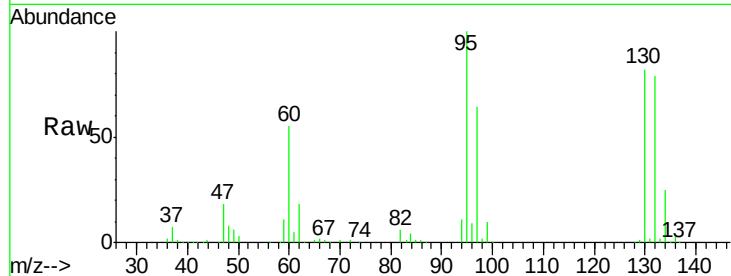
TRIPBLANK

Tgt Ion:130 Resp: 573834

Ion Ratio Lower Upper

130 100

95 121.7 0.0 222.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

400000

300000

200000

100000

0

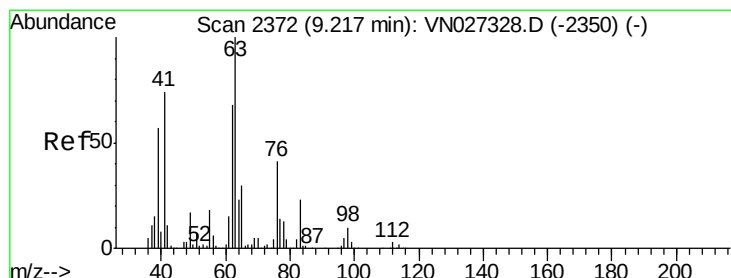
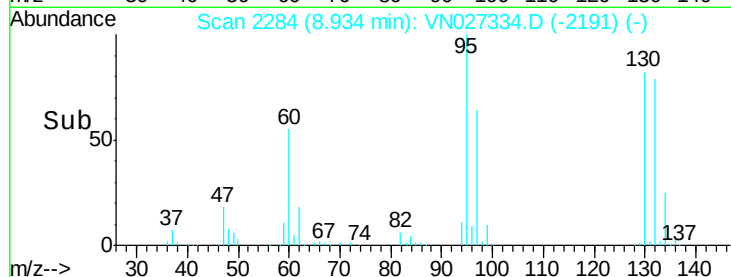
8.93

8.80

8.90

9.00

Time-->



#46

1,2-Dichloropropane

Concen: 138.91 ug/l

RT: 9.21 min Scan# 2371

Delta R.T. -0.00 min

Lab File: VN027334.D

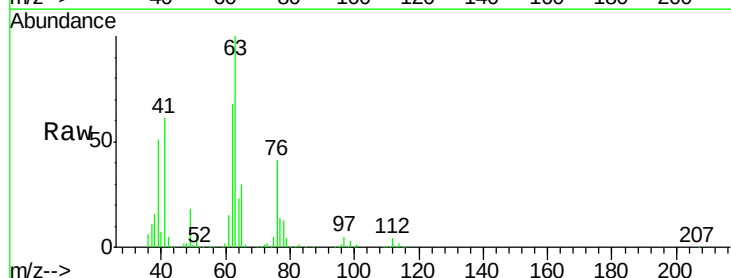
Acq: 21 Sep 2015 16:23

Tgt Ion: 63 Resp: 766489

Ion Ratio Lower Upper

63 100

65 30.4 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

400000

300000

200000

100000

0

9.21

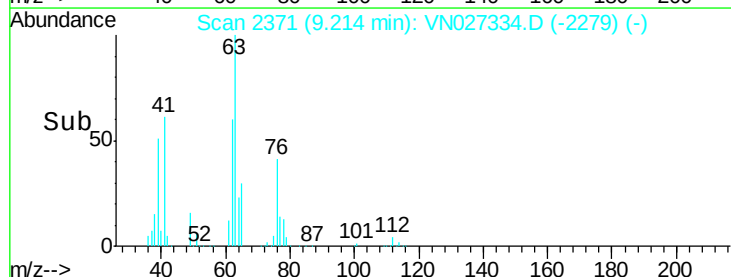
9.10

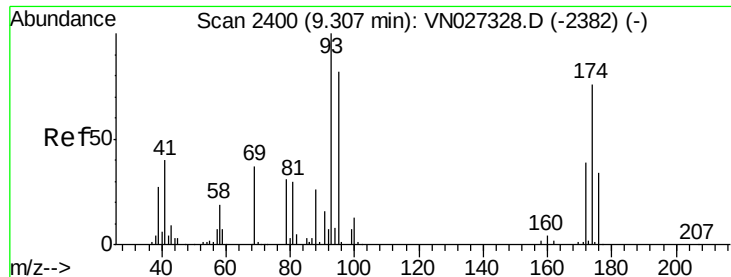
9.20

9.30

9.40

Time-->





#47

Dibromomethane

Concen: 55.80 ug/l

RT: 9.31 min Scan# 2400

Delta R.T. 0.00 min

Lab File: VN027334.D

Acq: 21 Sep 2015 16:23

Instrument :

MSVOA_N

ClientSampleId :

TRIPBLANK

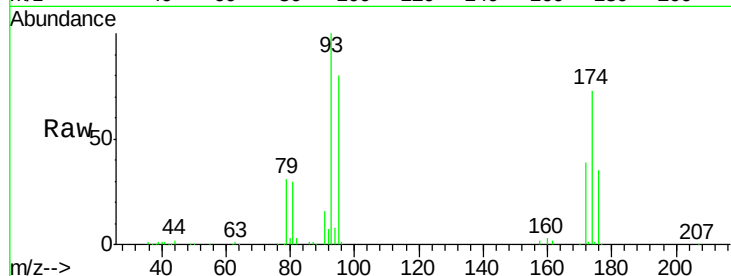
Tgt Ion: 93 Resp: 184808

Ion Ratio Lower Upper

93 100

95 81.9 66.3 99.5

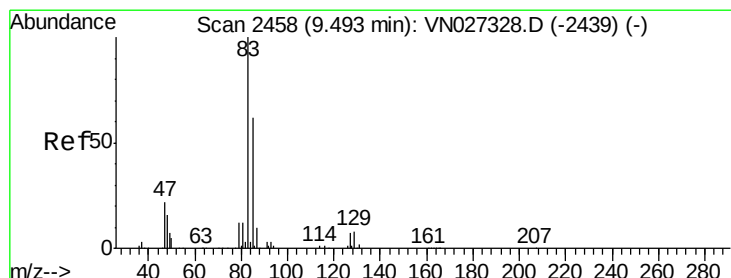
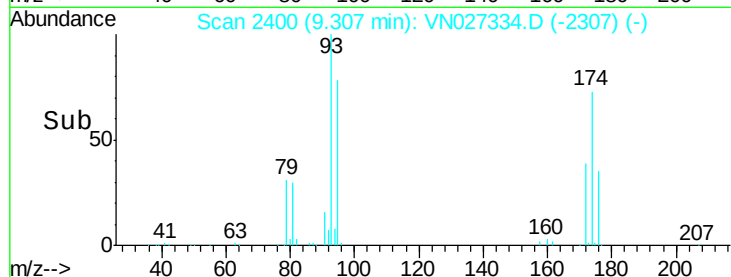
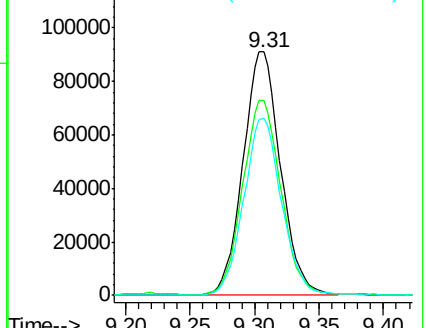
174 73.5 67.8 101.6



Abundance Ion 92.80 (92.50 to 93.50): VN027334.D (-2382) (-)

Ion 94.80 (94.50 to 95.50): VN027334.D (-2382) (-)

Ion 173.70 (173.40 to 174.40): VN027334.D (-2382) (-)



#48

Bromodichloromethane

Concen: 74.37 ug/l

RT: 9.49 min Scan# 2458

Delta R.T. 0.00 min

Lab File: VN027334.D

Acq: 21 Sep 2015 16:23

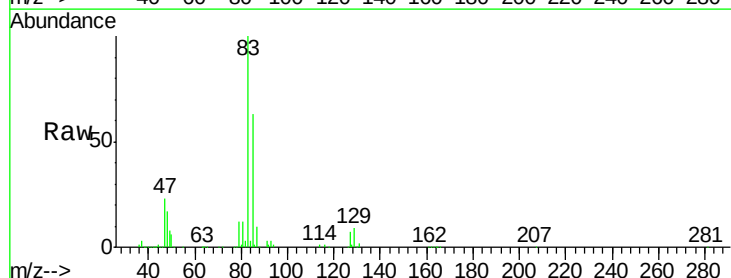
Tgt Ion: 83 Resp: 522322

Ion Ratio Lower Upper

83 100

85 63.3 50.7 76.1

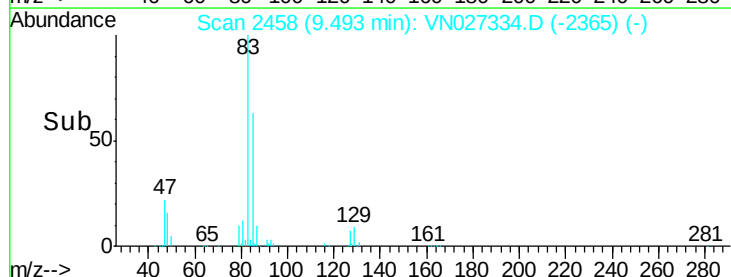
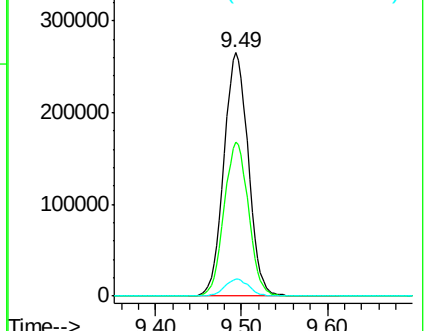
127 7.1 5.5 8.3

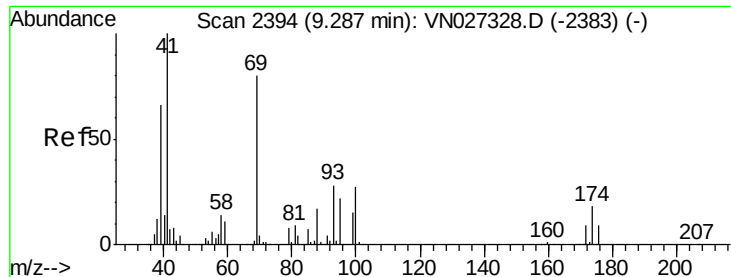


Abundance Ion 82.90 (82.60 to 83.60): VN027334.D (-2439) (-)

Ion 84.90 (84.60 to 85.60): VN027334.D (-2439) (-)

Ion 126.80 (126.50 to 127.50): VN027334.D (-2439) (-)





#49

Methyl methacrylate

Concen: 98.55 ug/l

RT: 9.21 min Scan# 2371

Delta R.T. -0.07 min

Lab File: VN027334.D

Acq: 21 Sep 2015 16:23

Instrument :

MSVOA_N

ClientSampleId :

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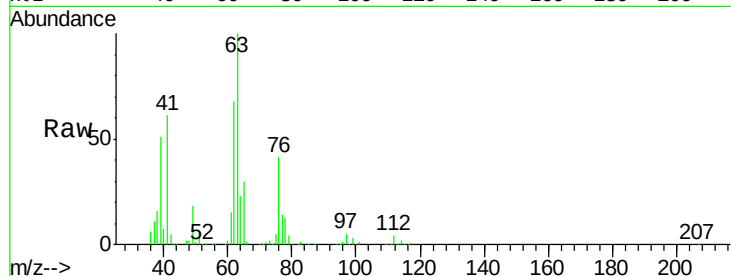
Tgt Ion: 41 Resp: 464984

Ion Ratio Lower Upper

41 100

69 0.0 59.3 88.9#

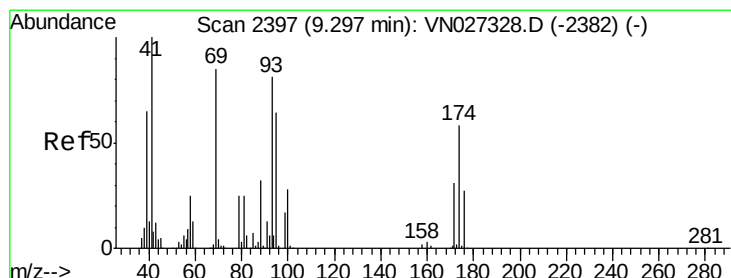
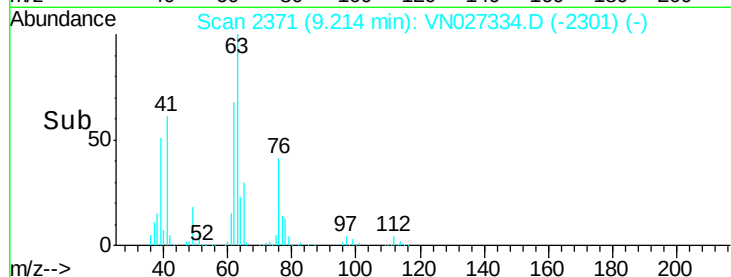
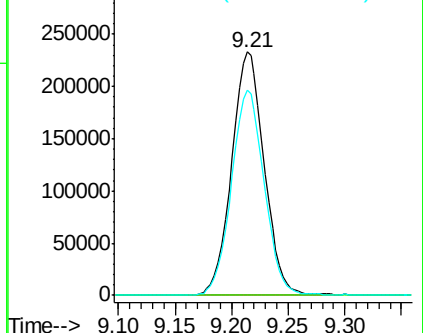
39 85.0 39.5 59.3#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#50

1,4-Dioxane

Concen: 13.96 ug/l

RT: 9.31 min Scan# 2401

Delta R.T. 0.01 min

Lab File: VN027334.D

Acq: 21 Sep 2015 16:23

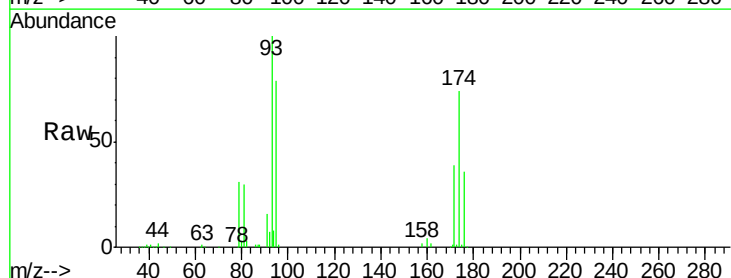
Tgt Ion: 88 Resp: 795

Ion Ratio Lower Upper

88 100

43 19.1 27.6 41.4#

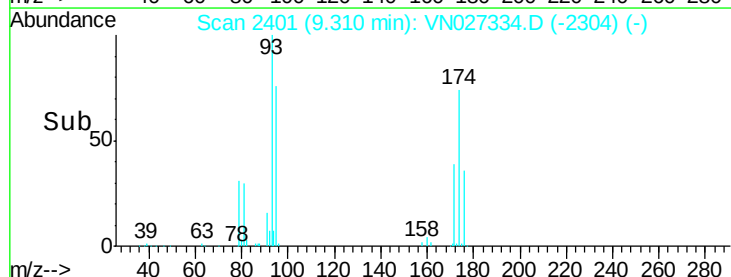
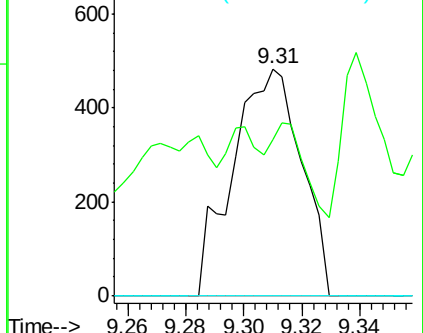
58 0.0 63.1 94.7#

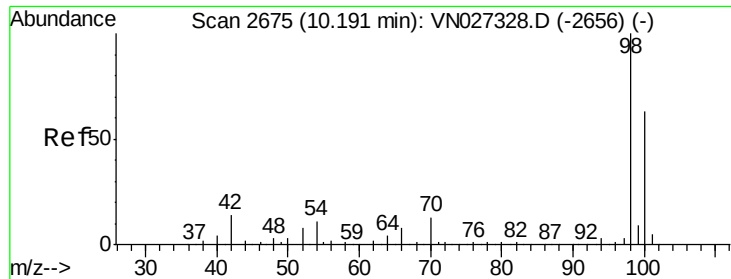


Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#51

Toluene-d8

Concen: 49.02 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027334.D

Acq: 21 Sep 2015 16:23

Instrument :

MSVOA_N

ClientSampleId :

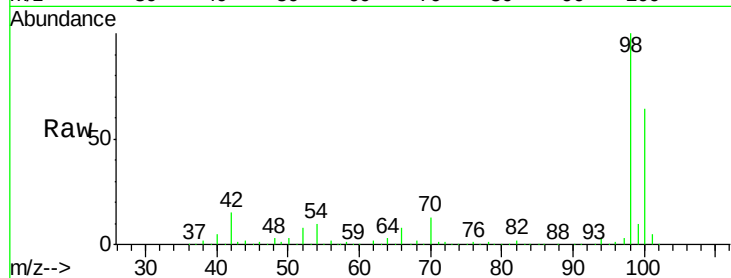
TRIPBLANK

Tgt Ion: 98 Resp: 779409

Ion Ratio Lower Upper

98 100

100 63.2 50.5 75.7



Abundance Ion 98.00 (97.70 to 98.70): VN027328.D (-2656) (-)

Ion 100.00 (99.70 to 100.70): VN027328.D (-2656) (-)

10.19

400000

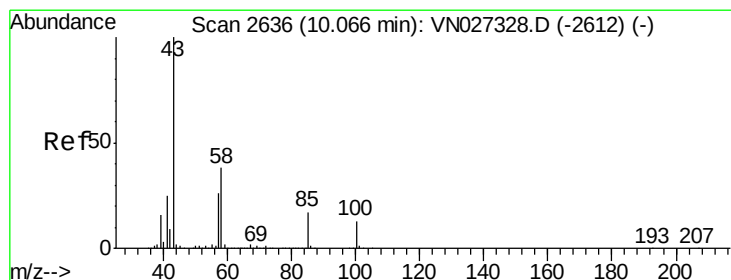
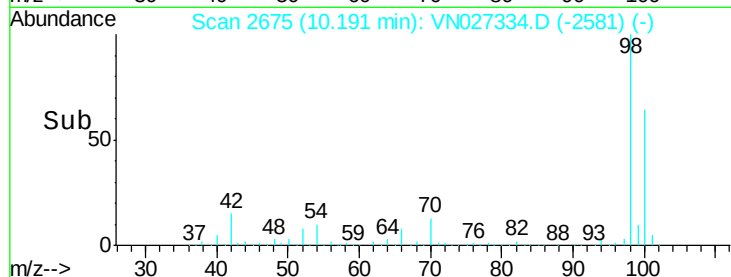
300000

200000

100000

0

Time-->



#52

4-Methyl-2-Pentanone

Concen: 40.45 ug/l

RT: 10.07 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VN027334.D

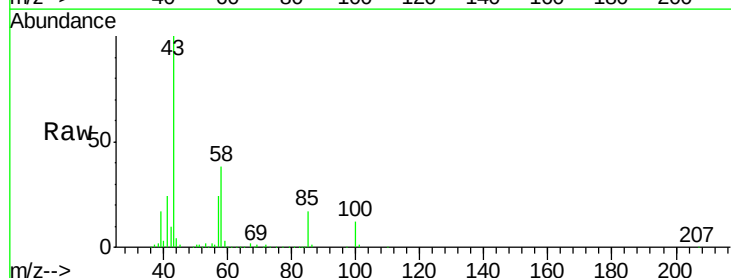
Acq: 21 Sep 2015 16:23

Tgt Ion: 43 Resp: 208603

Ion Ratio Lower Upper

43 100

58 37.8 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VN027328.D (-2612) (-)

Ion 58.00 (57.70 to 58.70): VN027328.D (-2612) (-)

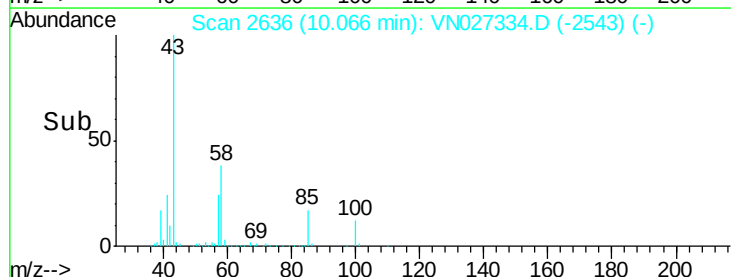
10.07

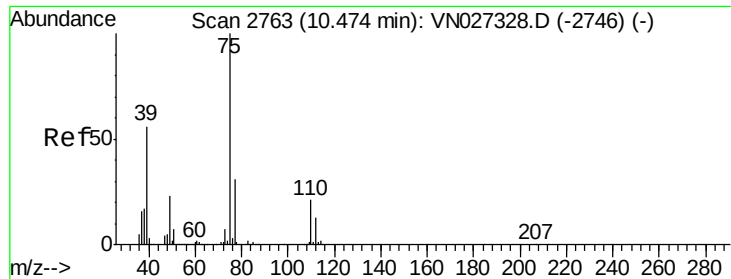
100000

50000

0

Time-->





#54

t-1,3-Dichloropropene

Concen: 50.03 ug/l

RT: 10.47 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VN027334.D

Acq: 21 Sep 2015 16:23

Instrument :

MSVOA_N

ClientSampleId :

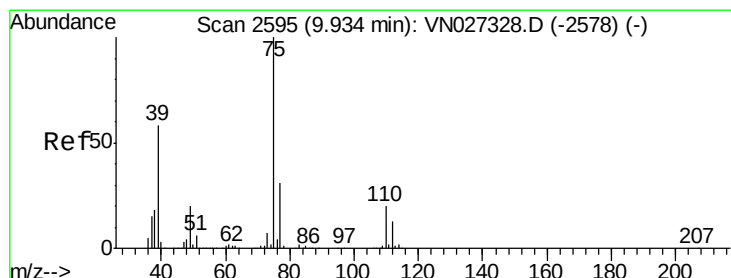
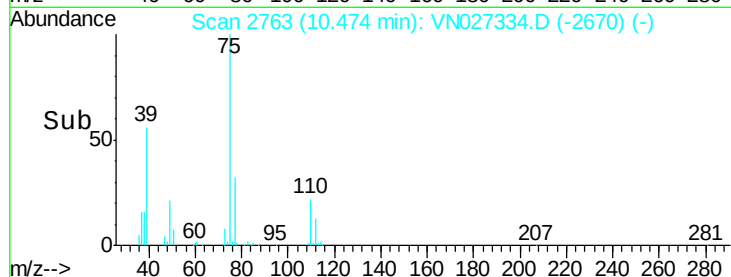
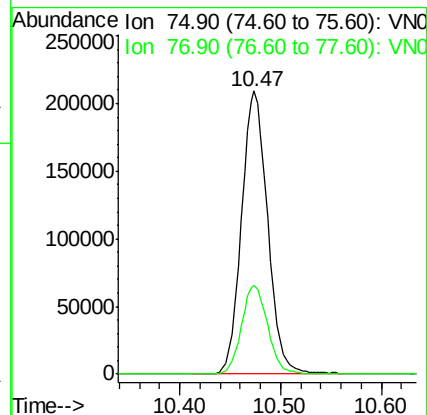
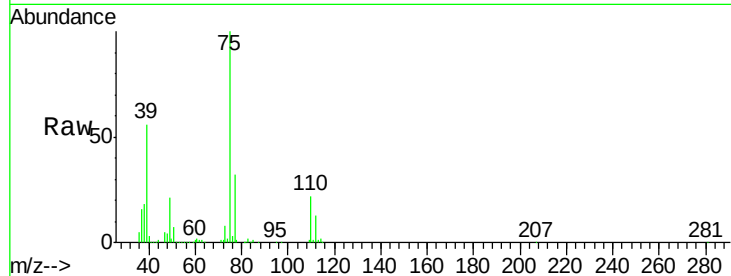
TRIPBLANK

Tgt Ion: 75 Resp: 375138

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.2



#55

cis-1,3-Dichloropropene

Concen: 73.54 ug/l

RT: 9.93 min Scan# 2595

Delta R.T. 0.00 min

Lab File: VN027334.D

Acq: 21 Sep 2015 16:23

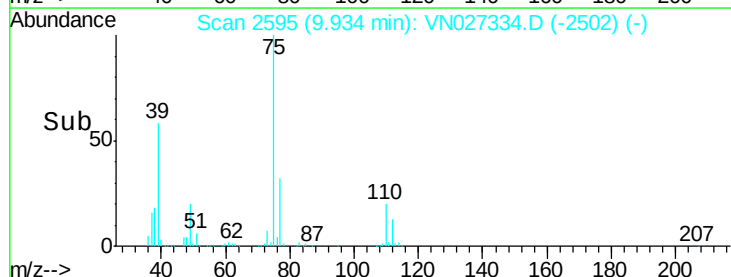
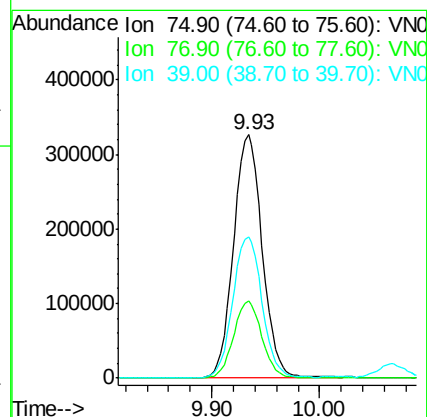
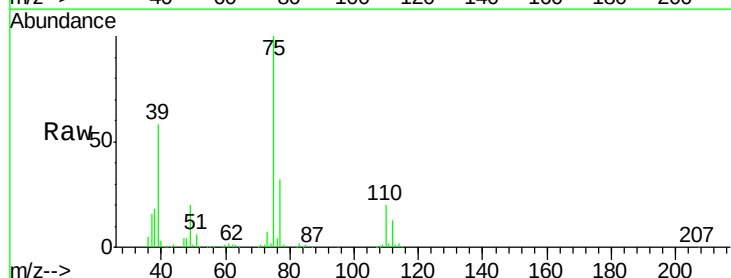
Tgt Ion: 75 Resp: 605701

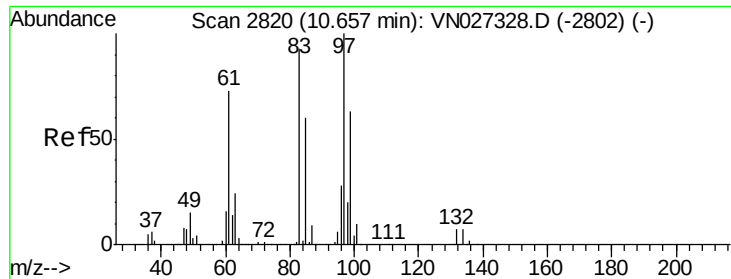
Ion Ratio Lower Upper

75 100

77 31.6 25.6 38.4

39 58.0 41.6 62.4

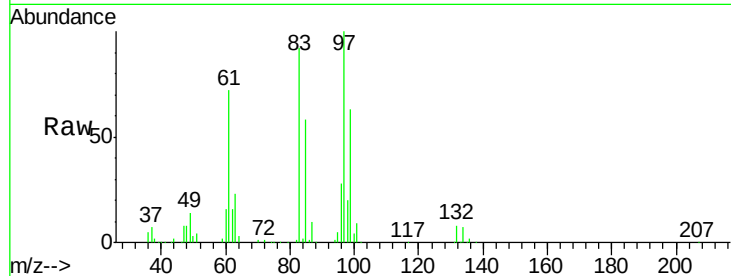




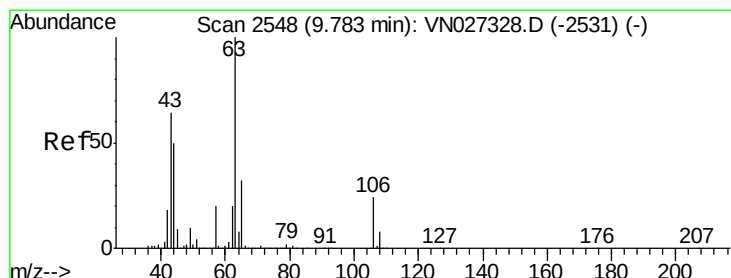
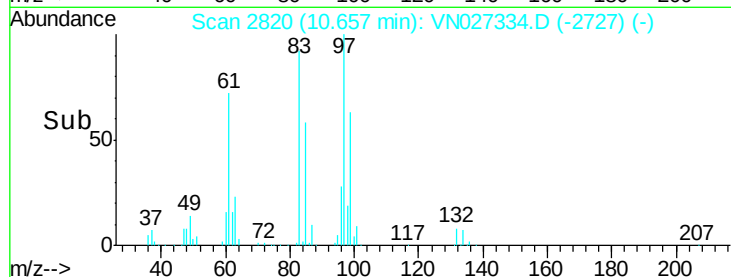
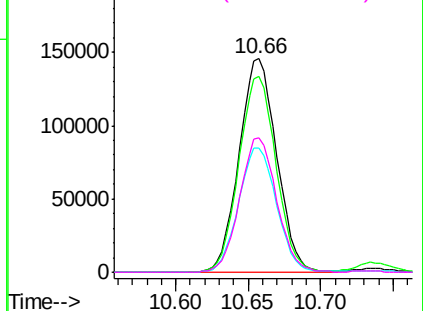
#56
 1,1,2-Trichloroethane
 Concen: 60.49 ug/l
 RT: 10.66 min Scan# 2820
 Delta R.T. 0.00 min
 Lab File: VN027334.D
 Acq: 21 Sep 2015 16:23

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIPBLANK

Tgt Ion: 97 Resp: 263069
 Ion Ratio Lower Upper
 97 100
 83 91.6 75.0 112.4
 85 58.0 48.0 72.0
 99 63.2 50.3 75.5

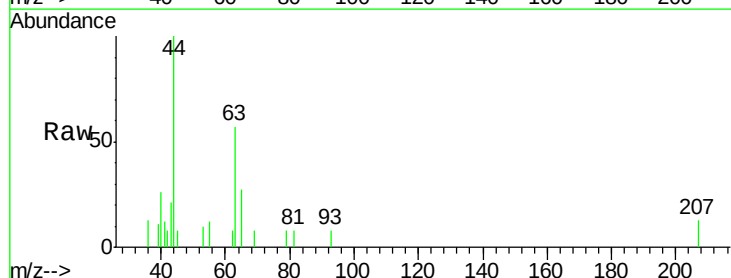


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

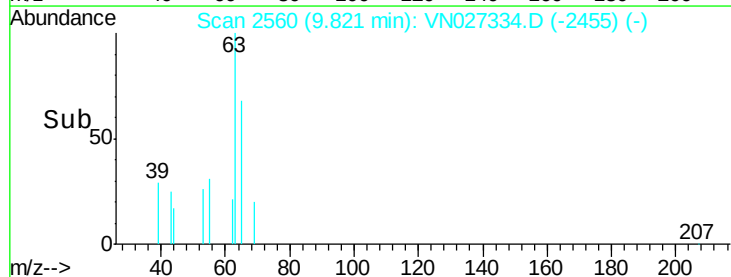
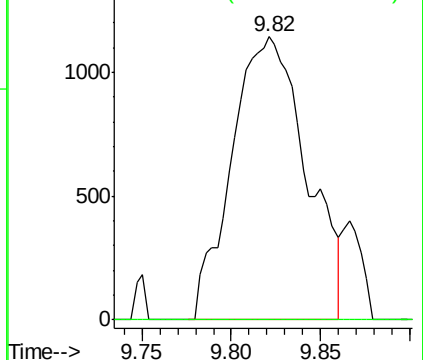


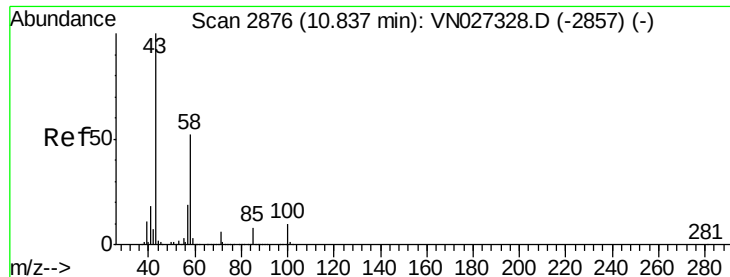
#59
 2-Chloroethyl Vinyl ether
 Concen: 1.09 ug/l
 RT: 9.82 min Scan# 2560
 Delta R.T. 0.04 min
 Lab File: VN027334.D
 Acq: 21 Sep 2015 16:23

Tgt Ion: 63 Resp: 3336
 Ion Ratio Lower Upper
 63 100
 106 0.0 17.7 26.5#



Abundance Ion 62.90 (62.60 to 63.60): VN0
 Ion 105.90 (105.60 to 106.60): V

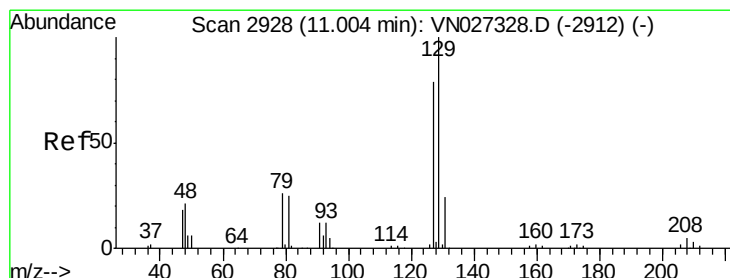
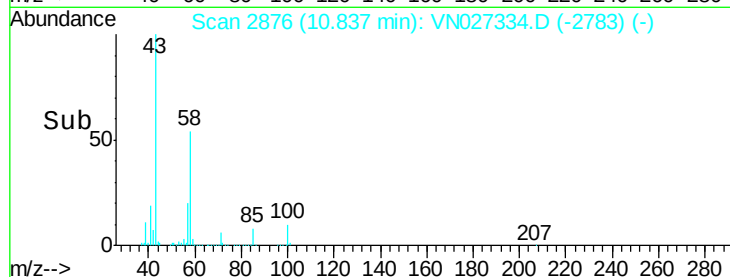
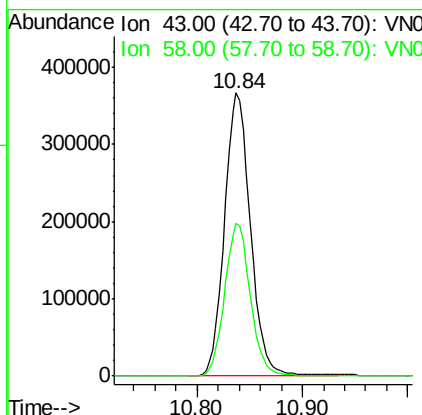
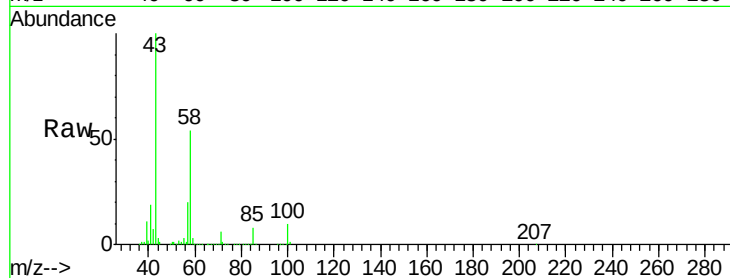




#60
2-Hexanone
Concen: 177.39 ug/l
RT: 10.84 min Scan# 2876
Delta R.T. 0.00 min
Lab File: VN027334.D
Acq: 21 Sep 2015 16:23

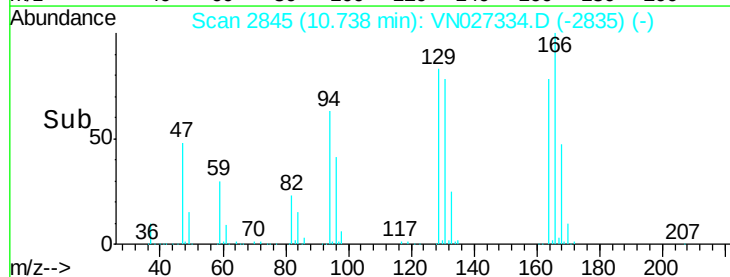
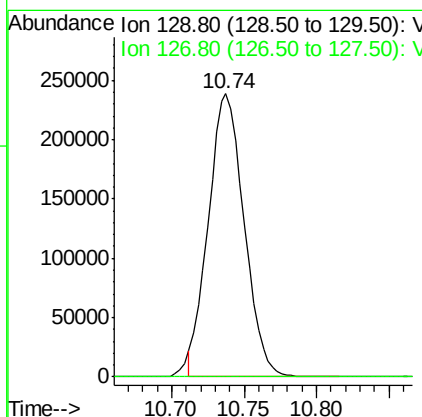
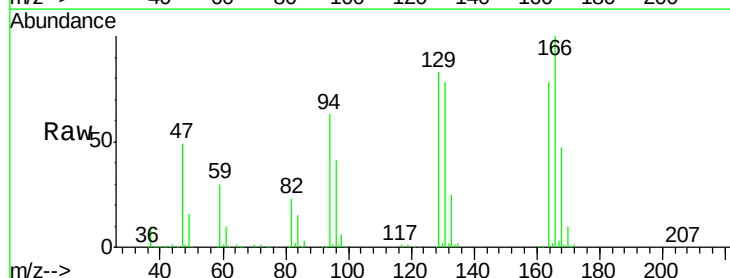
Instrument :
MSVOA_N
ClientSampleId :
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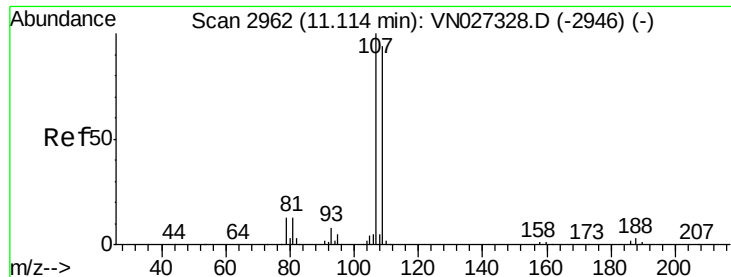
Tgt Ion: 43 Resp: 621657
Ion Ratio Lower Upper
43 100
58 53.7 26.2 78.5



#61
Dibromochloromethane
Concen: 96.18 ug/l
RT: 10.74 min Scan# 2845
Delta R.T. -0.27 min
Lab File: VN027334.D
Acq: 21 Sep 2015 16:23

Tgt Ion: 129 Resp: 409679
Ion Ratio Lower Upper
129 100
127 0.0 39.1 117.2#

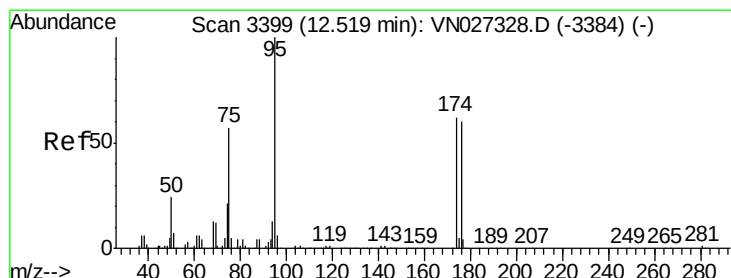
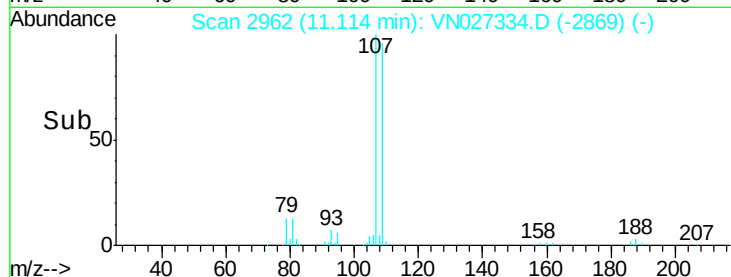
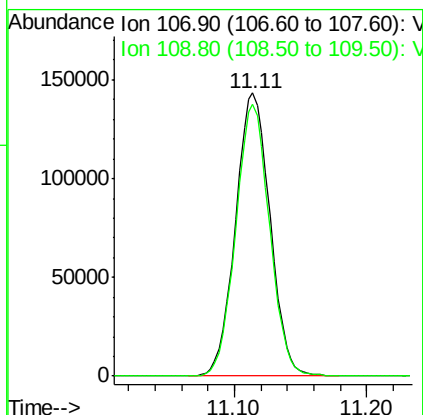
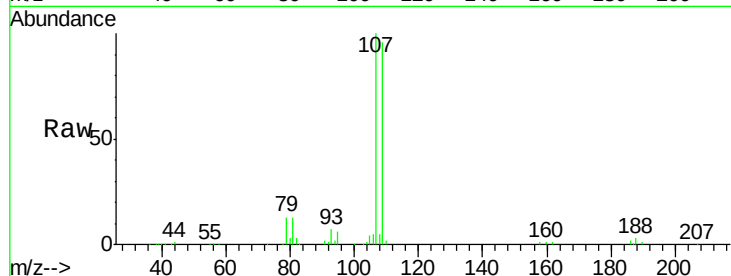




#62
 1,2-Dibromoethane
 Concen: 62.64 ug/l
 RT: 11.11 min Scan# 2962
 Delta R.T. 0.00 min
 Lab File: VN027334.D
 Acq: 21 Sep 2015 16:23

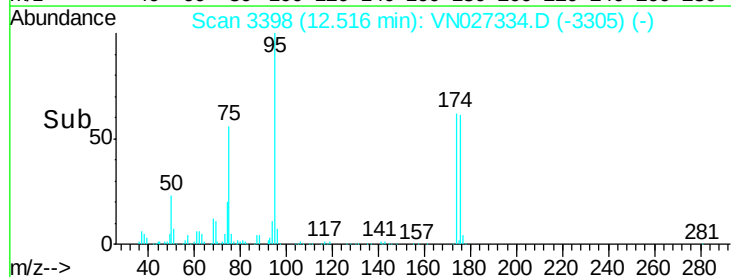
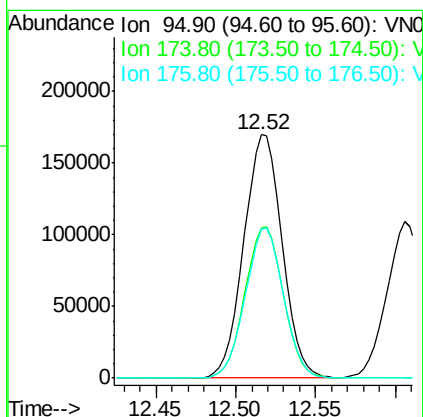
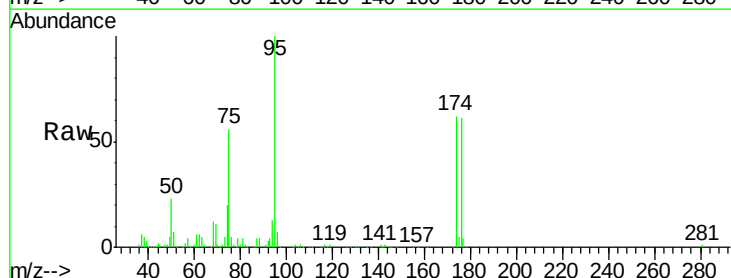
Instrument :
 MSVOA_N
 ClientSampleId :
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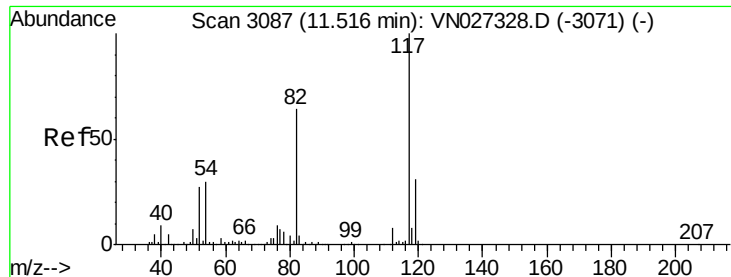
Tgt Ion: 107 Resp: 259081
 Ion Ratio Lower Upper
 107 100
 109 94.1 75.6 113.4



#63
 4-Bromofluorobenzene
 Concen: 48.31 ug/l
 RT: 12.52 min Scan# 3398
 Delta R.T. -0.00 min
 Lab File: VN027334.D
 Acq: 21 Sep 2015 16:23

Tgt Ion: 95 Resp: 279059
 Ion Ratio Lower Upper
 95 100
 174 62.3 0.0 137.0
 176 61.5 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: VN027334.D

Acq: 21 Sep 2015 16:23

Instrument :

MSVOA_N

ClientSampleId :

TRIPBLANK

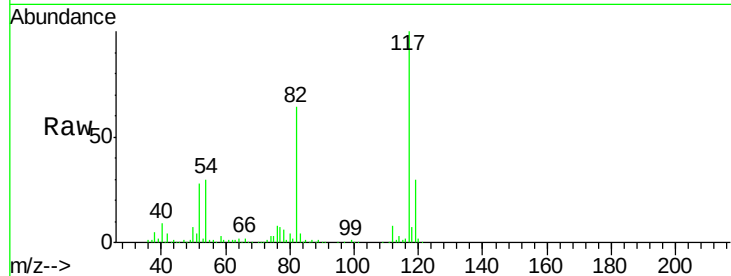
Tgt Ion:117 Resp: 547391

Ion Ratio Lower Upper

117 100

82 64.1 49.6 74.4

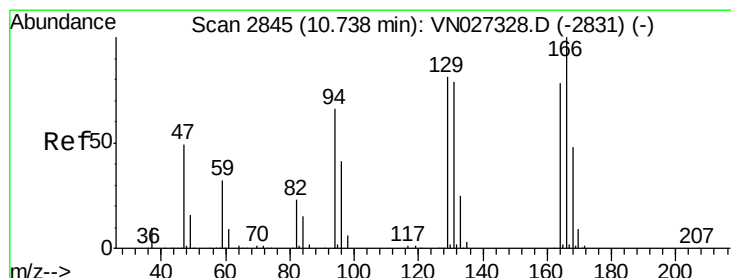
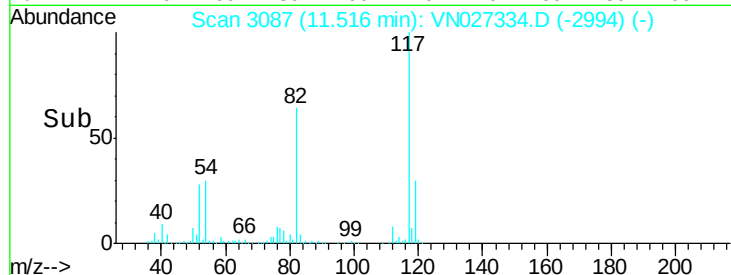
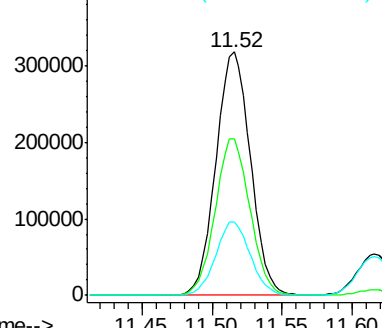
119 30.4 24.6 36.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#65

Tetrachloroethene

Concen: 121.68 ug/l

RT: 10.74 min Scan# 2845

Delta R.T. 0.00 min

Lab File: VN027334.D

Acq: 21 Sep 2015 16:23

Tgt Ion:164 Resp: 396443

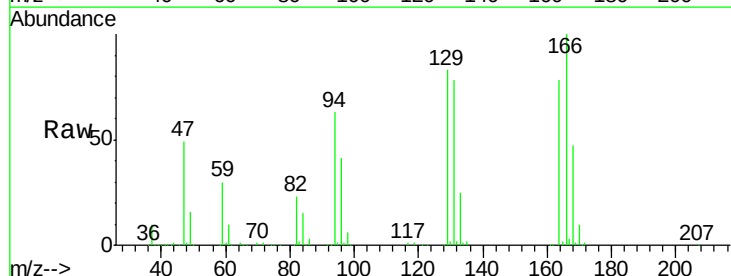
Ion Ratio Lower Upper

164 100

166 128.6 103.4 155.0

129 106.8 77.5 116.3

131 100.9 74.2 111.4

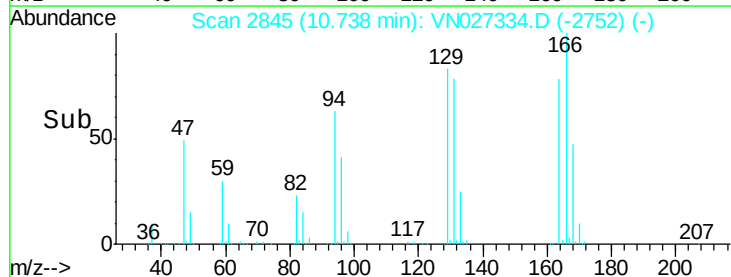
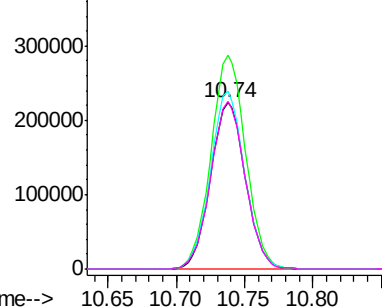


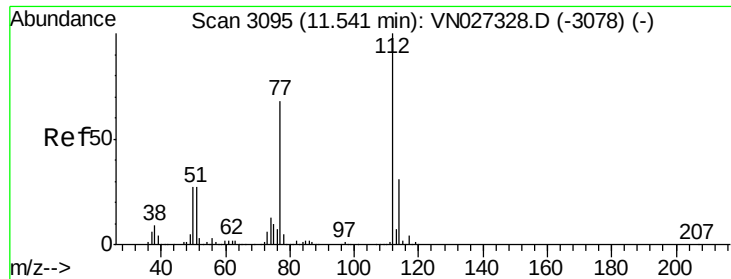
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

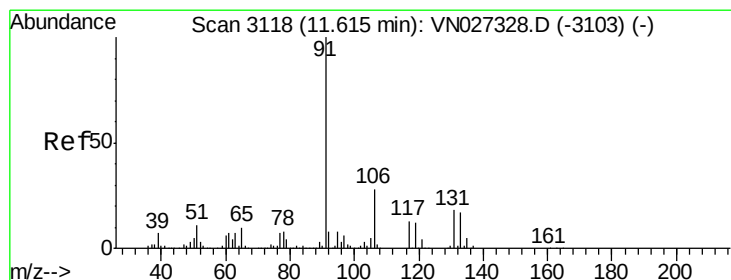
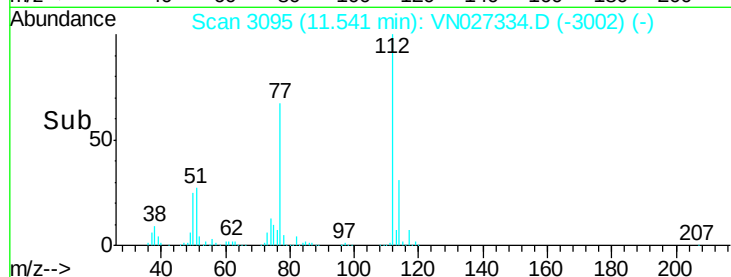
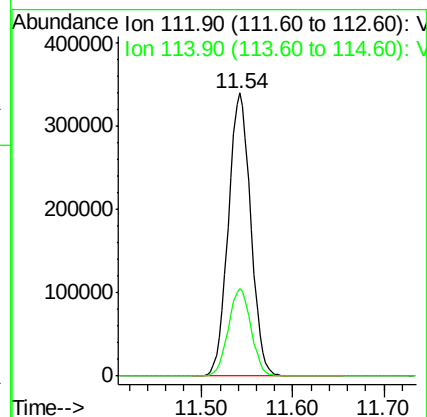
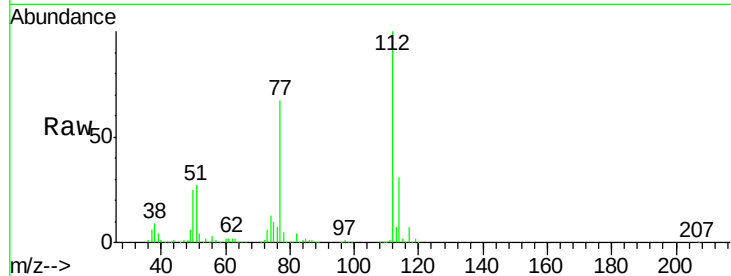




#66
Chlorobenzene
Concen: 49.52 ug/l
RT: 11.54 min Scan# 3095
Delta R.T. 0.00 min
Lab File: VN027334.D
Acq: 21 Sep 2015 16:23

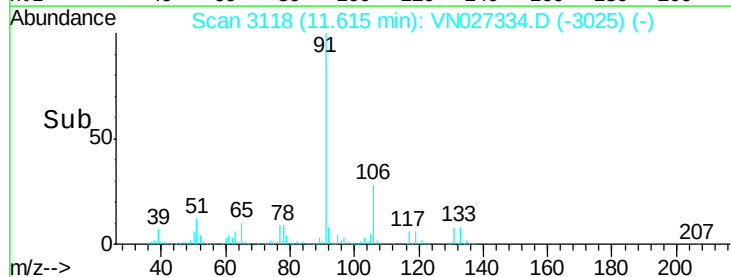
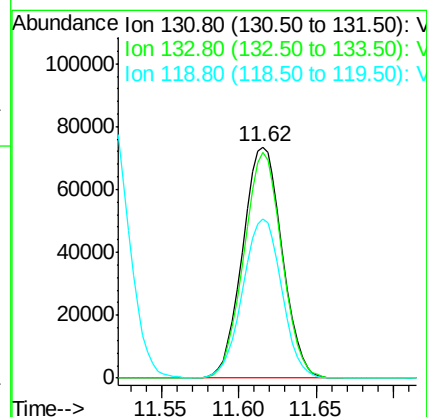
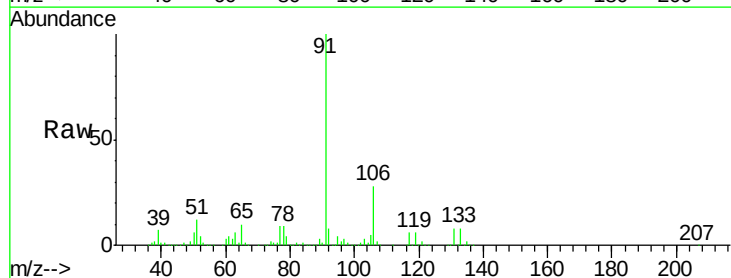
Instrument :
MSVOA_N
ClientSampleId :
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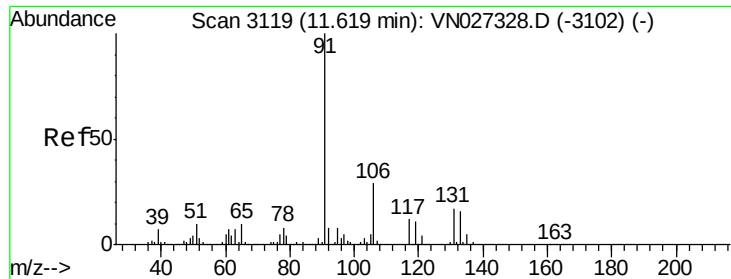
Tgt Ion:112 Resp: 581158
Ion Ratio Lower Upper
112 100
114 31.1 24.9 37.3



#67
1,1,1,2-Tetrachloroethane
Concen: 33.19 ug/l
RT: 11.62 min Scan# 3118
Delta R.T. 0.00 min
Lab File: VN027334.D
Acq: 21 Sep 2015 16:23

Tgt Ion:131 Resp: 130721
Ion Ratio Lower Upper
131 100
133 94.2 47.0 141.2
119 67.9 35.1 105.5





#68

Ethyl Benzene

Concen: 69.40 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. 0.00 min

Lab File: VN027334.D

Acq: 21 Sep 2015 16:23

Instrument :

MSVOA_N

ClientSampleId :

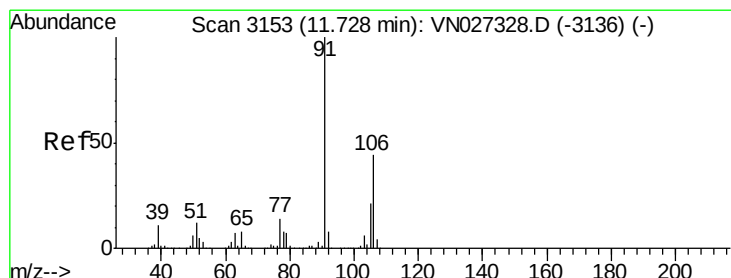
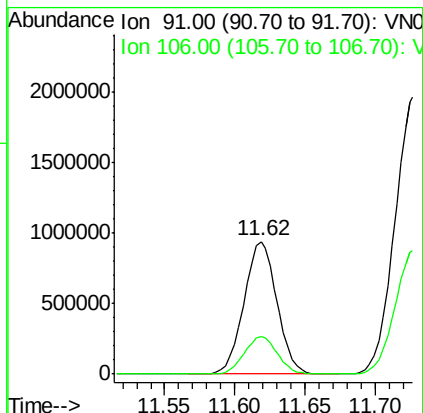
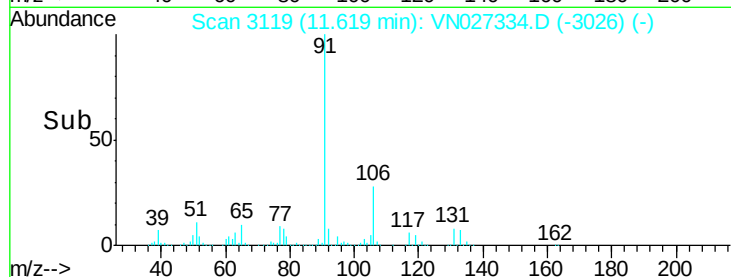
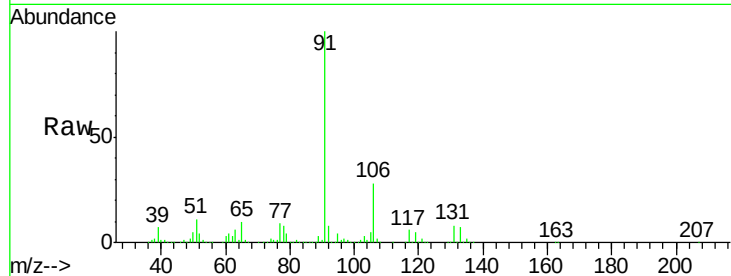
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Tgt Ion: 91 Resp: 1536309

Ion Ratio Lower Upper

91 100

106 28.3 23.1 34.7



#69

m/p-Xylenes

Concen: 230.68 ug/l

RT: 11.73 min Scan# 3153

Delta R.T. 0.00 min

Lab File: VN027334.D

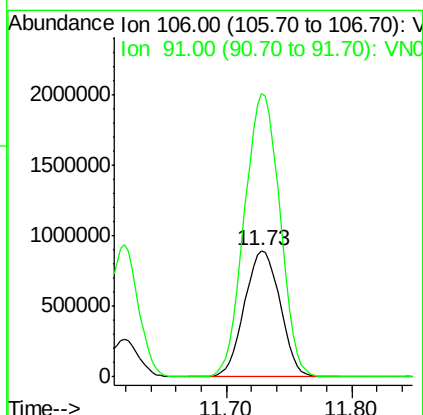
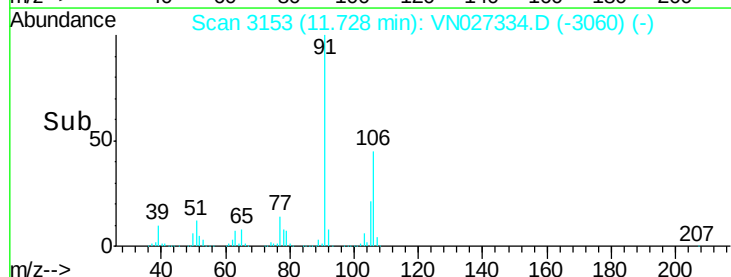
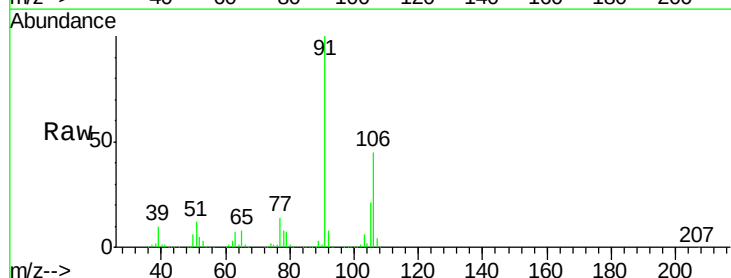
Acq: 21 Sep 2015 16:23

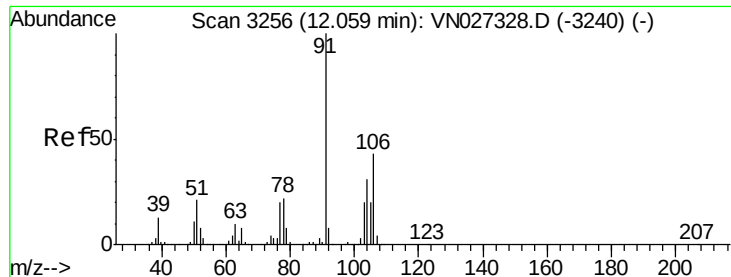
Tgt Ion:106 Resp: 1770454

Ion Ratio Lower Upper

106 100

91 223.8 167.1 250.7

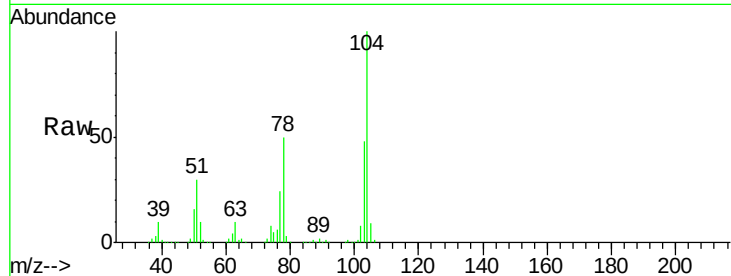




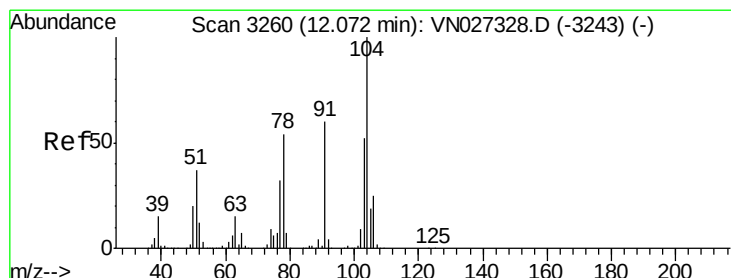
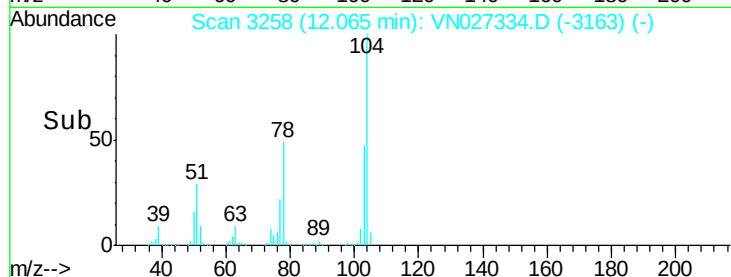
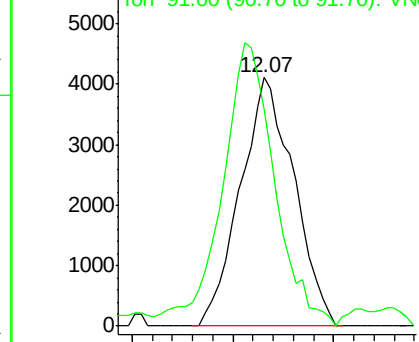
#70
o-Xylene
Concen: 0.98 ug/l
RT: 12.07 min Scan# 3258
Delta R.T. 0.01 min
Lab File: VN027334.D
Acq: 21 Sep 2015 16:23

Instrument :
MSVOA_N
ClientSampled :
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Tgt Ion:106 Resp: 7608
Ion Ratio Lower Upper
106 100
91 111.0 110.7 331.9

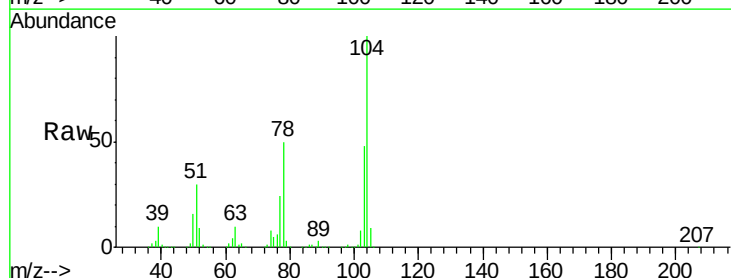


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

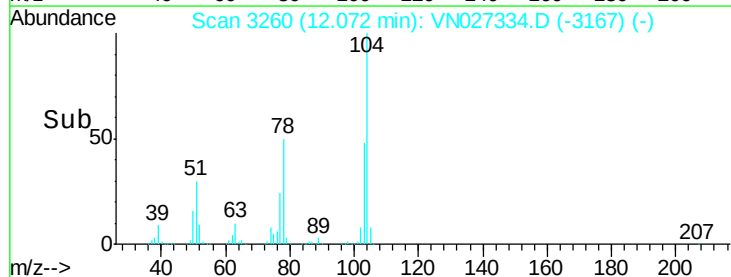
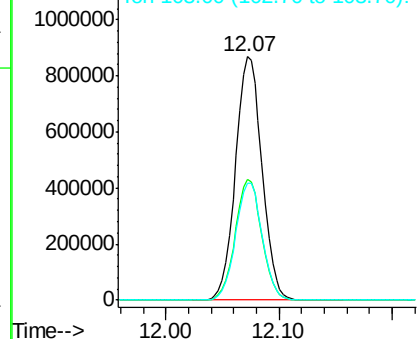


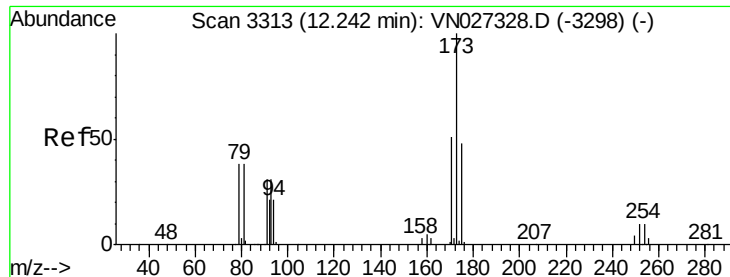
#71
Styrene
Concen: 114.49 ug/l
RT: 12.07 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN027334.D
Acq: 21 Sep 2015 16:23

Tgt Ion:104 Resp: 1413479
Ion Ratio Lower Upper
104 100
78 49.6 41.6 62.4
103 48.3 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#72

Bromoform

Concen: 52.88 ug/l

RT: 12.24 min Scan# 3312

Delta R.T. -0.00 min

Lab File: VN027334.D

Acq: 21 Sep 2015 16:23

Instrument :

MSVOA_N

ClientSampled :

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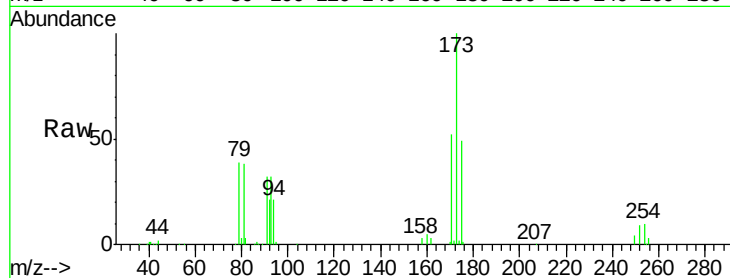
Tgt Ion:173 Resp: 139724

Ion Ratio Lower Upper

173 100

175 49.7 24.4 73.4

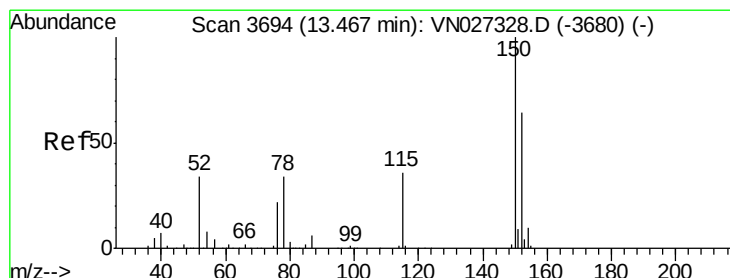
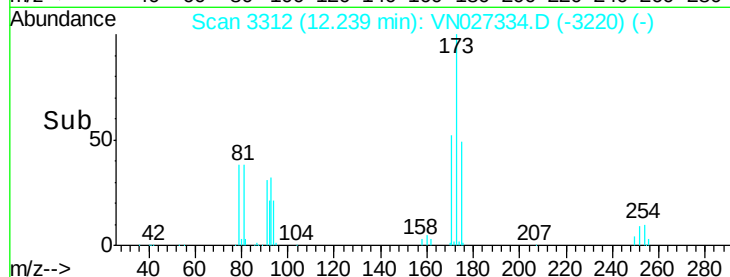
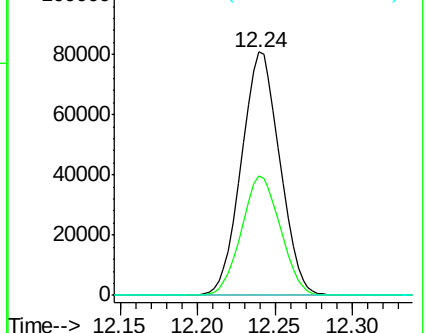
254 0.1 0.1 0.1



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: VN027334.D

Acq: 21 Sep 2015 16:23

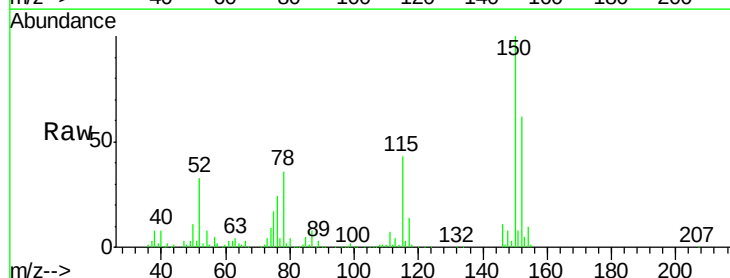
Tgt Ion:152 Resp: 212129

Ion Ratio Lower Upper

152 100

115 69.7 30.8 92.3

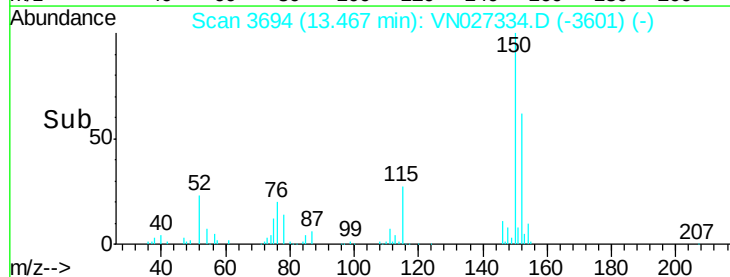
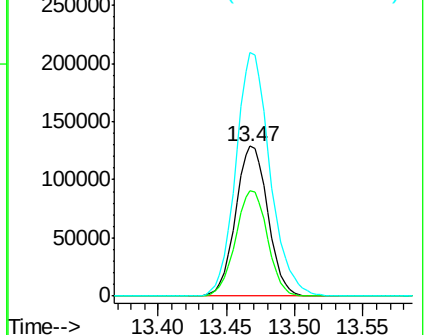
150 172.0 0.0 345.0

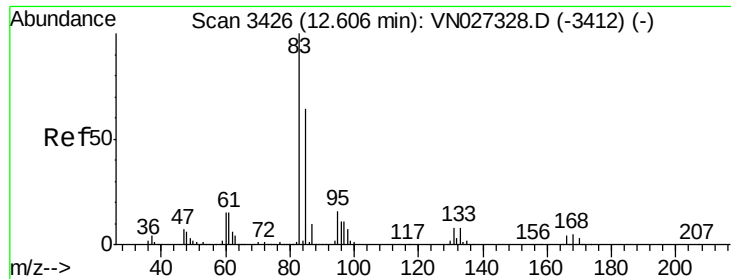


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,1,2,2-Tetrachloroethane

Concen: 184.40 ug/l

RT: 12.61 min Scan# 3426

Delta R.T. 0.00 min

Lab File: VN027334.D

Acq: 21 Sep 2015 16:23

Instrument :

MSVOA_N

ClientSampled :

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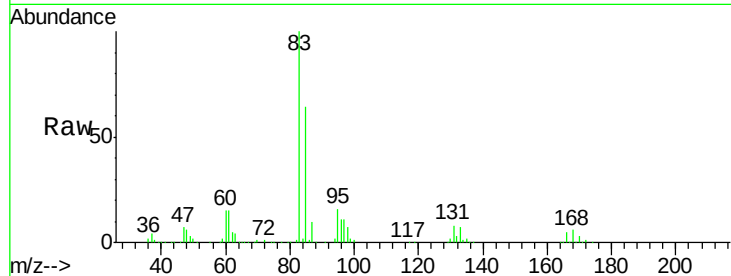
Tgt Ion: 83 Resp: 1103077

Ion Ratio Lower Upper

83 100

131 8.0 4.1 12.3

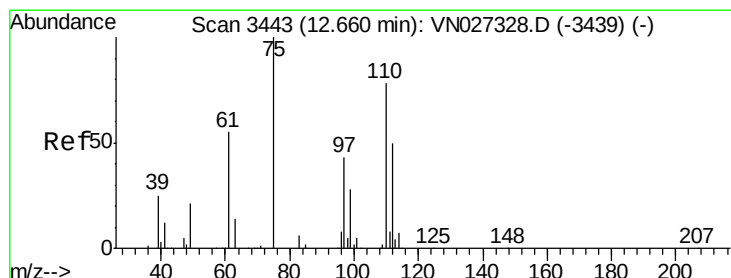
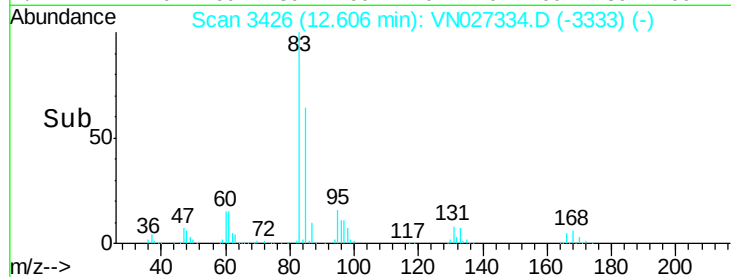
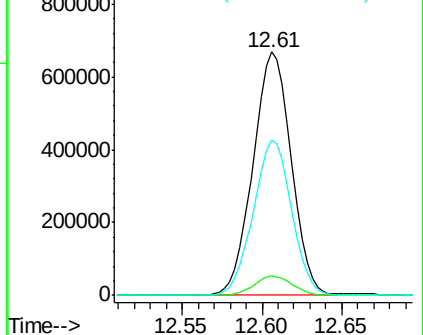
85 63.7 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#77

1,2,3-Trichloropropane

Concen: 37.88 ug/l

RT: 12.66 min Scan# 3444

Delta R.T. 0.00 min

Lab File: VN027334.D

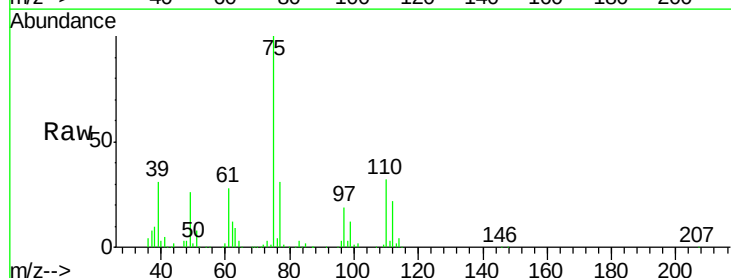
Acq: 21 Sep 2015 16:23

Tgt Ion: 75 Resp: 201737

Ion Ratio Lower Upper

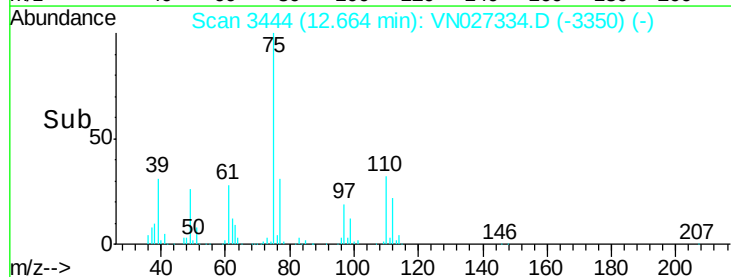
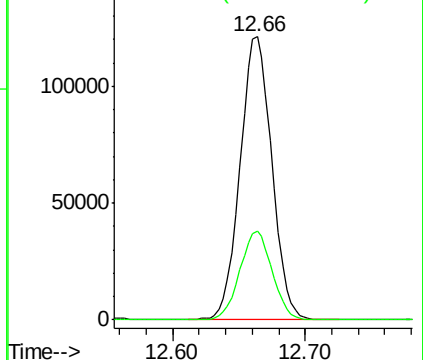
75 100

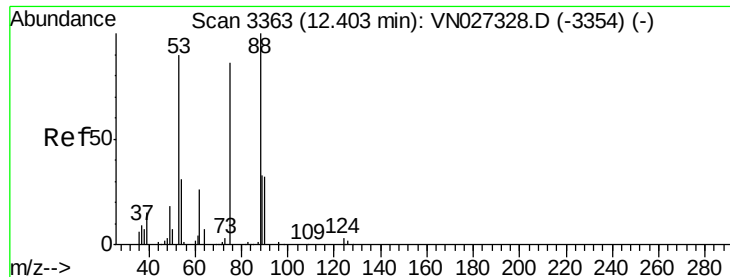
77 31.6 103.1 309.3#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#82

trans-1,4-Dichloro-2-butene

Concen: 77.52 ug/l

RT: 12.52 min Scan# 3398

Delta R.T. 0.11 min

Lab File: VN027334.D

Acq: 21 Sep 2015 16:23

Instrument :

MSVOA_N

ClientSampleId :

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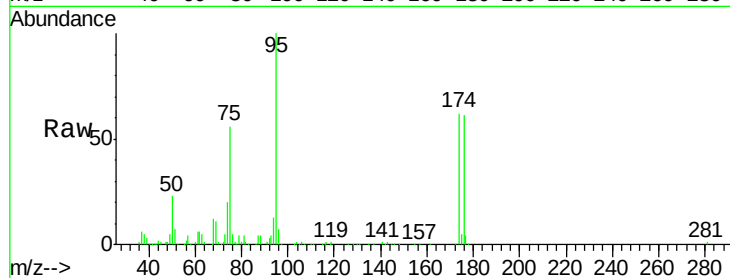
Tgt Ion: 75 Resp: 160997

Ion Ratio Lower Upper

75 100

53 0.0 92.9 139.3#

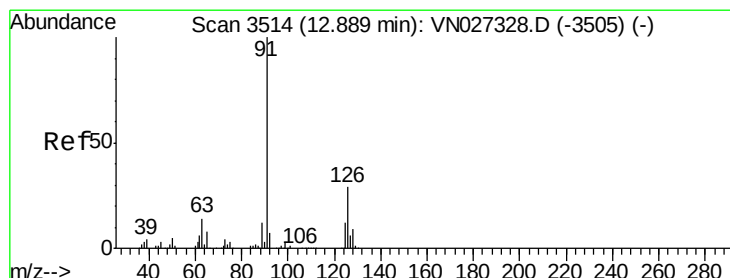
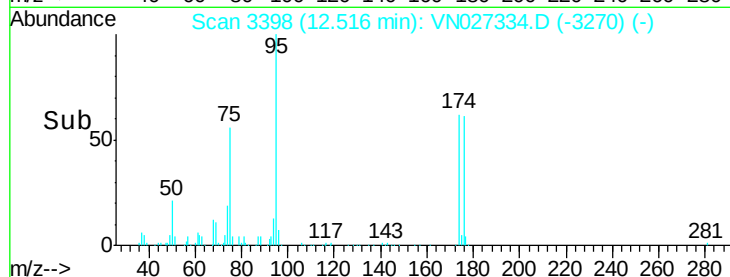
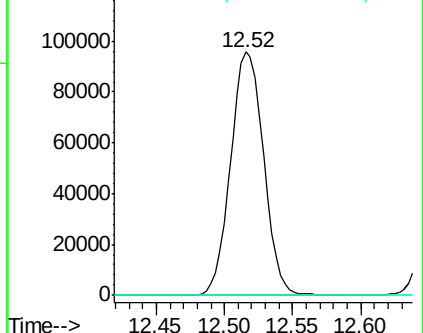
89 0.0 34.2 51.4#



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



#83

4-Chlorotoluene

Concen: 16.59 ug/l

RT: 13.16 min Scan# 3598

Delta R.T. 0.27 min

Lab File: VN027334.D

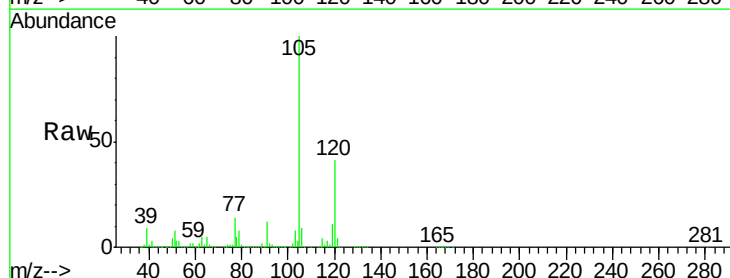
Acq: 21 Sep 2015 16:23

Tgt Ion: 91 Resp: 250900

Ion Ratio Lower Upper

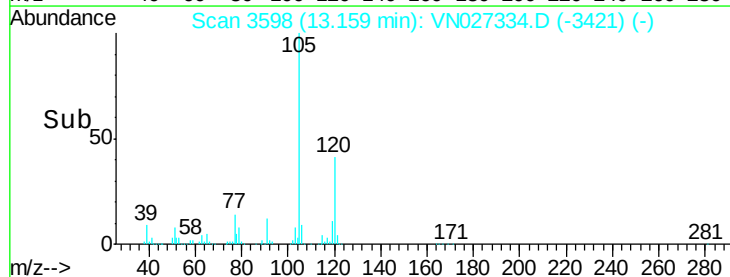
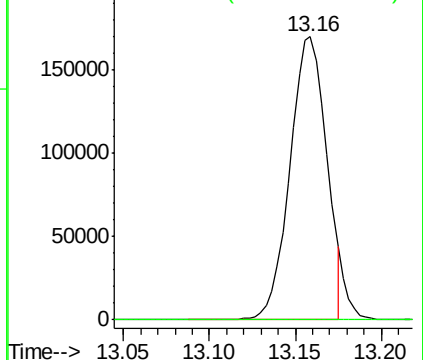
91 100

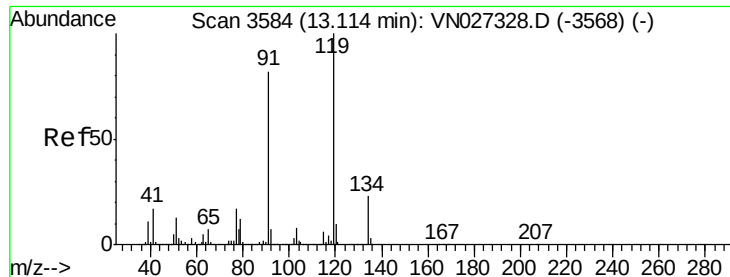
126 0.0 14.9 44.5#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#84

tert-Butylbenzene

Concen: 18.01 ug/l

RT: 13.16 min Scan# 3598

Delta R.T. 0.05 min

Lab File: VN027334.D

Acq: 21 Sep 2015 16:23

Instrument :

MSVOA_N

ClientSampled :

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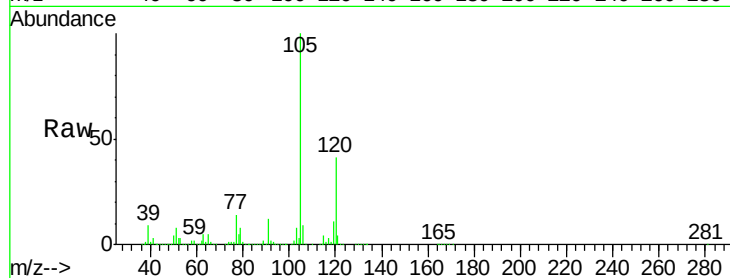
Tgt Ion:119 Resp: 249500

Ion Ratio Lower Upper

119 100

91 104.6 34.6 103.8#

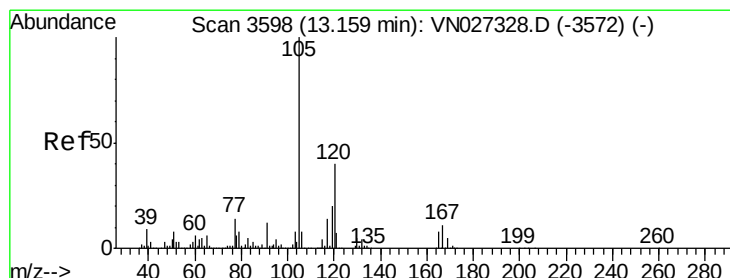
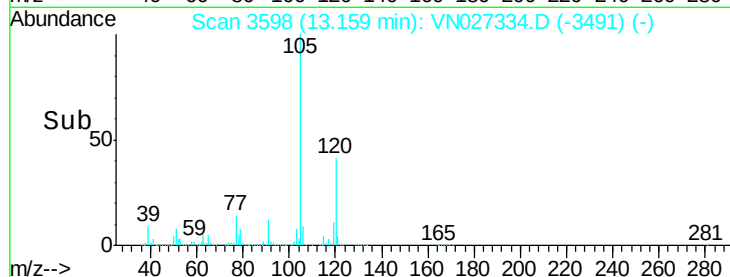
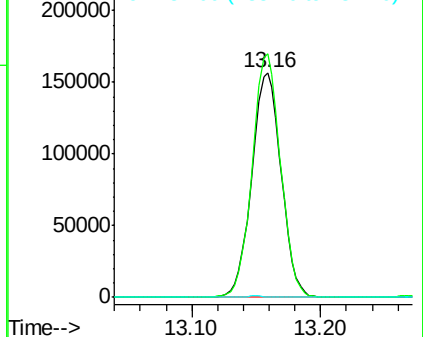
134 0.6 11.4 34.2#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): V



#85

1,2,4-Trimethylbenzene

Concen: 129.70 ug/l

RT: 13.16 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN027334.D

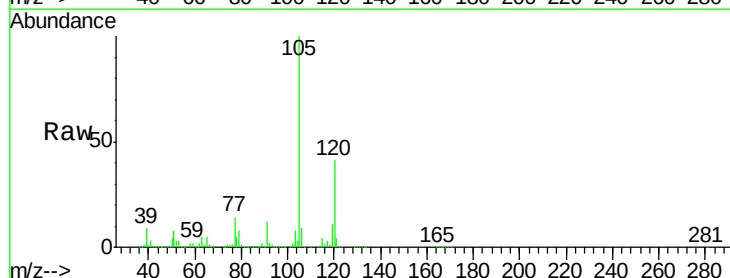
Acq: 21 Sep 2015 16:23

Tgt Ion:105 Resp: 2215779

Ion Ratio Lower Upper

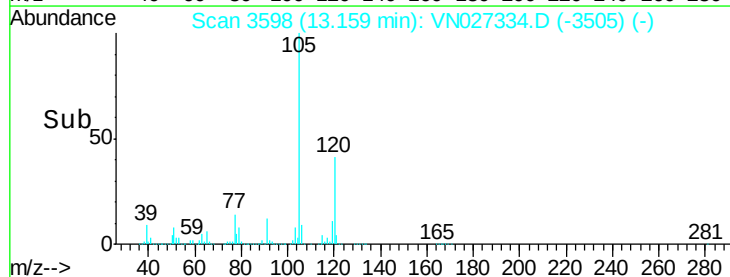
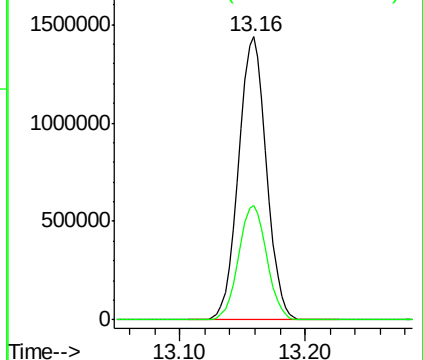
105 100

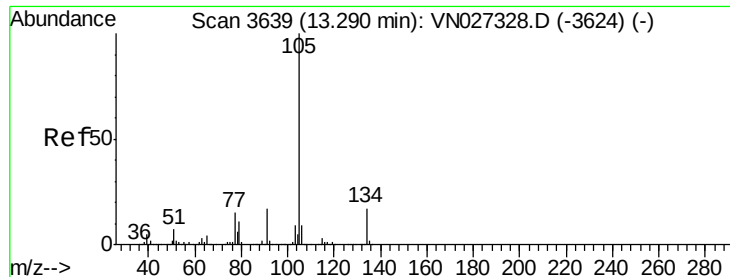
120 41.0 21.9 65.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

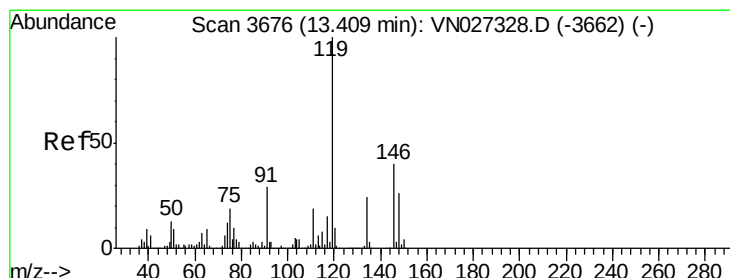
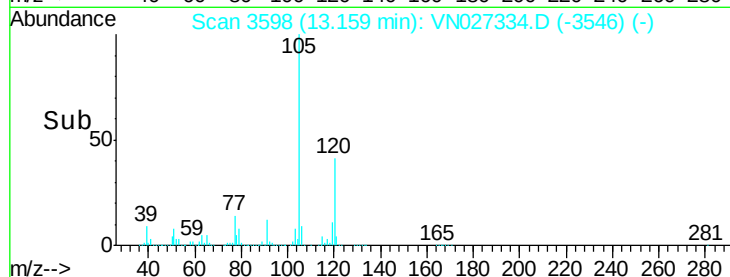
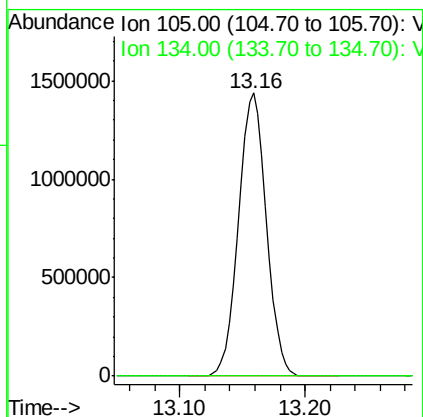
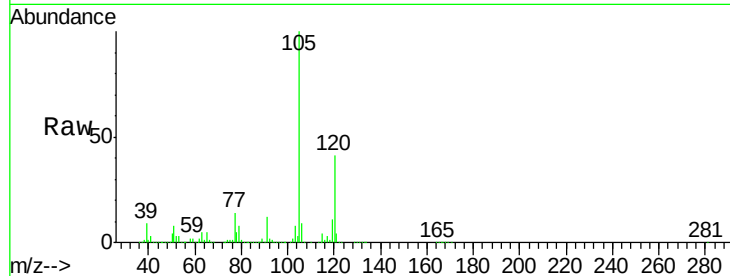




#86
 sec-Butylbenzene
 Concen: 107.40 ug/l
 RT: 13.16 min Scan# 3598
 Delta R.T. -0.13 min
 Lab File: VN027334.D
 Acq: 21 Sep 2015 16:23

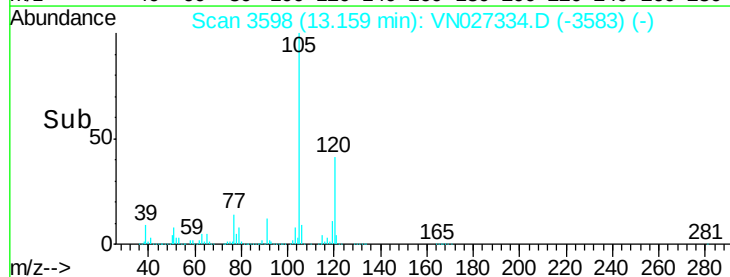
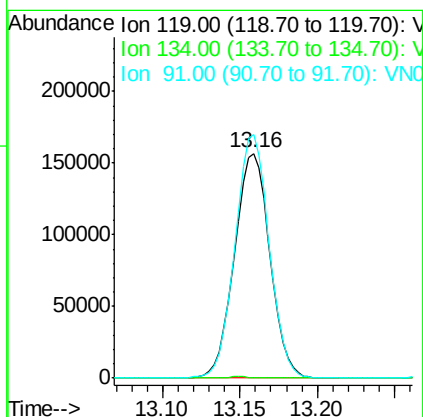
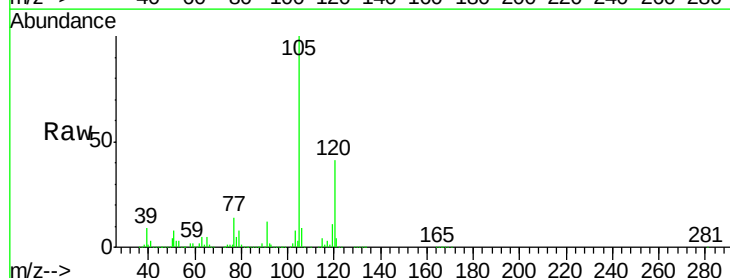
Instrument :
 MSVOA_N
 ClientSampleId :
 TRIPBLANK

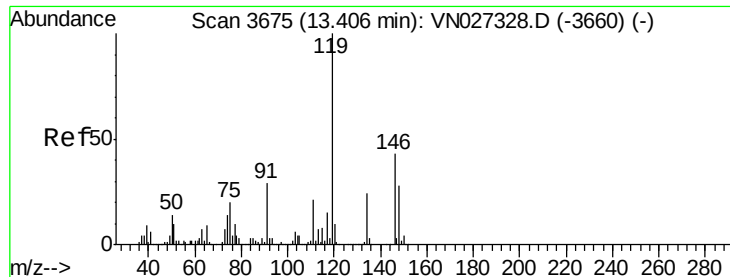
Tgt Ion:105 Resp: 2215779
 Ion Ratio Lower Upper
 105 100
 134 0.1 8.8 26.4#



#87
 p-Isopropyltoluene
 Concen: 16.11 ug/l
 RT: 13.16 min Scan# 3598
 Delta R.T. -0.25 min
 Lab File: VN027334.D
 Acq: 21 Sep 2015 16:23

Tgt Ion:119 Resp: 249197
 Ion Ratio Lower Upper
 119 100
 134 0.6 12.4 37.0#
 91 103.5 12.0 36.1#

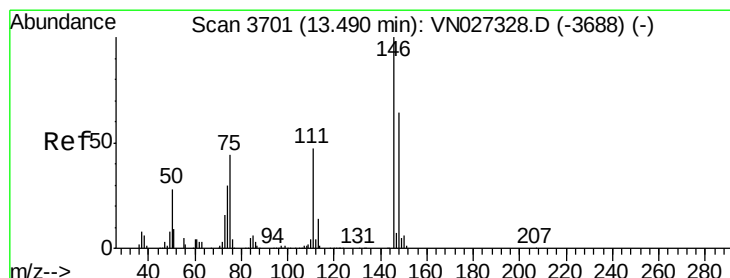
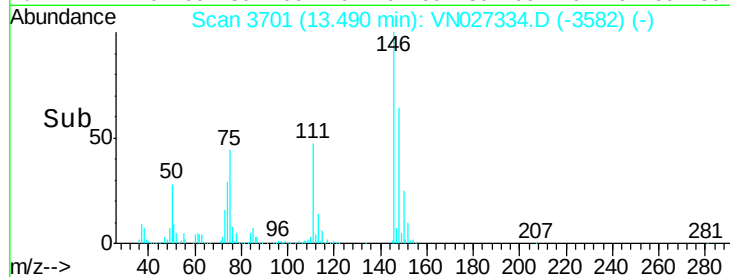
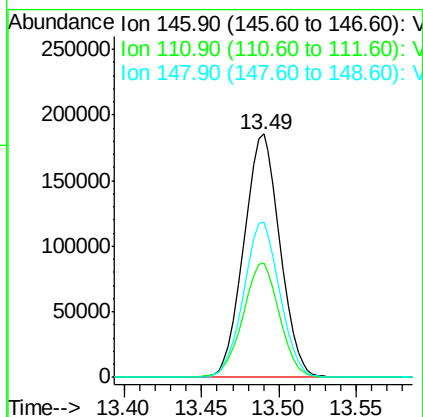
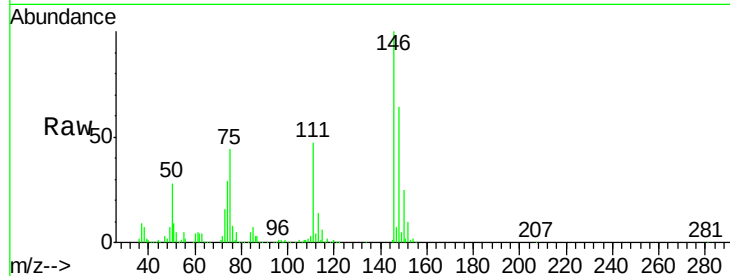




#88
 1,3-Dichlorobenzene
 Concen: 42.08 ug/l
 RT: 13.49 min Scan# 3701
 Delta R.T. 0.08 min
 Lab File: VN027334.D
 Acq: 21 Sep 2015 16:23

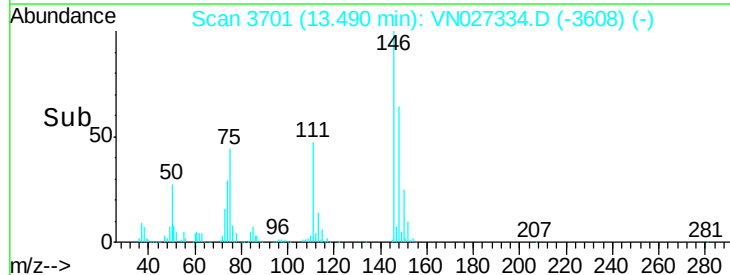
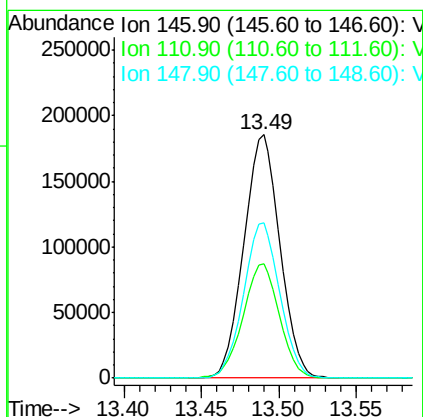
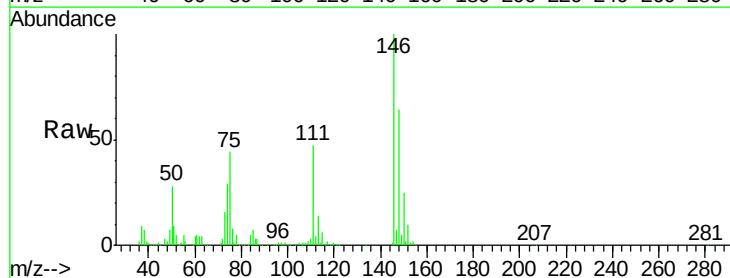
Instrument :
 MSVOA_N
 ClientSampleId :
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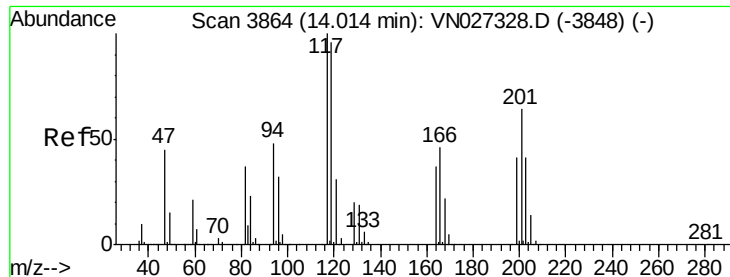
Tgt Ion:146 Resp: 301937
 Ion Ratio Lower Upper
 146 100
 111 47.5 21.0 63.0
 148 64.0 31.9 95.9



#89
 1,4-Dichlorobenzene
 Concen: 41.58 ug/l
 RT: 13.49 min Scan# 3701
 Delta R.T. 0.00 min
 Lab File: VN027334.D
 Acq: 21 Sep 2015 16:23

Tgt Ion:146 Resp: 301937
 Ion Ratio Lower Upper
 146 100
 111 47.5 19.9 59.6
 148 64.0 31.7 95.1





#91

Hexachloroethane

Concen: 2.30 ug/l

RT: 14.01 min Scan# 3864

Delta R.T. 0.00 min

Lab File: VN027334.D

Acq: 21 Sep 2015 16:23

Instrument :

MSVOA_N

ClientSampleId :

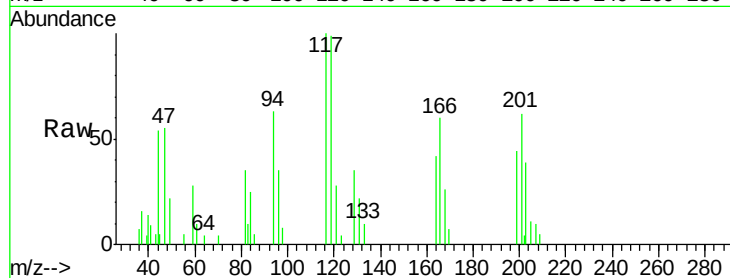
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Tgt Ion:117 Resp: 7607

Ion Ratio Lower Upper

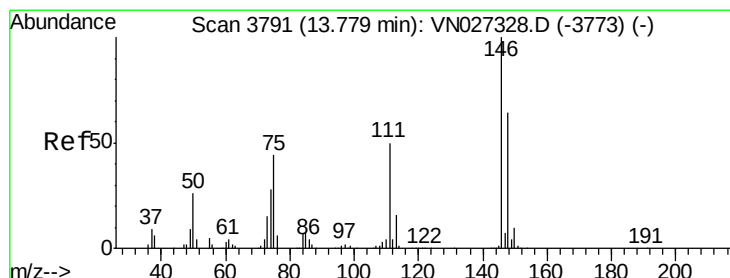
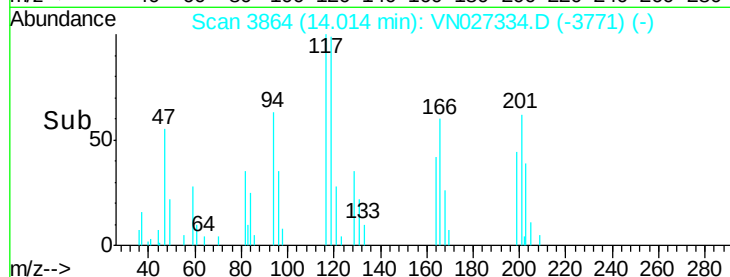
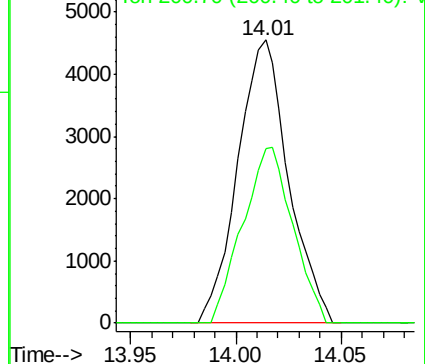
117 100

201 61.2 34.9 104.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dichlorobenzene

Concen: 51.31 ug/l

RT: 13.78 min Scan# 3791

Delta R.T. 0.00 min

Lab File: VN027334.D

Acq: 21 Sep 2015 16:23

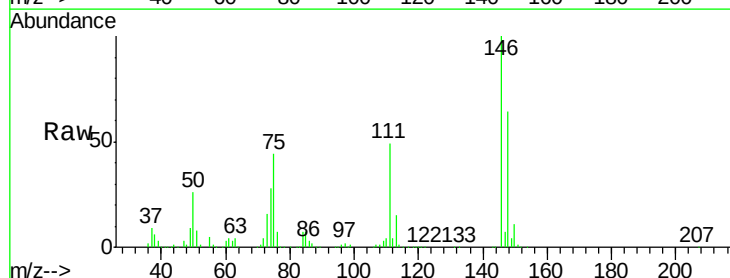
Tgt Ion:146 Resp: 367842

Ion Ratio Lower Upper

146 100

111 48.9 22.1 66.3

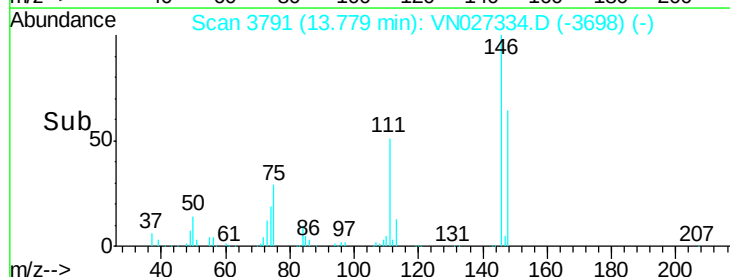
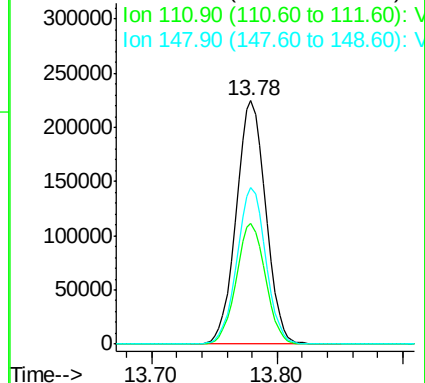
148 62.8 32.0 96.0

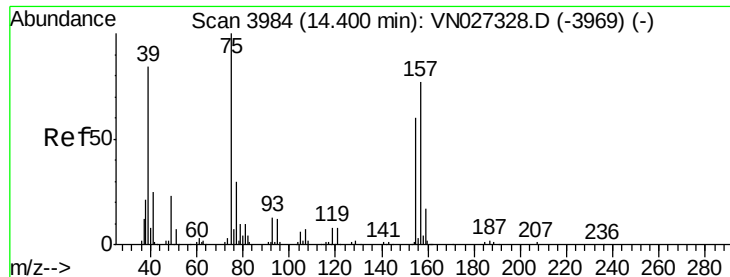


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#93

1,2-Dibromo-3-Chloropropane

Concen: 136.28 ug/l

RT: 14.40 min Scan# 3984

Delta R.T. 0.00 min

Lab File: VN027334.D

Acq: 21 Sep 2015 16:23

Instrument :

MSVOA_N

ClientSampleId :

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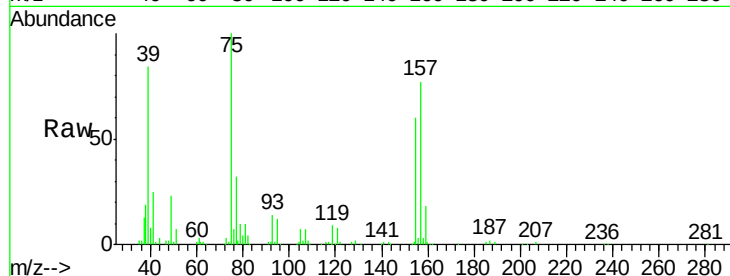
Tgt Ion: 75 Resp: 159768

Ion Ratio Lower Upper

75 100

155 59.1 35.6 106.9

157 76.8 44.6 133.8



Abundance Ion 74.90 (74.60 to 75.60): VN027328.D (-3969) (-)

Ion 154.80 (154.50 to 155.50): VN027328.D (-3969) (-)

Ion 156.80 (156.50 to 157.50): VN027328.D (-3969) (-)

120000

100000

80000

60000

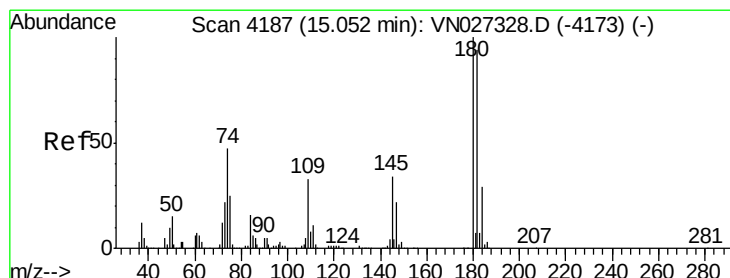
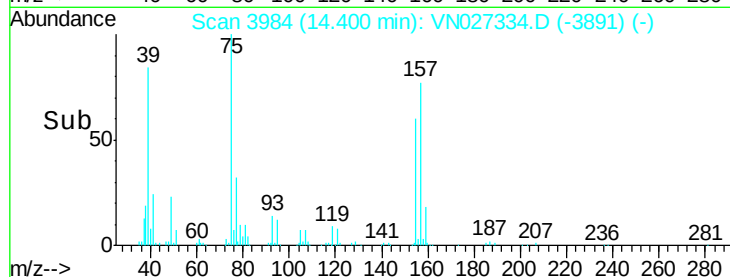
40000

20000

0

14.35 14.40 14.45

Time-->



#94

1,2,4-Trichlorobenzene

Concen: 192.09 ug/l

RT: 15.06 min Scan# 4188

Delta R.T. 0.00 min

Lab File: VN027334.D

Acq: 21 Sep 2015 16:23

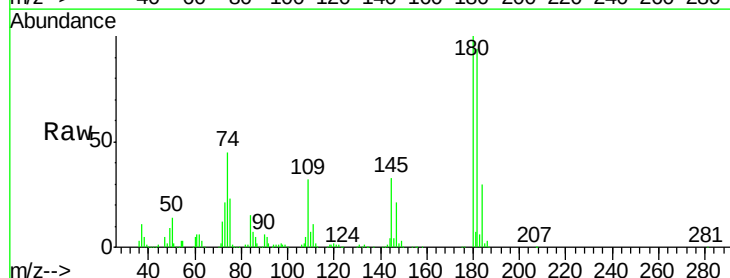
Tgt Ion: 180 Resp: 711606

Ion Ratio Lower Upper

180 100

182 94.8 47.5 142.5

145 33.2 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): VN027328.D (-4173) (-)

Ion 181.80 (181.50 to 182.50): VN027328.D (-4173) (-)

Ion 144.80 (144.50 to 145.50): VN027328.D (-4173) (-)

500000

400000

300000

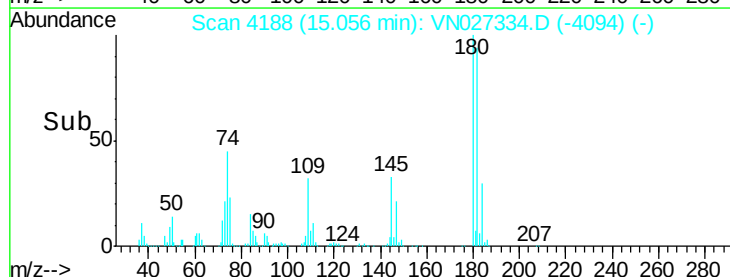
200000

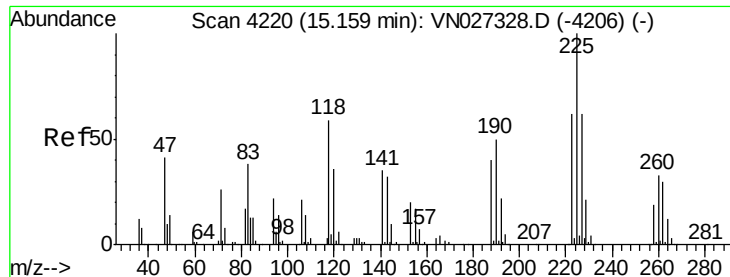
100000

0

15.00 15.05 15.10

Time-->





#95

Hexachlorobutadiene

Concen: 262.64 ug/l

RT: 15.16 min Scan# 4220

Delta R.T. 0.00 min

Lab File: VN027334.D

Acq: 21 Sep 2015 16:23

Instrument :

MSVOA_N

ClientSampleId :

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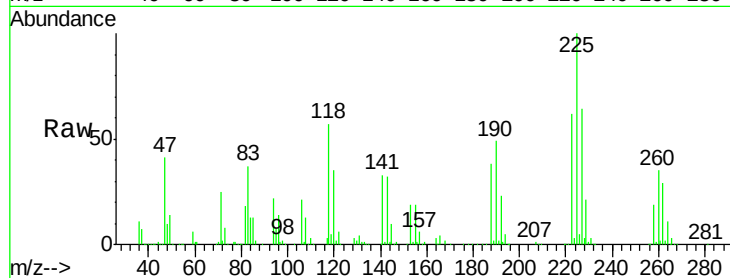
Tgt Ion:225 Resp: 533099

Ion Ratio Lower Upper

225 100

223 62.8 30.8 92.3

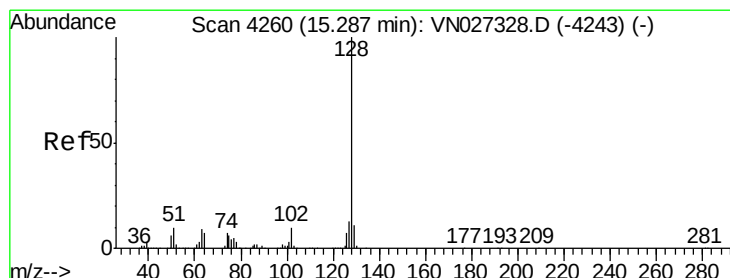
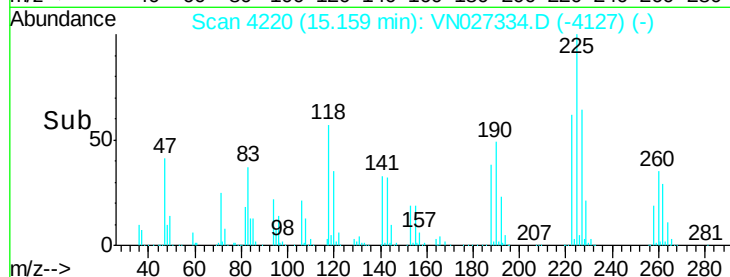
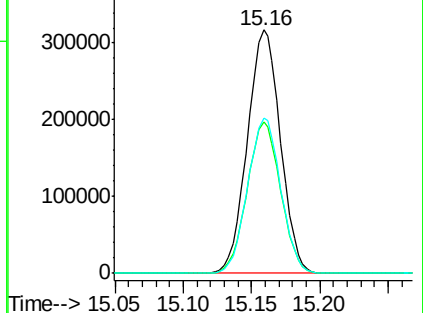
227 63.7 31.7 95.1



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#96

Naphthalene

Concen: 110.06 ug/l

RT: 15.29 min Scan# 4260

Delta R.T. 0.00 min

Lab File: VN027334.D

Acq: 21 Sep 2015 16:23

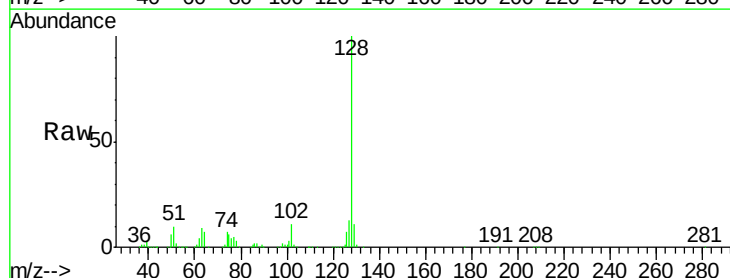
Tgt Ion:128 Resp: 1305377

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

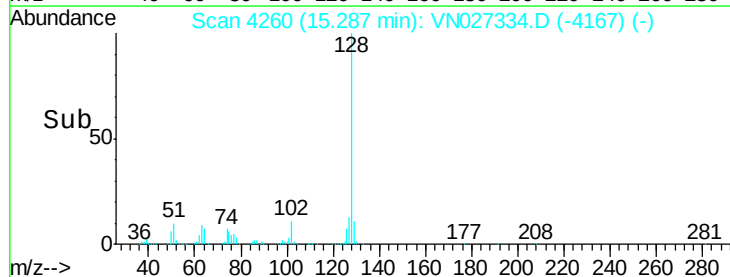
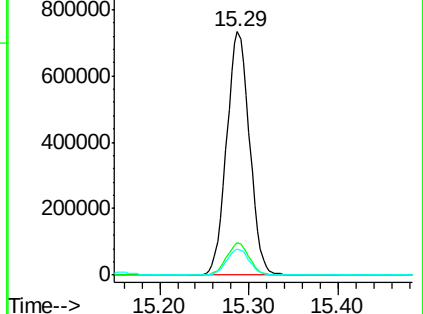
129 10.6 8.6 12.8

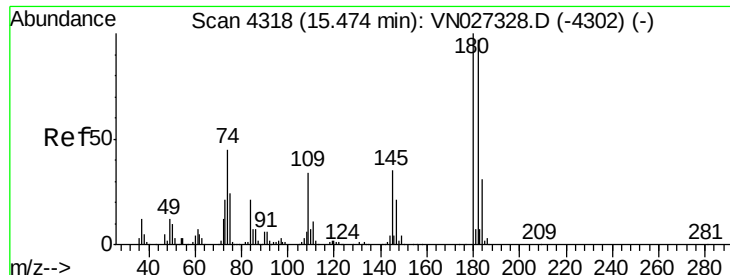


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#97
 1,2,3-Trichlorobenzene
 Concen: 0.76 ug/l
 RT: 15.48 min Scan# 4320
 Delta R.T. 0.01 min
 Lab File: VN027334.D
 Acq: 21 Sep 2015 16:23

Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	48.8	146.4
145	26.6	16.6	49.8

