

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091515\
 Data File : VN027185.D
 Acq On : 16 Sep 2015 2:06
 Operator : MD\FY
 Sample : G3629-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S39-0102

Manual Integrations
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 9/16/2015 11:47:51 AM

Quant Time: Sep 16 04:29:39 2015
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 21:12:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.75	168	824552	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1462705	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1232015	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	428977	50.00	ug/l	0.00
System Monitoring Compounds						
34) 1,2-Dichloroethane-d4	8.12	65	799213	47.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.62%	
36) Dibromofluoromethane	7.68	113	524574	51.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.48%	
51) Toluene-d8	10.19	98	2125416	53.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.08%	
63) 4-Bromofluorobenzene	12.52	95	710751	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
Target Compounds						
5) Vinyl Chloride	2.14	62	10238	0.88	ug/l	98
13) 1,1-Dichloroethene	3.77	96	5178m	0.49	ug/l	
22) trans-1,2-Dichloroethene	5.12	96	7160m	0.63	ug/l	
25) 1,1-Dichloroethane	5.93	63	55991	2.15	ug/l	97
28) cis-1,2-Dichloroethene	6.92	96	345812	26.33	ug/l	90
45) Trichloroethene	8.93	130	4327	0.43	ug/l	80
66) Chlorobenzene	11.54	112	7170	0.25	ug/l	91

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

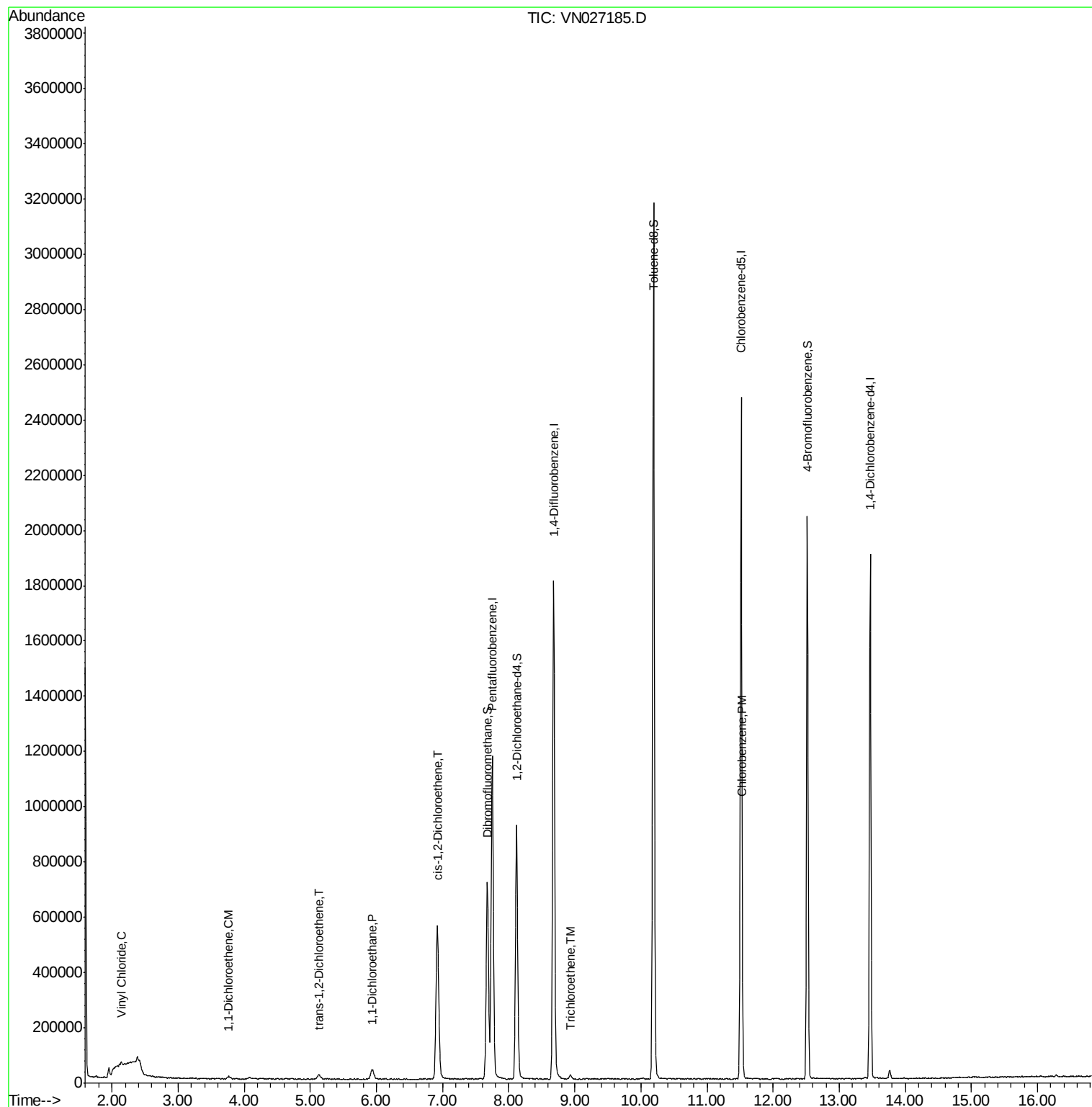
Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091515\
Data File : VN027185.D
Acq On : 16 Sep 2015 2:06
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Quant Time: Sep 16 04:29:39 2015
Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 15 21:12:09 2015
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: VN027185.D

Acq: 16 Sep 2015 2:06

Instrument :

MSVOA_N

ClientSampled :

S39-0102

Tot Ion:168 Resp: 824552

Ion Ratio Lower Upper

168 100

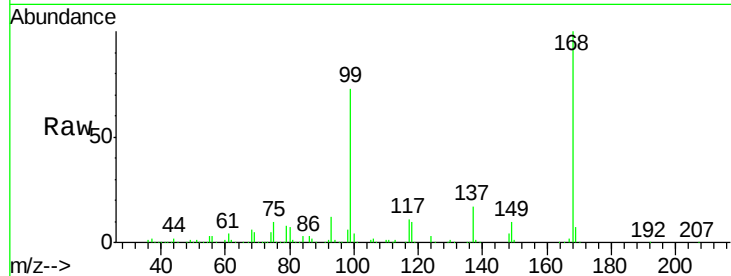
99 72.6 50.4 75.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.75

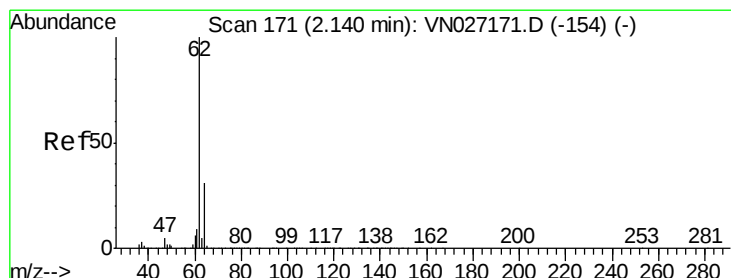
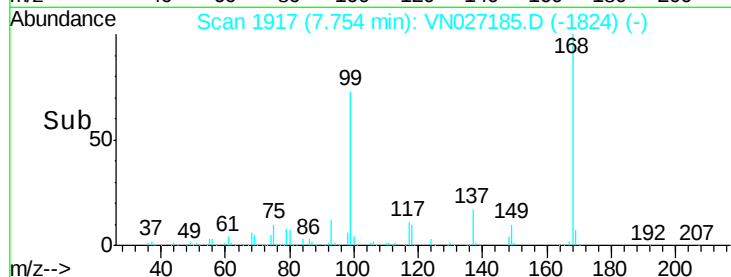
300000

200000

100000

0

Time-->



#5

Vinyl Chloride

Concen: 0.88 ug/l

RT: 2.14 min Scan# 172

Delta R.T. 0.00 min

Lab File: VN027185.D

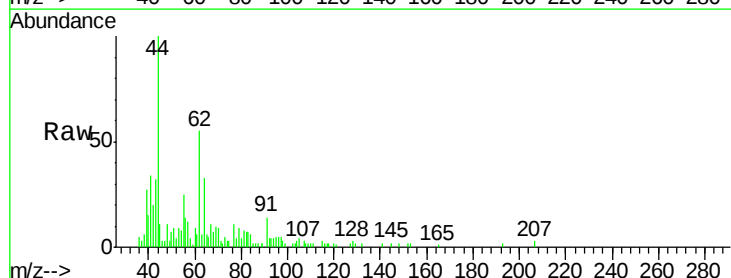
Acq: 16 Sep 2015 2:06

Tgt Ion: 62 Resp: 10238

Ion Ratio Lower Upper

62 100

64 33.6 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.14

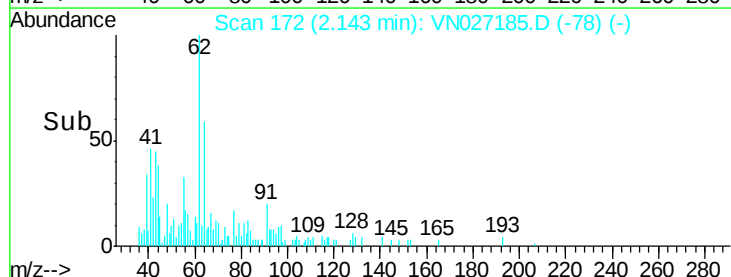
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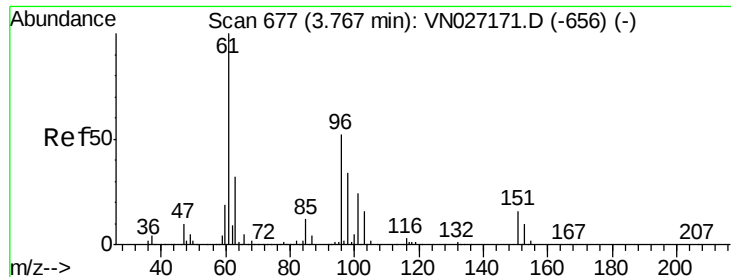
4000

2000

0

Time-->





#13

1,1-Dichloroethene

Concen: 0.49 ug/l m

RT: 3.77 min Scan# 678

Delta R.T. 0.00 min

Lab File: VN027185.D

Acq: 16 Sep 2015 2:06

Instrument :

MSVOA_N

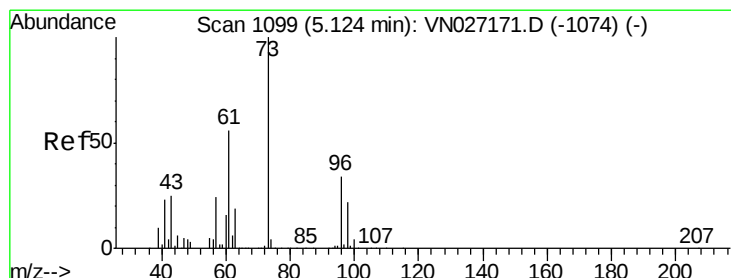
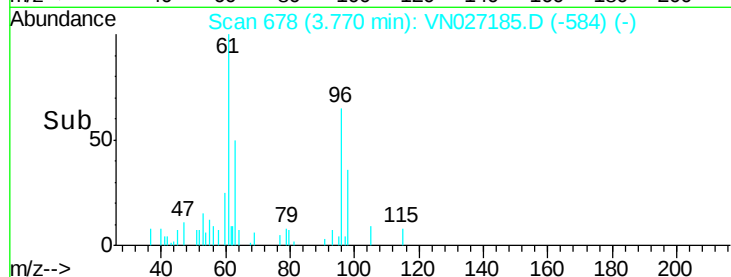
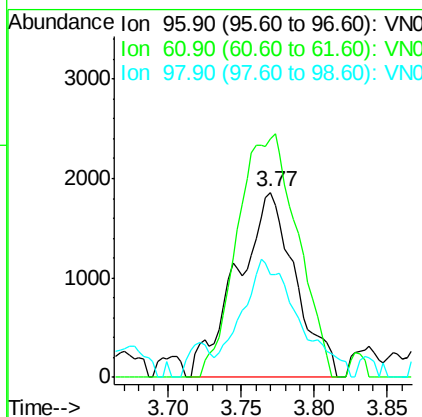
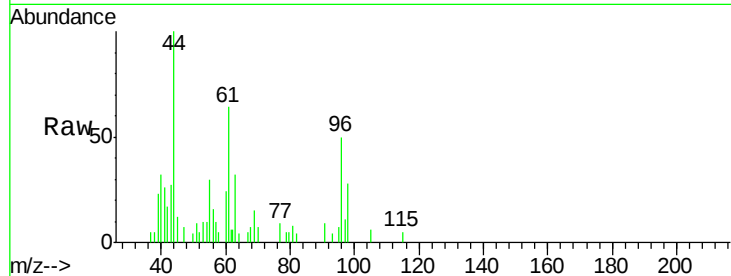
ClientSampled :

S39-0102

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.0	143.8	215.8#
98	55.4	50.3	75.5

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#22

trans-1,2-Dichloroethene

Concen: 0.63 ug/l m

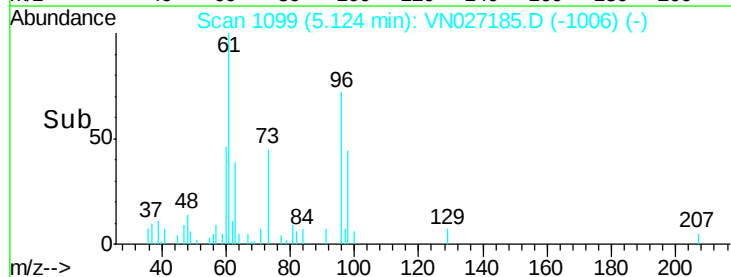
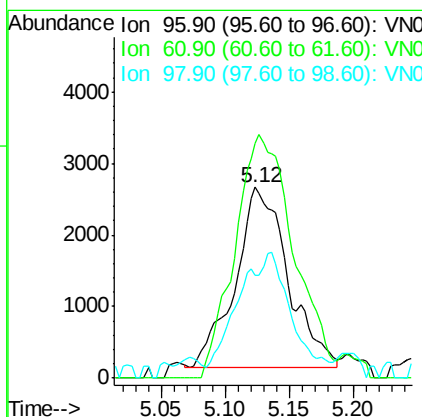
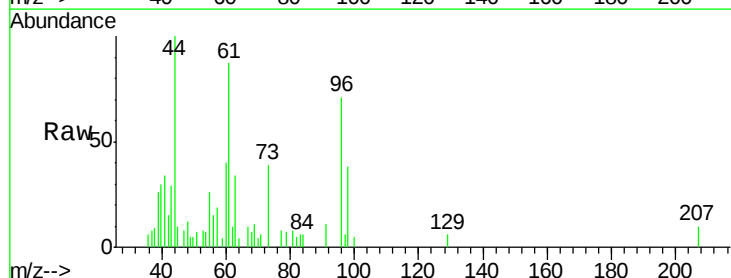
RT: 5.12 min Scan# 1099

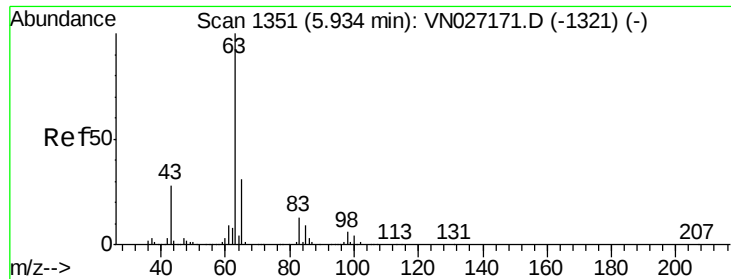
Delta R.T. 0.00 min

Lab File: VN027185.D

Acq: 16 Sep 2015 2:06

Tgt Ion	Ratio	Lower	Upper
96	100		
61	123.2	126.6	189.8#
98	54.2	47.4	71.2





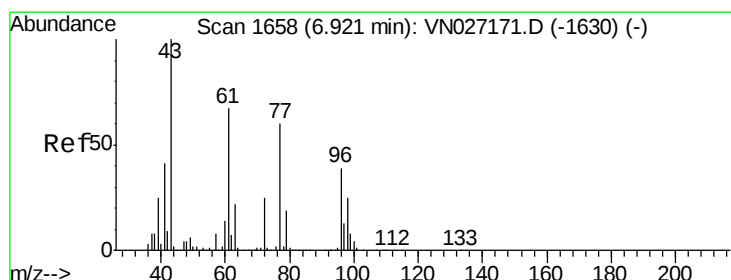
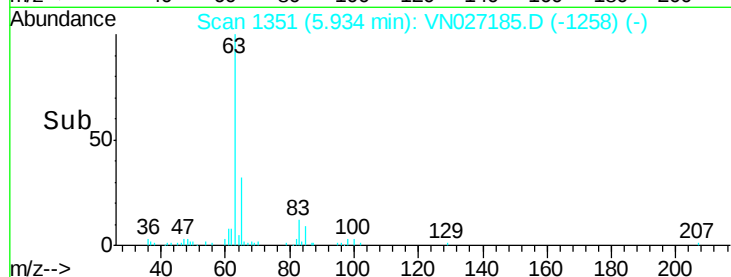
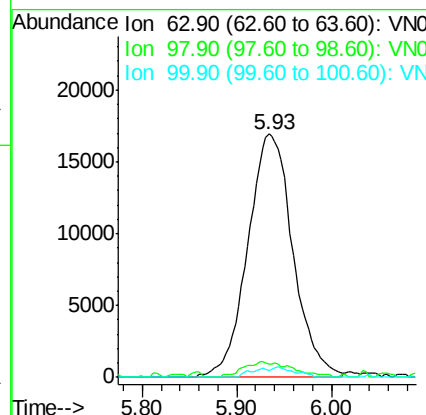
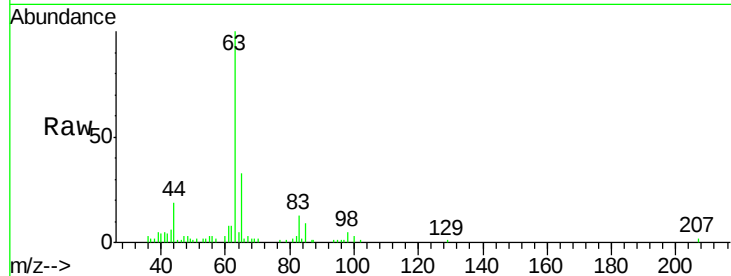
#25
 1,1-Dichloroethane
 Concen: 2.15 ug/l
 RT: 5.93 min Scan# 1351
 Delta R.T. 0.00 min
 Lab File: VN027185.D
 Acq: 16 Sep 2015 2:06

Instrument :
 MSVOA_N
 ClientSampled :
 S39-0102

Tot Ion	Ratio	Resp Lower	Upper
63	100		
98	4.3	2.8	8.3
100	2.8	1.7	5.0

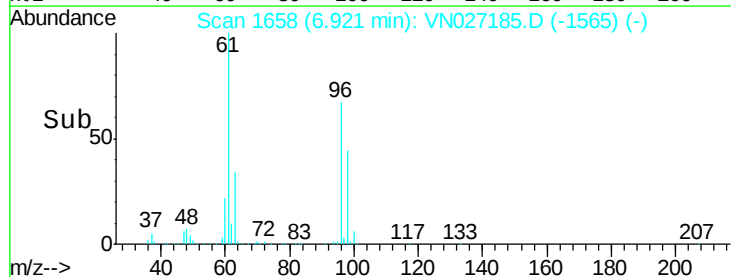
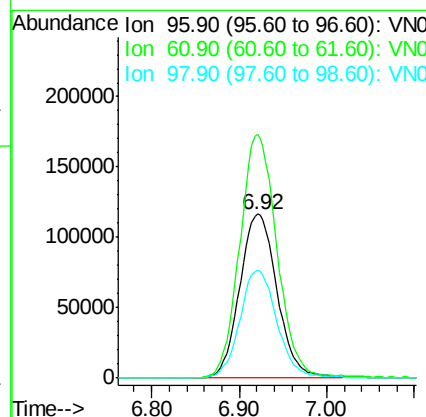
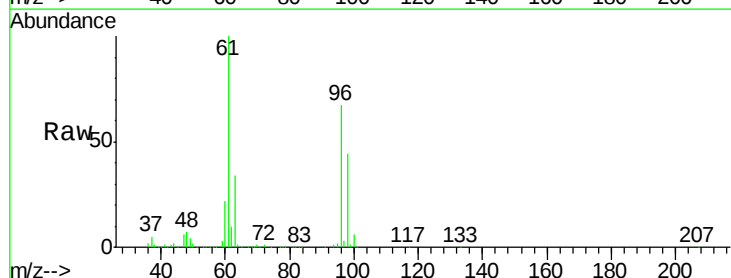
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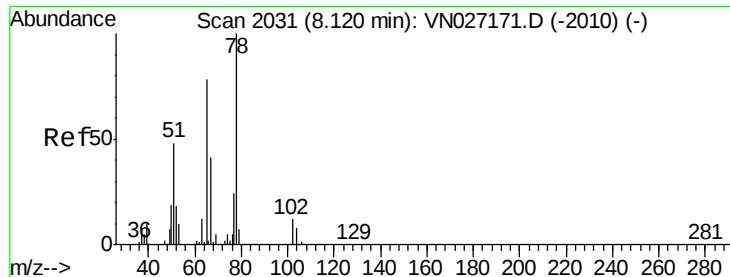
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#28
 cis-1,2-Dichloroethene
 Concen: 26.33 ug/l
 RT: 6.92 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: VN027185.D
 Acq: 16 Sep 2015 2:06

Tgt Ion	Ratio	Resp Lower	Upper
96	100		
61	147.3	0.0	329.2
98	65.4	0.0	126.0





#34

1,2-Dichloroethane-d4

Concen: 47.31 ug/l

RT: 8.12 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VN027185.D

Acq: 16 Sep 2015 2:06

Instrument :

MSVOA_N

ClientSampleId :

S39-0102

Tot Ion: 65 Resp: 799213

Ion Ratio Lower Upper

65 100

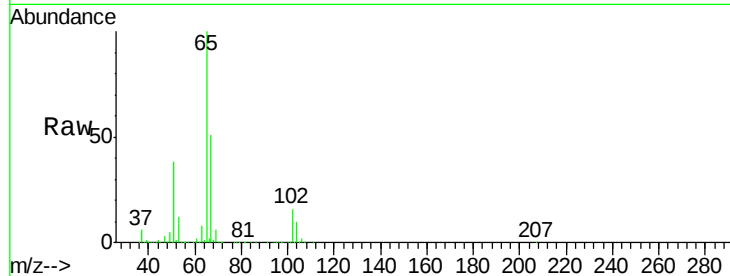
67 51.0 0.0 110.6

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Abundance Ion 64.90 (64.60 to 65.60): VN027185.D (-1938) (-)

Ion 66.90 (66.60 to 67.60): VN027185.D (-1938) (-)

8.12

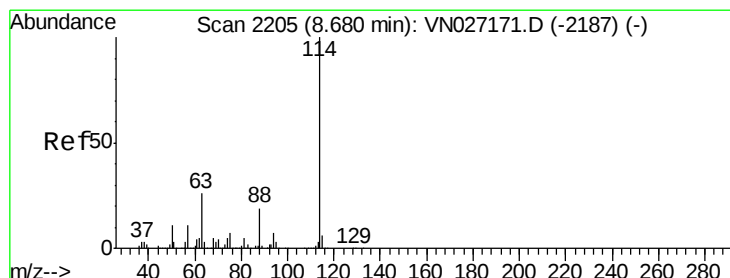
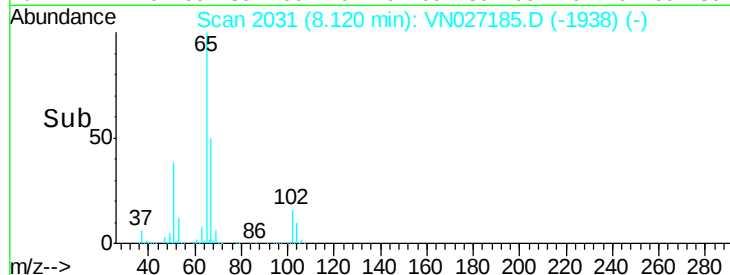
300000

200000

100000

0

Time-->



#35

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.68 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VN027185.D

Acq: 16 Sep 2015 2:06

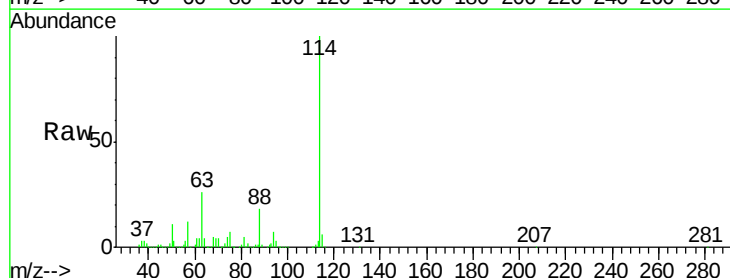
Tgt Ion: 114 Resp: 1462705

Ion Ratio Lower Upper

114 100

63 26.4 0.0 48.8

88 18.2 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): VN027185.D (-2112) (-)

Ion 63.00 (62.70 to 63.70): VN027185.D (-2112) (-)

Ion 87.90 (87.60 to 88.60): VN027185.D (-2112) (-)

8.68

800000

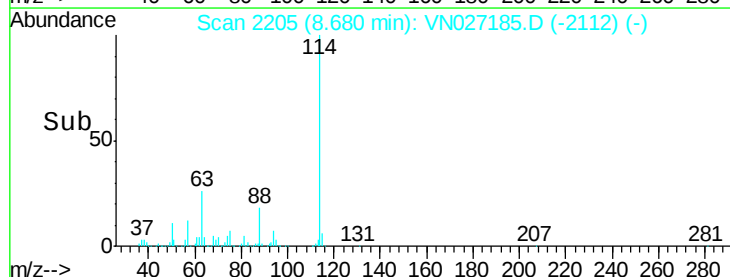
600000

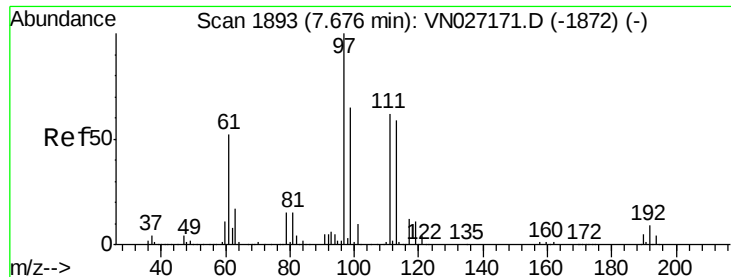
400000

200000

0

Time-->





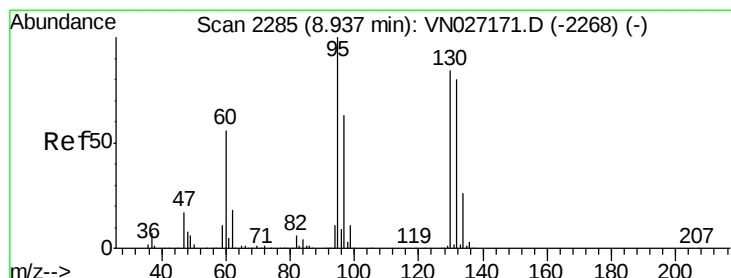
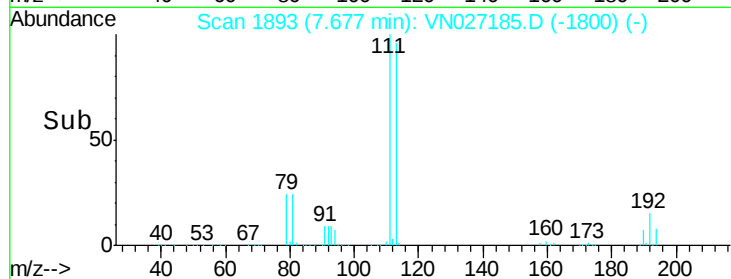
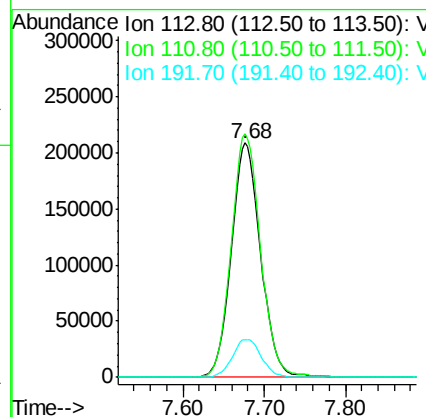
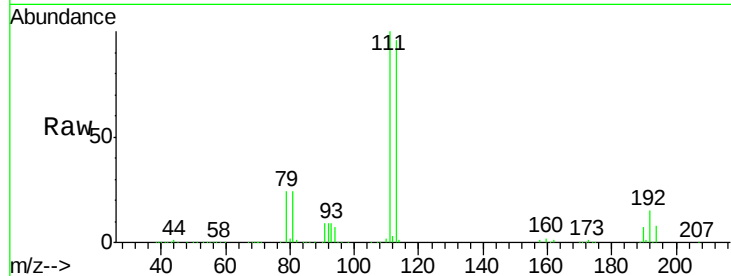
#36
 Dibromofluoromethane
 Concen: 51.74 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. 0.00 min
 Lab File: VN027185.D
 Acq: 16 Sep 2015 2:06

Instrument :
 MSVOA_N
 ClientSampled :
 S39-0102

Tot Ion	Ratio	Resp	Lower	Upper
113	100	524574		
111	104.7	83.0	124.4	
192	16.3	14.1	21.1	

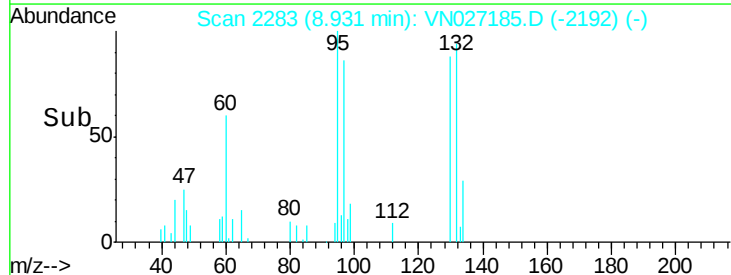
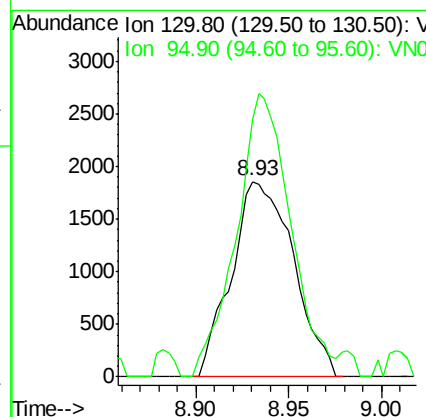
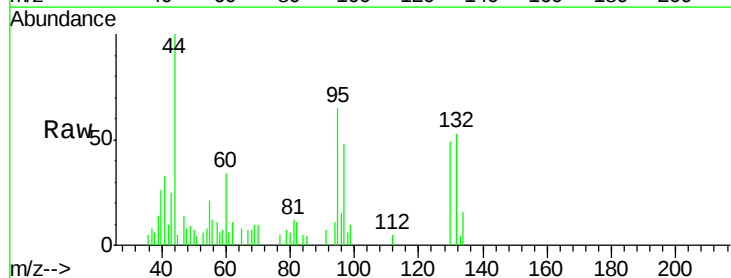
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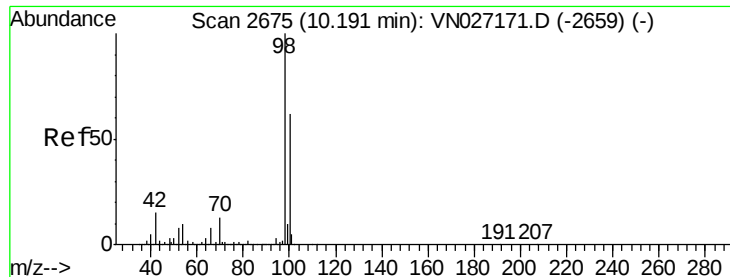
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#45
 Trichloroethene
 Concen: 0.43 ug/l
 RT: 8.93 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: VN027185.D
 Acq: 16 Sep 2015 2:06

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	4327		
95	131.9	0.0	222.2	





#51

Toluene-d8

Concen: 53.54 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027185.D

Acq: 16 Sep 2015 2:06

Instrument :

MSVOA_N

ClientSampled :

S39-0102

Tot Ion: 98 Resp: 2125416

Ion Ratio Lower Upper

98 100

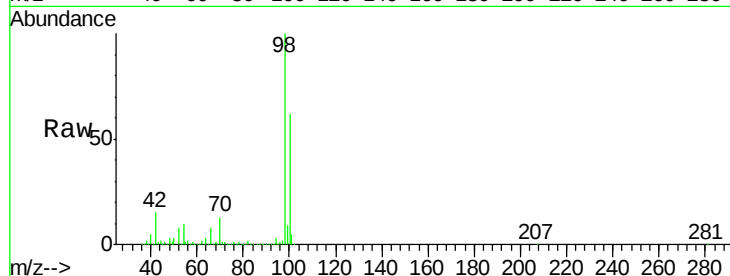
100 62.7 50.5 75.7

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Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

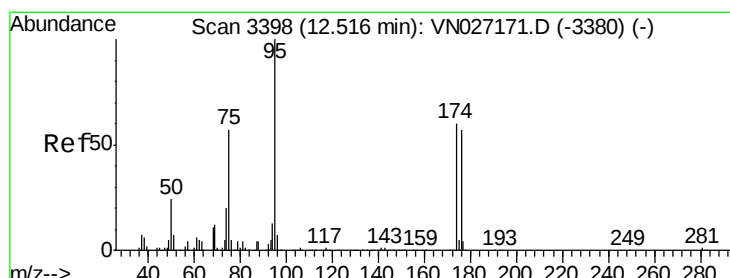
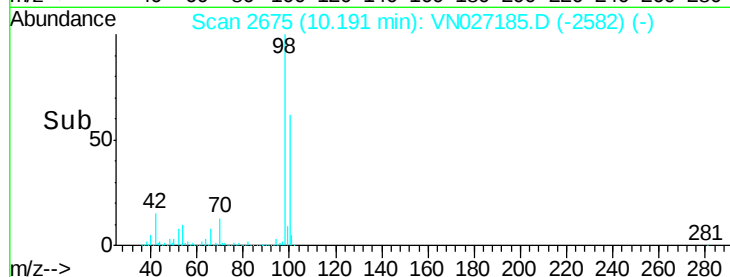
10.19

1000000

500000

0

Time-->



#63

4-Bromofluorobenzene

Concen: 50.44 ug/l

RT: 12.52 min Scan# 3398

Delta R.T. 0.00 min

Lab File: VN027185.D

Acq: 16 Sep 2015 2:06

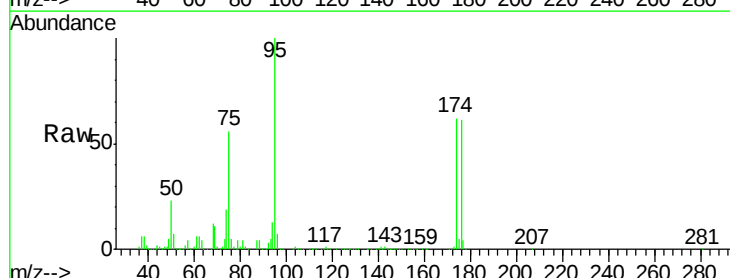
Tgt Ion: 95 Resp: 710751

Ion Ratio Lower Upper

95 100

174 62.2 0.0 137.0

176 60.7 0.0 130.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

500000

400000

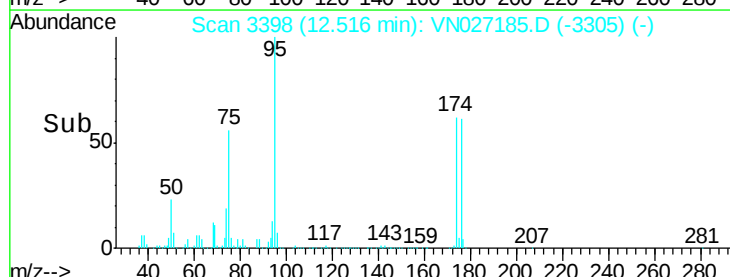
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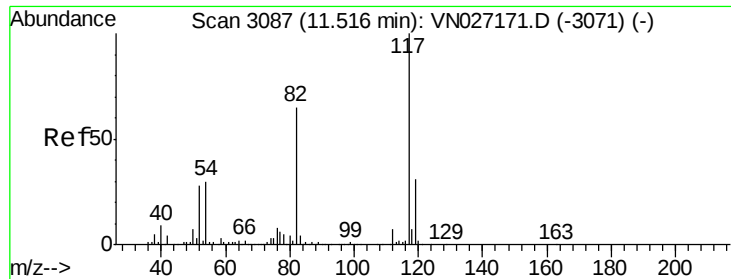
200000

100000

0

Time-->





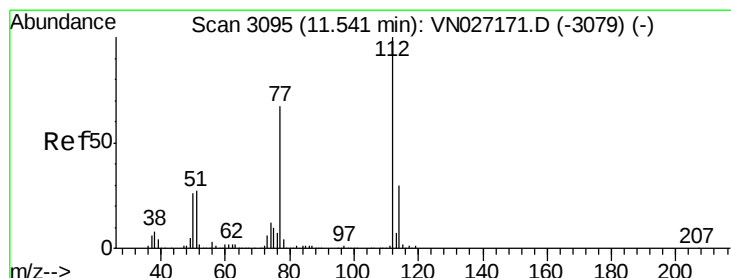
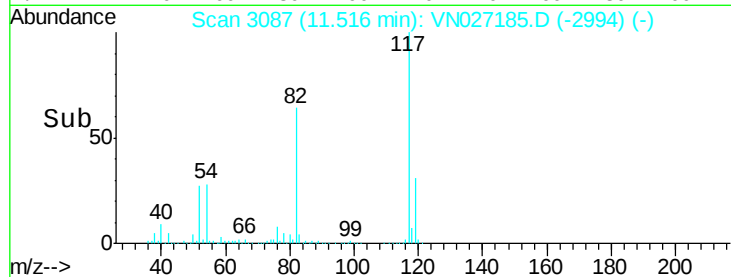
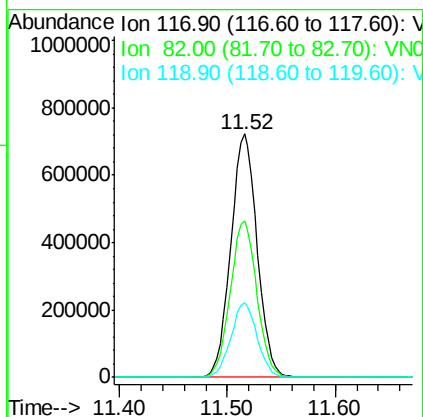
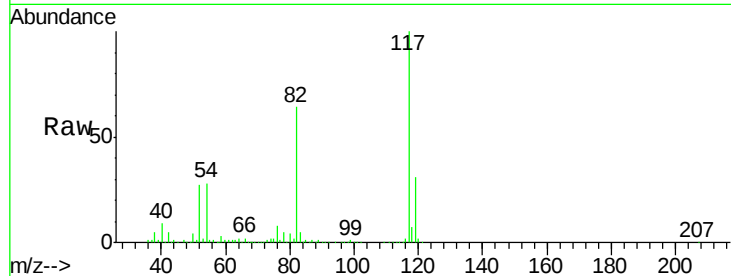
#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027185.D
Acq: 16 Sep 2015 2:06

Instrument :
MSVOA_N
ClientSampleId :
S39-0102

Tot Ion	Ratio	Lower	Upper
117	100		
82	64.1	49.6	74.4
119	30.7	24.6	36.8

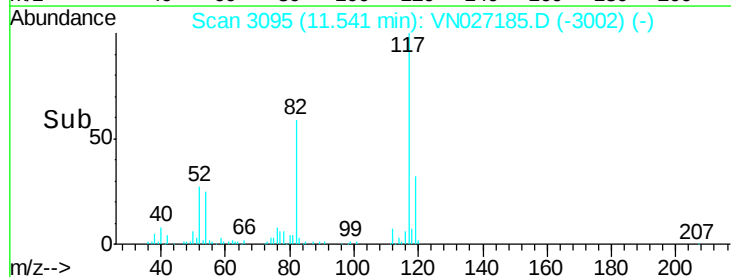
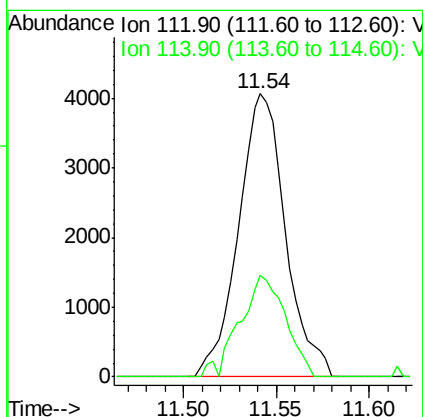
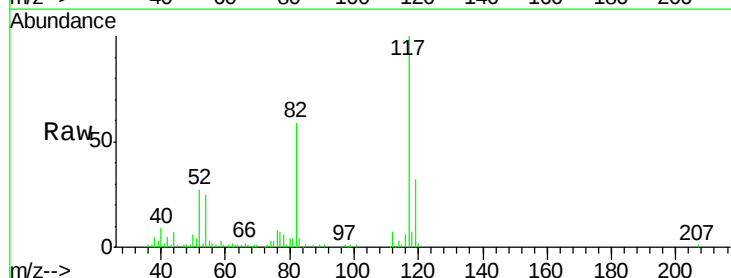
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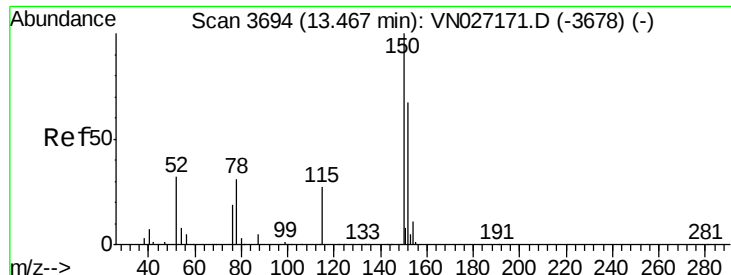
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#66
Chlorobenzene
Concen: 0.25 ug/l
RT: 11.54 min Scan# 3095
Delta R.T. 0.00 min
Lab File: VN027185.D
Acq: 16 Sep 2015 2:06

Tgt Ion	Ratio	Lower	Upper
112	100		
114	35.8	24.9	37.3





#73
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.47 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN027185.D
 Acq: 16 Sep 2015 2:06

Instrument :
 MSVOA_N
 ClientSampleId :
 S39-0102

Tot Ion	Ratio	Lower	Upper
152	100		
115	68.3	30.8	92.3
150	157.3	0.0	345.0

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