

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111518\
 Data File : VN052345.D
 Acq On : 15 Nov 2018 16:40
 Operator : MD\SY
 Sample : J5957-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 16 02:53:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

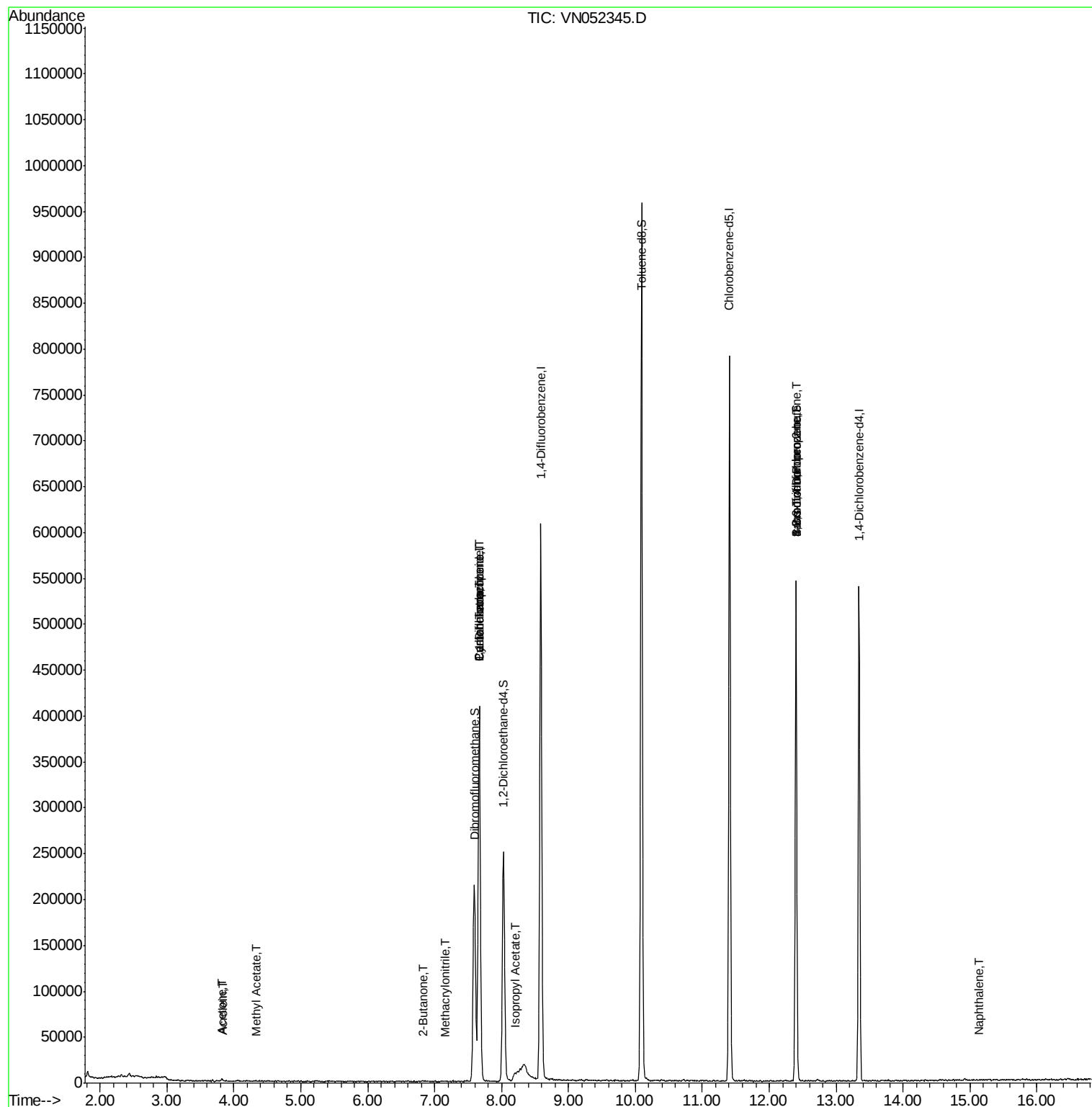
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	301663	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	501394	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	409935	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	128173	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	208133	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
35) Dibromofluoromethane	7.59	113	162260	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
50) Toluene-d8	10.09	98	630666	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
62) 4-Bromofluorobenzene	12.40	95	173307	41.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.82%	
Target Compounds						
					Qvalue	
13) Acrolein	3.84	56	59	21.929	ug/l #	14
16) Acetone	3.82	43	3939	3.358	ug/l	92
18) Methyl Acetate	4.32	43	869	0.694	ug/l #	57
20) Methylene Chloride	4.57	84	60	Below Cal	#	1
25) 2-Butanone	6.83	43	566	0.343	ug/l #	52
31) Cyclohexane	7.66	56	9586	0.428	ug/l #	33
36) 1,1-Dichloropropene	7.67	75	28283	5.628	ug/l #	49
38) Carbon Tetrachloride	7.66	117	32866	7.118	ug/l #	16
41) Methacrylonitrile	7.16	41	79	3.732	ug/l #	100
43) Isopropyl Acetate	8.20	43	7902	1.123	ug/l #	67
71) Bromoform	12.40	173	1132	0.649	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	96791	44.505	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	96791	144.346	ug/l #	5
95) Naphthalene	15.13	128	145	2.635	ug/l #	69

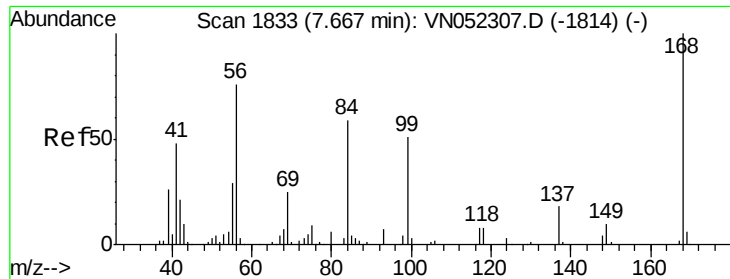
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111518\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052345.D

Acq: 15 Nov 2018 16:40

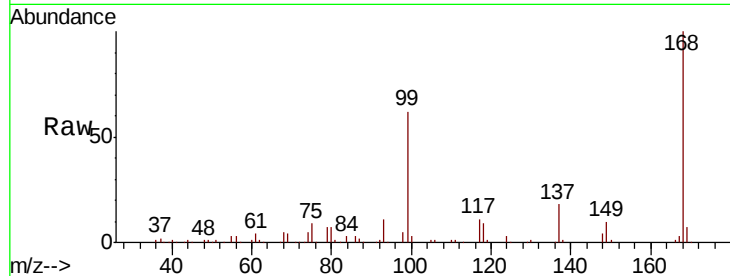
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 301663

Ion Ratio Lower Upper

168 100

99 62.4 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

150000

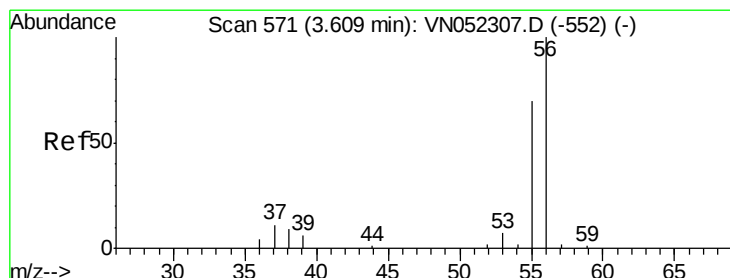
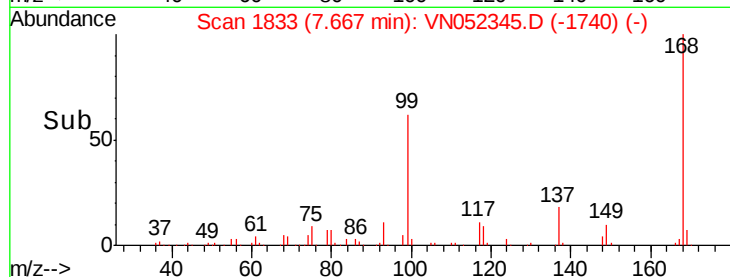
100000

50000

0

Time-->

7.60 7.70 7.80



#13

Acrolein

Concen: 21.929 ug/l

RT: 3.84 min Scan# 643

Delta R.T. 0.23 min

Lab File: VN052345.D

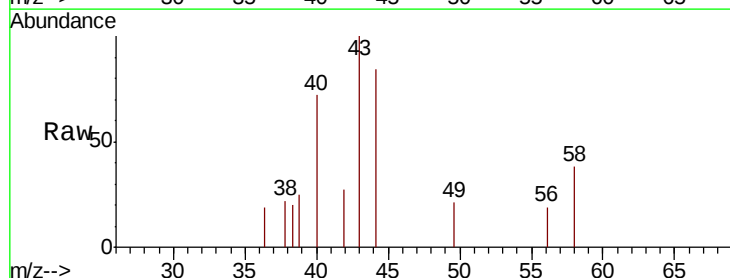
Acq: 15 Nov 2018 16:40

Tgt Ion: 56 Resp: 59

Ion Ratio Lower Upper

56 100

55 0.0 57.6 86.4#



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

3.84

150

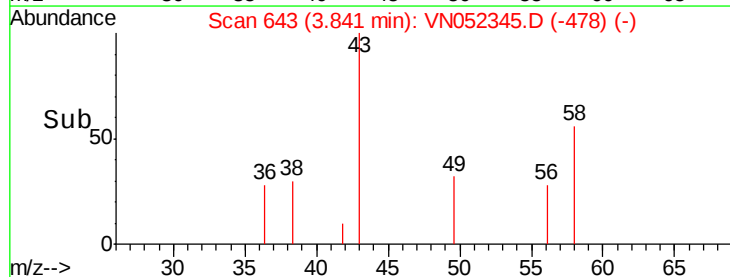
100

50

0

Time-->

3.83 3.84 3.85





#16

Acetone

Concen: 3.358 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052345.D

Acq: 15 Nov 2018 16:40

Instrument :

MSVOA_N

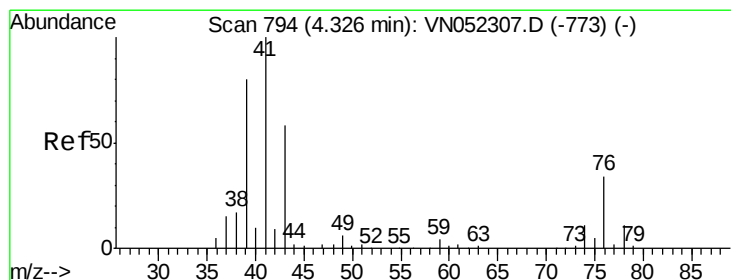
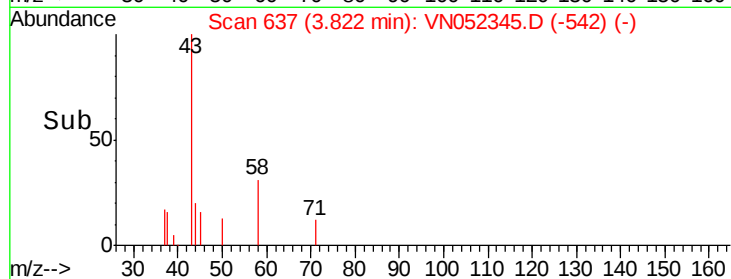
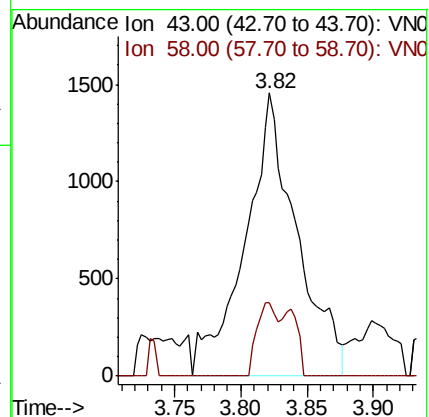
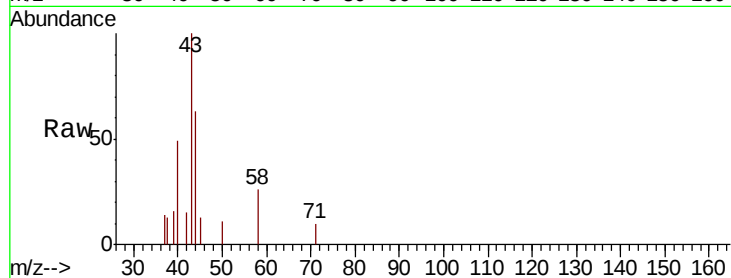
ClientSampleId :

Tot Ion: 43 Resp: 3939

Ion Ratio Lower Upper

43 100

58 26.0 24.2 36.4



#18

Methyl Acetate

Concen: 0.694 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN052345.D

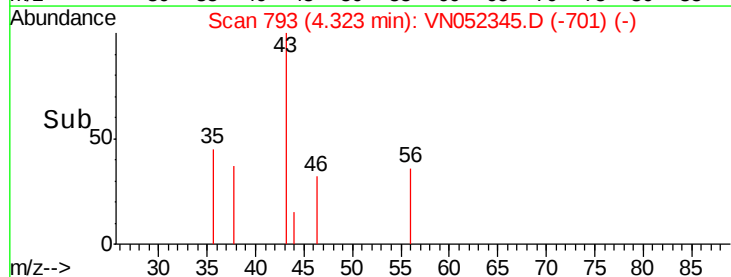
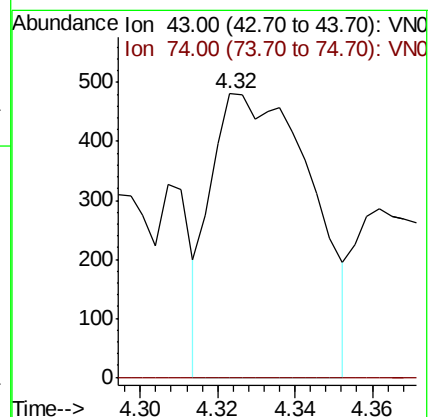
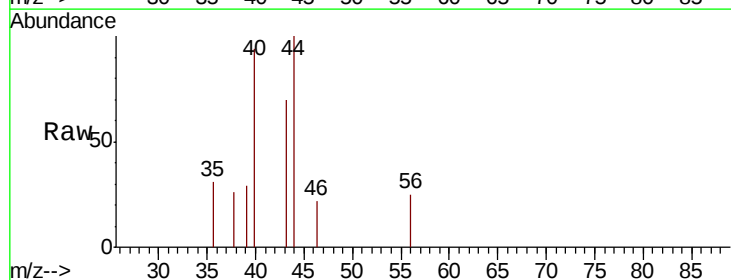
Acq: 15 Nov 2018 16:40

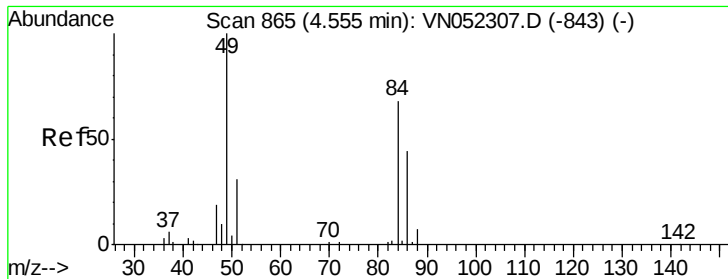
Tgt Ion: 43 Resp: 869

Ion Ratio Lower Upper

43 100

74 0.0 15.9 23.9#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.57 min Scan# 869

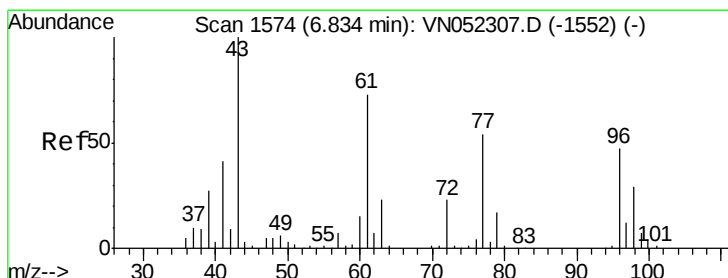
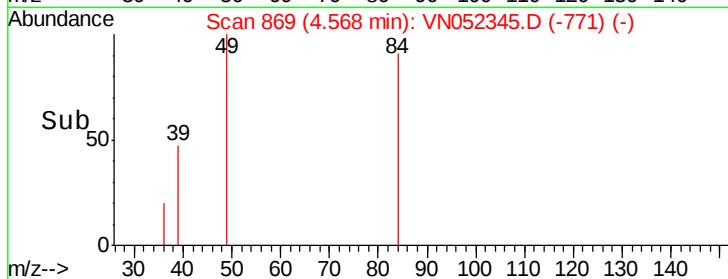
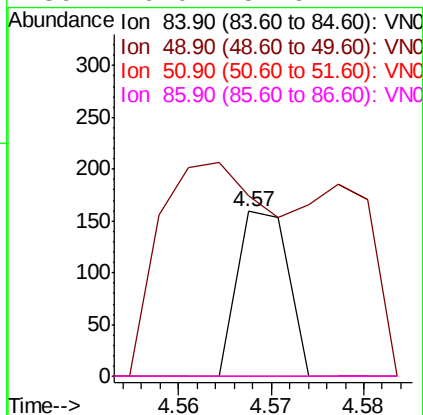
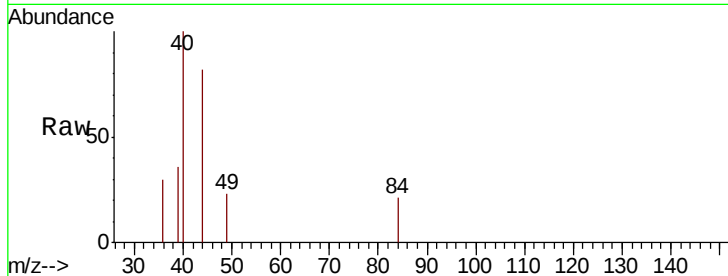
Delta R.T. 0.01 min

Lab File: VN052345.D

Acq: 15 Nov 2018 16:40

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	84	Resp:	60
Ion	Ratio	Lower	Upper
84	100		
49	0.0	118.2	177.2#
51	0.0	36.1	54.1#
86	0.0	51.6	77.4#



#25

2-Butanone

Concen: 0.343 ug/l

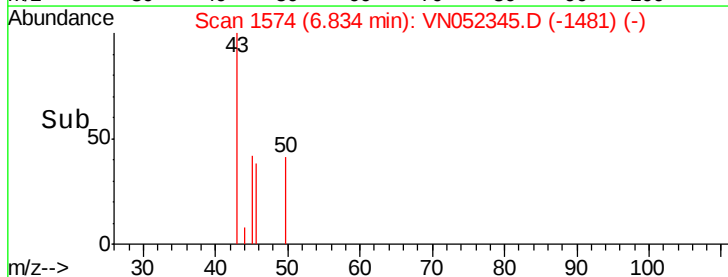
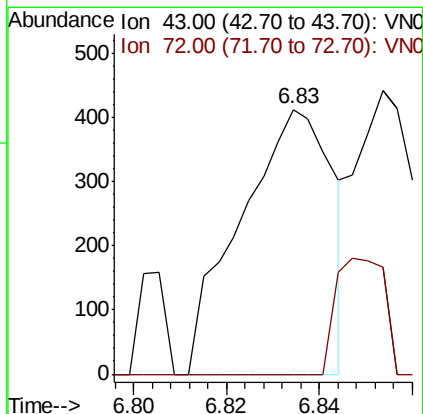
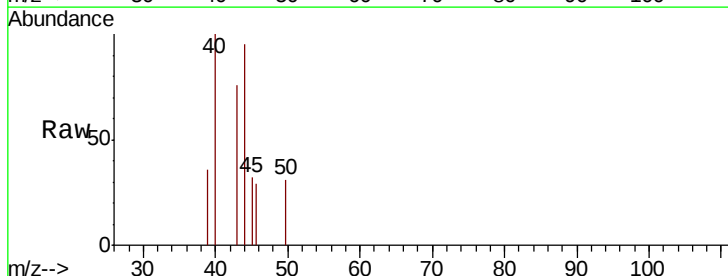
RT: 6.83 min Scan# 1574

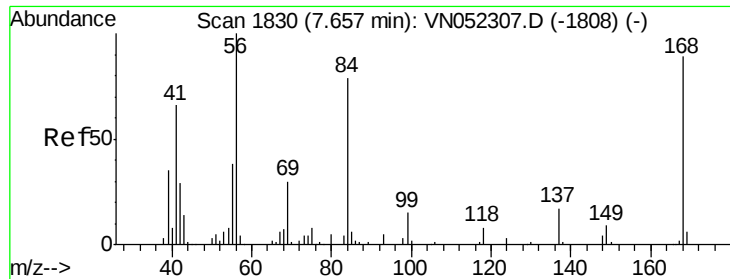
Delta R.T. 0.00 min

Lab File: VN052345.D

Acq: 15 Nov 2018 16:40

Tgt Ion:	43	Resp:	566
Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#

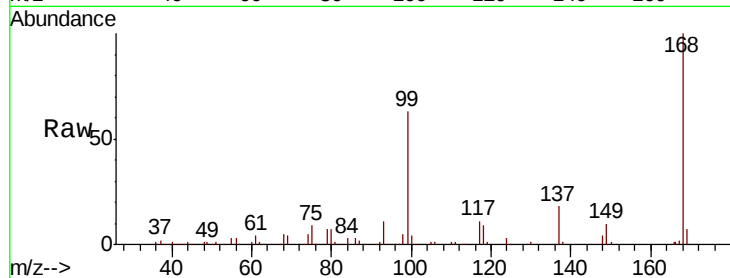




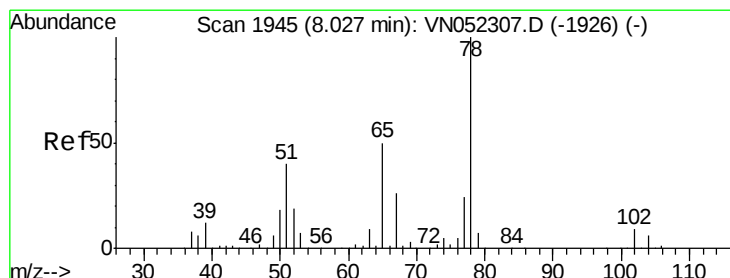
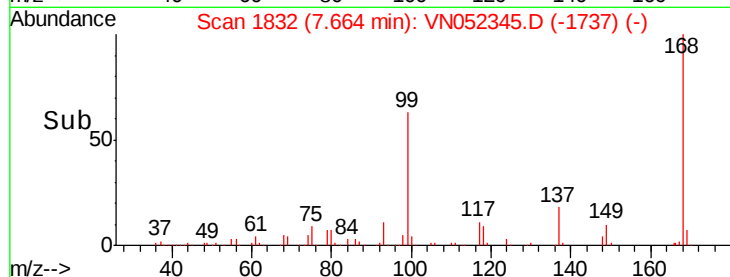
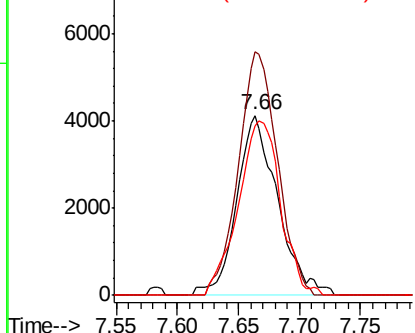
#31
Cyclohexane
Concen: 0.428 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN052345.D
Acq: 15 Nov 2018 16:40

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 9586
Ion Ratio Lower Upper
56 100
69 135.5 23.8 35.8#
84 94.6 63.0 94.6#

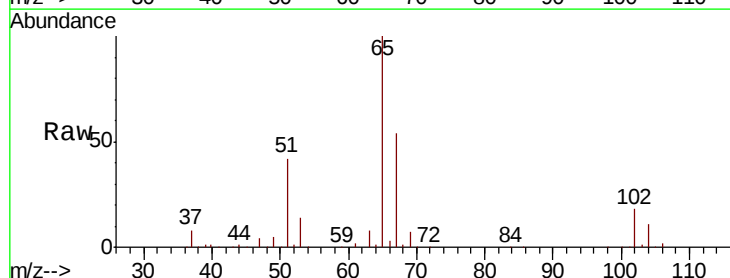


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

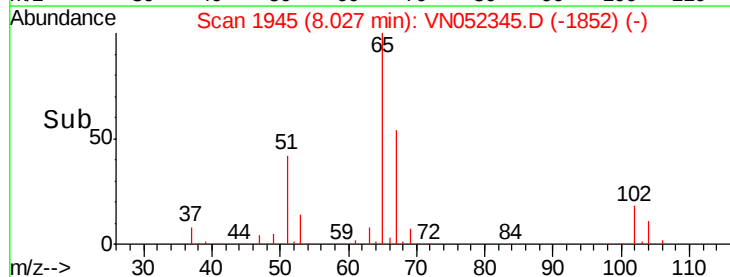
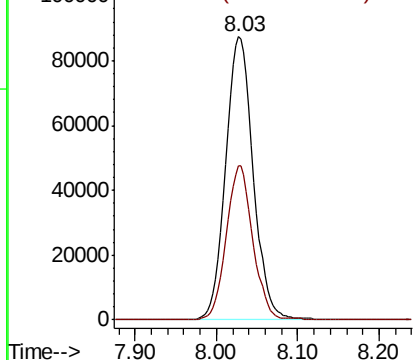


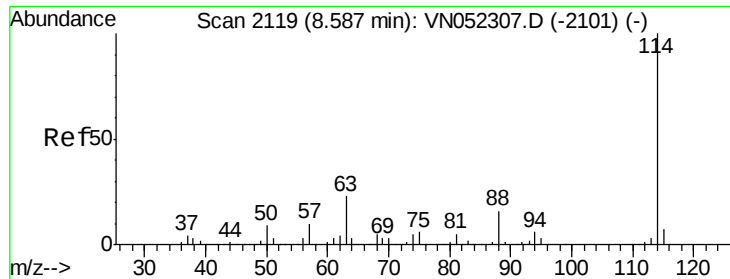
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052345.D
Acq: 15 Nov 2018 16:40

Tgt Ion: 65 Resp: 208133
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

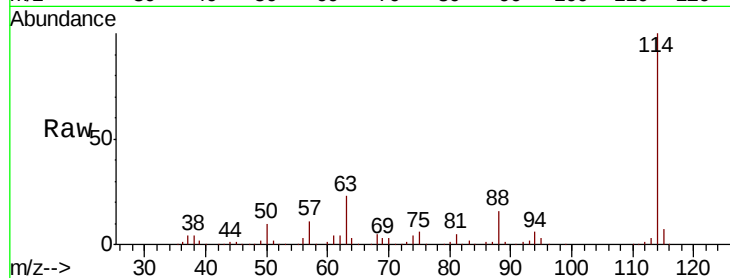




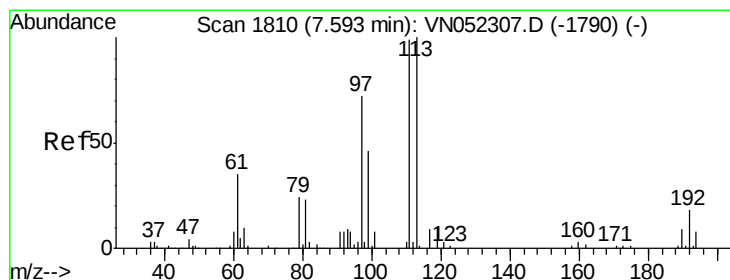
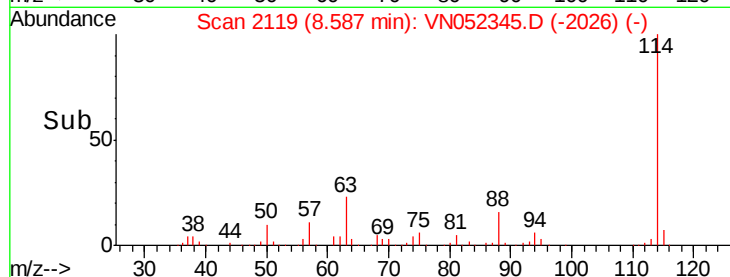
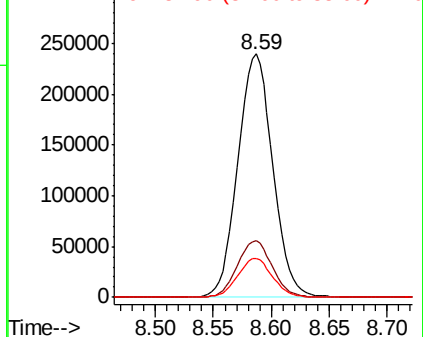
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN052345.D
Acq: 15 Nov 2018 16:40

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:114 Resp: 501394
Ion Ratio Lower Upper
114 100
63 23.2 0.0 45.4
88 16.1 0.0 31.2

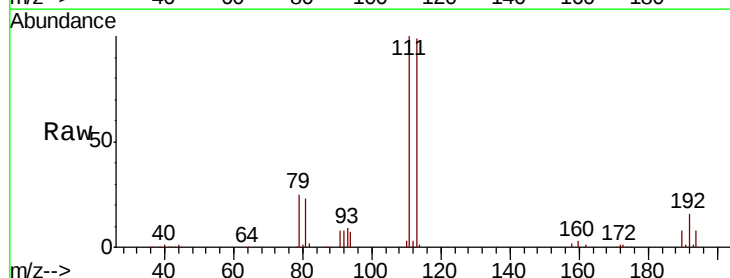


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

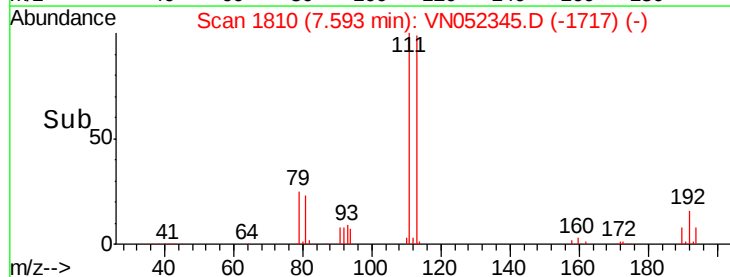
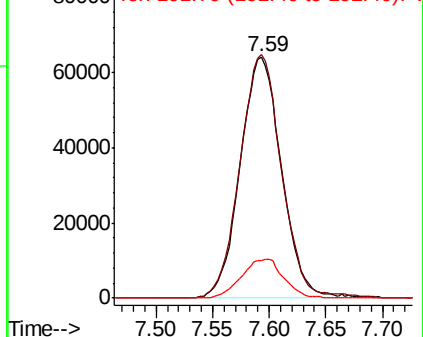


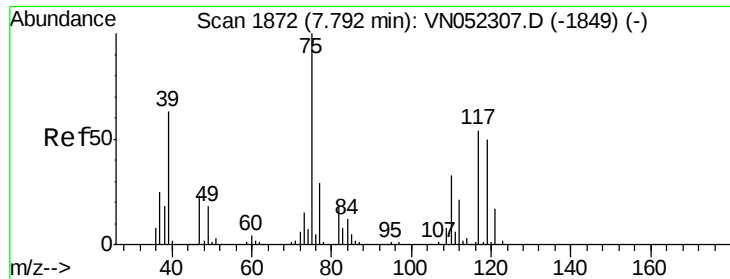
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN052345.D
Acq: 15 Nov 2018 16:40

Tgt Ion:113 Resp: 162260
Ion Ratio Lower Upper
113 100
111 102.3 81.0 121.6
192 16.6 13.8 20.6



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

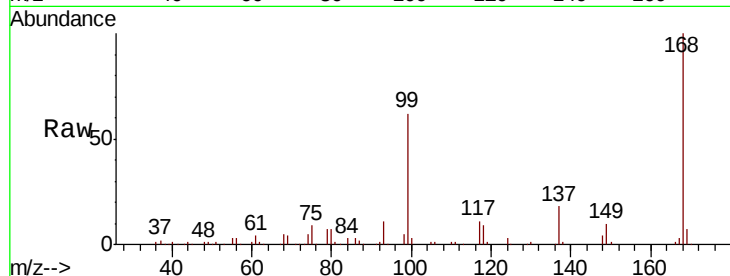




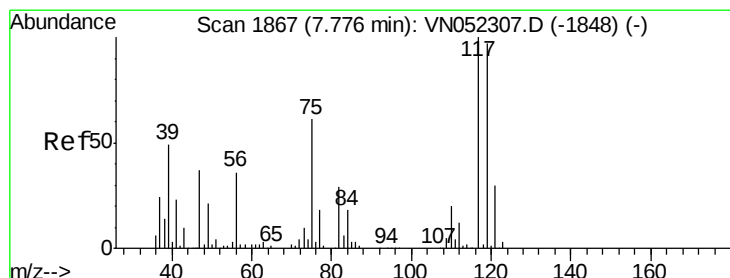
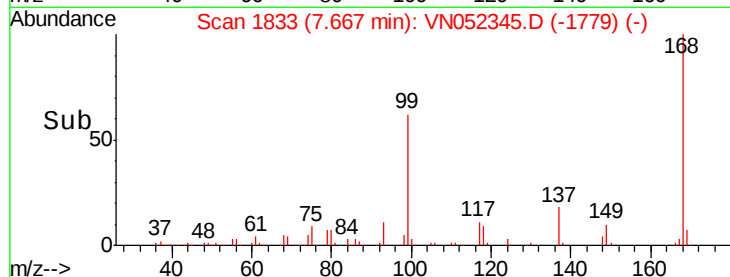
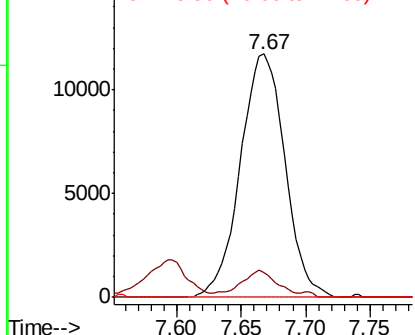
#36
 1,1-Dichloropropene
 Concen: 5.628 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN052345.D
 Acq: 15 Nov 2018 16:40

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 75 Resp: 28283
 Ion Ratio Lower Upper
 75 100
 110 7.1 16.5 49.5#
 77 0.0 24.2 36.2#

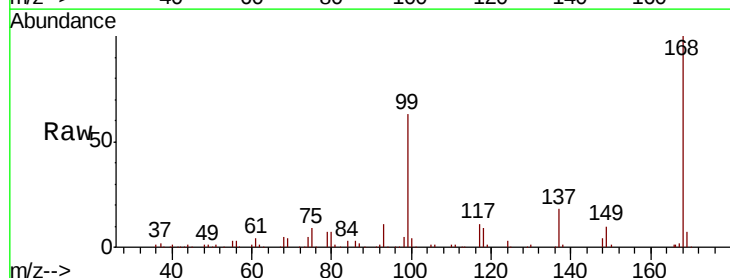


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

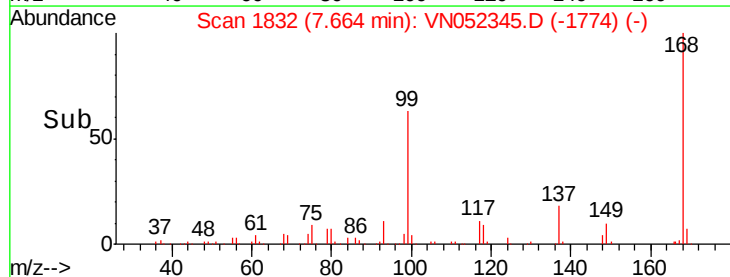
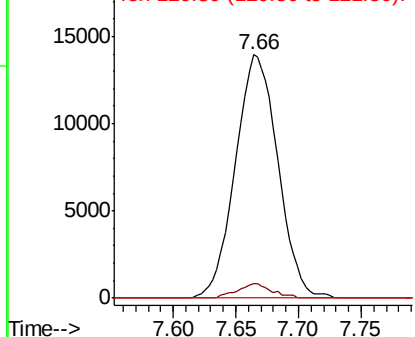


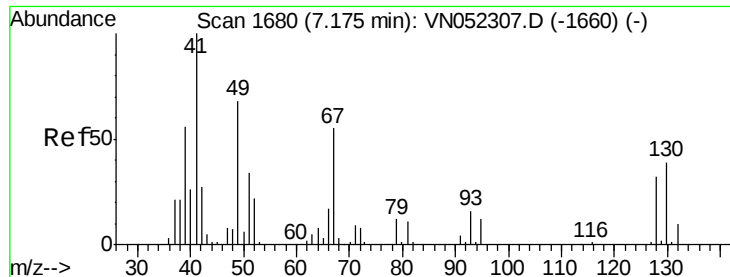
#38
 Carbon Tetrachloride
 Concen: 7.118 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN052345.D
 Acq: 15 Nov 2018 16:40

Tgt Ion: 117 Resp: 32866
 Ion Ratio Lower Upper
 117 100
 119 6.1 77.4 116.0#
 121 0.0 24.0 36.0#



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

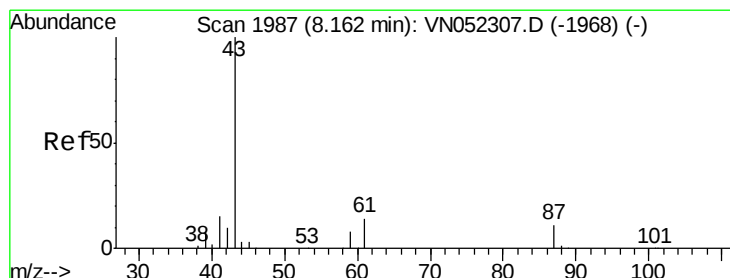
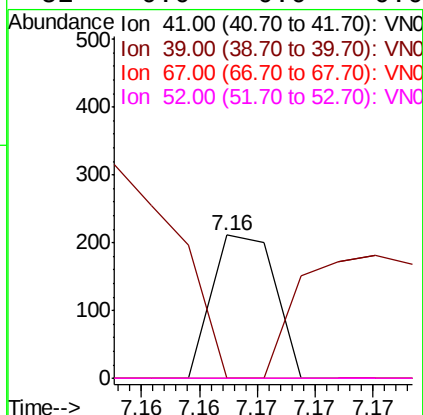
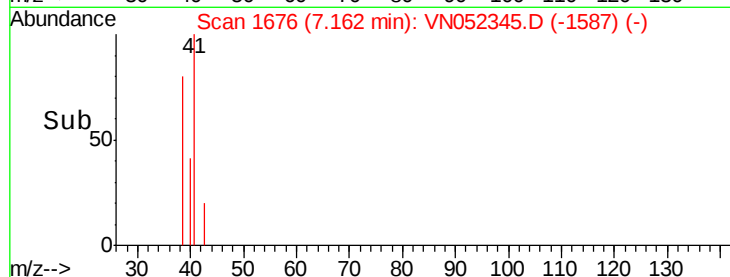
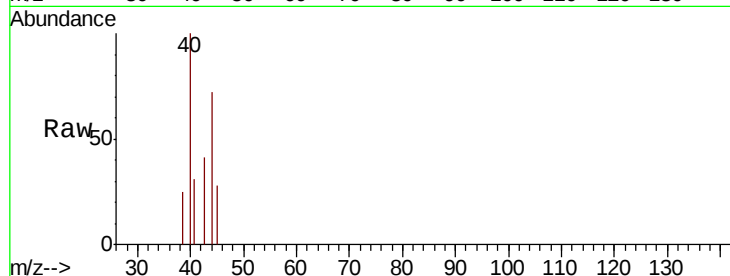




#41
Methacrylonitrile
Concen: 3.732 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.01 min
Lab File: VN052345.D
Acq: 15 Nov 2018 16:40

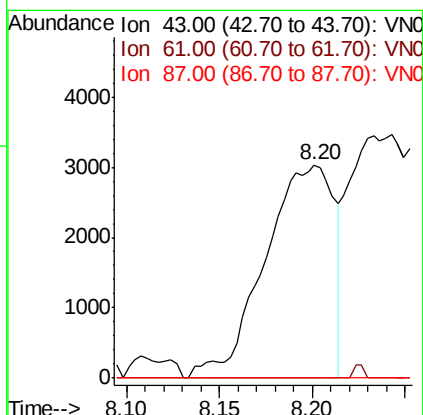
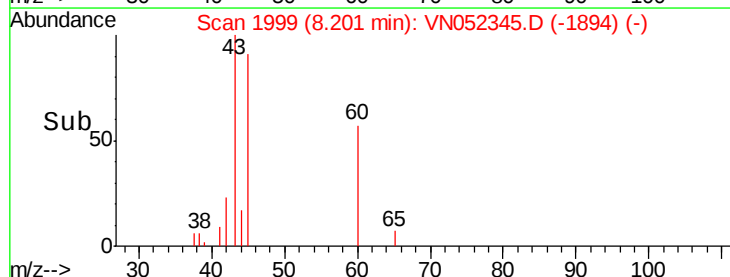
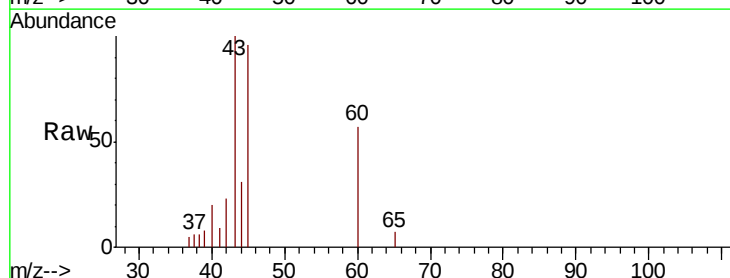
Instrument :
MSVOA_N
ClientSampled :

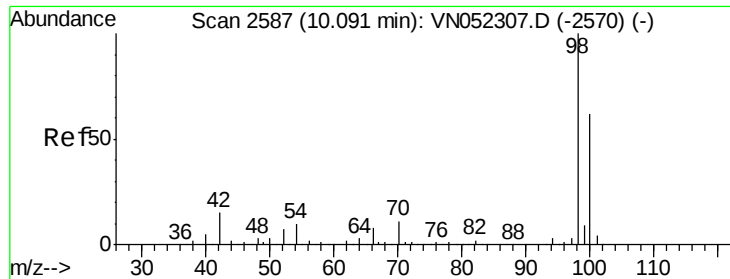
Tot Ion:	41	Resp:	79
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#43
Isopropyl Acetate
Concen: 1.123 ug/l
RT: 8.20 min Scan# 1999
Delta R.T. 0.04 min
Lab File: VN052345.D
Acq: 15 Nov 2018 16:40

Tgt Ion:	43	Resp:	7902
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.0	18.0#
87	0.0	8.3	12.5#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052345.D

Acq: 15 Nov 2018 16:40

Instrument :

MSVOA_N

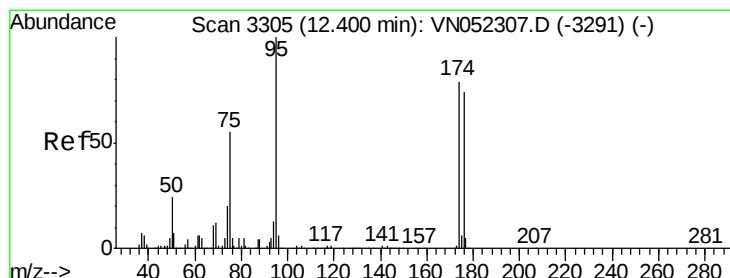
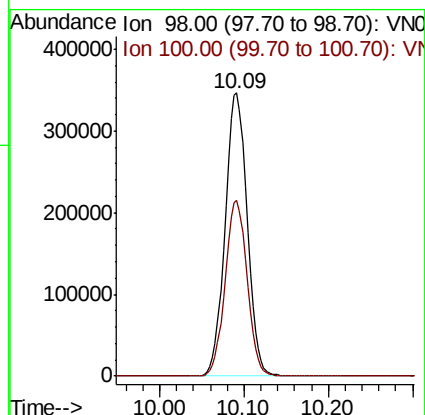
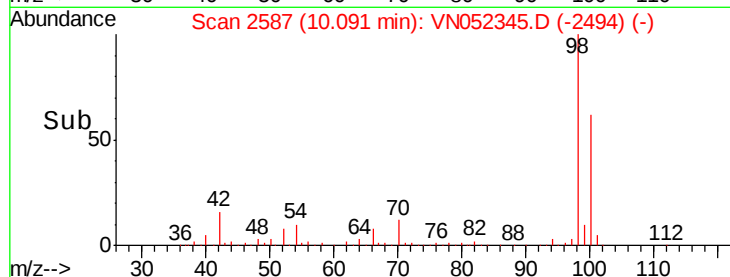
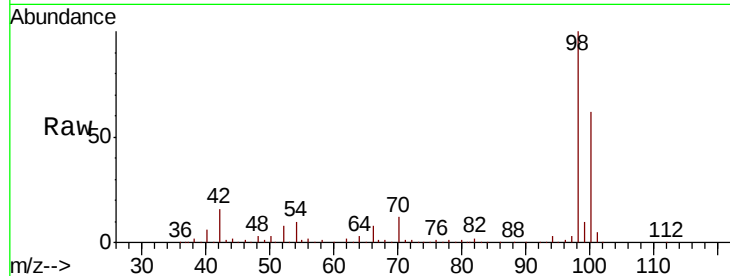
ClientSampled :

Tot Ion: 98 Resp: 630666

Ion Ratio Lower Upper

98 100

100 61.8 49.5 74.3



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052345.D

Acq: 15 Nov 2018 16:40

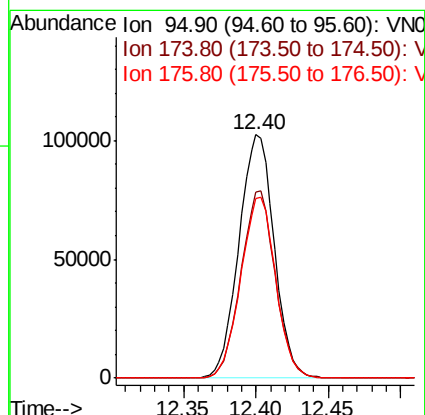
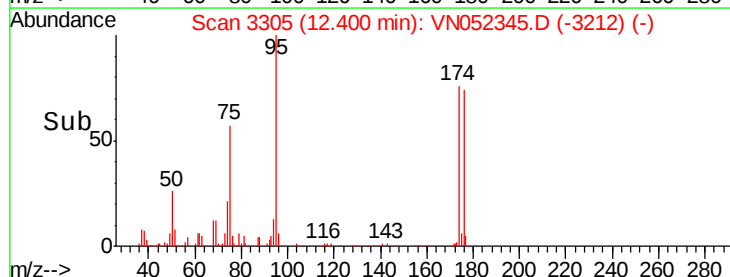
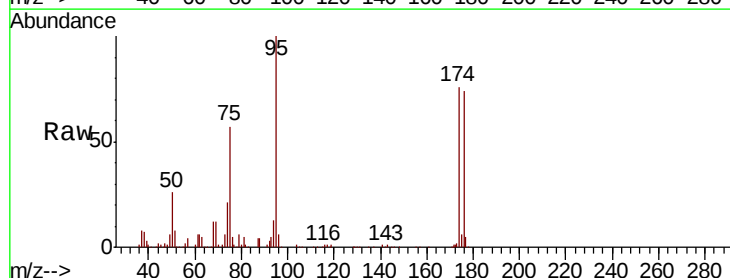
Tgt Ion: 95 Resp: 173307

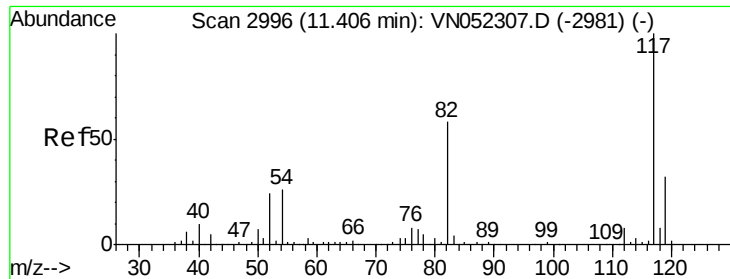
Ion Ratio Lower Upper

95 100

174 75.2 0.0 156.0

176 73.9 0.0 148.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN052345.D

Acq: 15 Nov 2018 16:40

Instrument :

MSVOA_N

ClientSampled :

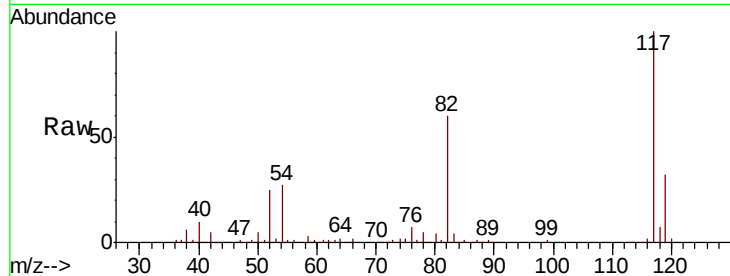
Tot Ion:117 Resp: 409935

Ion Ratio Lower Upper

117 100

82 59.8 46.5 69.7

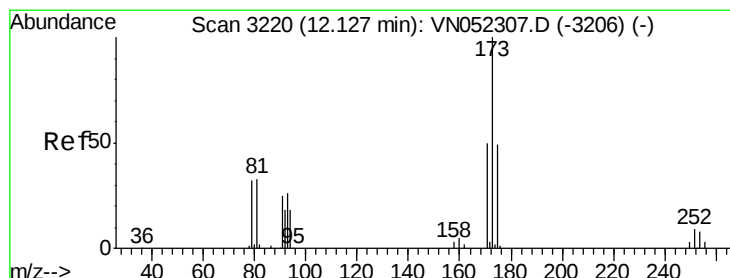
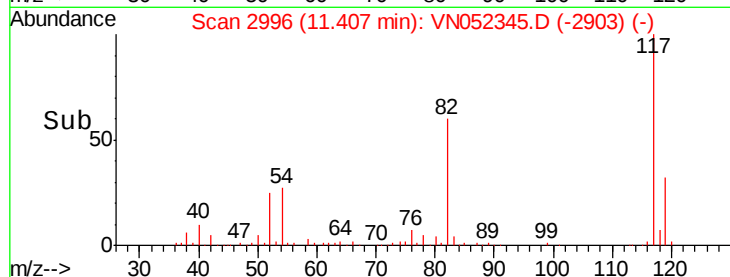
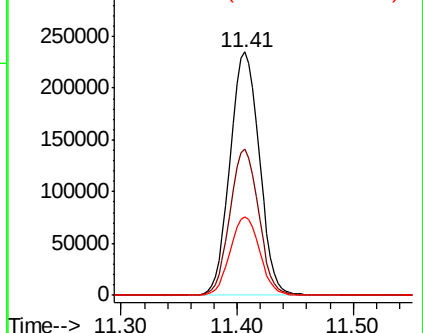
119 32.3 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#71

Bromoform

Concen: 0.649 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN052345.D

Acq: 15 Nov 2018 16:40

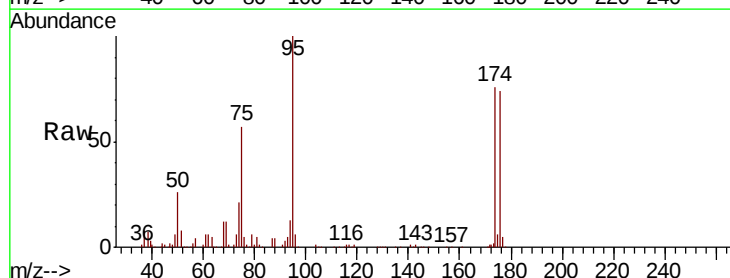
Tgt Ion:173 Resp: 1132

Ion Ratio Lower Upper

173 100

175 812.1 25.0 75.0#

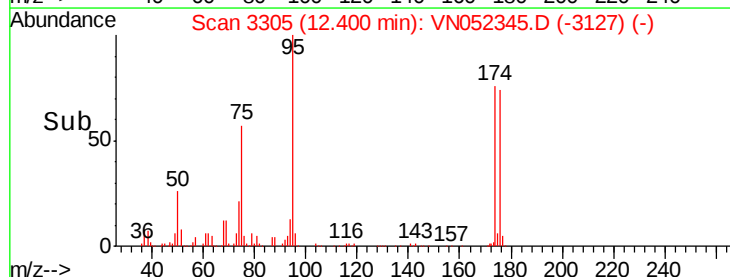
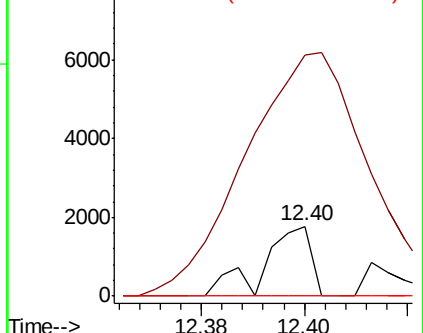
254 0.0 0.0 0.0

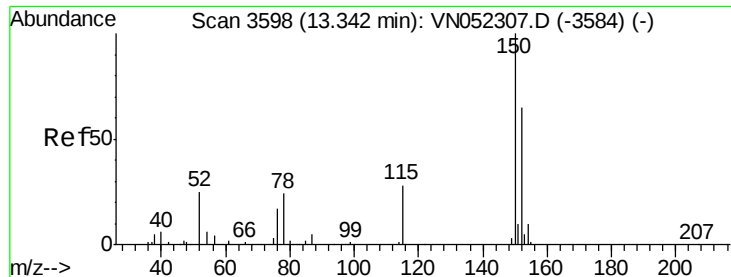


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



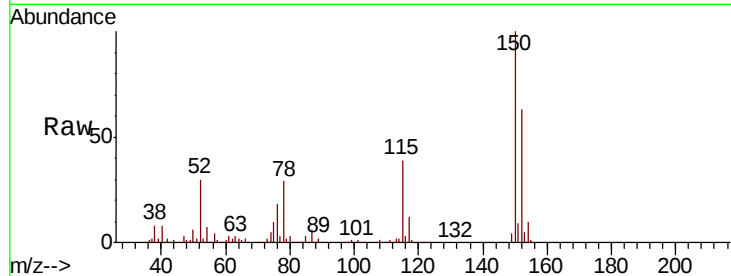


#72

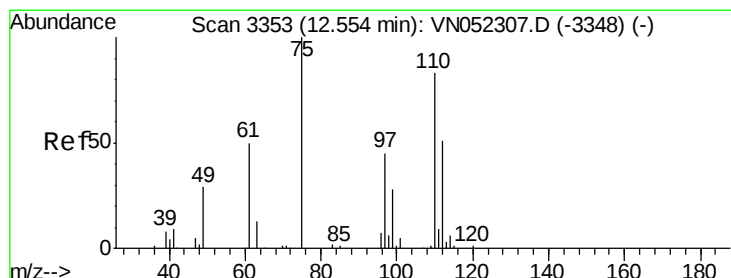
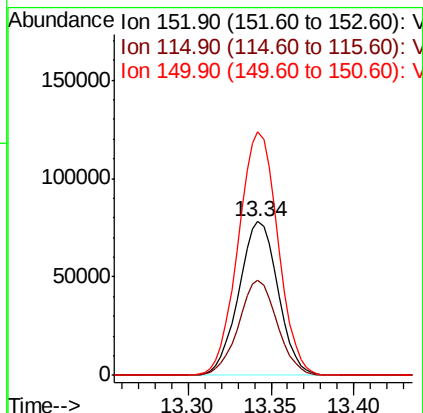
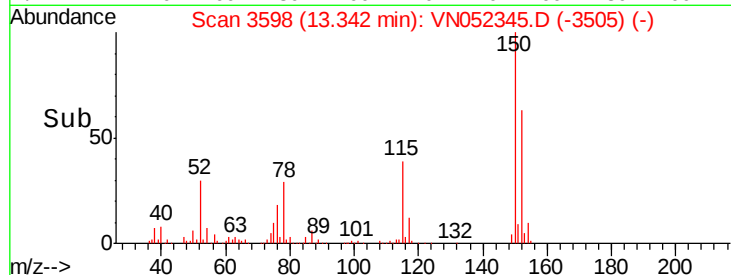
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN052345.D
Acq: 15 Nov 2018 16:40

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	61.2	30.3	91.0
150	160.3	0.0	348.2



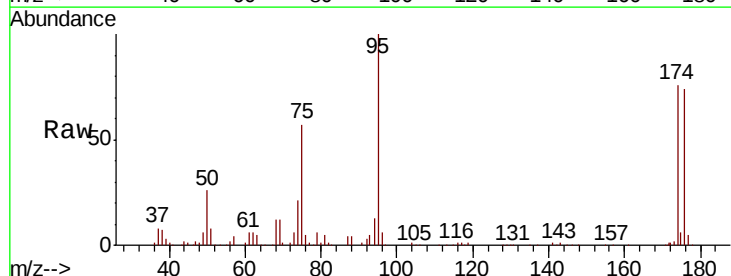
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



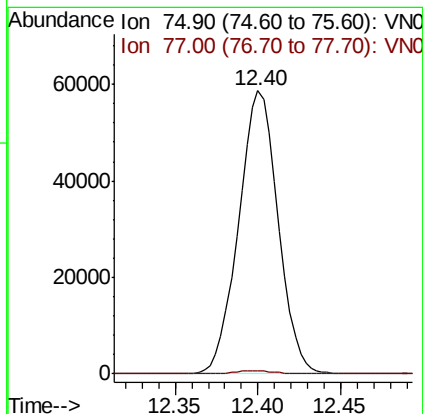
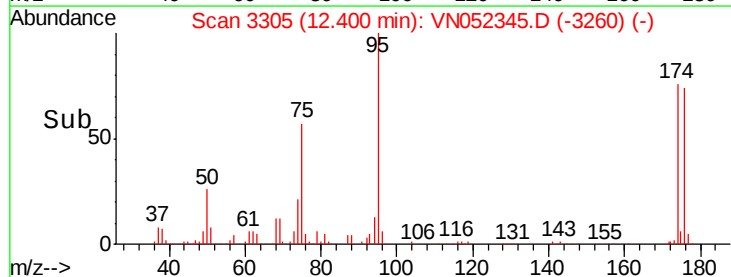
#76

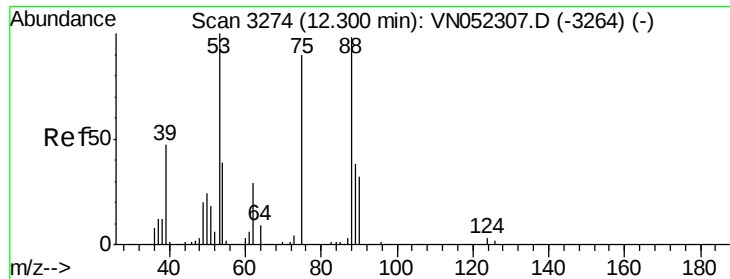
1,2,3-Trichloropropane
Concen: 44.505 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN052345.D
Acq: 15 Nov 2018 16:40

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#



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





#81

trans-1,4-Dichloro-2-butene

Concen: 144.346 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN052345.D

Acq: 15 Nov 2018 16:40

Instrument :

MSVOA_N

ClientSampleId :

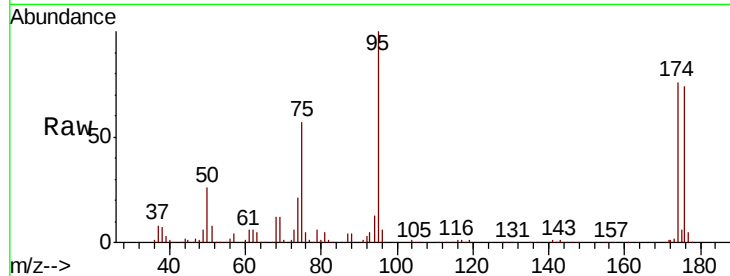
Tot Ion: 75 Resp: 96791

Ion Ratio Lower Upper

75 100

53 0.0 90.2 135.2#

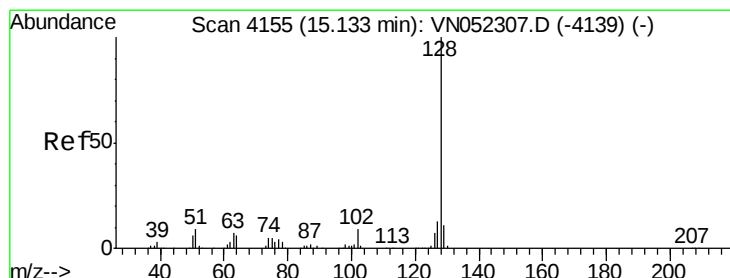
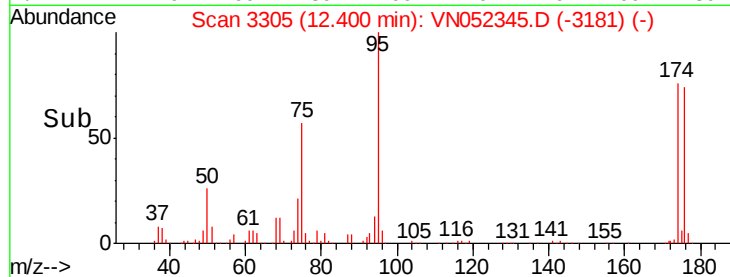
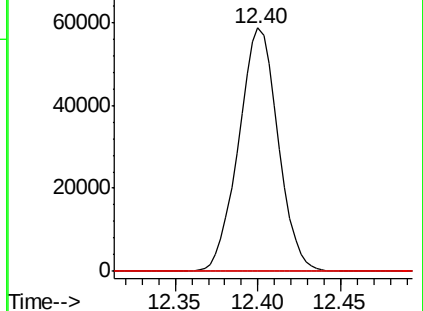
89 0.0 35.4 53.0#



Abundance Ion 74.90 (74.60 to 75.60): VN052307.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN052307.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN052307.D (-3264) (-)



#95

Naphthalene

Concen: 2.635 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN052345.D

Acq: 15 Nov 2018 16:40

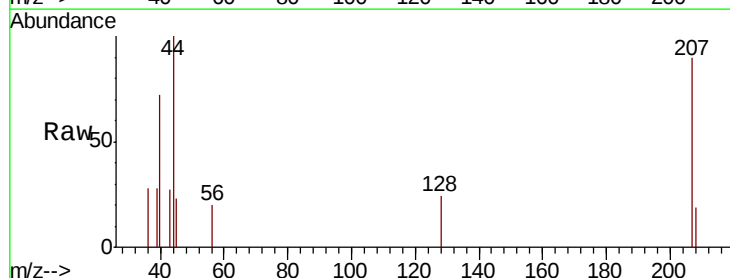
Tgt Ion: 128 Resp: 145

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): VN052307.D (-4139) (-)

Ion 127.00 (126.70 to 127.70): VN052307.D (-4139) (-)

Ion 129.00 (128.70 to 129.70): VN052307.D (-4139) (-)

