

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091818\
 Data File : VN051303.D
 Acq On : 18 Sep 2018 17:28
 Operator : MD\SY
 Sample : J4942-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RB32727RT

Quant Time: Sep 19 01:20:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 18 06:04:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	406565	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	642699	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	518848	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	160711	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	233368	52.82	ug/l	0.00
Spiked Amount			Recovery	=	105.64%	
35) Dibromofluoromethane	7.59	113	245900	49.24	ug/l	0.00
Spiked Amount			Recovery	=	98.48%	
50) Toluene-d8	10.09	98	830073	44.96	ug/l	0.00
Spiked Amount			Recovery	=	89.92%	
62) 4-Bromofluorobenzene	12.40	95	216089	36.80	ug/l	0.00
Spiked Amount			Recovery	=	73.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2009	Below Cal	#	81
5) Bromomethane	2.57	94	1813	1.098	ug/l #	73
14) Allyl chloride	4.56	41	2963	0.488	ug/l #	26
16) Acetone	3.82	43	30463	22.288	ug/l	95
17) Carbon Disulfide	4.06	76	1076	Below Cal	#	75
18) Methyl Acetate	4.34	43	12000	3.300	ug/l	93
20) Methylene Chloride	4.56	84	82127	16.982	ug/l	97
25) 2-Butanone	6.85	43	4860	3.434	ug/l	93
28) Bromochloromethane	7.37	49	811	0.234	ug/l #	6
29) Tetrahydrofuran	7.22	42	734	0.839	ug/l #	44
30) Chloroform	7.38	83	13655	1.699	ug/l	97
31) Cyclohexane	7.67	56	6681	0.871	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	26529	3.813	ug/l #	48
38) Carbon Tetrachloride	7.67	117	35156	4.846	ug/l #	17
43) Isopropyl Acetate	8.17	43	301186	48.669	ug/l #	88
47) Bromodichloromethane	9.41	83	3467	0.509	ug/l #	92
48) Methyl methacrylate	9.18	41	6393	2.145	ug/l #	16
51) 4-Methyl-2-Pentanone	9.99	43	2451	0.768	ug/l	97
52) Toluene	10.16	92	2937	0.237	ug/l	81
54) cis-1,3-Dichloropropene	9.91	75	1713	0.224	ug/l #	70
56) Ethyl methacrylate	10.23	69	1596	2.338	ug/l #	64
59) 2-Hexanone	10.77	43	11784	5.605	ug/l #	61
68) m/p-Xylenes	11.62	106	1883	0.237	ug/l	93
70) Styrene	11.97	104	797	1.302	ug/l #	83
76) 1,2,3-Trichloropropane	12.40	75	96491	43.561	ug/l #	100
77) Bromobenzene	12.54	156	112	Below Cal	#	1
80) 1,3,5-Trimethylbenzene	12.74	105	2810	0.259	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.40	75	96491	133.350	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	4320	0.411	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	63	0.422	ug/l #	26
89) n-Butylbenzene	13.61	91	660	2.093	ug/l #	58
90) Hexachloroethane	13.89	117	626	Below Cal	#	1
91) 1,2-Dichlorobenzene	13.36	146	63	Below Cal	#	25
95) Naphthalene	15.13	128	37652	12.524	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091818\
Data File : VN051303.D
Acq On : 18 Sep 2018 17:28
Operator : MD\SY
Sample : J4942-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
RB32727RT

Quant Time: Sep 19 01:20:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091718W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 18 06:04:06 2018
Response via : Initial Calibration

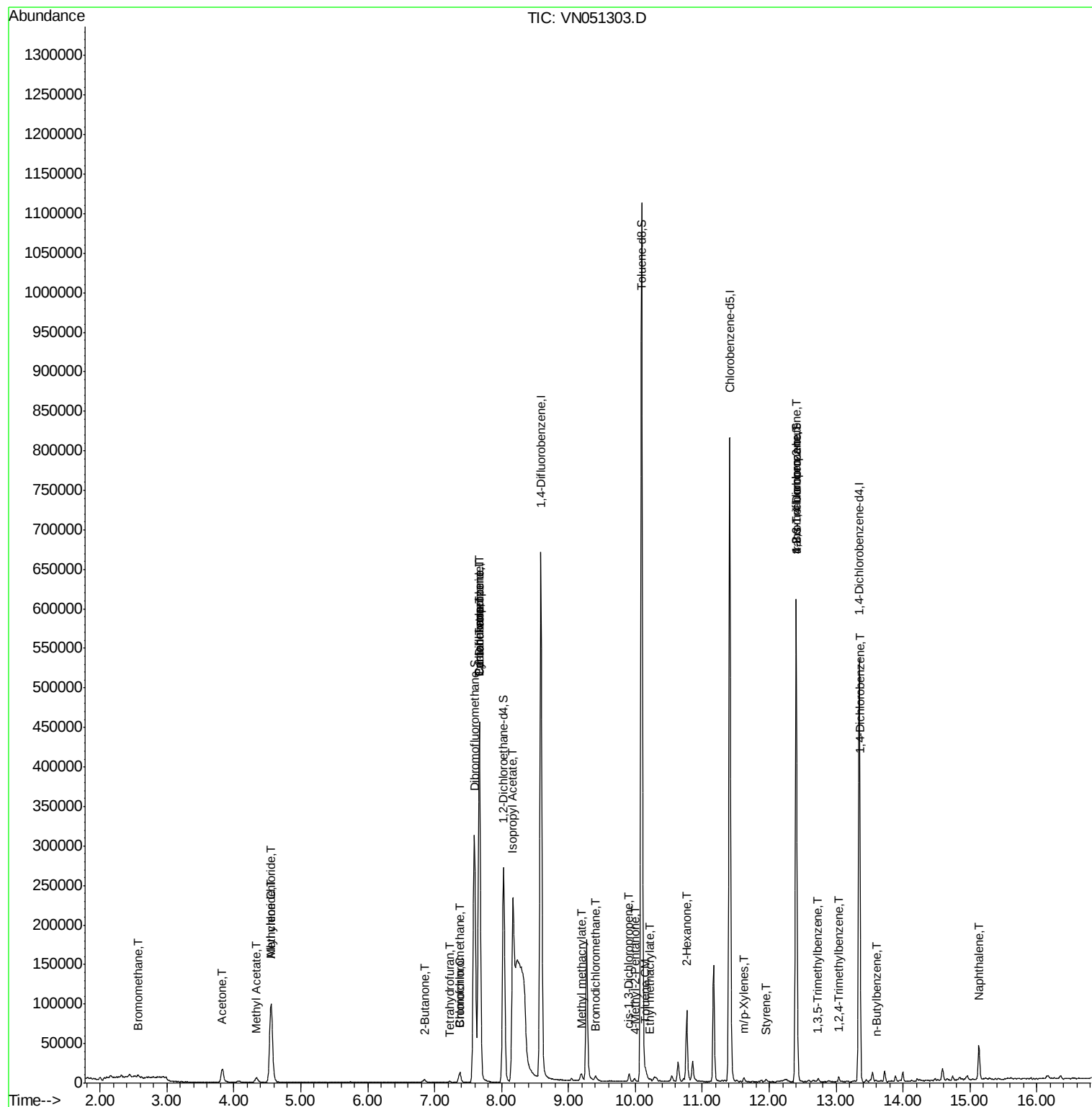
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----	-----

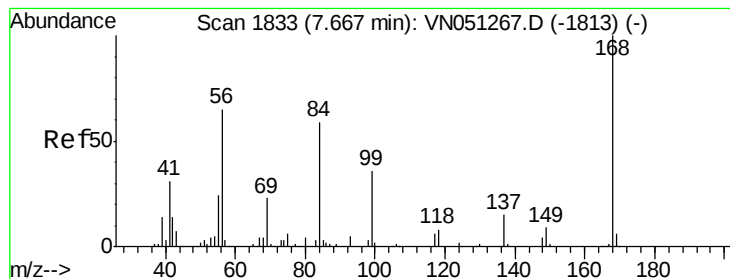
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091818\
Data File : VN051303.D
Acq On : 18 Sep 2018 17:28
Operator : MD\SY
Sample : J4942-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
RB32727RT

Quant Time: Sep 19 01:20:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091718W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 18 06:04:06 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051303.D

Acq: 18 Sep 2018 17:28

Instrument :

MSVOA_N

ClientSampleId :

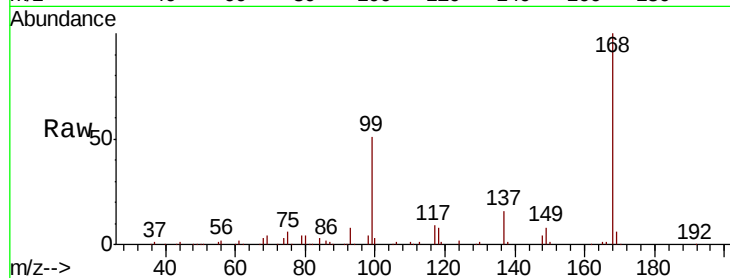
RB32727RT

Tgt Ion:168 Resp: 406565

Ion Ratio Lower Upper

168 100

99 50.8 38.2 57.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

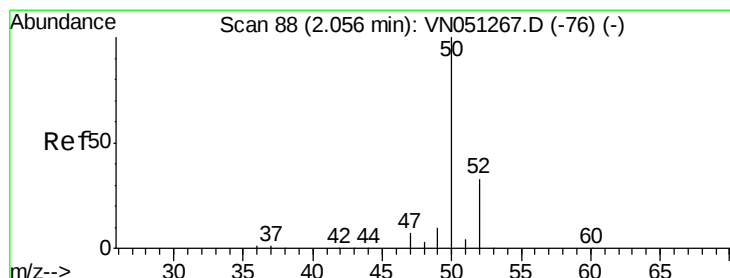
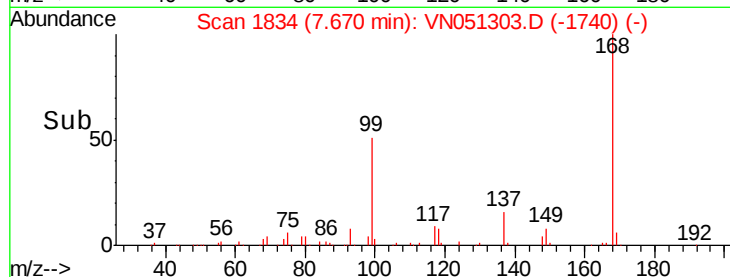
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN051303.D

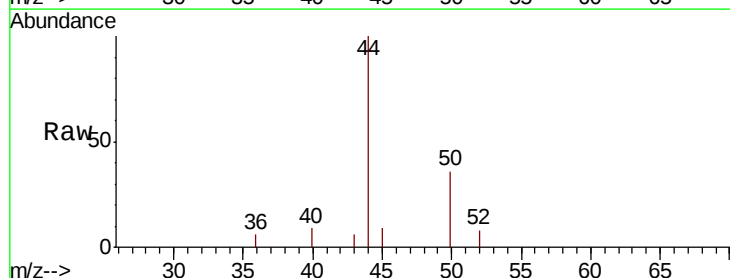
Acq: 18 Sep 2018 17:28

Tgt Ion: 50 Resp: 2009

Ion Ratio Lower Upper

50 100

52 22.8 26.6 40.0#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.06

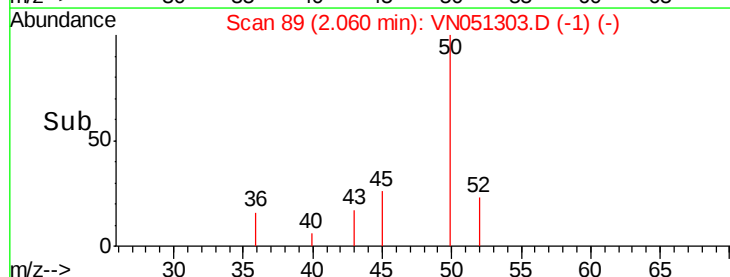
1500

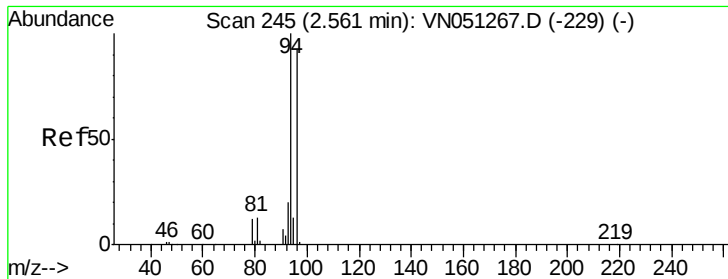
1000

500

0

Time-->





#5

Bromomethane

Concen: 1.098 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN051303.D

Acq: 18 Sep 2018 17:28

Instrument :

MSVOA_N

ClientSampleId :

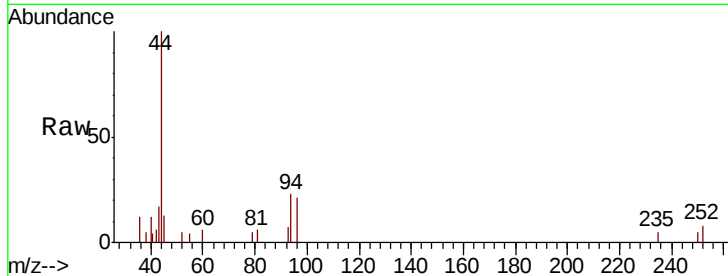
RB32727RT

Tgt Ion: 94 Resp: 1813

Ion Ratio Lower Upper

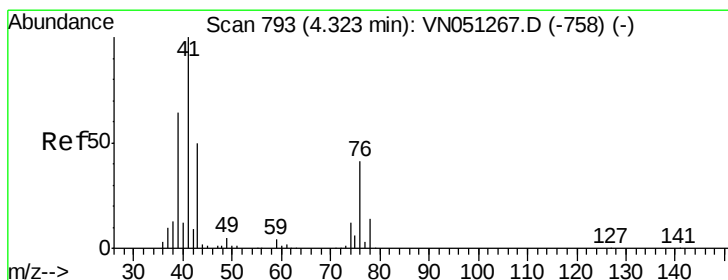
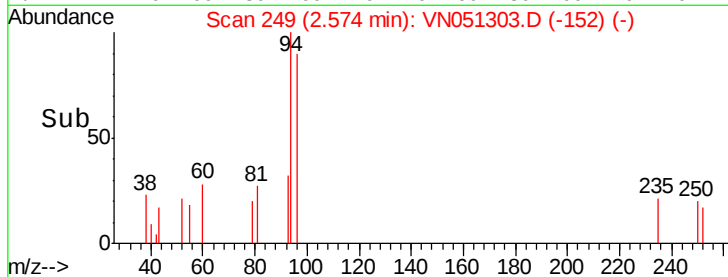
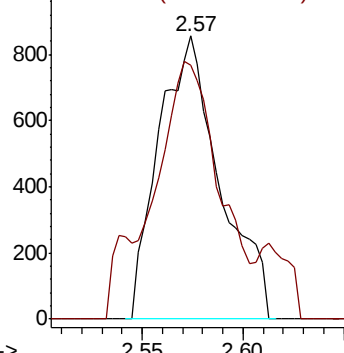
94 100

96 66.2 73.8 110.8#



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#14

Allyl chloride

Concen: 0.488 ug/l

RT: 4.56 min Scan# 867

Delta R.T. 0.24 min

Lab File: VN051303.D

Acq: 18 Sep 2018 17:28

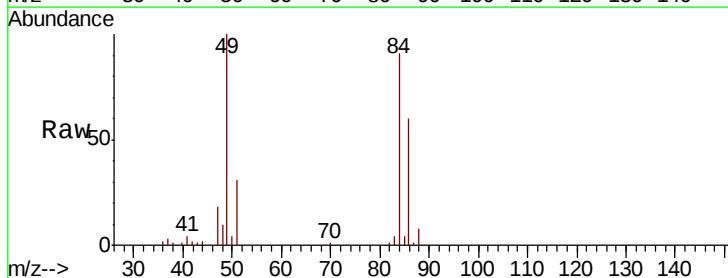
Tgt Ion: 41 Resp: 2963

Ion Ratio Lower Upper

41 100

39 0.0 49.0 73.4#

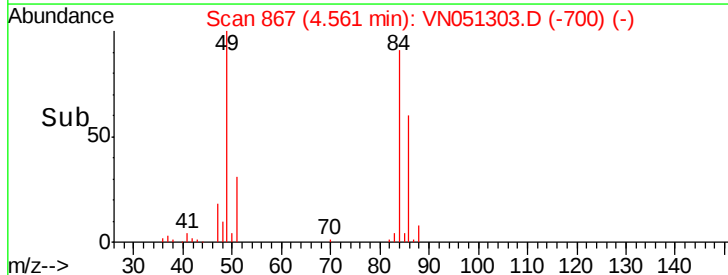
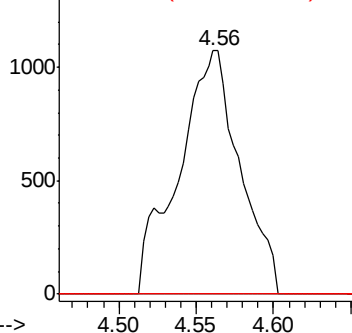
76 0.0 31.4 47.0#

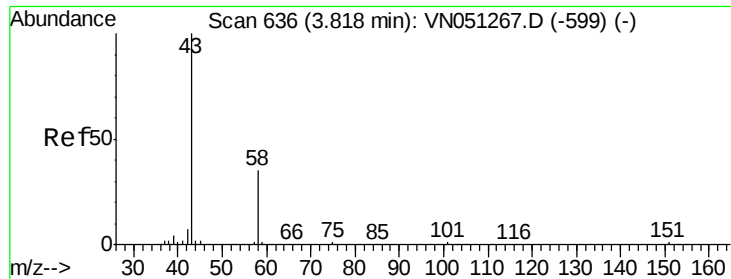


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO





#16

Acetone

Concen: 22.288 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051303.D

Acq: 18 Sep 2018 17:28

Instrument :

MSVOA_N

ClientSampleId :

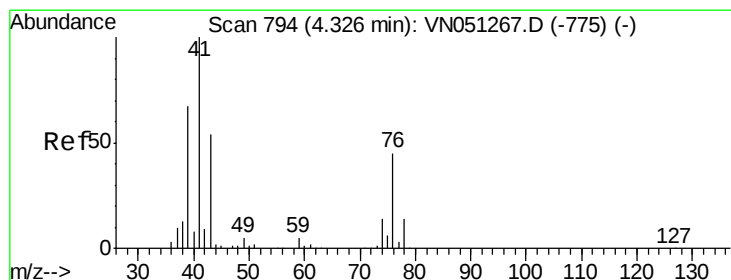
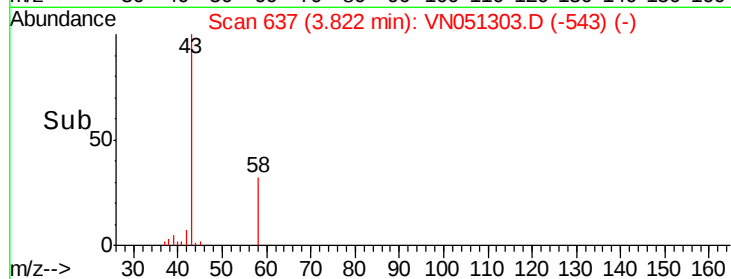
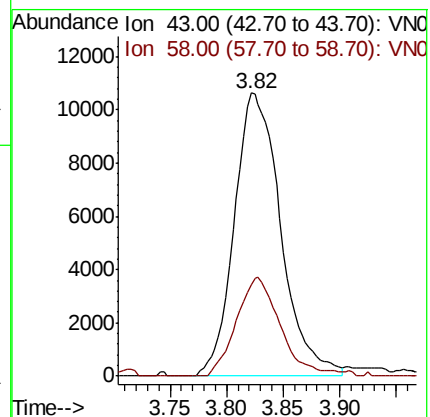
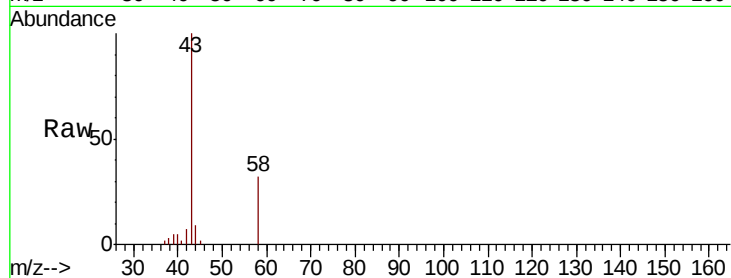
RB32727RT

Tgt Ion: 43 Resp: 30463

Ion Ratio Lower Upper

43 100

58 32.2 28.2 42.2



#18

Methyl Acetate

Concen: 3.300 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN051303.D

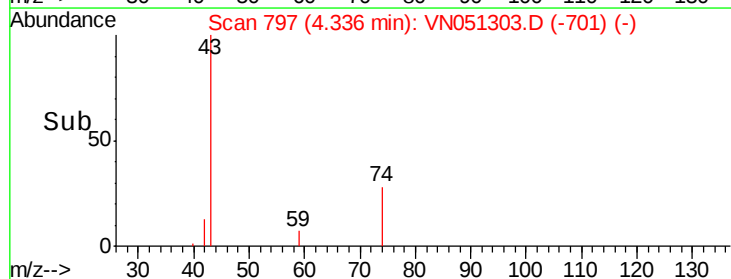
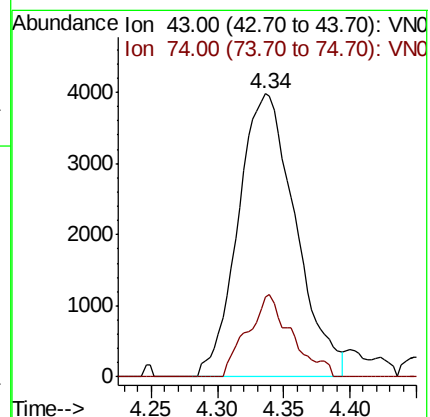
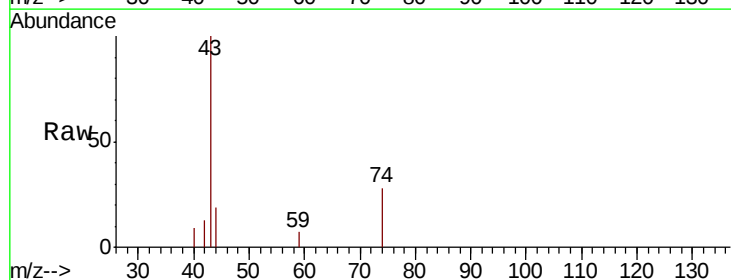
Acq: 18 Sep 2018 17:28

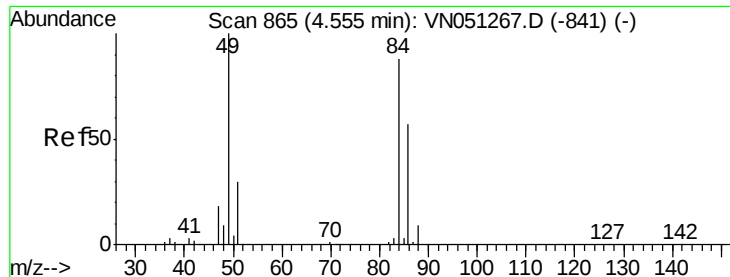
Tgt Ion: 43 Resp: 12000

Ion Ratio Lower Upper

43 100

74 22.6 20.8 31.2

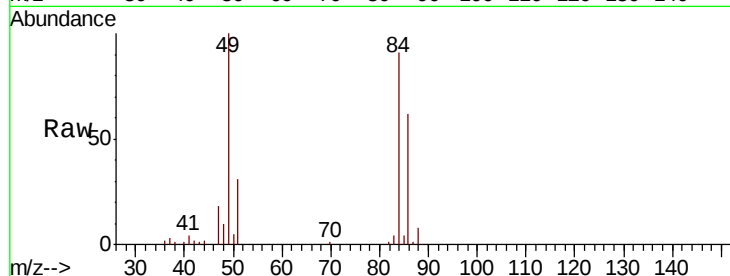




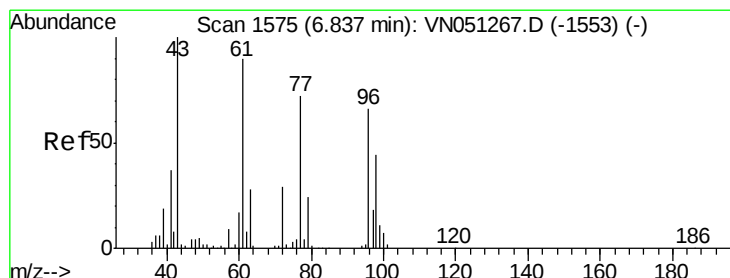
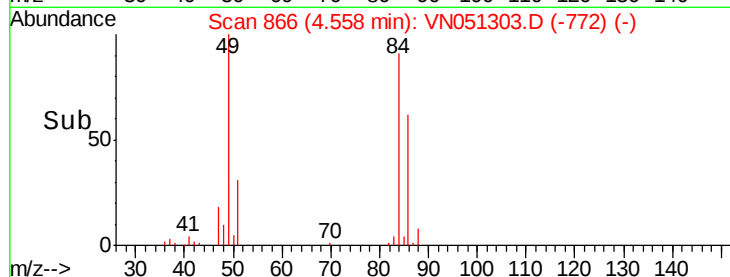
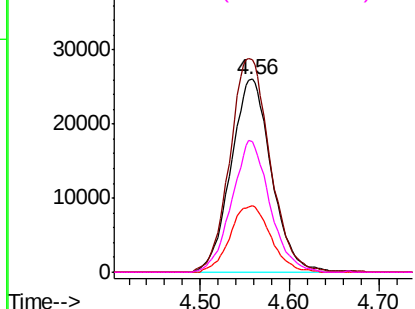
#20
Methylene Chloride
Concen: 16.982 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN051303.D
Acq: 18 Sep 2018 17:28

Instrument :
MSVOA_N
ClientSampled :
RB32727RT

Tgt Ion: 84 Resp: 82127
Ion Ratio Lower Upper
84 100
49 110.0 91.2 136.8
51 34.4 27.7 41.5
86 67.8 52.0 78.0

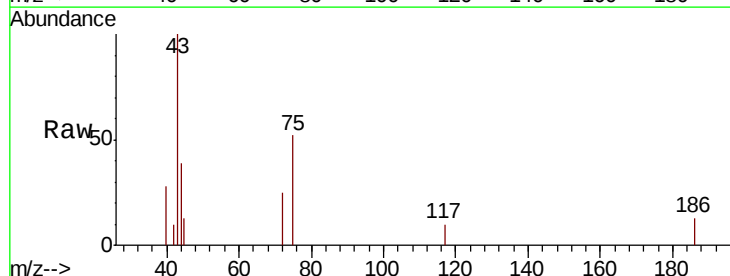


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

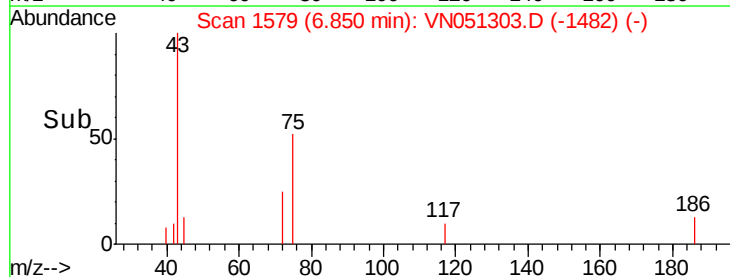
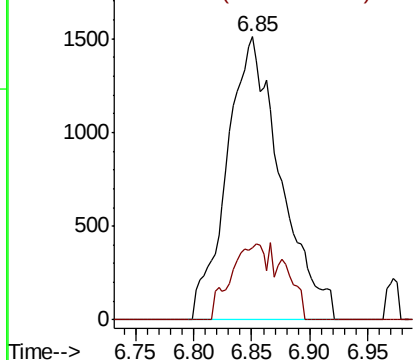


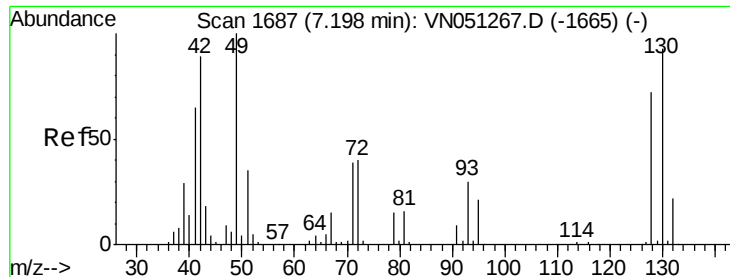
#25
2-Butanone
Concen: 3.434 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VN051303.D
Acq: 18 Sep 2018 17:28

Tgt Ion: 43 Resp: 4860
Ion Ratio Lower Upper
43 100
72 25.4 23.4 35.0



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0

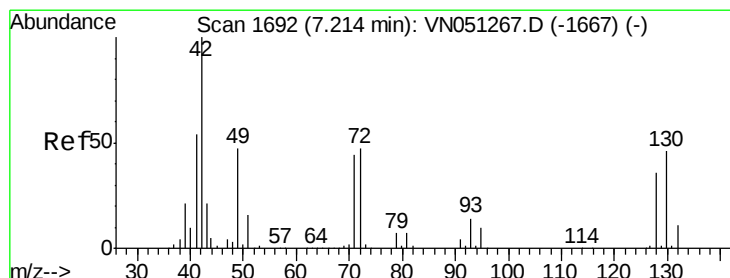
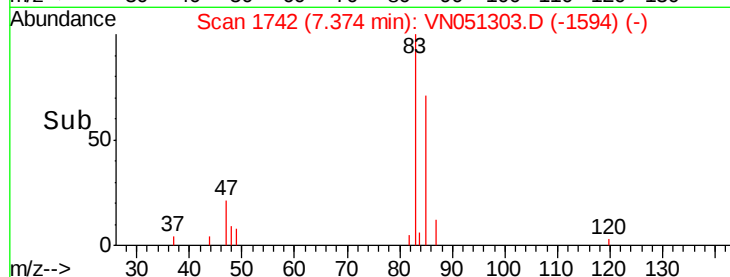
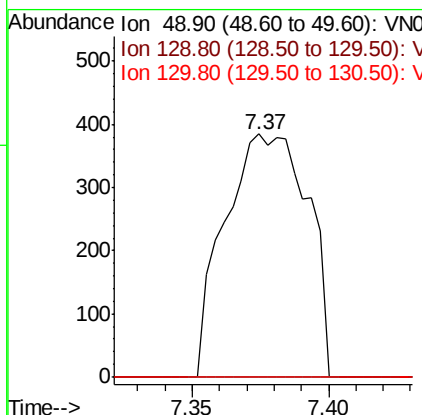
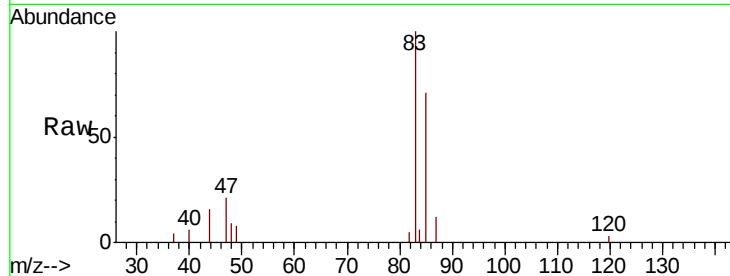




#28
 Bromochloromethane
 Concen: 0.234 ug/l
 RT: 7.37 min Scan# 1742
 Delta R.T. 0.18 min
 Lab File: VN051303.D
 Acq: 18 Sep 2018 17:28

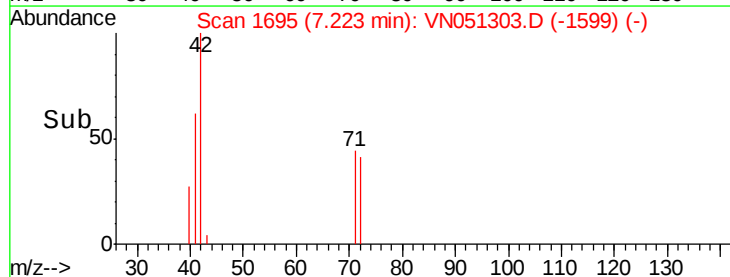
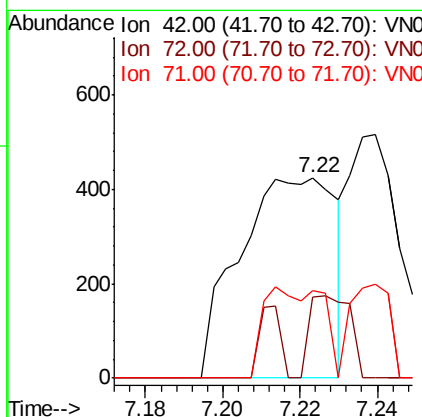
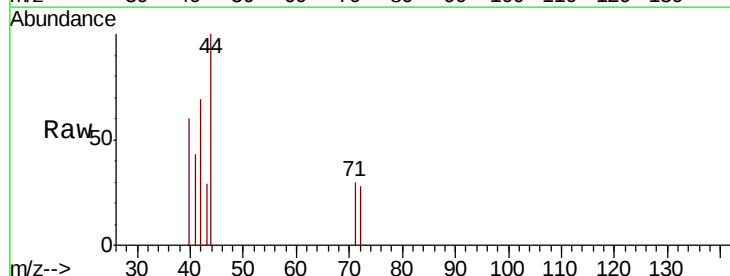
Instrument :
 MSVOA_N
 ClientSampled :
 RB32727RT

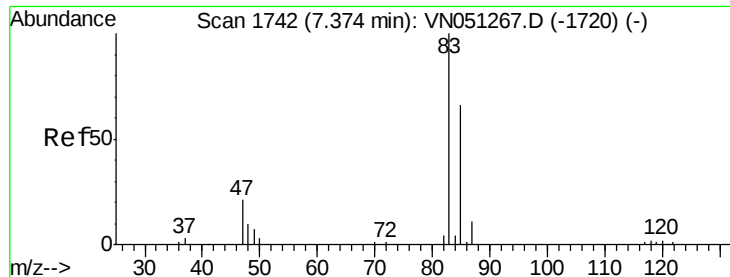
Tgt Ion: 49 Resp: 811
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.6
 130 0.0 73.7 110.5#



#29
 Tetrahydrofuran
 Concen: 0.839 ug/l
 RT: 7.22 min Scan# 1695
 Delta R.T. 0.01 min
 Lab File: VN051303.D
 Acq: 18 Sep 2018 17:28

Tgt Ion: 42 Resp: 734
 Ion Ratio Lower Upper
 42 100
 72 17.4 37.6 56.4#
 71 0.0 35.4 53.2#

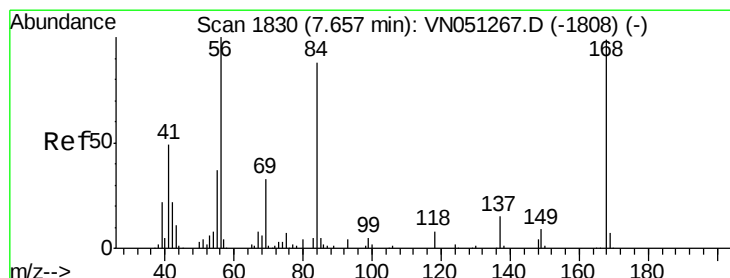
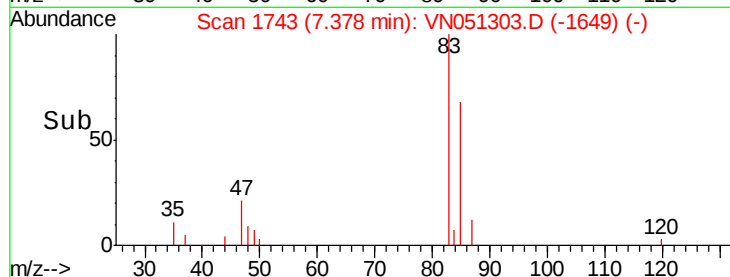
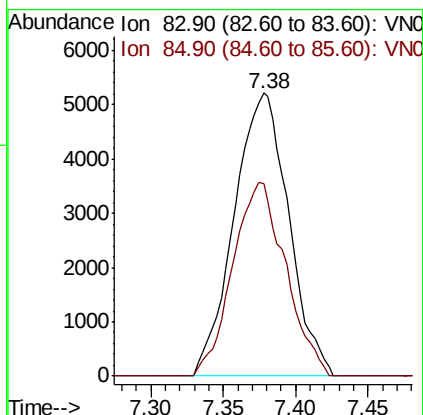
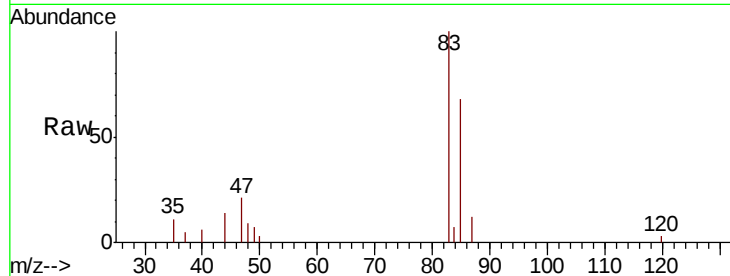




#30
Chloroform
Concen: 1.699 ug/l
RT: 7.38 min Scan# 1743
Delta R.T. 0.00 min
Lab File: VN051303.D
Acq: 18 Sep 2018 17:28

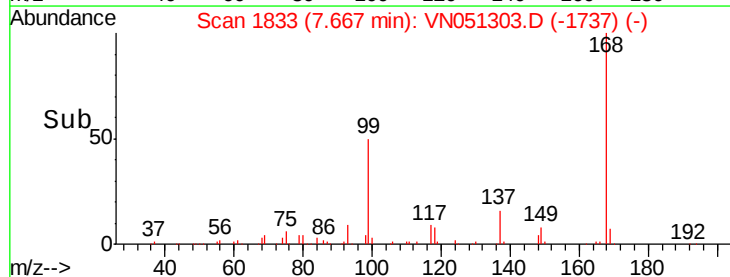
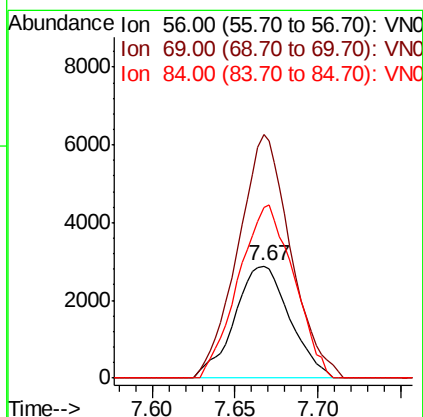
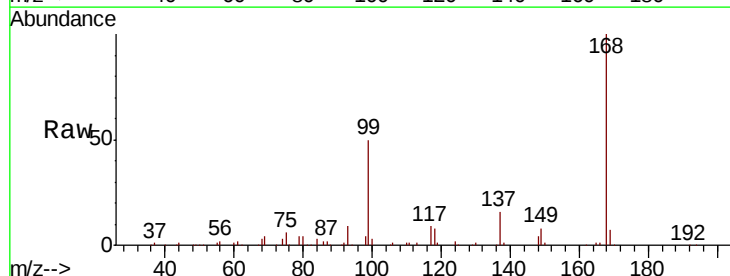
Instrument :
MSVOA_N
ClientSampleId :
RB32727RT

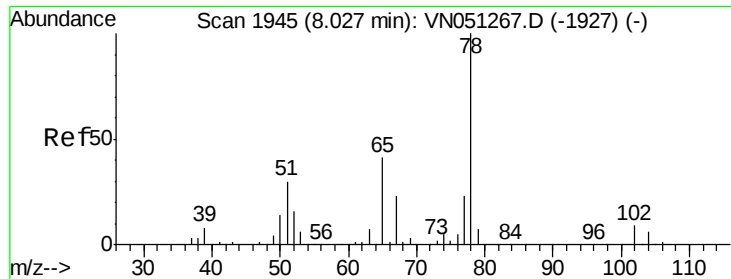
Tgt Ion: 83 Resp: 13655
Ion Ratio Lower Upper
83 100
85 68.2 52.4 78.6



#31
Cyclohexane
Concen: 0.871 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN051303.D
Acq: 18 Sep 2018 17:28

Tgt Ion: 56 Resp: 6681
Ion Ratio Lower Upper
56 100
69 216.7 26.2 39.2#
84 152.5 70.6 106.0#

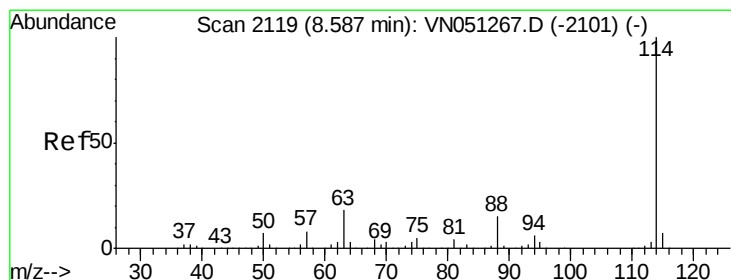
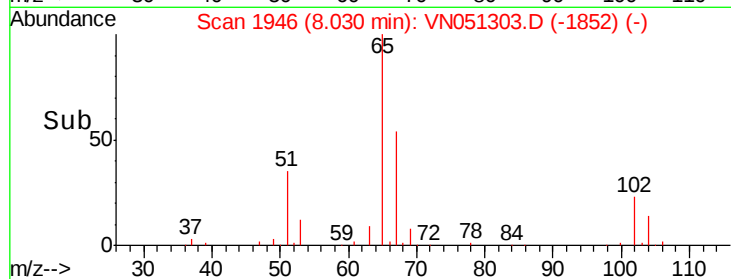
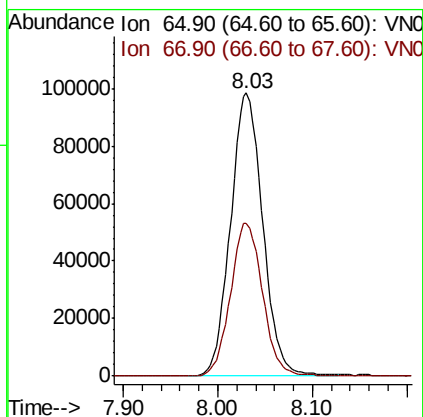
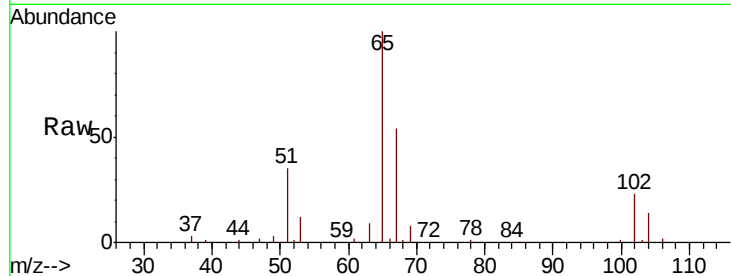




#33
 1,2-Dichloroethane-d4
 Concen: 52.816 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051303.D
 Acq: 18 Sep 2018 17:28

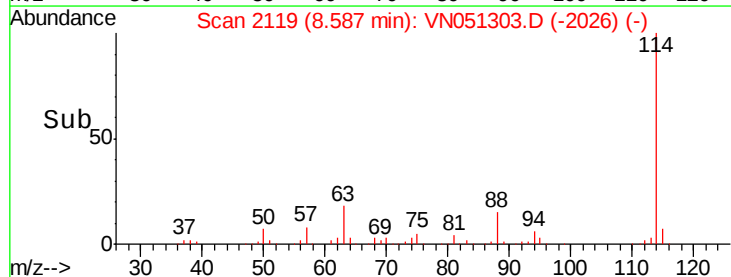
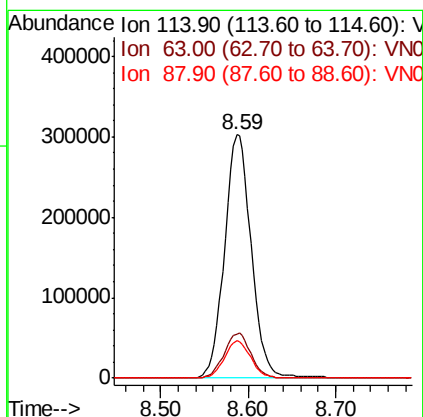
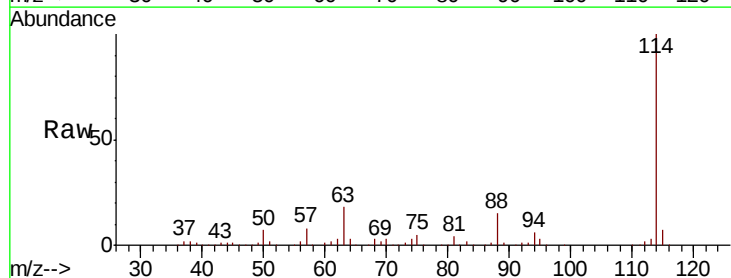
Instrument :
 MSVOA_N
 ClientSampled :
 RB32727RT

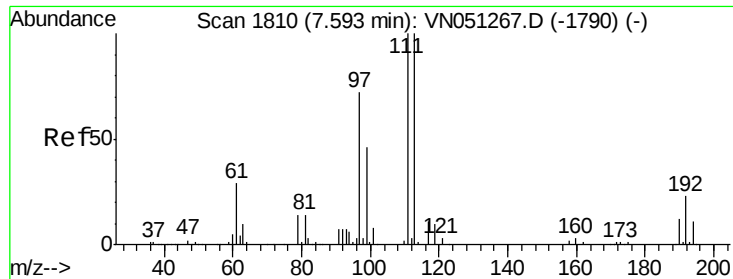
Tgt Ion: 65 Resp: 233368
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051303.D
 Acq: 18 Sep 2018 17:28

Tgt Ion: 114 Resp: 642699
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 36.8
 88 15.2 0.0 30.8

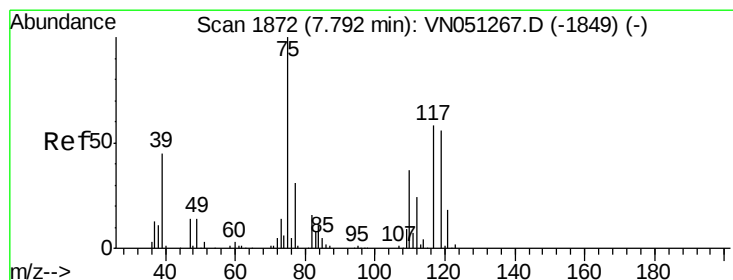
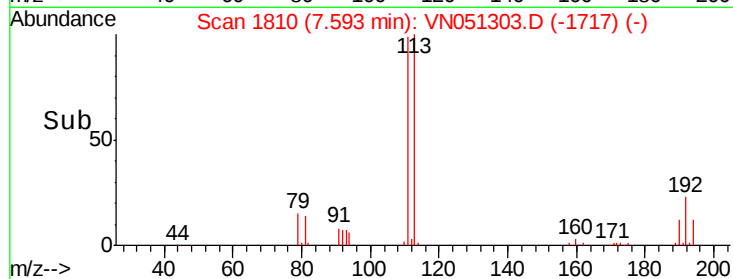
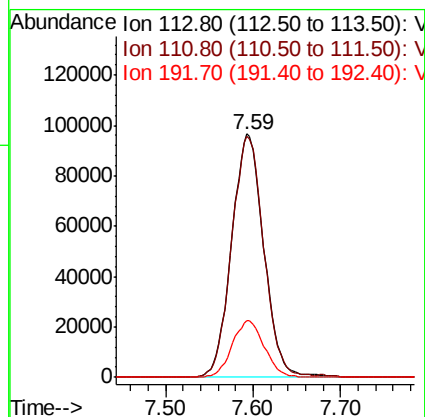
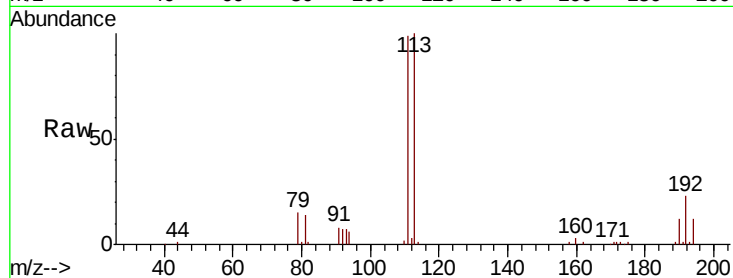




#35
 Dibromofluoromethane
 Concen: 49.236 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051303.D
 Acq: 18 Sep 2018 17:28

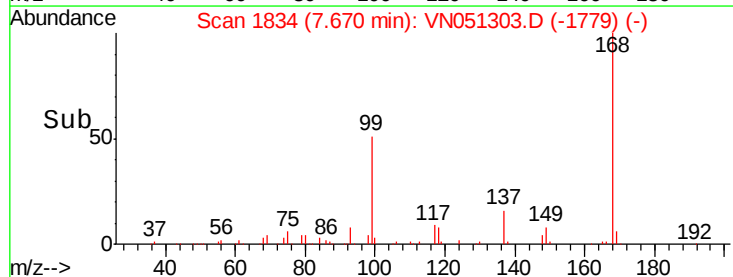
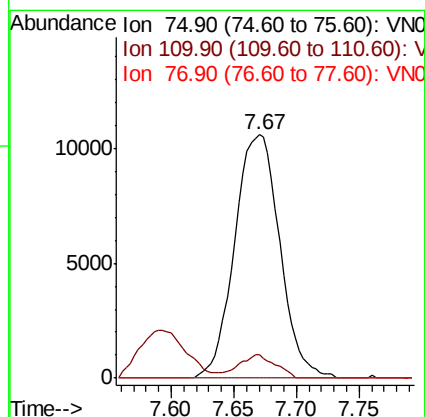
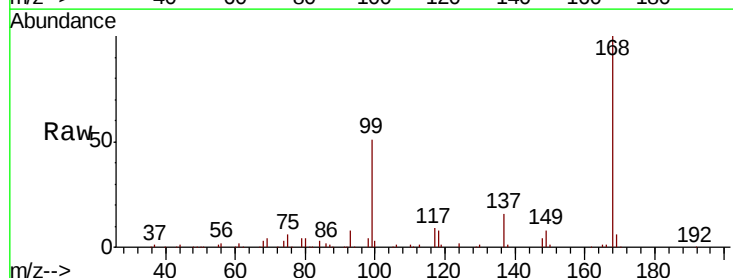
Instrument :
 MSVOA_N
 ClientSampleId :
 RB32727RT

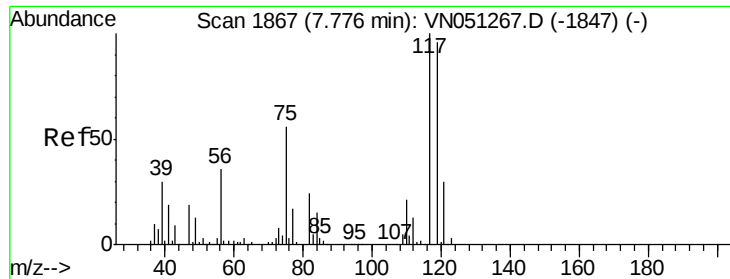
Tgt Ion	Ratio	Resp	Lower	Upper
113	100	245900		
111	99.2	82.2	123.4	
192	23.3	19.0	28.6	



#36
 1,1-Dichloropropene
 Concen: 3.813 ug/l
 RT: 7.67 min Scan# 1834
 Delta R.T. -0.12 min
 Lab File: VN051303.D
 Acq: 18 Sep 2018 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	26529		
110	7.9	18.6	56.0#	
77	0.0	24.7	37.1#	





#38

Carbon Tetrachloride

Concen: 4.846 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN051303.D

Acq: 18 Sep 2018 17:28

Instrument :

MSVOA_N

ClientSampleId :

RB32727RT

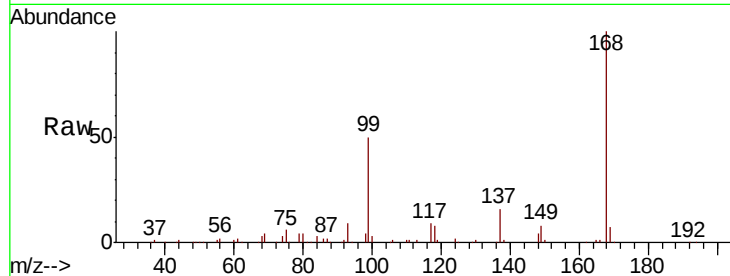
Tgt Ion:117 Resp: 35156

Ion Ratio Lower Upper

117 100

119 6.9 76.8 115.2#

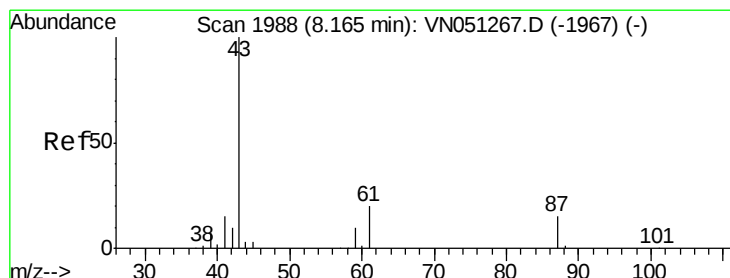
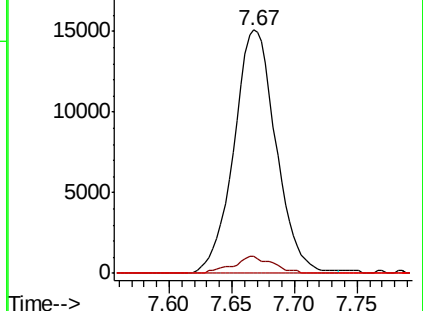
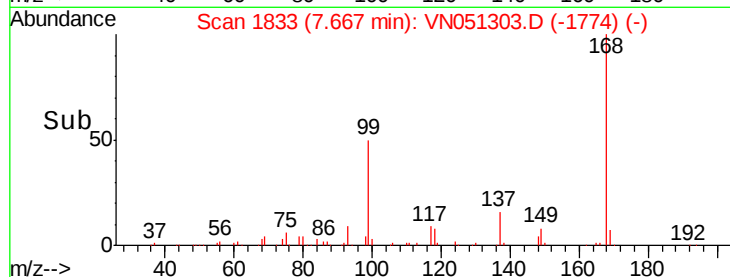
121 0.0 24.2 36.2#



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



#43

Isopropyl Acetate

Concen: 48.669 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051303.D

Acq: 18 Sep 2018 17:28

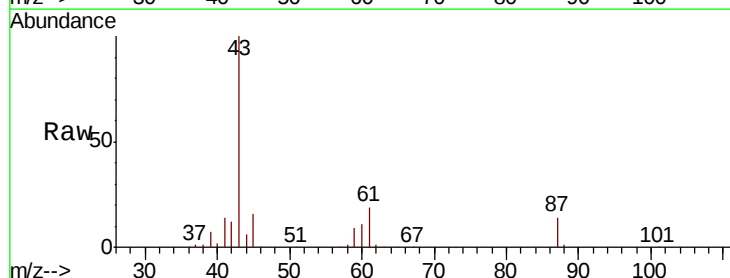
Tgt Ion: 43 Resp: 301186

Ion Ratio Lower Upper

43 100

61 16.1 17.4 26.2#

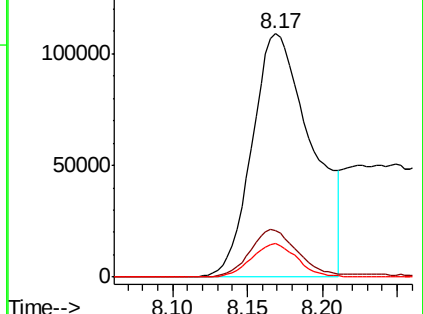
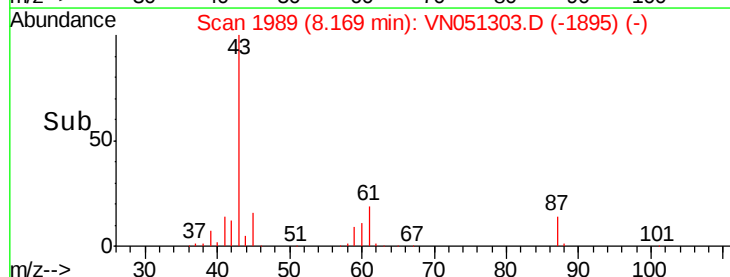
87 10.7 12.2 18.4#

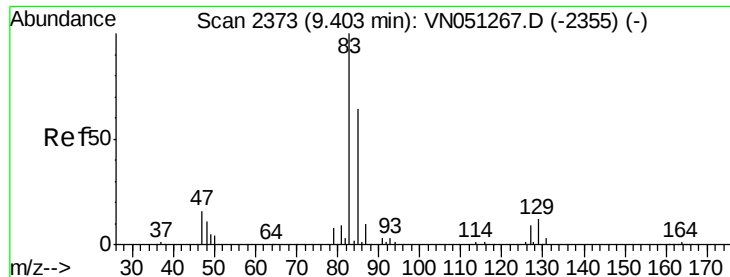


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#47

Bromodichloromethane

Concen: 0.509 ug/l

RT: 9.41 min Scan# 2374

Delta R.T. 0.00 min

Lab File: VN051303.D

Acq: 18 Sep 2018 17:28

Instrument :

MSVOA_N

ClientSampleId :

RB32727RT

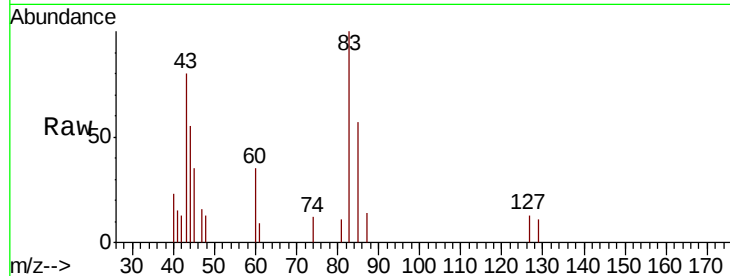
Tgt Ion: 83 Resp: 3467

Ion Ratio Lower Upper

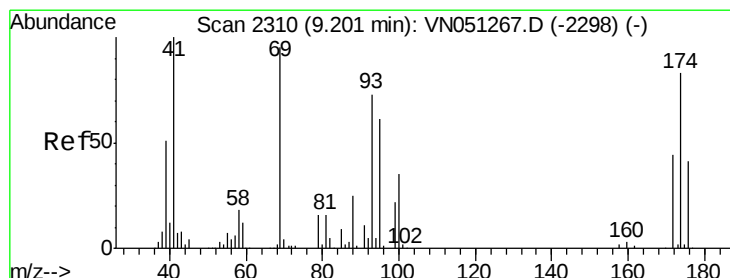
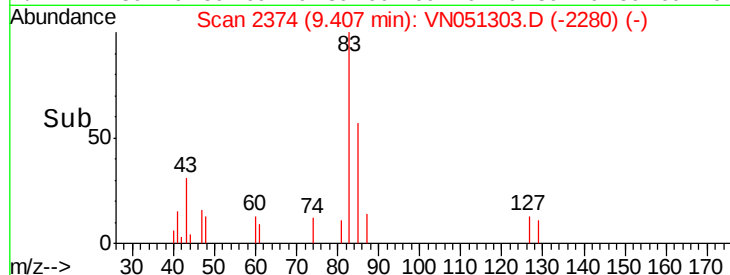
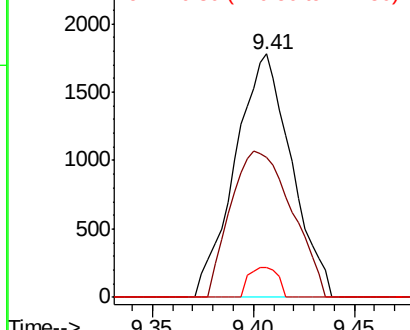
83 100

85 57.2 51.0 76.4

127 12.5 7.1 10.7#



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO



#48

Methyl methacrylate

Concen: 2.145 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.02 min

Lab File: VN051303.D

Acq: 18 Sep 2018 17:28

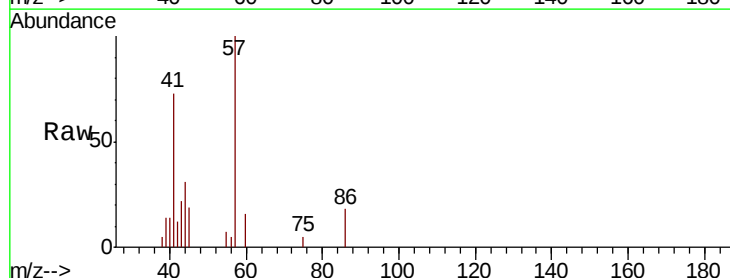
Tgt Ion: 41 Resp: 6393

Ion Ratio Lower Upper

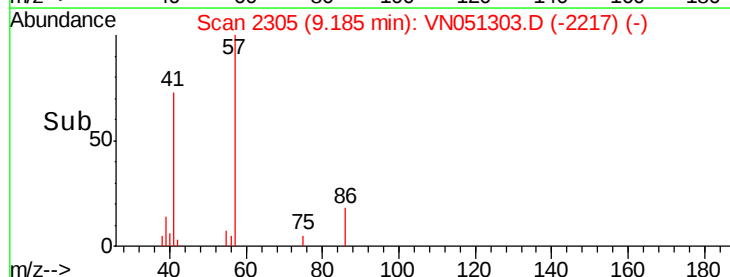
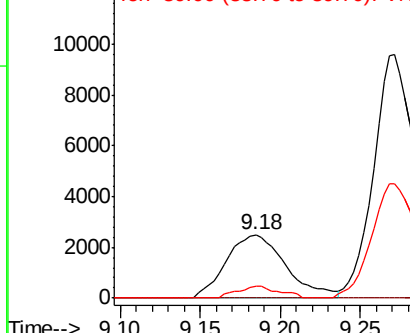
41 100

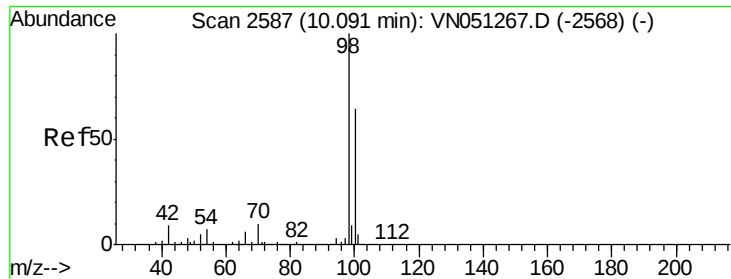
69 0.0 78.9 118.3#

39 13.2 42.2 63.2#



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO





#50

Toluene-d8

Concen: 44.965 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051303.D

Acq: 18 Sep 2018 17:28

Instrument :

MSVOA_N

ClientSampleId :

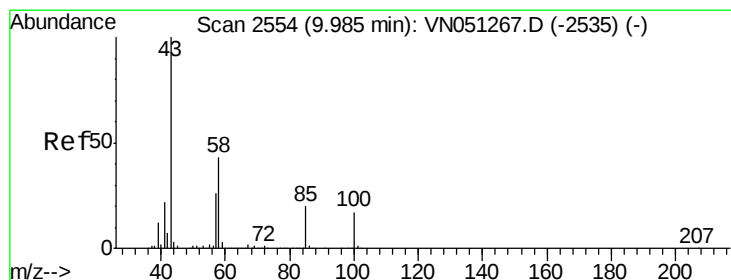
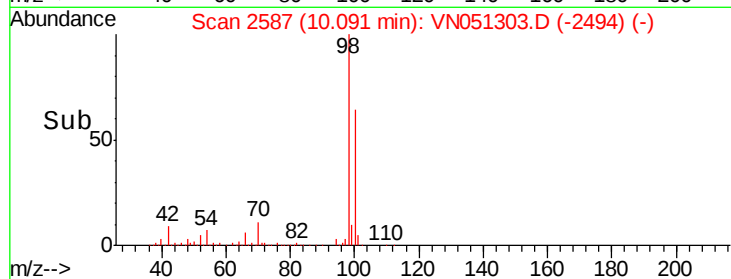
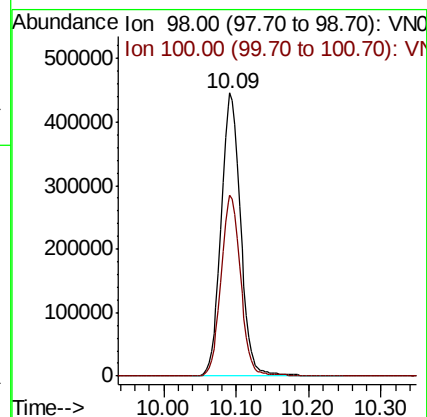
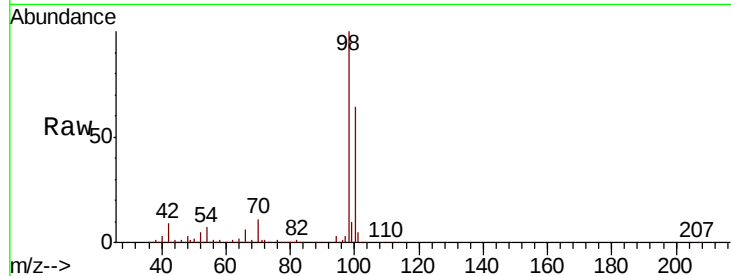
RB32727RT

Tgt Ion: 98 Resp: 830073

Ion Ratio Lower Upper

98 100

100 64.3 51.6 77.4



#51

4-Methyl-2-Pentanone

Concen: 0.768 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN051303.D

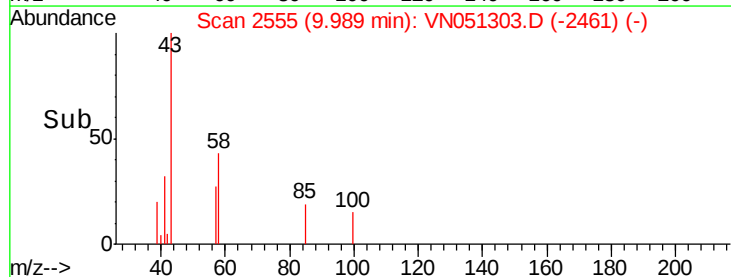
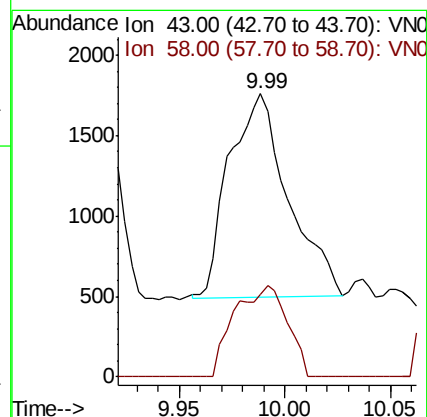
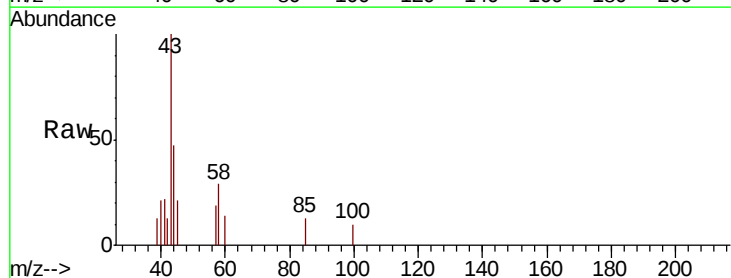
Acq: 18 Sep 2018 17:28

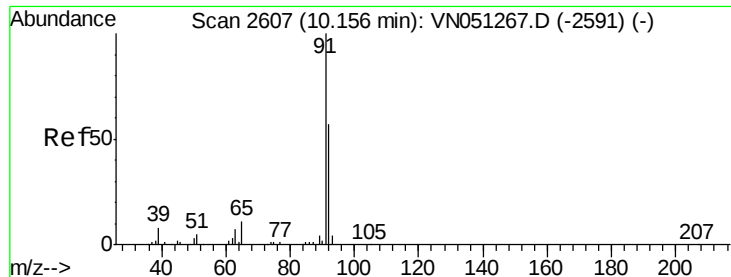
Tgt Ion: 43 Resp: 2451

Ion Ratio Lower Upper

43 100

58 40.2 33.8 50.6





#52

Toluene

Concen: 0.237 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN051303.D

Acq: 18 Sep 2018 17:28

Instrument :

MSVOA_N

ClientSampled :

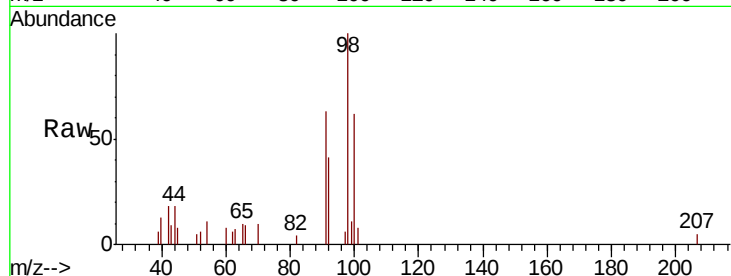
RB32727RT

Tgt Ion: 92 Resp: 2937

Ion Ratio Lower Upper

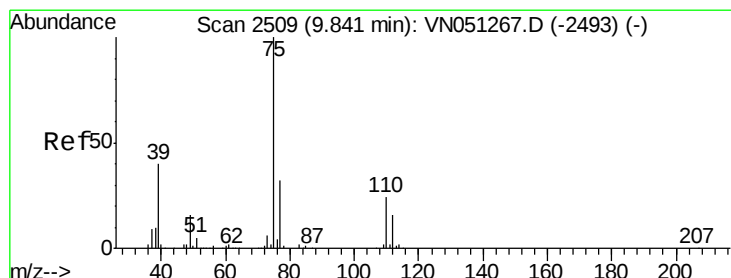
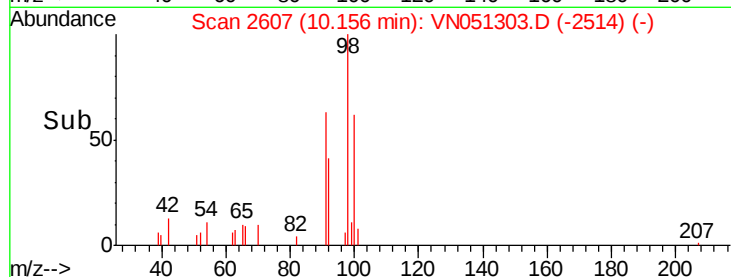
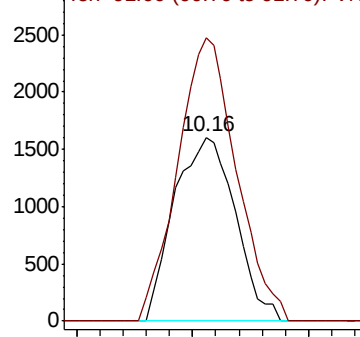
92 100

91 148.1 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 0.224 ug/l

RT: 9.91 min Scan# 2530

Delta R.T. 0.07 min

Lab File: VN051303.D

Acq: 18 Sep 2018 17:28

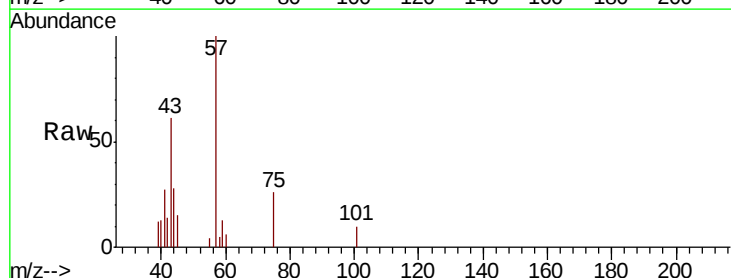
Tgt Ion: 75 Resp: 1713

Ion Ratio Lower Upper

75 100

77 0.0 25.8 38.8#

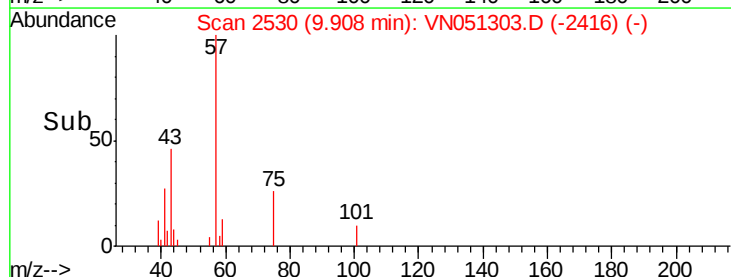
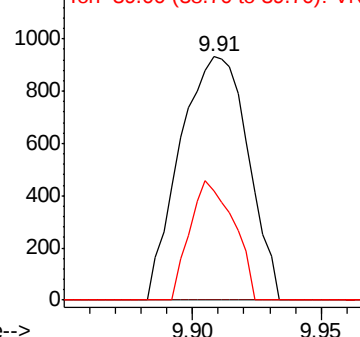
39 44.7 31.8 47.8

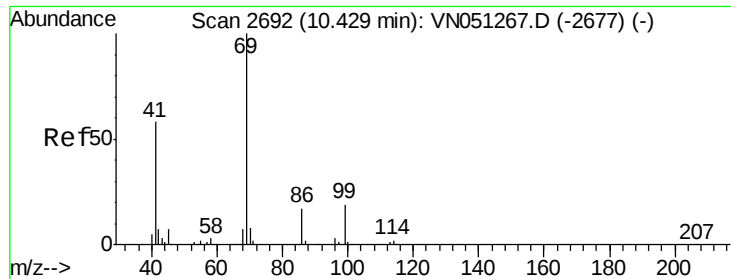


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#56

Ethyl methacrylate

Concen: 2.338 ug/l

RT: 10.23 min Scan# 2630

Delta R.T. -0.20 min

Lab File: VN051303.D

Acq: 18 Sep 2018 17:28

Instrument :

MSVOA_N

ClientSampled :

RB32727RT

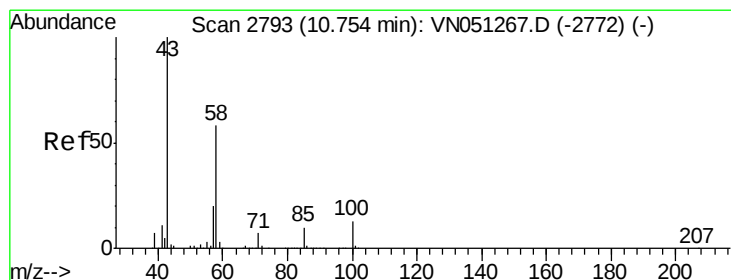
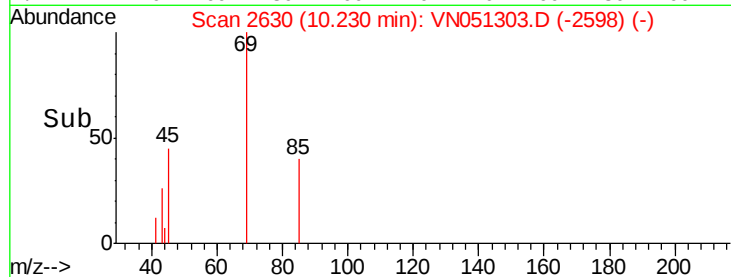
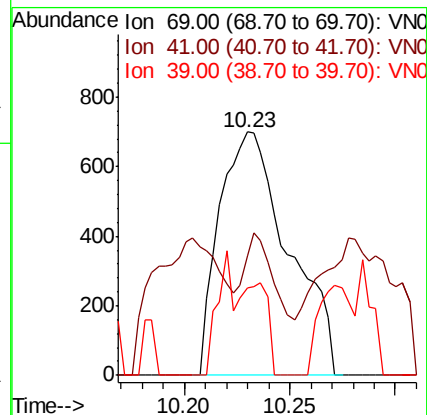
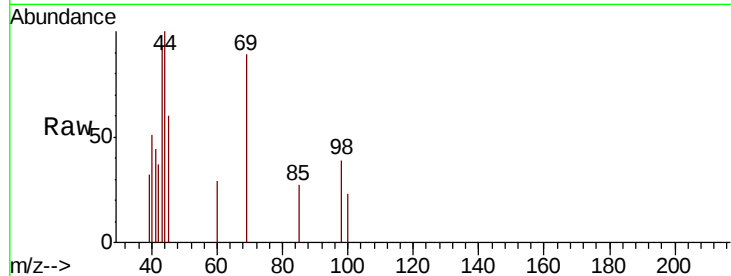
Tgt Ion: 69 Resp: 1596

Ion Ratio Lower Upper

69 100

41 30.7 47.4 71.0#

39 12.1 23.7 35.5#



#59

2-Hexanone

Concen: 5.605 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.01 min

Lab File: VN051303.D

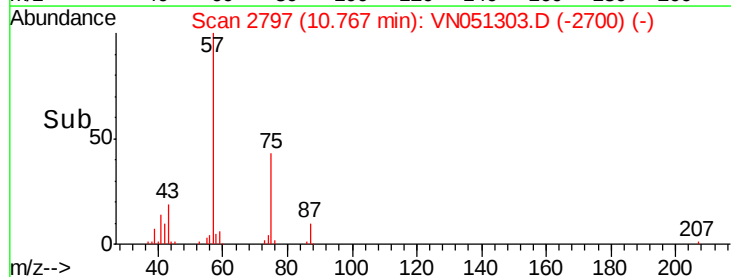
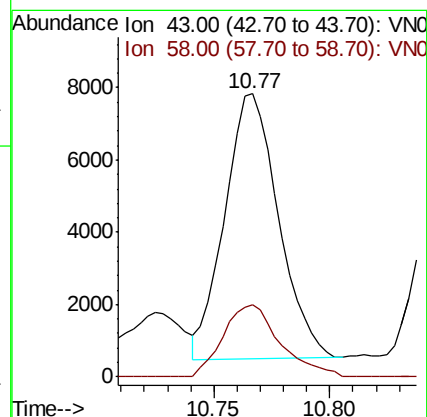
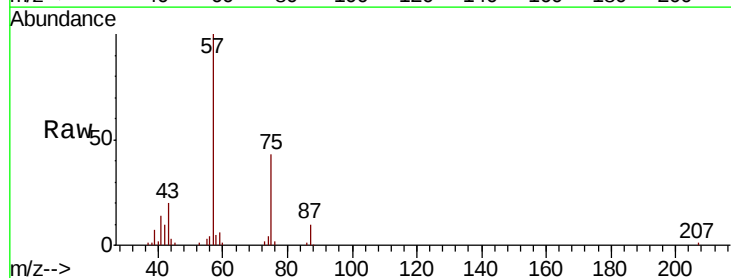
Acq: 18 Sep 2018 17:28

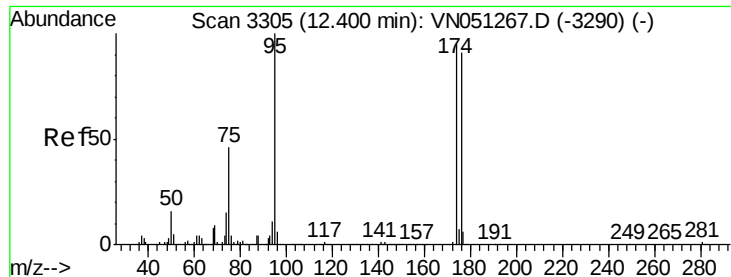
Tgt Ion: 43 Resp: 11784

Ion Ratio Lower Upper

43 100

58 28.8 28.9 86.8#

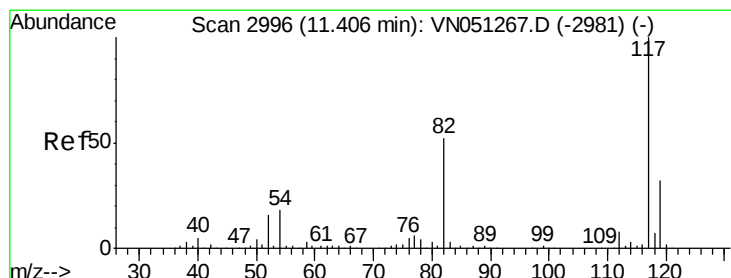
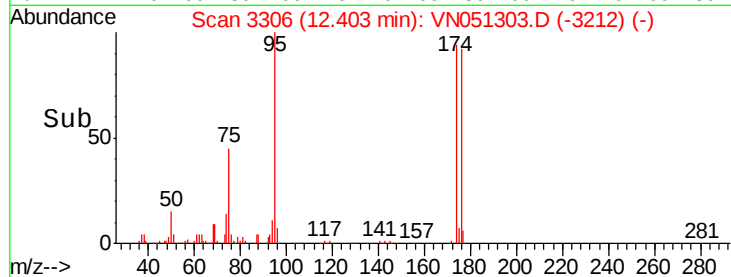
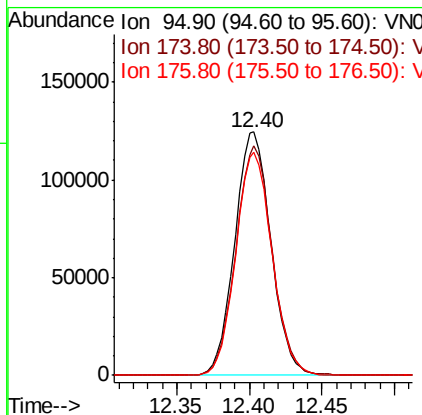
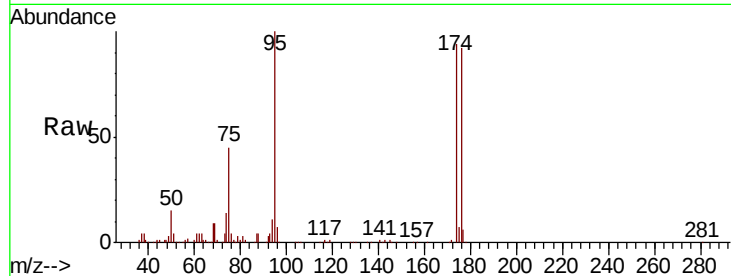




#62
4-Bromofluorobenzene
Concen: 36.801 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051303.D
Acq: 18 Sep 2018 17:28

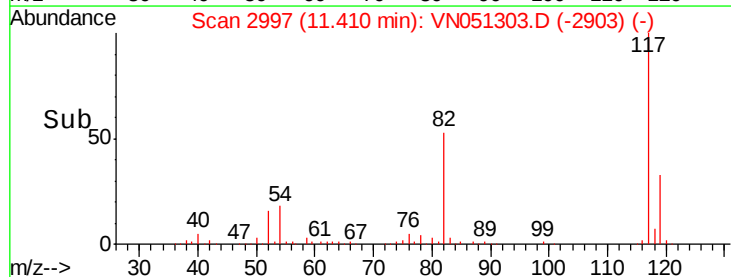
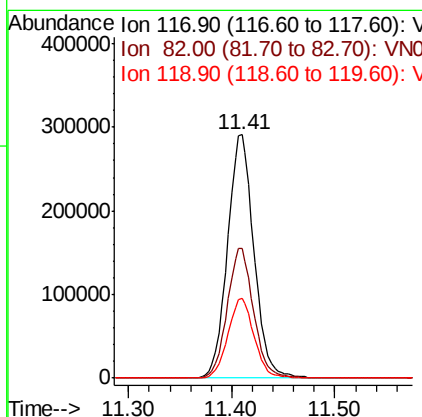
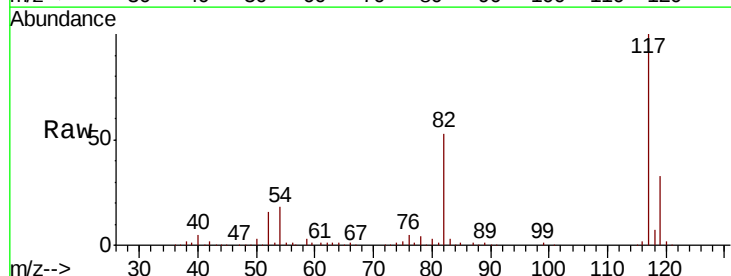
Instrument :
MSVOA_N
ClientSampleId :
RB32727RT

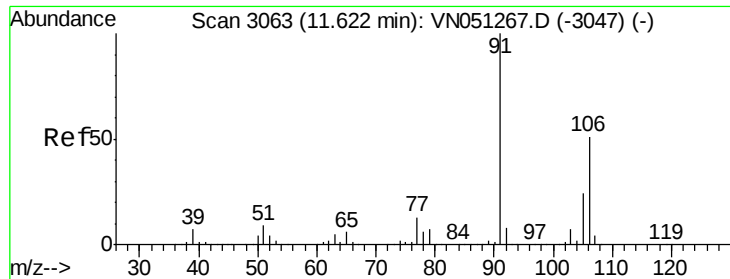
Tgt Ion: 95 Resp: 216089
Ion Ratio Lower Upper
95 100
174 94.6 0.0 189.6
176 92.0 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051303.D
Acq: 18 Sep 2018 17:28

Tgt Ion: 117 Resp: 518848
Ion Ratio Lower Upper
117 100
82 53.0 41.8 62.8
119 32.7 25.6 38.4

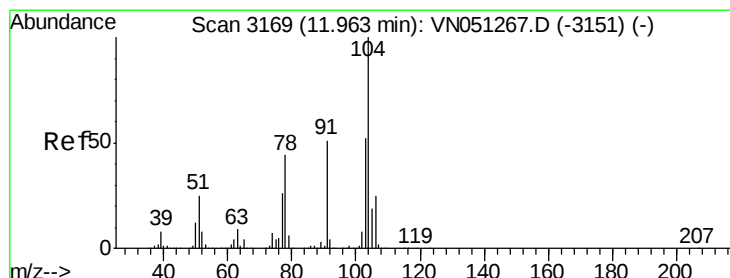
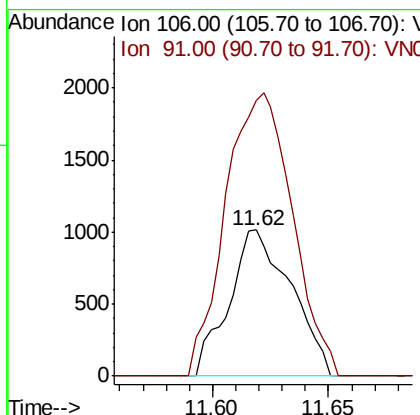
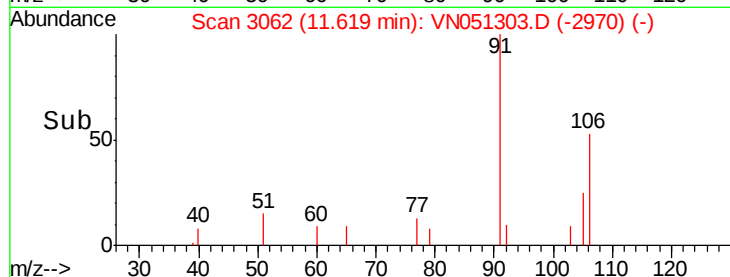
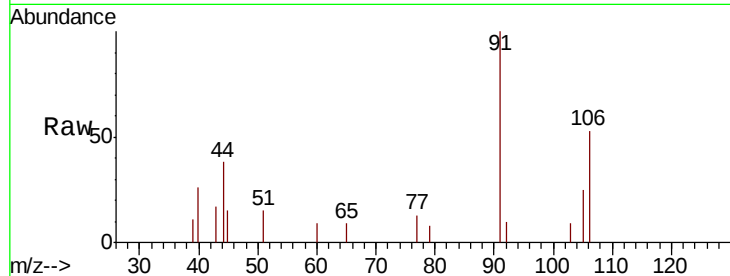




#68
m/p-Xylenes
Concen: 0.237 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN051303.D
Acq: 18 Sep 2018 17:28

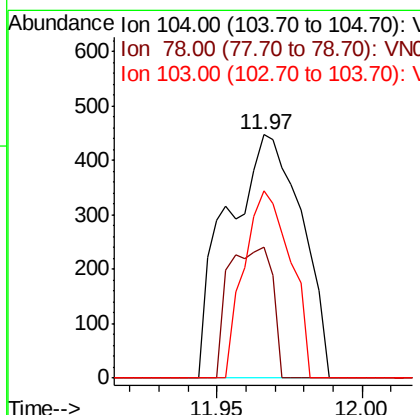
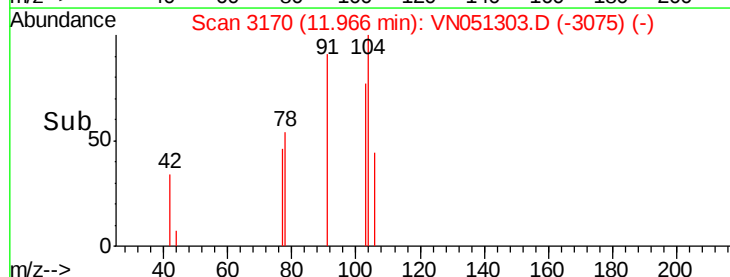
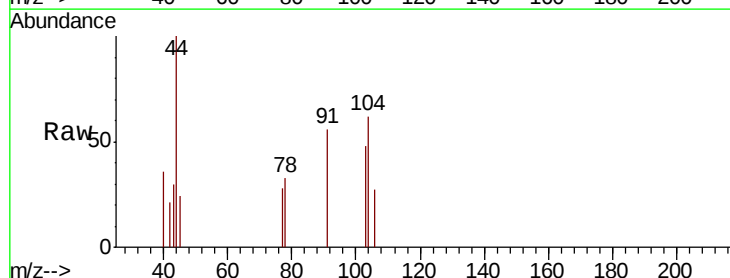
Instrument :
MSVOA_N
ClientSampled :
RB32727RT

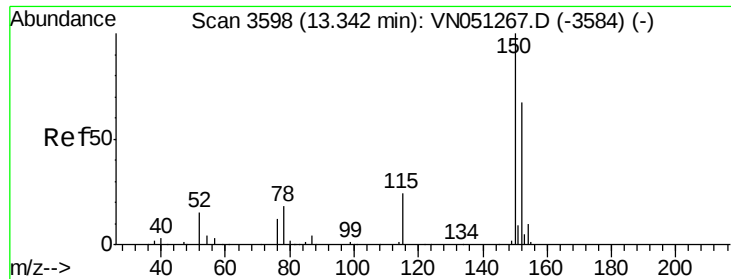
Tgt Ion:106 Resp: 1883
Ion Ratio Lower Upper
106 100
91 208.8 158.6 238.0



#70
Styrene
Concen: 1.302 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN051303.D
Acq: 18 Sep 2018 17:28

Tgt Ion:104 Resp: 797
Ion Ratio Lower Upper
104 100
78 31.6 38.1 57.1#
103 47.8 44.8 67.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051303.D

Acq: 18 Sep 2018 17:28

Instrument :

MSVOA_N

ClientSampleId :

RB32727RT

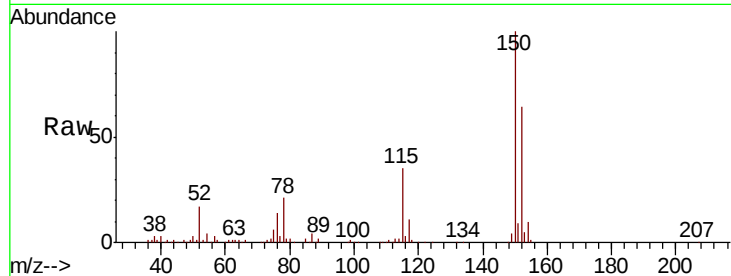
Tgt Ion:152 Resp: 160711

Ion Ratio Lower Upper

152 100

115 54.9 27.1 81.2

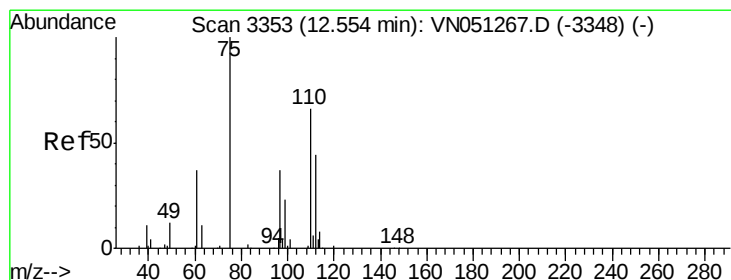
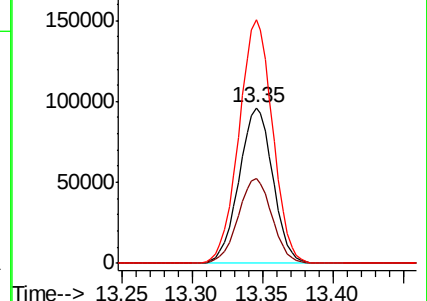
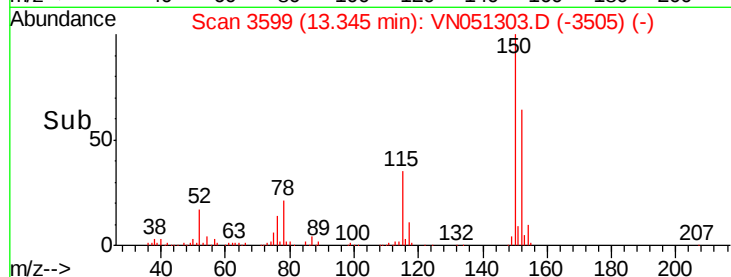
150 156.3 0.0 349.0



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

1,2,3-Trichloropropane

Concen: 43.561 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN051303.D

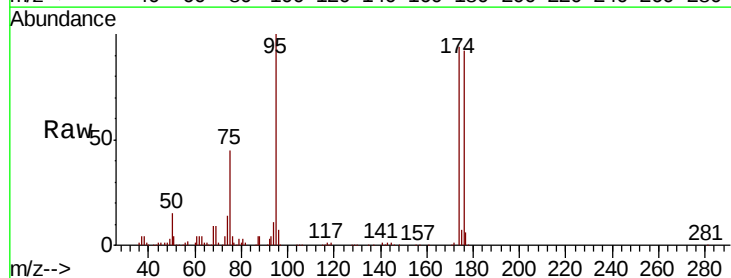
Acq: 18 Sep 2018 17:28

Tgt Ion: 75 Resp: 96491

Ion Ratio Lower Upper

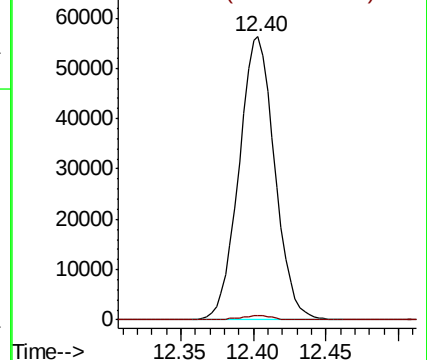
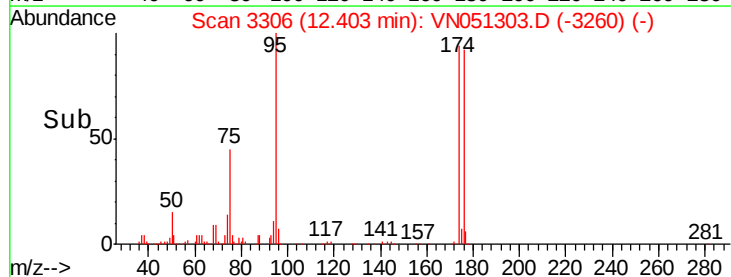
75 100

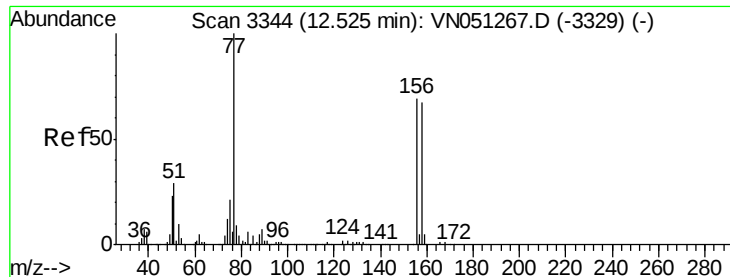
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#77

Bromobenzene

Concen: Below Cal

RT: 12.54 min Scan# 3350

Delta R.T. 0.02 min

Lab File: VN051303.D

Acq: 18 Sep 2018 17:28

Instrument :

MSVOA_N

ClientSampleId :

RB32727RT

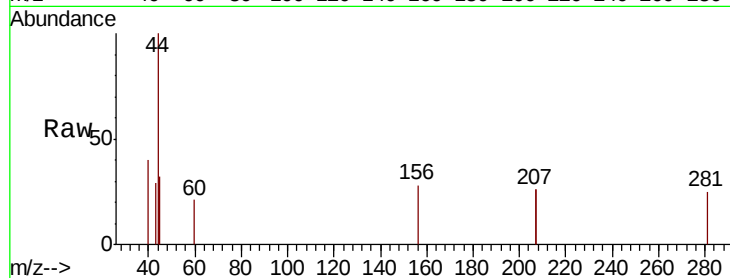
Tgt Ion:156 Resp: 112

Ion Ratio Lower Upper

156 100

77 0.0 83.7 251.1#

158 0.0 49.0 147.2#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V

12.54

200

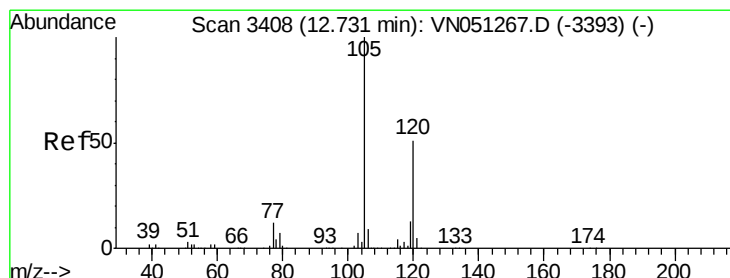
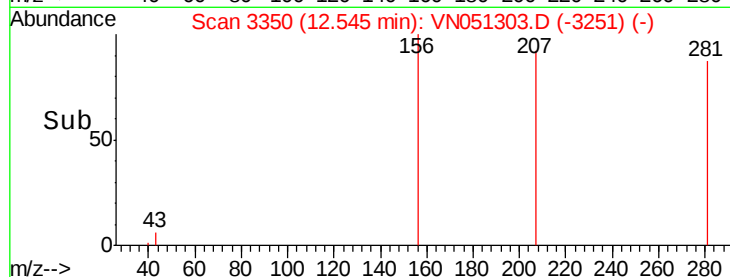
150

100

50

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.259 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.01 min

Lab File: VN051303.D

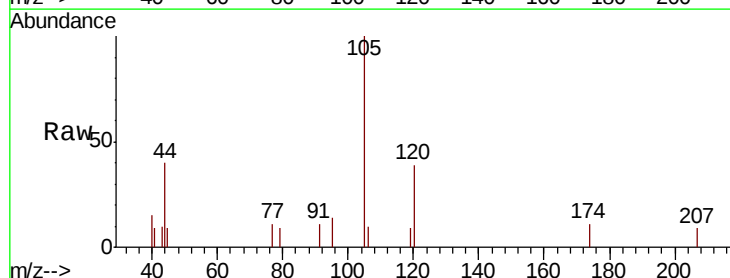
Acq: 18 Sep 2018 17:28

Tgt Ion:105 Resp: 2810

Ion Ratio Lower Upper

105 100

120 46.1 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

2000

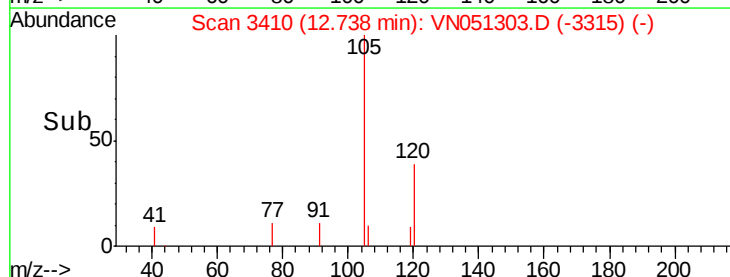
1500

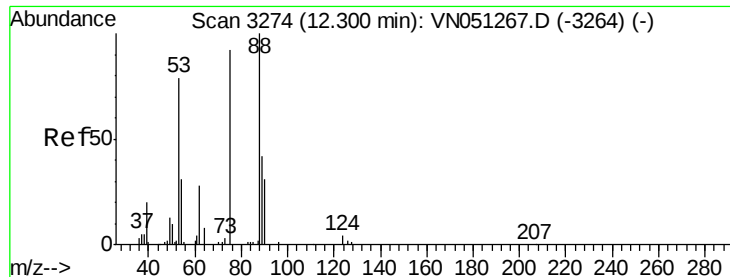
1000

500

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 133.350 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN051303.D

Acq: 18 Sep 2018 17:28

Instrument :

MSVOA_N

ClientSampleId :

RB32727RT

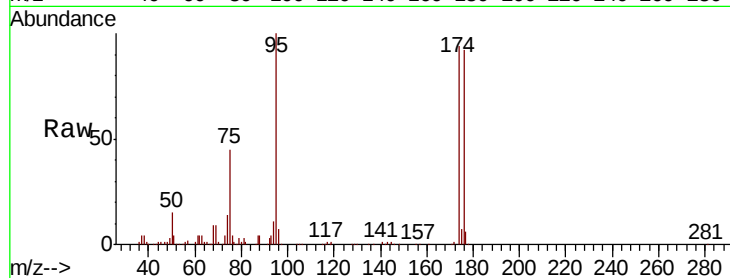
Tgt Ion: 75 Resp: 96491

Ion Ratio Lower Upper

75 100

53 0.1 67.7 101.5#

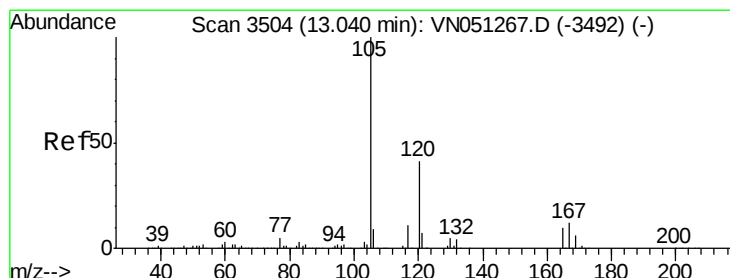
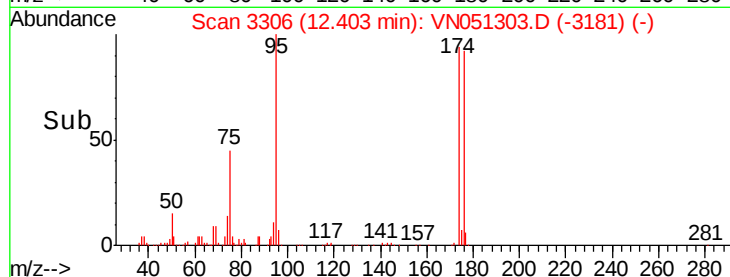
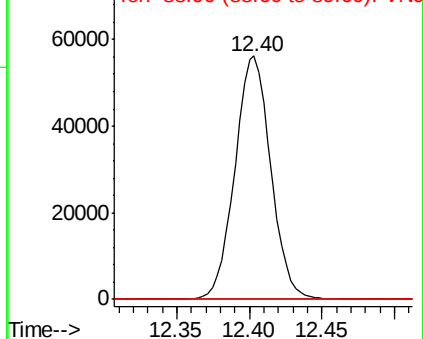
89 0.0 36.9 55.3#



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



#84

1,2,4-Trimethylbenzene

Concen: 0.411 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN051303.D

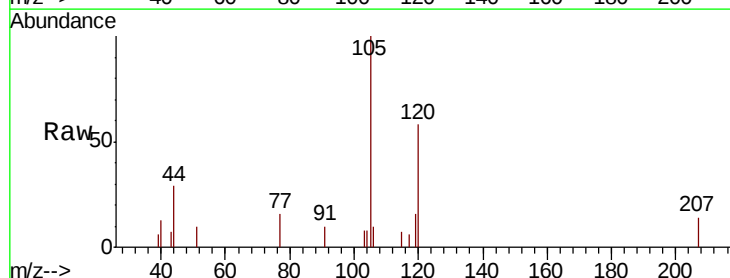
Acq: 18 Sep 2018 17:28

Tgt Ion: 105 Resp: 4320

Ion Ratio Lower Upper

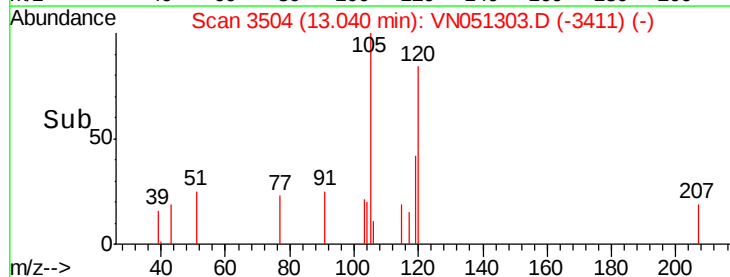
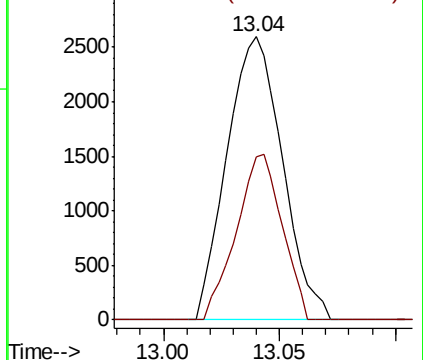
105 100

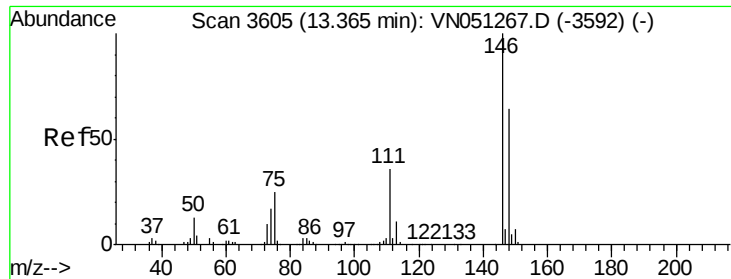
120 48.4 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

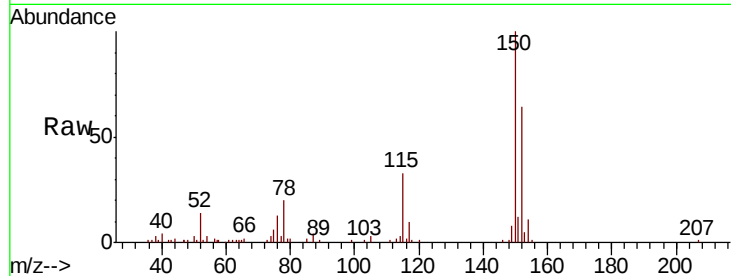




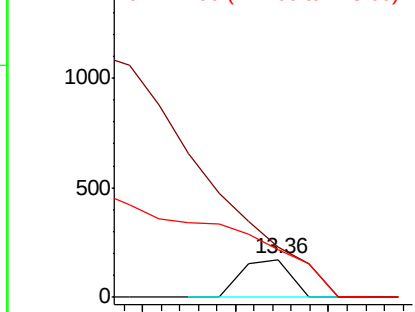
#88
 1,4-Dichlorobenzene
 Concen: 0.422 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN051303.D
 Acq: 18 Sep 2018 17:28

Instrument :
 MSVOA_N
 ClientSampled :
 RB32727RT

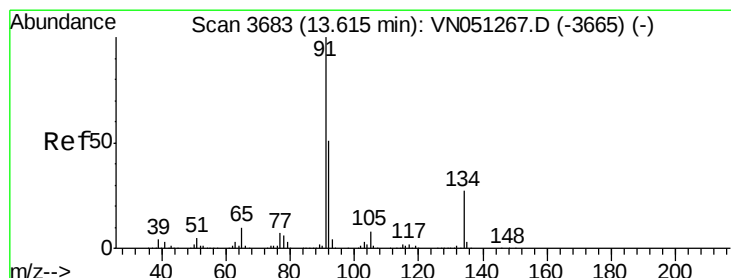
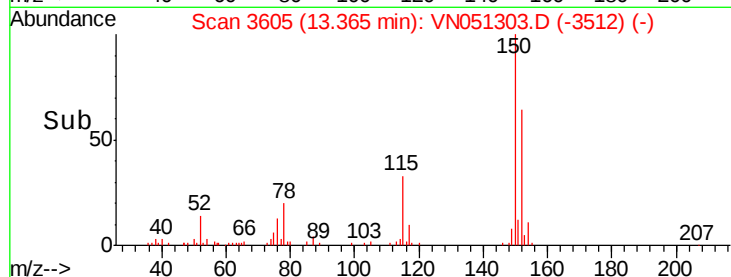
Tgt Ion:146 Resp: 63
 Ion Ratio Lower Upper
 146 100
 111 0.0 18.2 54.6#
 148 0.0 31.9 95.7#



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

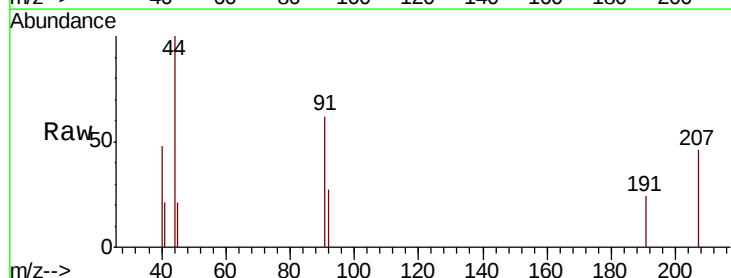


Time-->

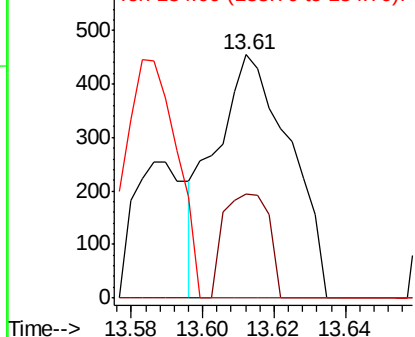


#89
 n-Butylbenzene
 Concen: 2.093 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. -0.00 min
 Lab File: VN051303.D
 Acq: 18 Sep 2018 17:28

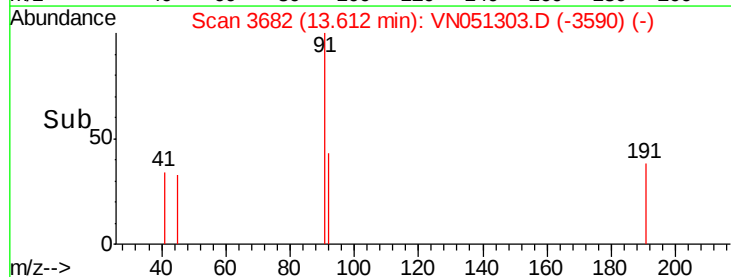
Tgt Ion: 91 Resp: 660
 Ion Ratio Lower Upper
 91 100
 92 25.8 25.8 77.4#
 134 0.0 13.7 41.0#

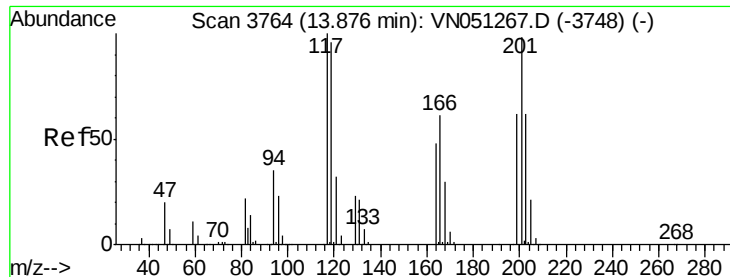


Abundance Ion 91.00 (90.70 to 91.70): V
 Ion 92.00 (91.70 to 92.70): V
 Ion 134.00 (133.70 to 134.70): V



Time-->





#90

Hexachloroethane

Concen: Below Cal

RT: 13.89 min Scan# 3767

Delta R.T. 0.01 min

Lab File: VN051303.D

Acq: 18 Sep 2018 17:28

Instrument :

MSVOA_N

ClientSampleId :

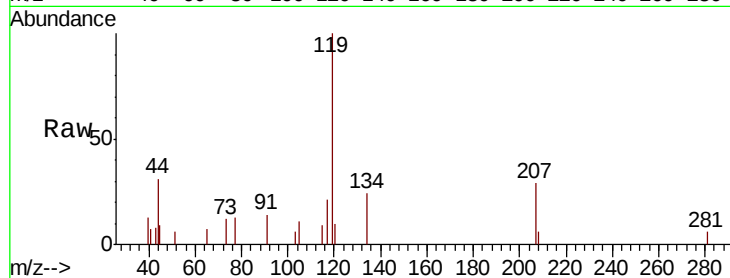
RB32727RT

Tgt Ion:117 Resp: 626

Ion Ratio Lower Upper

117 100

201 0.0 48.4 145.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.89

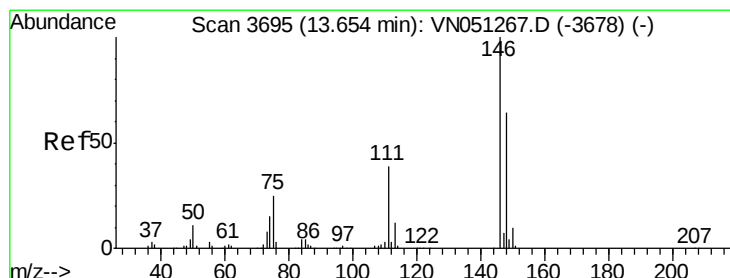
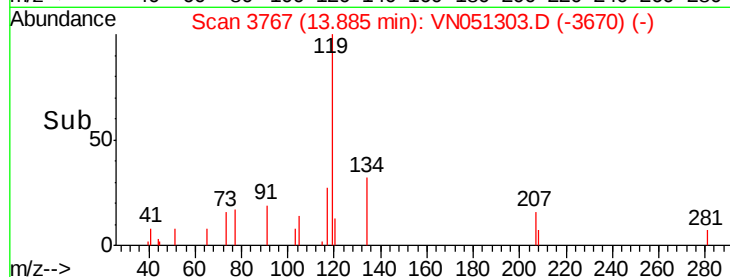
600

400

200

0

Time-->



#91

1,2-Dichlorobenzene

Concen: Below Cal

RT: 13.36 min Scan# 3605

Delta R.T. -0.29 min

Lab File: VN051303.D

Acq: 18 Sep 2018 17:28

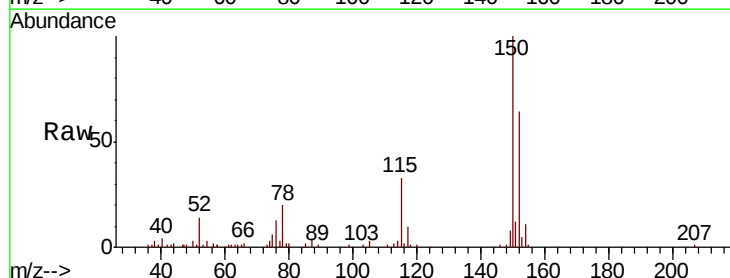
Tgt Ion:146 Resp: 63

Ion Ratio Lower Upper

146 100

111 0.0 19.6 58.7#

148 0.0 31.9 95.9#



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

1200

1000

800

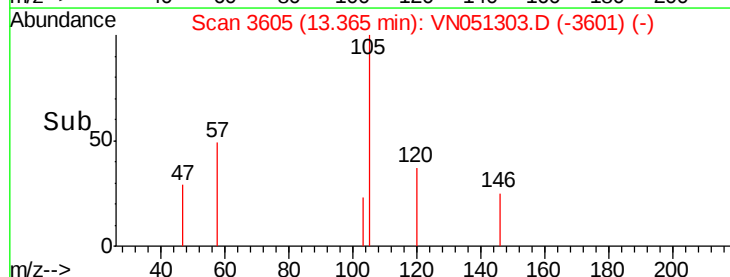
600

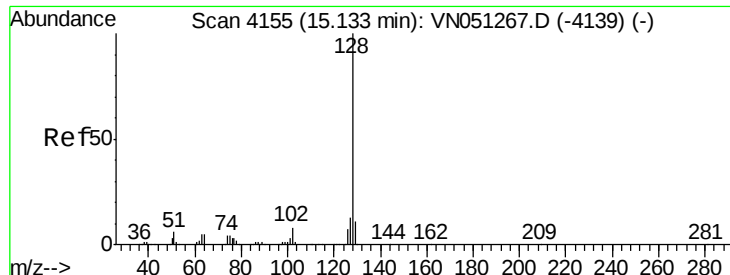
400

200

0

Time-->





#95

Naphthalene

Concen: 12.524 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051303.D

Acq: 18 Sep 2018 17:28

Instrument :

MSVOA_N

ClientSampleId :

RB32727RT

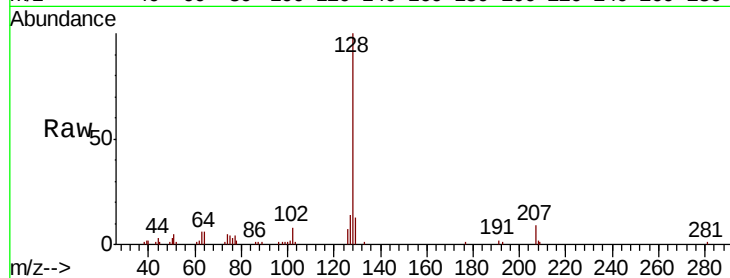
Tgt Ion:128 Resp: 37652

Ion Ratio Lower Upper

128 100

127 14.2 10.7 16.1

129 11.7 8.9 13.3



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

