

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091818\
 Data File : VN051302.D
 Acq On : 18 Sep 2018 17:04
 Operator : MD\SY
 Sample : J4646-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RB12983RT

Quant Time: Sep 19 01:19:55 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	420420	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	646697	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	515178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	155851	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	231659	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
35) Dibromofluoromethane	7.59	113	240894	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
50) Toluene-d8	10.09	98	825689	44.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.90%	
62) 4-Bromofluorobenzene	12.40	95	211061	35.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2361	Below Cal		95
5) Bromomethane	2.57	94	1881	1.100	ug/l #	76
10) Methyl Iodide	3.95	142	285	6.163	ug/l #	43
14) Allyl chloride	4.54	41	1426824	227.043	ug/l #	27
16) Acetone	3.82	43	37092	28.134	ug/l	98
17) Carbon Disulfide	4.06	76	7742	0.487	ug/l	95
18) Methyl Acetate	4.34	43	9356	2.302	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	1018	0.218	ug/l #	64
25) 2-Butanone	6.84	43	6984	4.772	ug/l	98
28) Bromochloromethane	7.20	49	25838	7.209	ug/l	96
29) Tetrahydrofuran	7.23	42	916	1.012	ug/l #	67
30) Chloroform	7.37	83	18467	2.222	ug/l	99
31) Cyclohexane	7.66	56	6870	0.865	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	26220	3.746	ug/l #	49
38) Carbon Tetrachloride	7.67	117	34477	4.723	ug/l #	18
40) Benzene	8.04	78	27686	1.329	ug/l	99
43) Isopropyl Acetate	8.17	43	234902	37.723	ug/l #	89
47) Bromodichloromethane	9.40	83	3849	0.561	ug/l #	85
48) Methyl methacrylate	9.18	41	5012	1.671	ug/l #	14
51) 4-Methyl-2-Pentanone	9.99	43	2364	0.736	ug/l	88
52) Toluene	10.16	92	34381	2.757	ug/l	97
54) cis-1,3-Dichloropropene	9.90	75	1684	0.219	ug/l #	71
56) Ethyl methacrylate	10.27	69	96	2.083	ug/l #	1
59) 2-Hexanone	10.77	43	8136	3.846	ug/l	61
67) Ethyl Benzene	11.51	91	10164	0.501	ug/l	100
68) m/p-Xylenes	11.62	106	13911	1.763	ug/l	98
69) o-Xylene	11.95	106	5330	0.709	ug/l	90
70) Styrene	11.97	104	4085	1.543	ug/l	87
76) 1,2,3-Trichloropropane	12.40	75	95917	44.727	ug/l #	100
77) Bromobenzene	12.52	156	113	Below Cal	#	47
80) 1,3,5-Trimethylbenzene	12.73	105	4399	0.419	ug/l	92
81) trans-1,4-Dichloro-2-buten	12.40	75	95917	136.691	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	9510	0.932	ug/l	99
86) p-Isopropyltoluene	13.29	119	5337	0.540	ug/l	98

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QLast Update : Tue Sep 18 06:04:06 2018
Response via : Initial Calibration

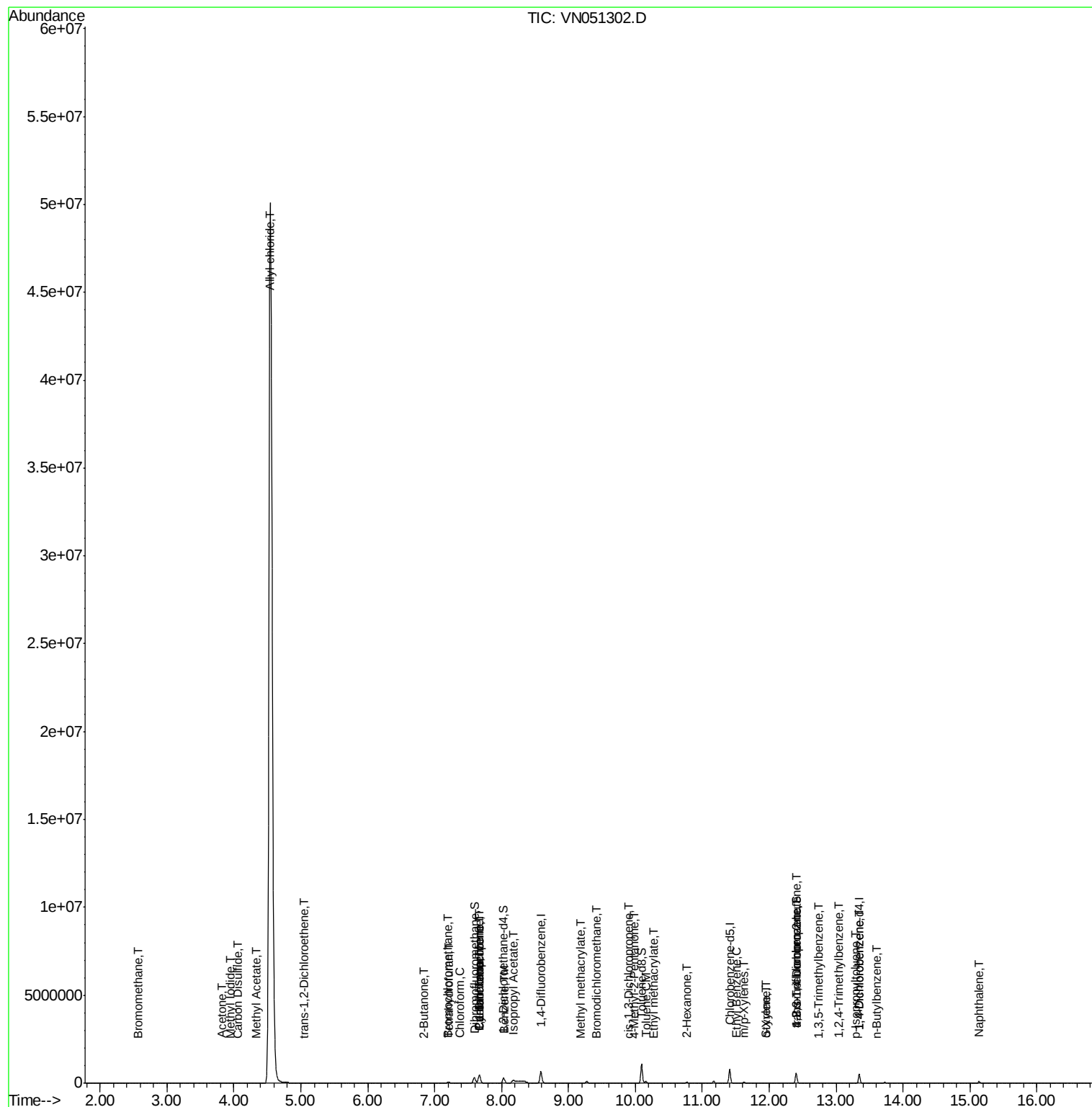
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,4-Dichlorobenzene	13.36	146	146	0.438	ug/l #	1
89) n-Butylbenzene	13.61	91	399	2.065	ug/l #	41
90) Hexachloroethane	13.94	117	200	Below Cal	#	1
95) Naphthalene	15.13	128	75434	19.557	ug/l	98

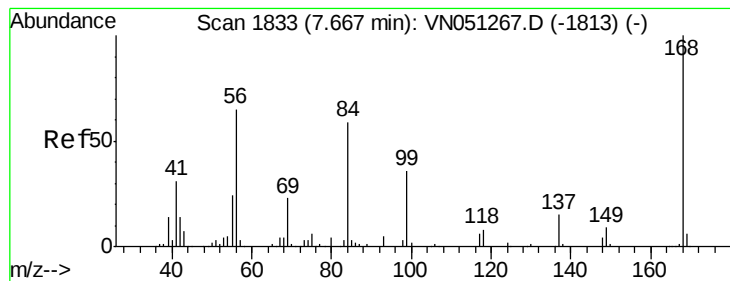
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051302.D

Acq: 18 Sep 2018 17:04

Instrument :

MSVOA_N

ClientSampleId :

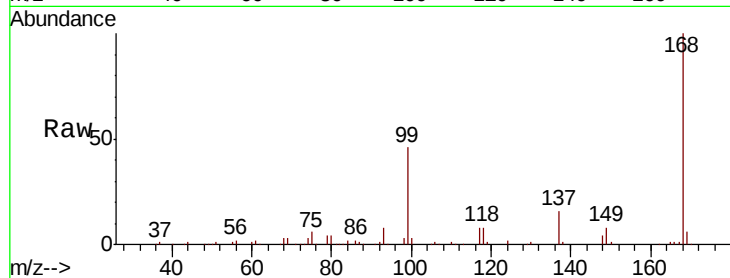
RB12983RT

Tgt Ion:168 Resp: 420420

Ion Ratio Lower Upper

168 100

99 45.5 38.2 57.4



Abundance Ion 167.90 (167.60 to 168.60): VN051302.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN051302.D (-1740) (-)

7.67

200000

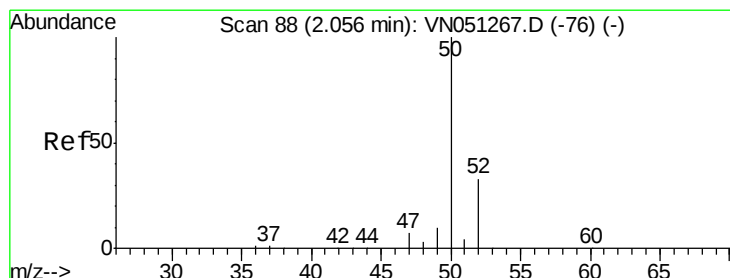
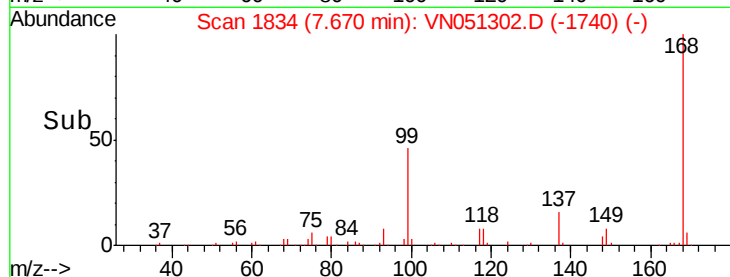
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN051302.D

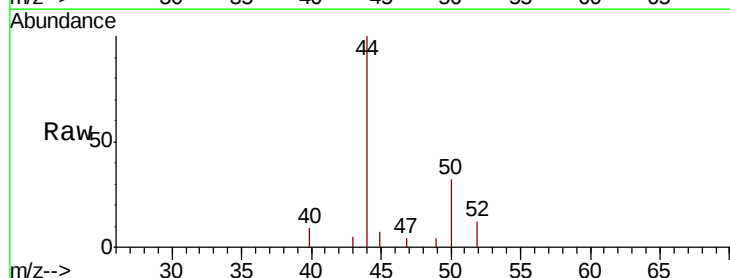
Acq: 18 Sep 2018 17:04

Tgt Ion: 50 Resp: 2361

Ion Ratio Lower Upper

50 100

52 36.0 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VN051302.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN051302.D (-1) (-)

2.06

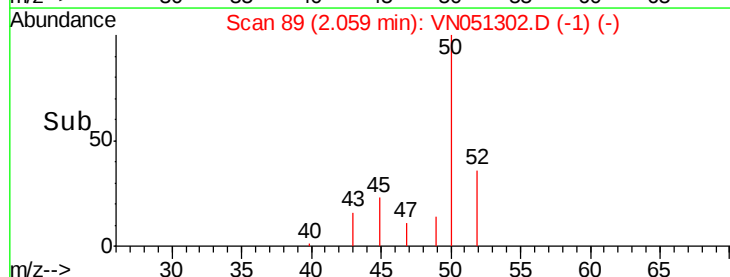
1500

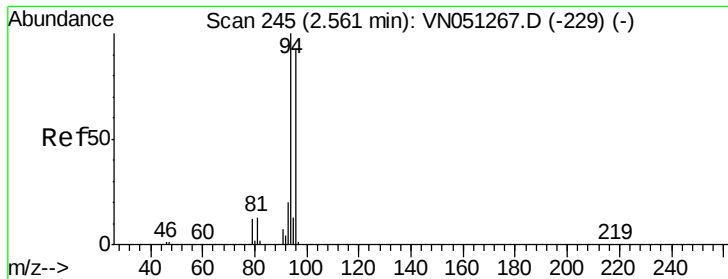
1000

500

0

Time-->





#5

Bromomethane

Concen: 1.100 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN051302.D

Acq: 18 Sep 2018 17:04

Instrument :

MSVOA_N

ClientSampleId :

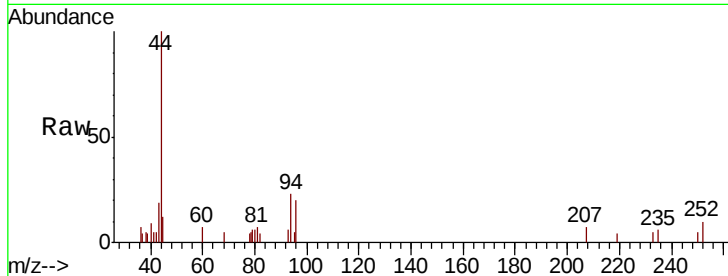
RB12983RT

Tgt Ion: 94 Resp: 1881

Ion Ratio Lower Upper

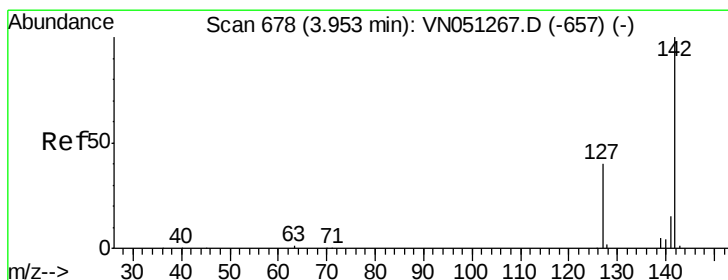
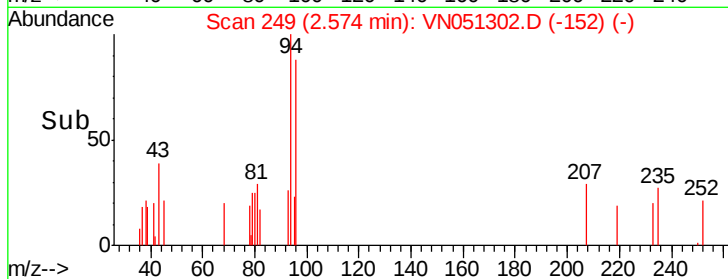
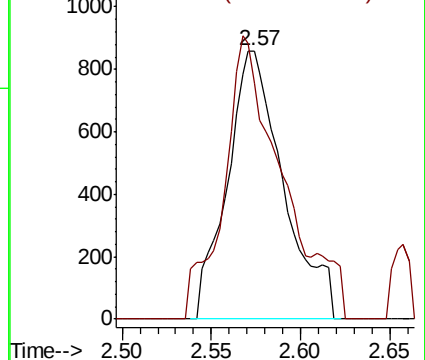
94 100

96 69.4 73.8 110.8#



Abundance Ion 93.90 (93.60 to 94.60): VN051267.D (-229) (-)

Ion 95.90 (95.60 to 96.60): VN051267.D (-229) (-)



#10

Methyl Iodide

Concen: 6.163 ug/l

RT: 3.95 min Scan# 678

Delta R.T. 0.00 min

Lab File: VN051302.D

Acq: 18 Sep 2018 17:04

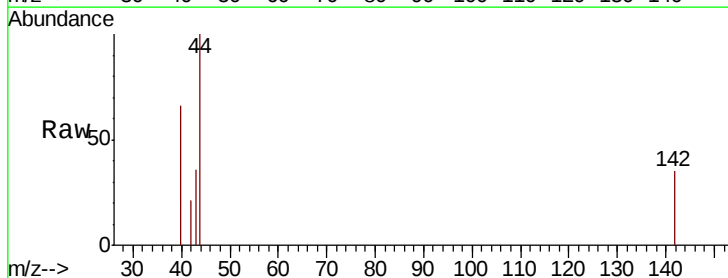
Tgt Ion: 142 Resp: 285

Ion Ratio Lower Upper

142 100

127 0.0 31.7 47.5#

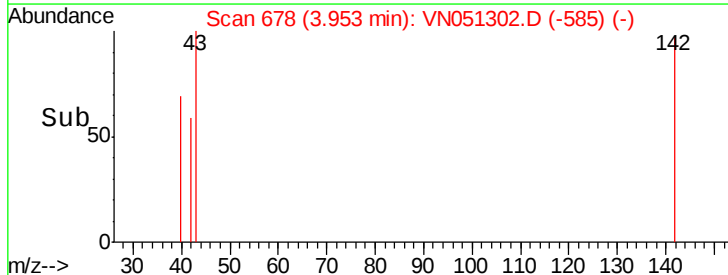
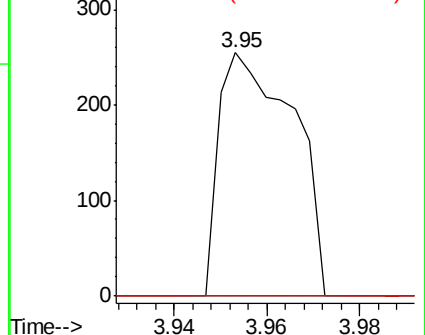
141 0.0 11.6 17.4#

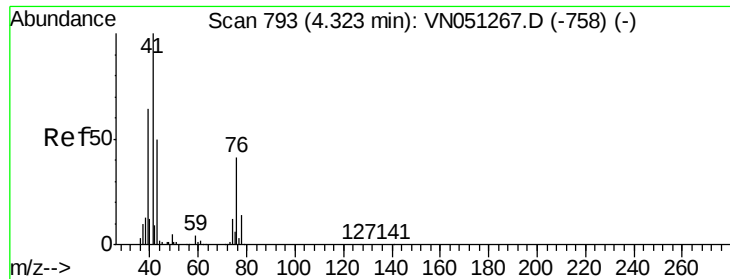


Abundance Ion 141.80 (141.50 to 142.50): VN051267.D (-657) (-)

Ion 126.80 (126.50 to 127.50): VN051267.D (-657) (-)

Ion 140.80 (140.50 to 141.50): VN051267.D (-657) (-)

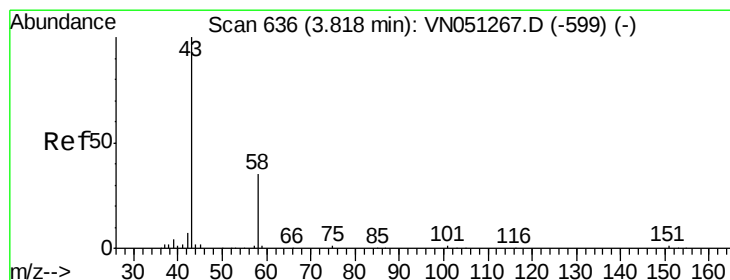
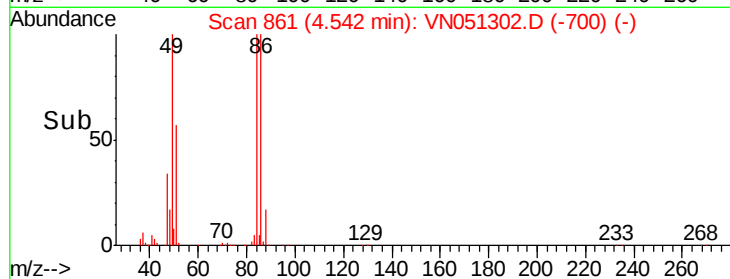
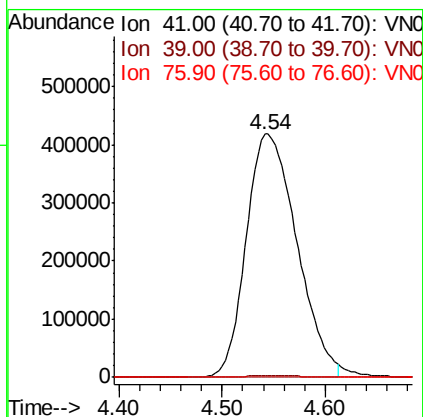
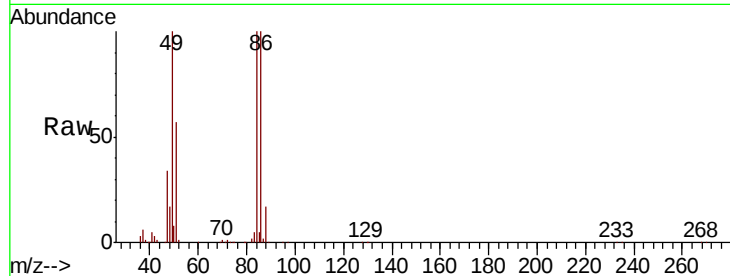




#14
 Allyl chloride
 Concen: 227.043 ug/l
 RT: 4.54 min Scan# 861
 Delta R.T. 0.22 min
 Lab File: VN051302.D
 Acq: 18 Sep 2018 17:04

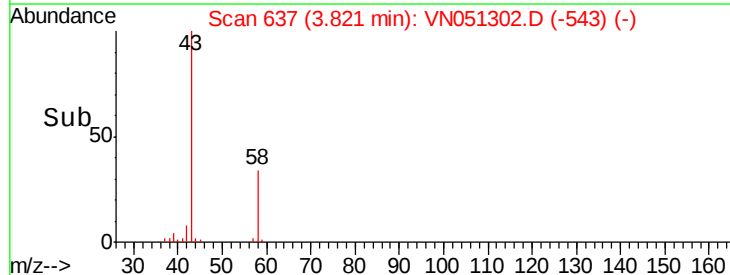
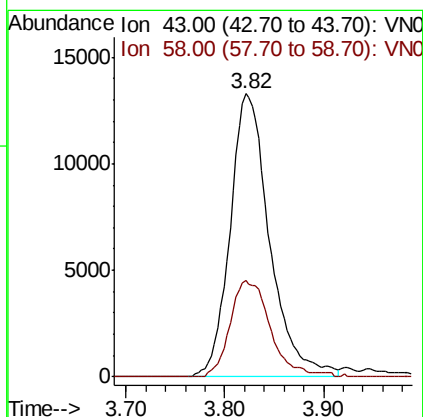
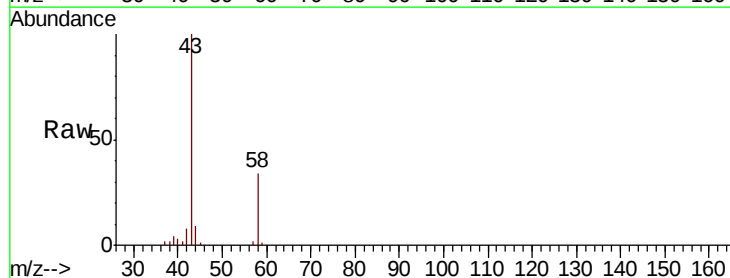
Instrument :
 MSVOA_N
 ClientSampled :
 RB12983RT

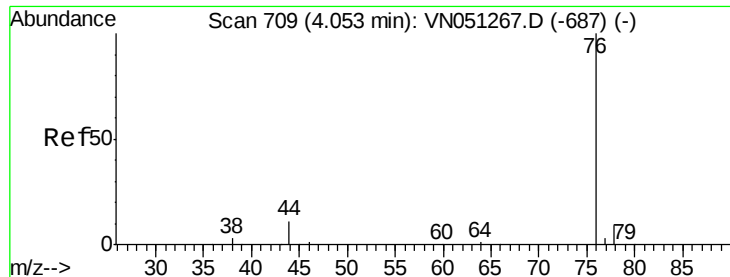
Tgt Ion: 41 Resp: 1426824
 Ion Ratio Lower Upper
 41 100
 39 0.8 49.0 73.4#
 76 0.0 31.4 47.0#



#16
 Acetone
 Concen: 28.134 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: VN051302.D
 Acq: 18 Sep 2018 17:04

Tgt Ion: 43 Resp: 37092
 Ion Ratio Lower Upper
 43 100
 58 34.0 28.2 42.2

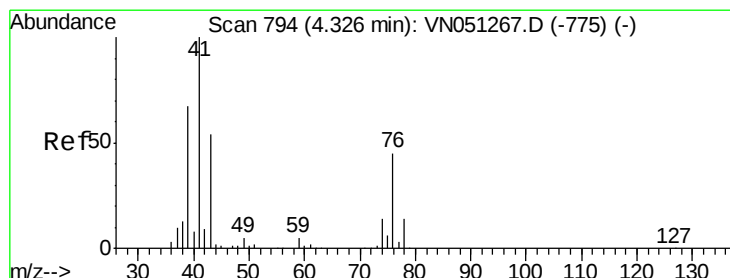
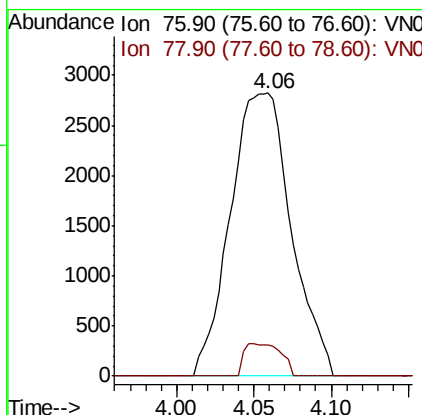
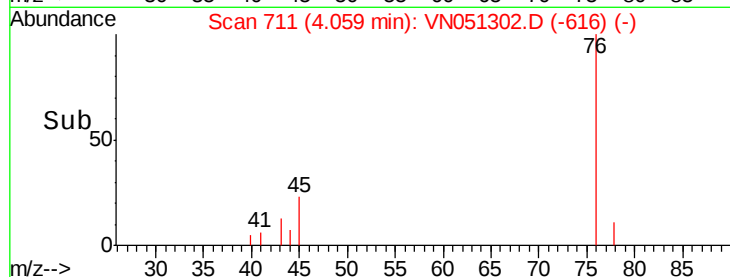
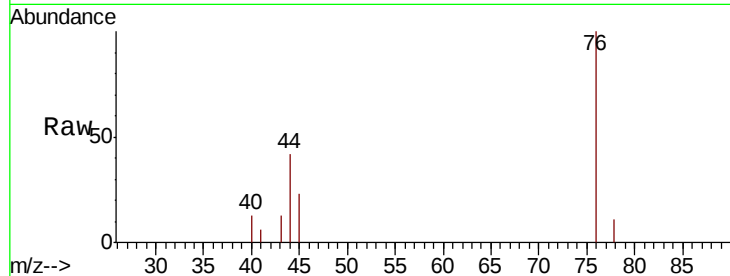




#17
Carbon Disulfide
Concen: 0.487 ug/l
RT: 4.06 min Scan# 711
Delta R.T. 0.01 min
Lab File: VN051302.D
Acq: 18 Sep 2018 17:04

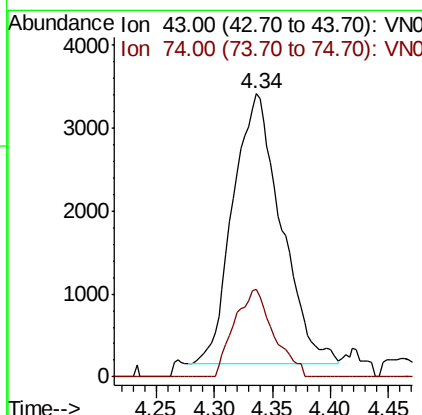
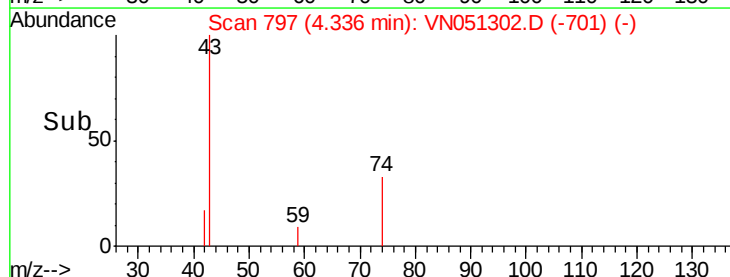
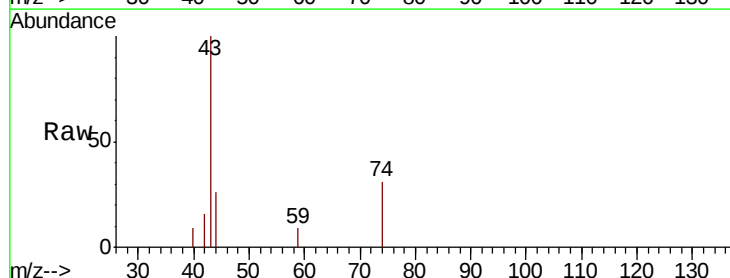
Instrument :
MSVOA_N
ClientSampled :
RB12983RT

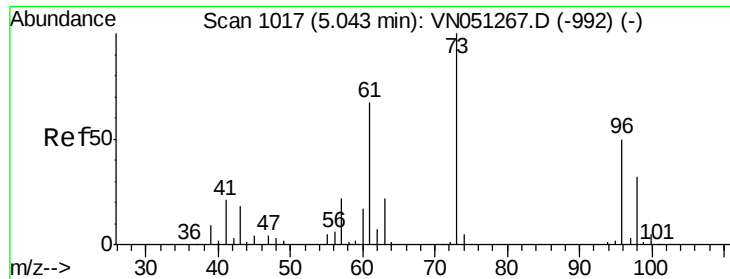
Tgt Ion: 76 Resp: 7742
Ion Ratio Lower Upper
76 100
78 10.9 7.4 11.0



#18
Methyl Acetate
Concen: 2.302 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN051302.D
Acq: 18 Sep 2018 17:04

Tgt Ion: 43 Resp: 9356
Ion Ratio Lower Upper
43 100
74 26.5 20.8 31.2

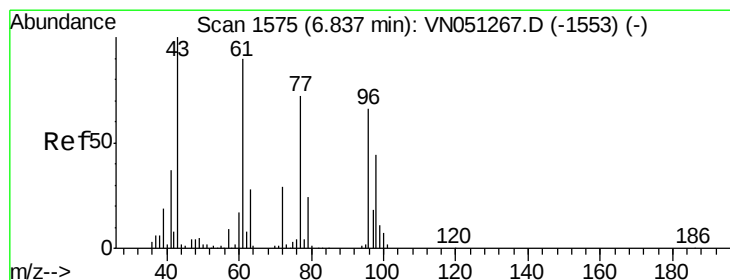
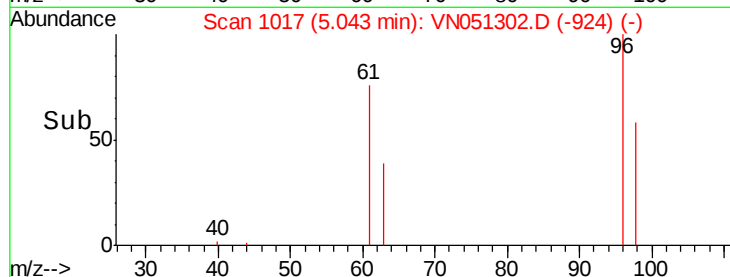
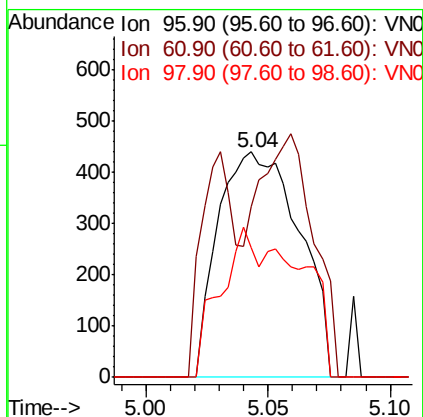
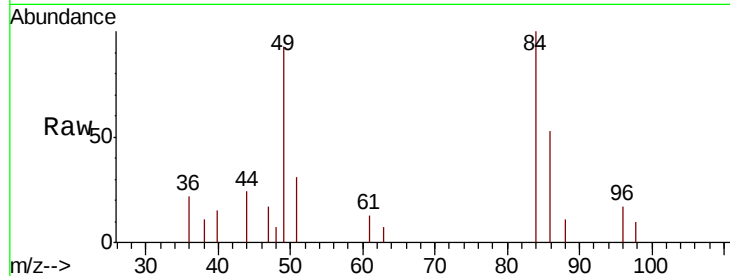




#21
trans-1,2-Dichloroethene
Concen: 0.218 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN051302.D
Acq: 18 Sep 2018 17:04

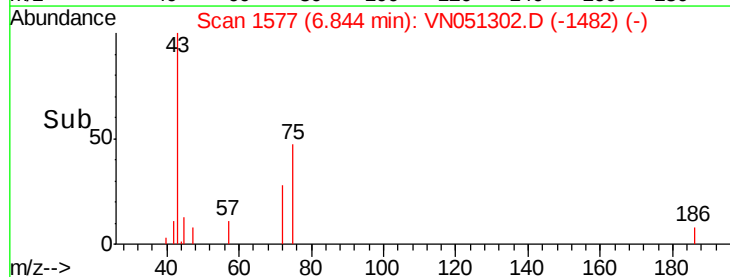
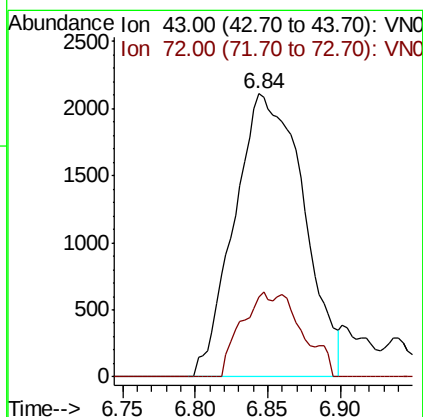
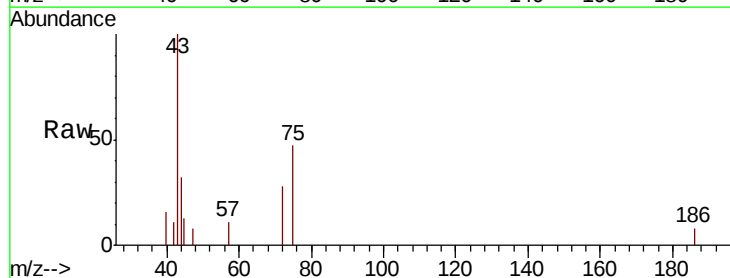
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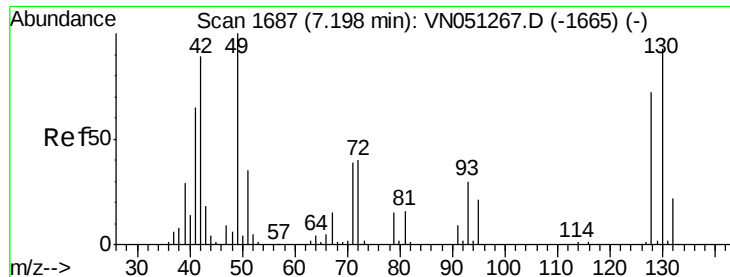
Tgt Ion: 96 Resp: 1018
Ion Ratio Lower Upper
96 100
61 75.5 106.7 160.1#
98 57.6 51.4 77.0



#25
2-Butanone
Concen: 4.772 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN051302.D
Acq: 18 Sep 2018 17:04

Tgt Ion: 43 Resp: 6984
Ion Ratio Lower Upper
43 100
72 28.4 23.4 35.0





#28

Bromochloromethane

Concen: 7.209 ug/l

RT: 7.20 min Scan# 1689

Delta R.T. 0.01 min

Lab File: VN051302.D

Acq: 18 Sep 2018 17:04

Instrument :

MSVOA_N

ClientSampleId :

RB12983RT

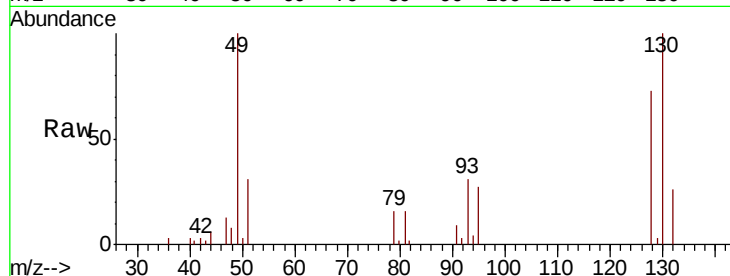
Tgt Ion: 49 Resp: 25838

Ion Ratio Lower Upper

49 100

129 1.3 0.0 4.6

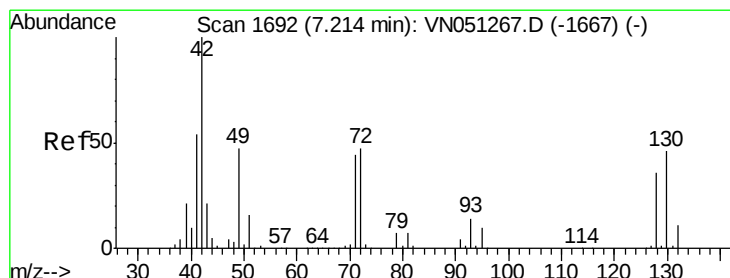
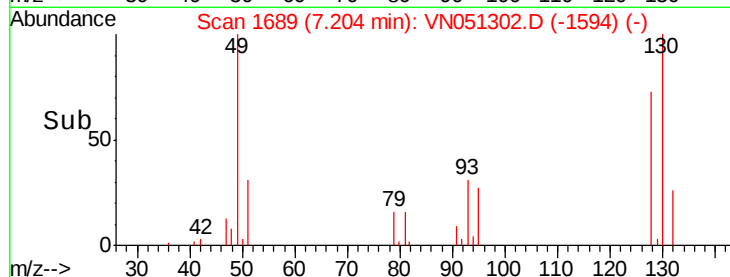
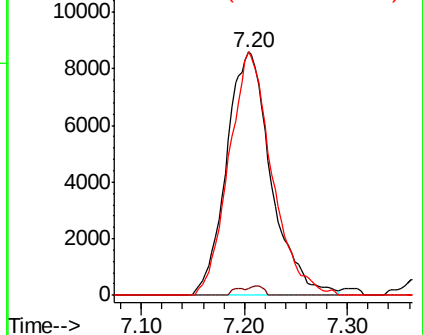
130 96.1 73.7 110.5



Abundance Ion 48.90 (48.60 to 49.60): VN051302.D (-1594) (-)

Ion 128.80 (128.50 to 129.50): VN051302.D (-1594) (-)

Ion 129.80 (129.50 to 130.50): VN051302.D (-1594) (-)



#29

Tetrahydrofuran

Concen: 1.012 ug/l

RT: 7.23 min Scan# 1696

Delta R.T. 0.01 min

Lab File: VN051302.D

Acq: 18 Sep 2018 17:04

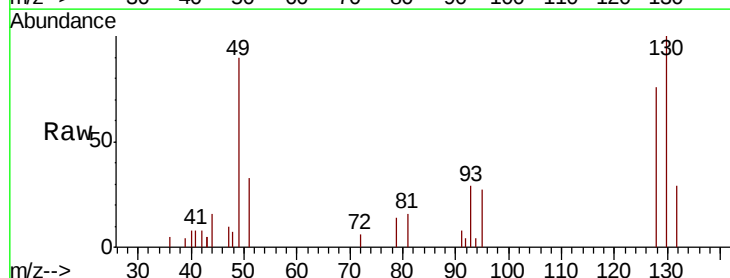
Tgt Ion: 42 Resp: 916

Ion Ratio Lower Upper

42 100

72 36.5 37.6 56.4#

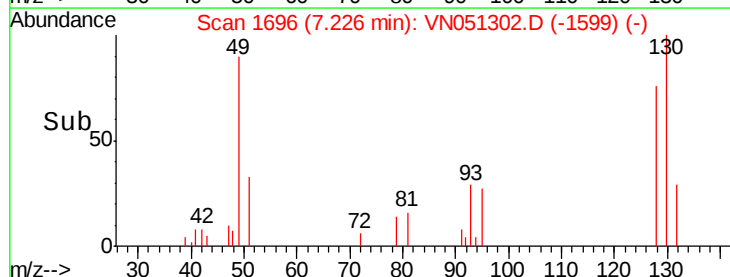
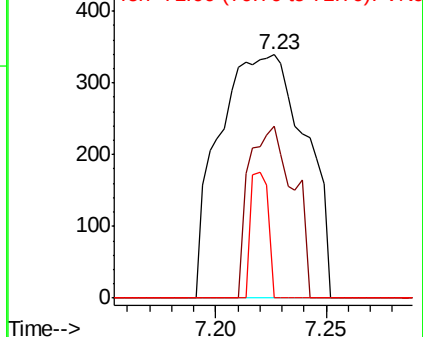
71 10.6 35.4 53.2#

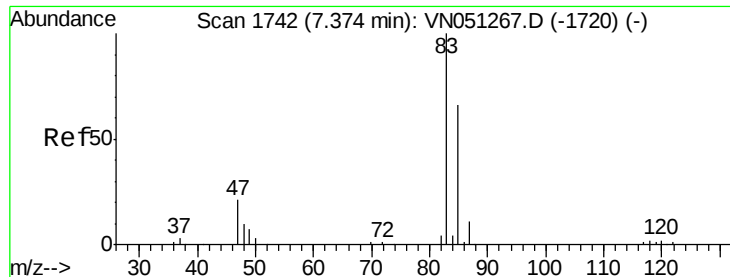


Abundance Ion 42.00 (41.70 to 42.70): VN051302.D (-1599) (-)

Ion 72.00 (71.70 to 72.70): VN051302.D (-1599) (-)

Ion 71.00 (70.70 to 71.70): VN051302.D (-1599) (-)

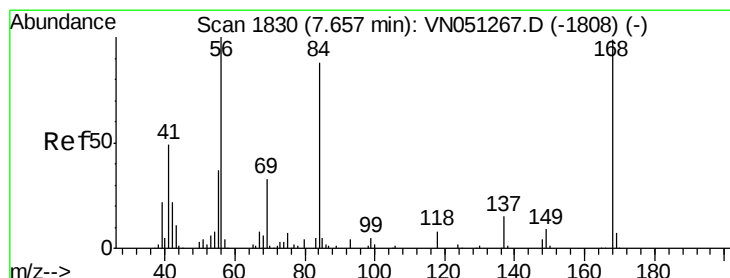
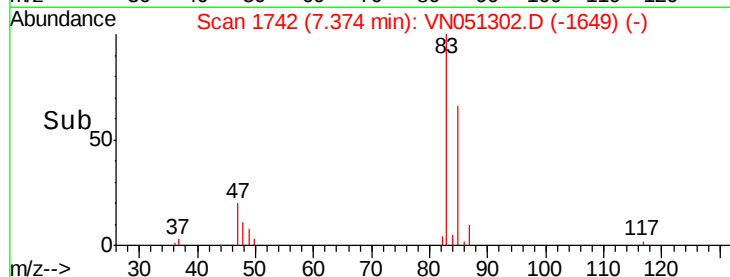
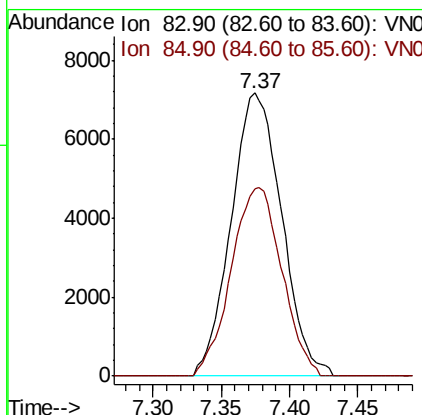
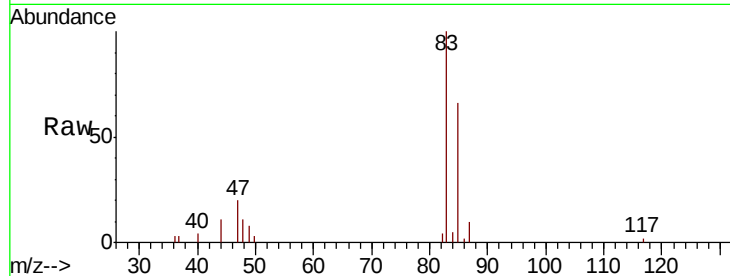




#30
Chloroform
Concen: 2.222 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN051302.D
Acq: 18 Sep 2018 17:04

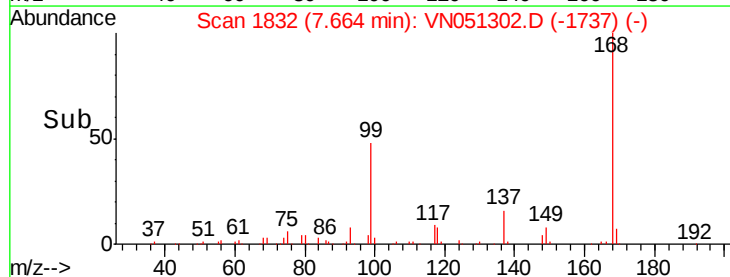
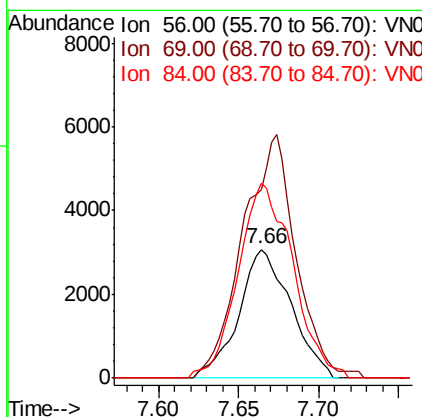
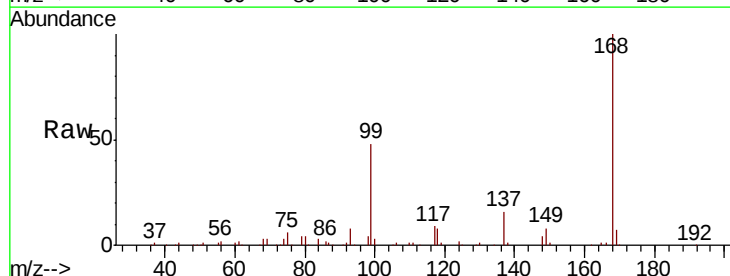
Instrument :
MSVOA_N
ClientSampleId :
RB12983RT

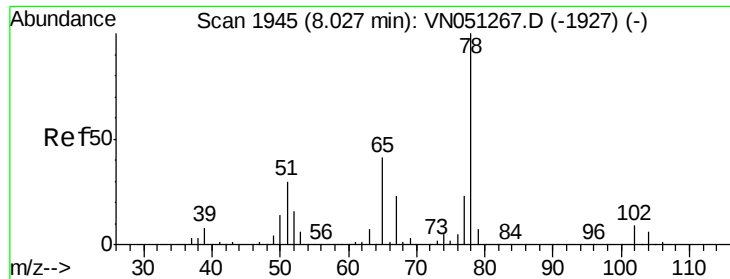
Tgt Ion: 83 Resp: 18467
Ion Ratio Lower Upper
83 100
85 66.1 52.4 78.6



#31
Cyclohexane
Concen: 0.865 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN051302.D
Acq: 18 Sep 2018 17:04

Tgt Ion: 56 Resp: 6870
Ion Ratio Lower Upper
56 100
69 147.3 26.2 39.2#
84 152.2 70.6 106.0#

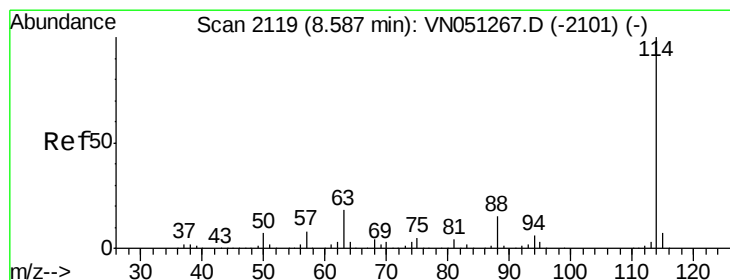
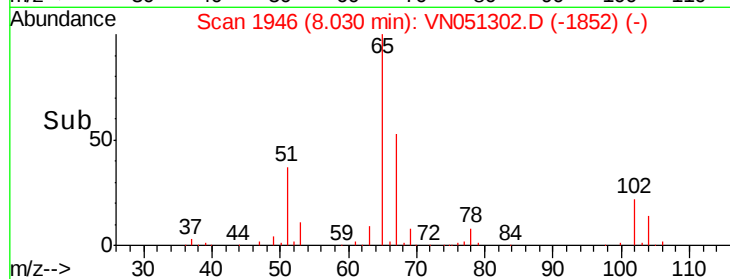
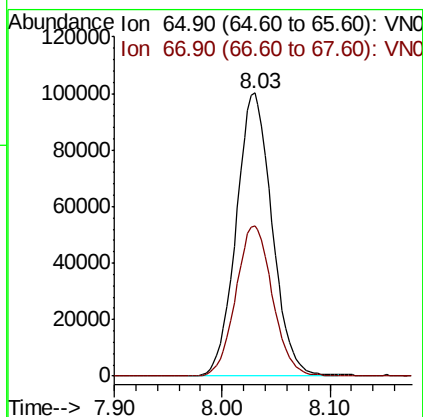
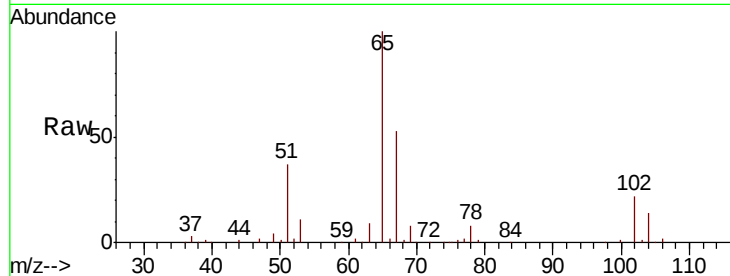




#33
 1,2-Dichloroethane-d4
 Concen: 50.701 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051302.D
 Acq: 18 Sep 2018 17:04

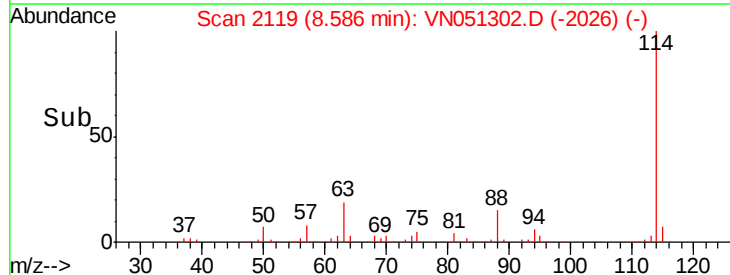
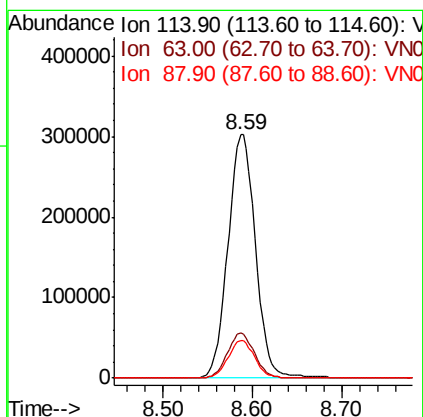
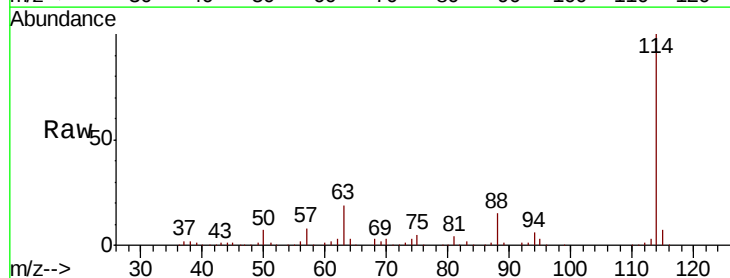
Instrument :
 MSVOA_N
 ClientSampled :
 RB12983RT

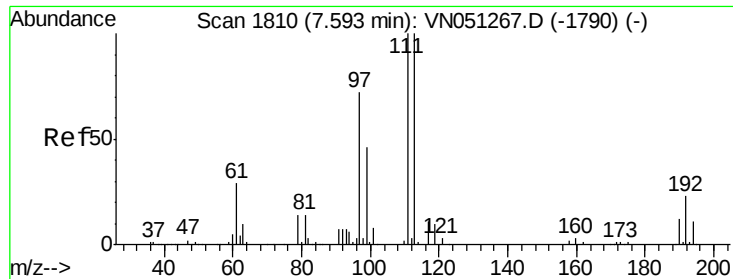
Tgt Ion: 65 Resp: 231659
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051302.D
 Acq: 18 Sep 2018 17:04

Tgt Ion: 114 Resp: 646697
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 36.8
 88 15.4 0.0 30.8

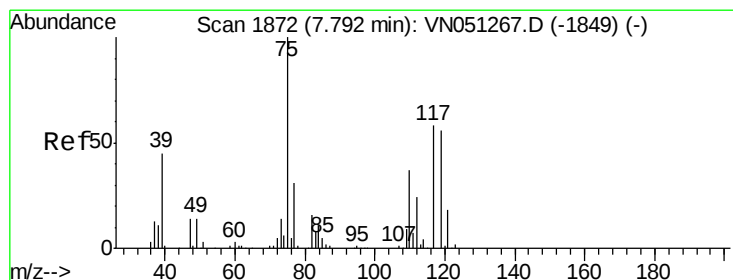
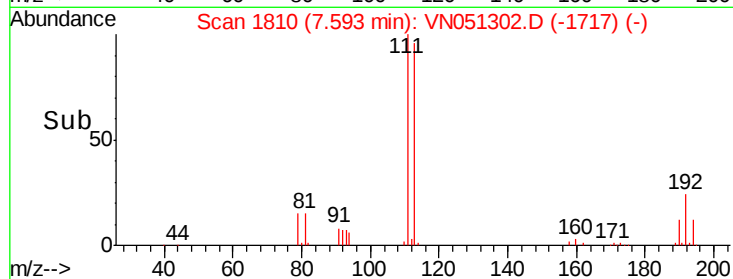
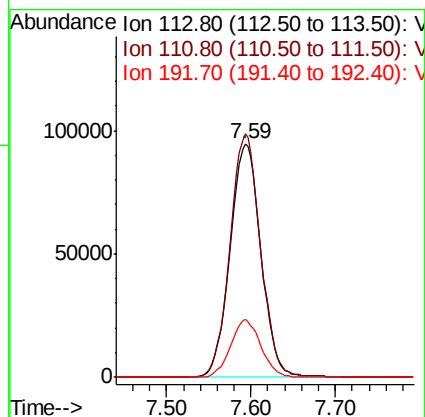
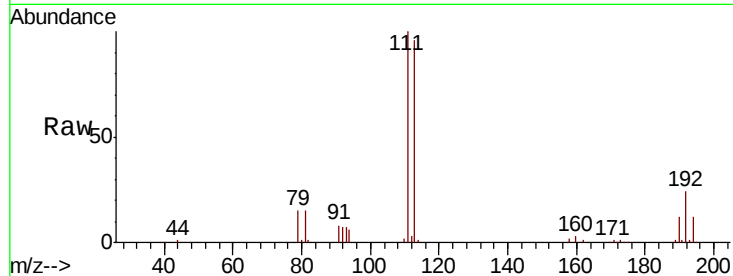




#35
 Dibromofluoromethane
 Concen: 47.935 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN051302.D
 Acq: 18 Sep 2018 17:04

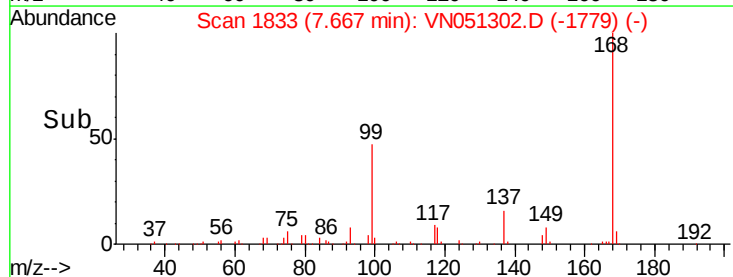
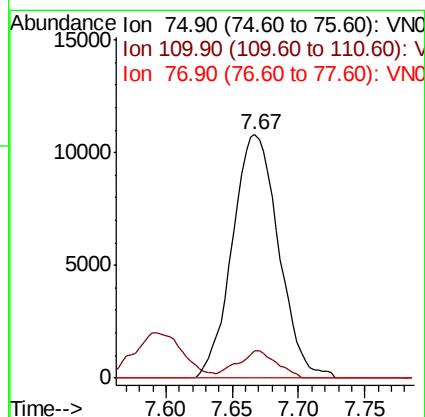
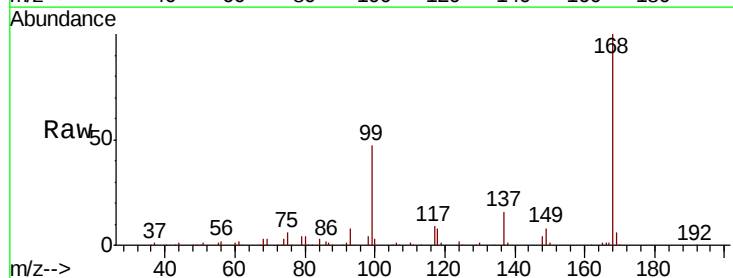
Instrument :
 MSVOA_N
 ClientSampleId :
 RB12983RT

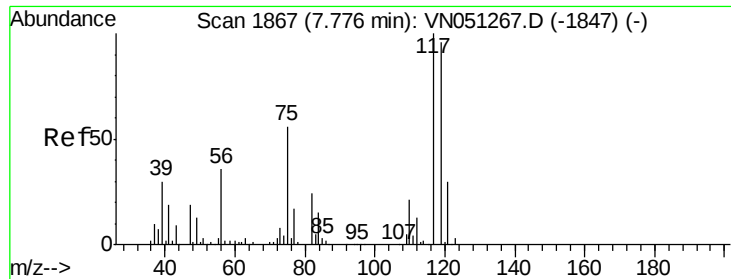
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.2	123.4
192	24.2	19.0	28.6



#36
 1,1-Dichloropropene
 Concen: 3.746 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN051302.D
 Acq: 18 Sep 2018 17:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.6	56.0#
77	0.0	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 4.723 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN051302.D

Acq: 18 Sep 2018 17:04

Instrument :

MSVOA_N

ClientSampleId :

RB12983RT

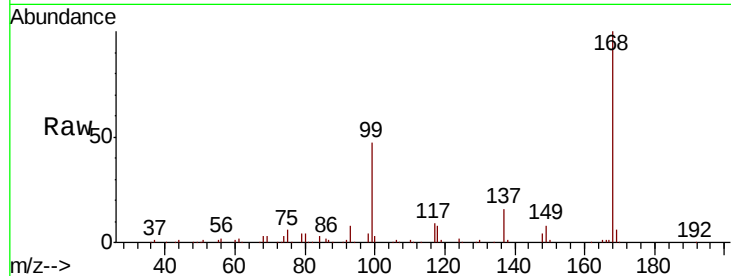
Tgt Ion:117 Resp: 34477

Ion Ratio Lower Upper

117 100

119 7.9 76.8 115.2#

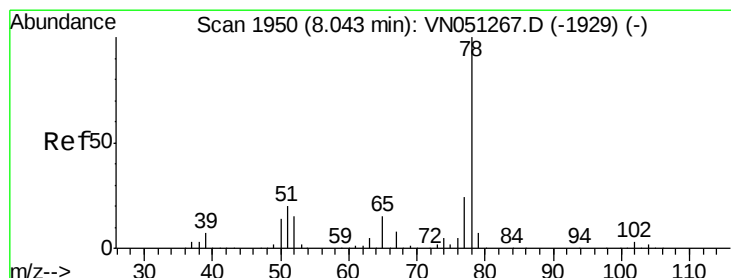
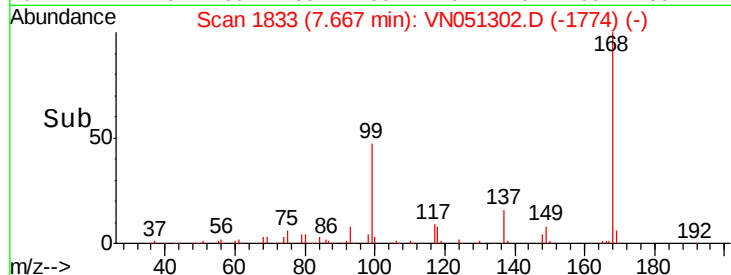
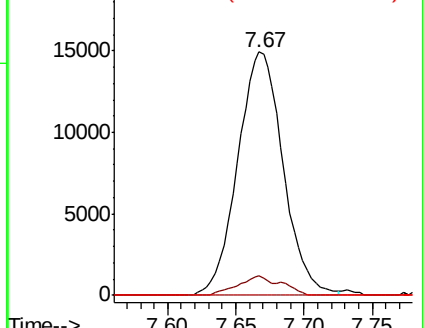
121 0.0 24.2 36.2#



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



#40

Benzene

Concen: 1.329 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. -0.00 min

Lab File: VN051302.D

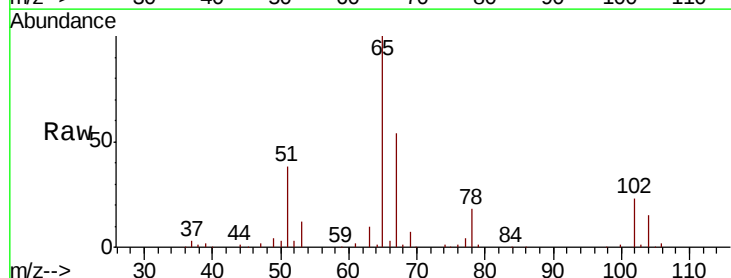
Acq: 18 Sep 2018 17:04

Tgt Ion: 78 Resp: 27686

Ion Ratio Lower Upper

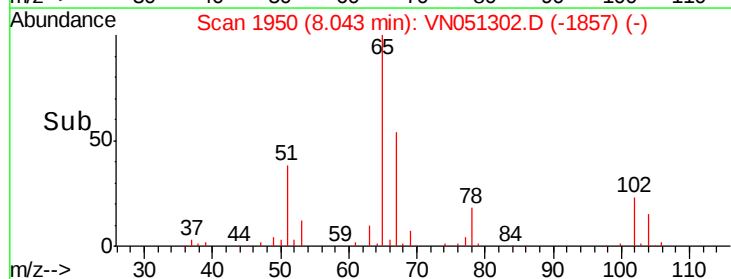
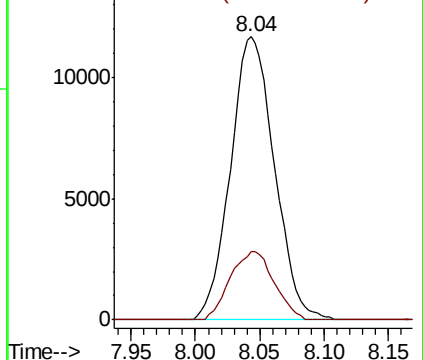
78 100

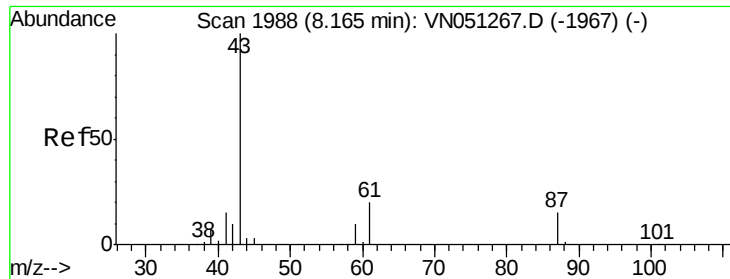
77 24.1 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0





#43

Isopropyl Acetate

Concen: 37.723 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051302.D

Acq: 18 Sep 2018 17:04

Instrument :

MSVOA_N

ClientSampleId :

RB12983RT

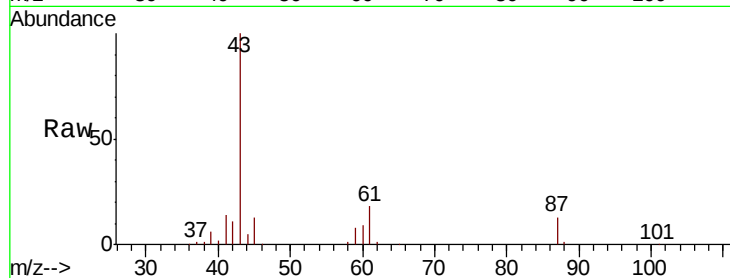
Tgt Ion: 43 Resp: 234902

Ion Ratio Lower Upper

43 100

61 16.3 17.4 26.2#

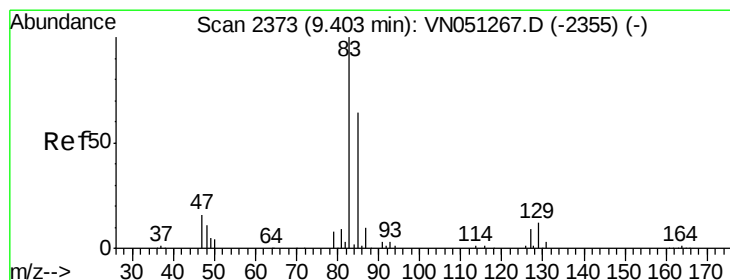
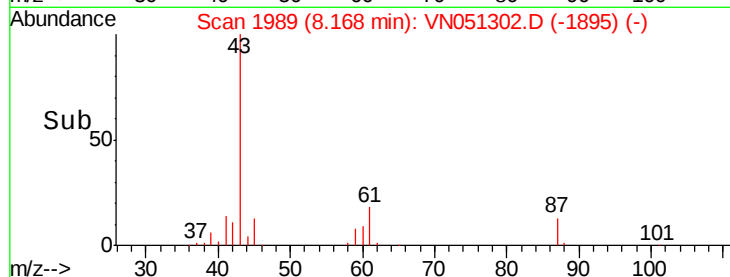
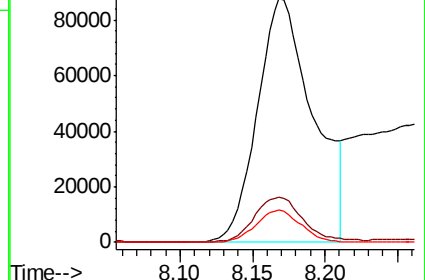
87 10.6 12.2 18.4#



Abundance Ion 43.00 (42.70 to 43.70): VN051302.D (-2355) (-)

Ion 61.00 (60.70 to 61.70): VN051302.D (-2355) (-)

Ion 87.00 (86.70 to 87.70): VN051302.D (-2355) (-)



#47

Bromodichloromethane

Concen: 0.561 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN051302.D

Acq: 18 Sep 2018 17:04

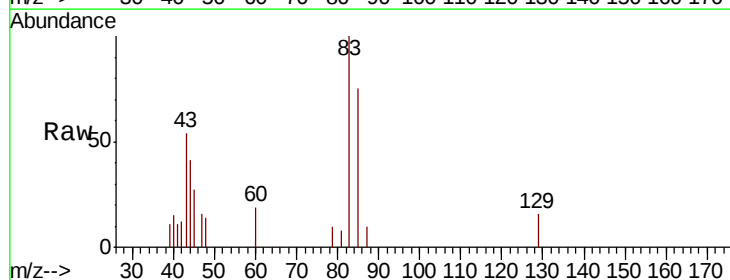
Tgt Ion: 83 Resp: 3849

Ion Ratio Lower Upper

83 100

85 74.6 51.0 76.4

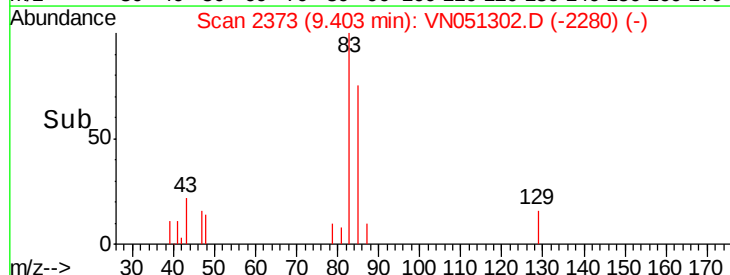
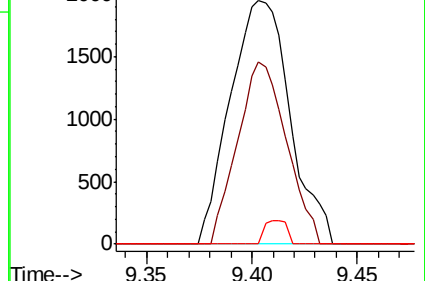
127 0.0 7.1 10.7#

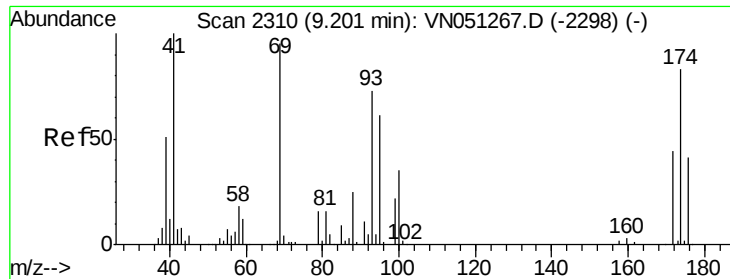


Abundance Ion 82.90 (82.60 to 83.60): VN051302.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN051302.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN051302.D (-2280) (-)

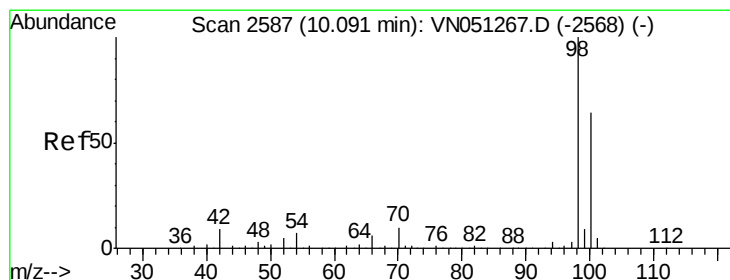
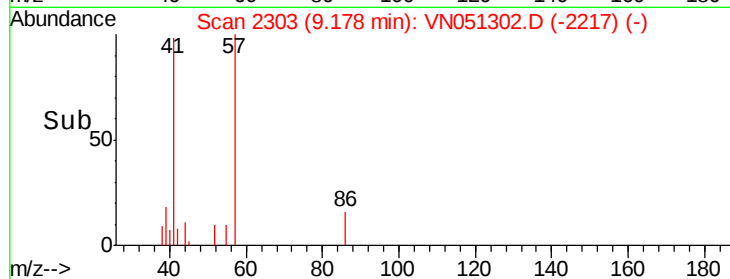
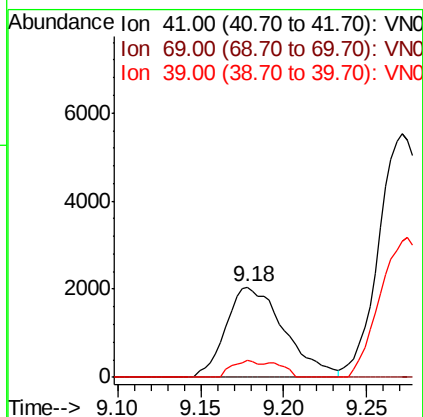
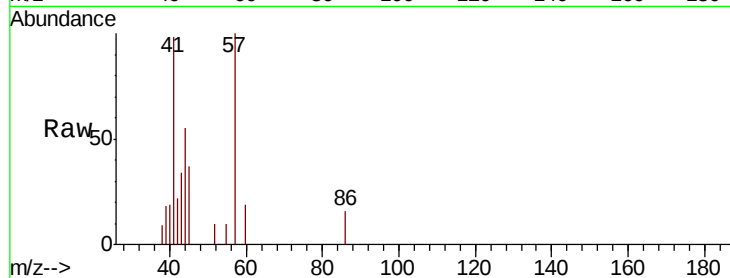




#48
Methyl methacrylate
Concen: 1.671 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN051302.D
Acq: 18 Sep 2018 17:04

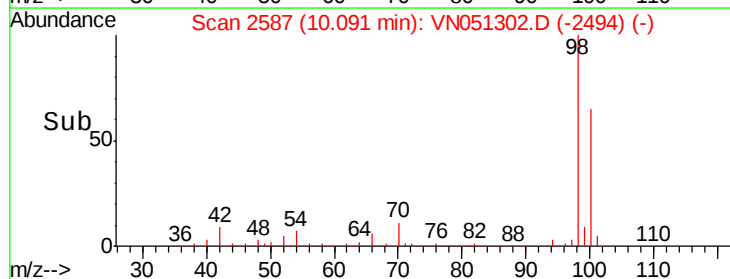
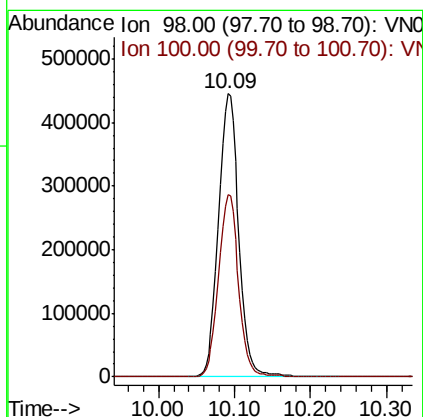
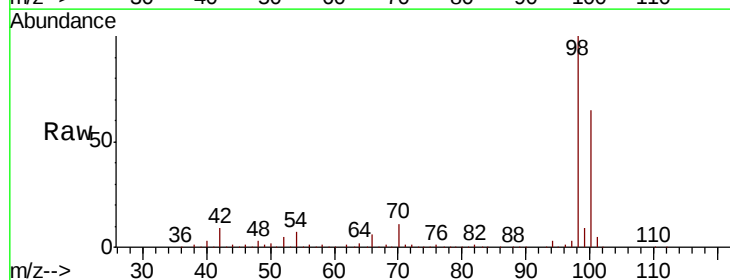
Instrument :
MSVOA_N
ClientSampleId :
RB12983RT

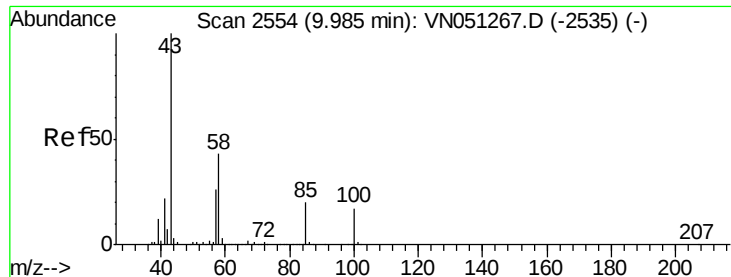
Tgt Ion: 41 Resp: 5012
Ion Ratio Lower Upper
41 100
69 0.0 78.9 118.3#
39 9.4 42.2 63.2#



#50
Toluene-d8
Concen: 44.451 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051302.D
Acq: 18 Sep 2018 17:04

Tgt Ion: 98 Resp: 825689
Ion Ratio Lower Upper
98 100
100 63.6 51.6 77.4

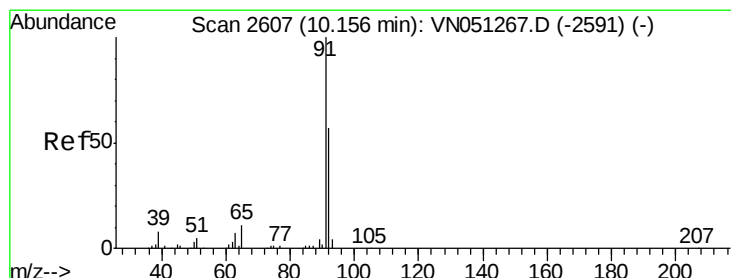
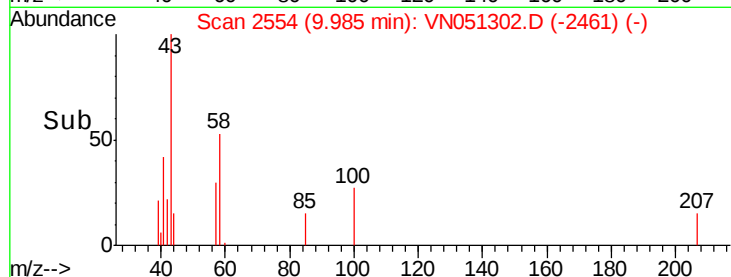
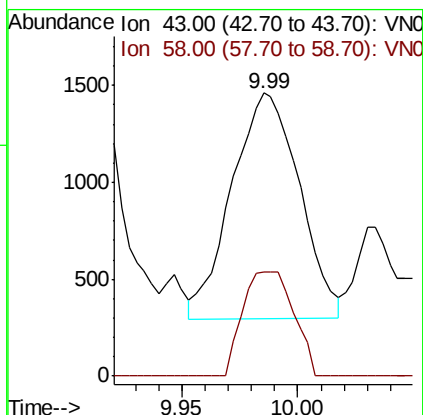
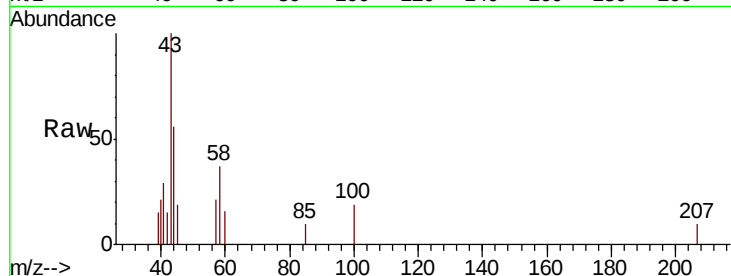




#51
 4-Methyl-2-Pentanone
 Concen: 0.736 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN051302.D
 Acq: 18 Sep 2018 17:04

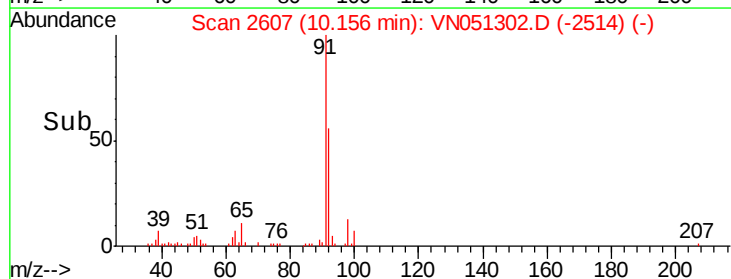
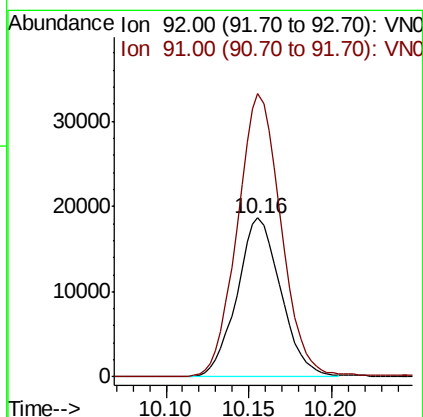
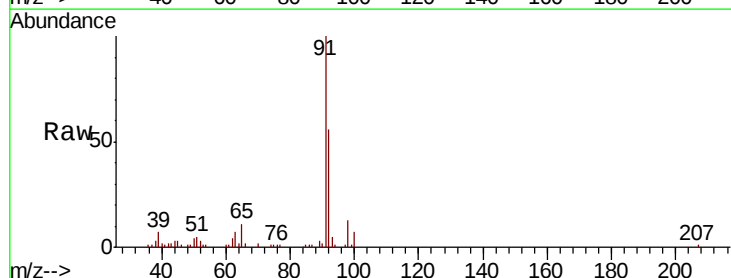
Instrument :
 MSVOA_N
 ClientSampleID :
 RB12983RT

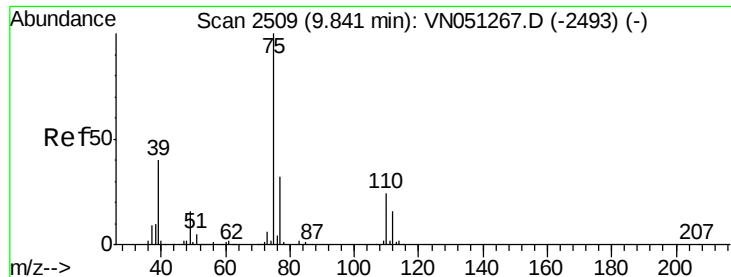
Tgt Ion: 43 Resp: 2364
 Ion Ratio Lower Upper
 43 100
 58 34.8 33.8 50.6



#52
 Toluene
 Concen: 2.757 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN051302.D
 Acq: 18 Sep 2018 17:04

Tgt Ion: 92 Resp: 34381
 Ion Ratio Lower Upper
 92 100
 91 177.8 139.2 208.8





#54

cis-1,3-Dichloropropene

Concen: 0.219 ug/l

RT: 9.90 min Scan# 2528

Delta R.T. 0.06 min

Lab File: VN051302.D

Acq: 18 Sep 2018 17:04

Instrument :

MSVOA_N

ClientSampled :

RB12983RT

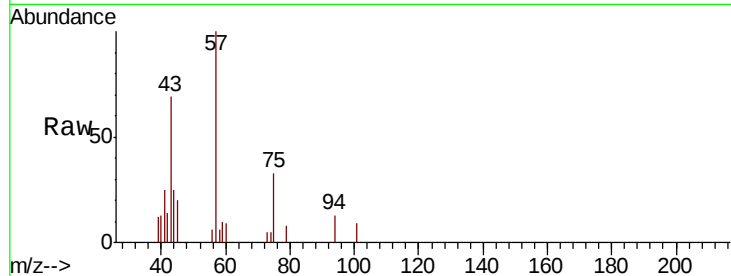
Tgt Ion: 75 Resp: 1684

Ion Ratio Lower Upper

75 100

77 0.0 25.8 38.8#

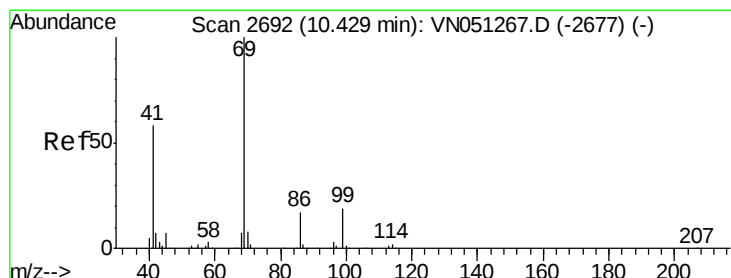
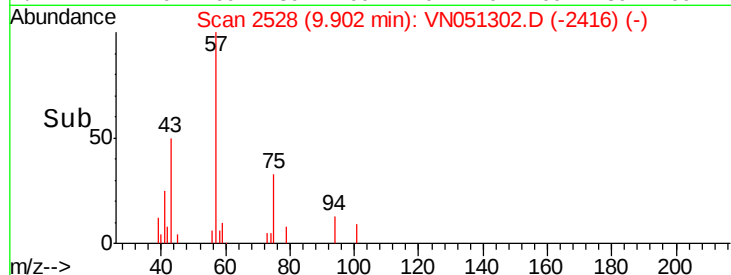
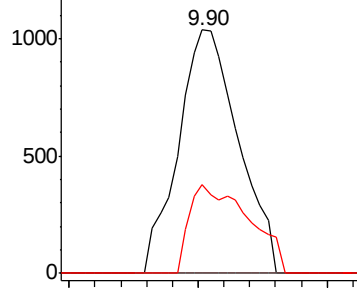
39 36.3 31.8 47.8



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: 2.083 ug/l

RT: 10.27 min Scan# 2642

Delta R.T. -0.16 min

Lab File: VN051302.D

Acq: 18 Sep 2018 17:04

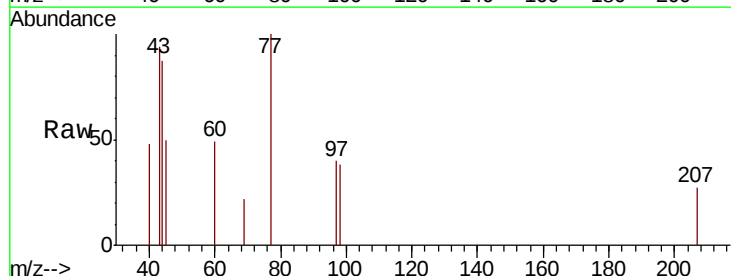
Tgt Ion: 69 Resp: 96

Ion Ratio Lower Upper

69 100

41 222.9 47.4 71.0#

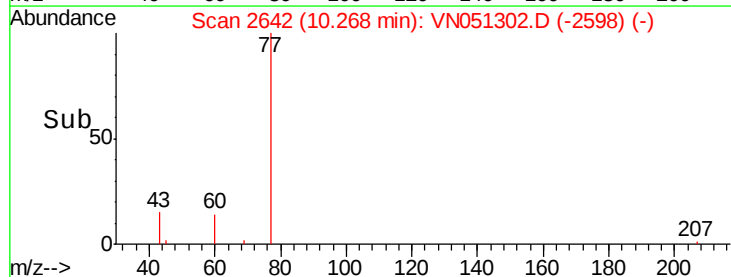
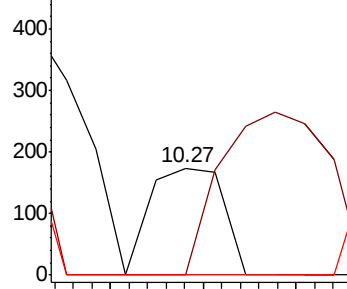
39 0.0 23.7 35.5#

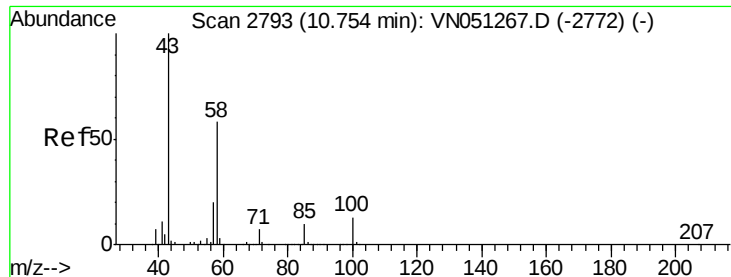


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

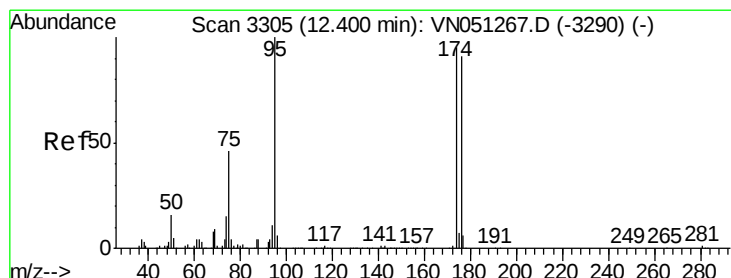
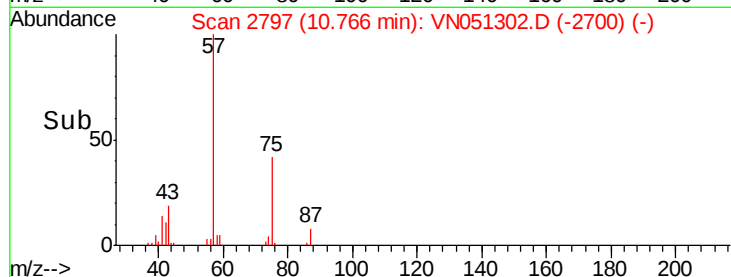
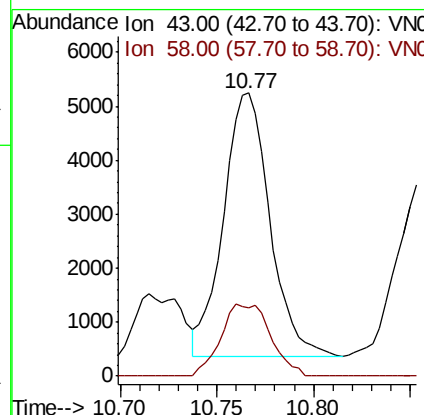
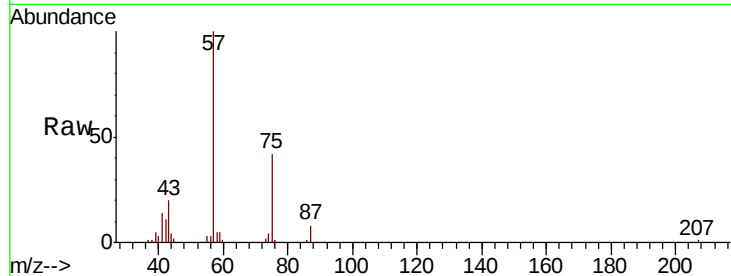




#59
2-Hexanone
Concen: 3.846 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN051302.D
Acq: 18 Sep 2018 17:04

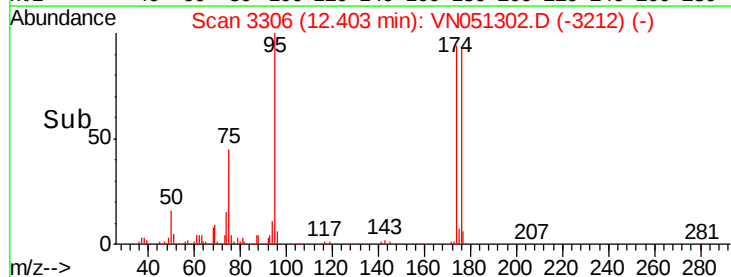
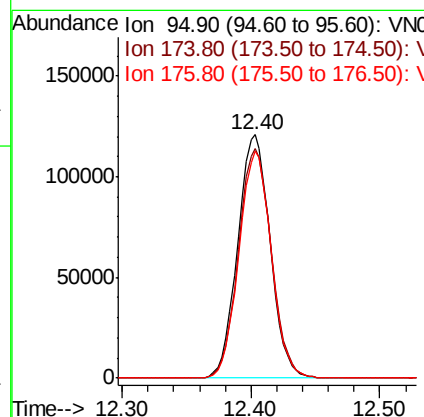
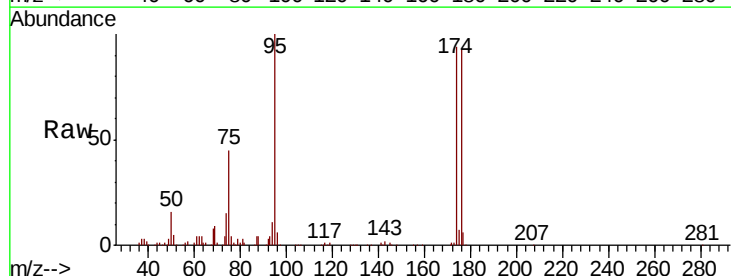
Instrument :
MSVOA_N
ClientSampleId :
RB12983RT

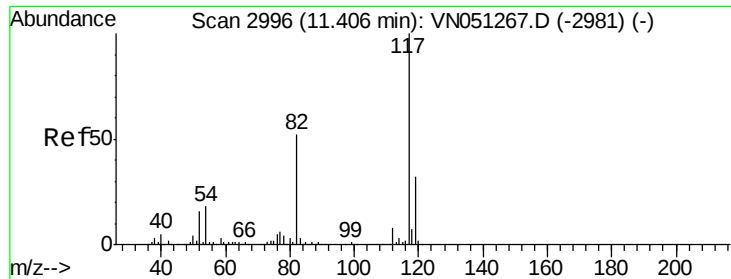
Tgt Ion: 43 Resp: 8136
Ion Ratio Lower Upper
43 100
58 29.3 28.9 86.8



#62
4-Bromofluorobenzene
Concen: 35.723 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051302.D
Acq: 18 Sep 2018 17:04

Tgt Ion: 95 Resp: 211061
Ion Ratio Lower Upper
95 100
174 95.5 0.0 189.6
176 93.0 0.0 182.6

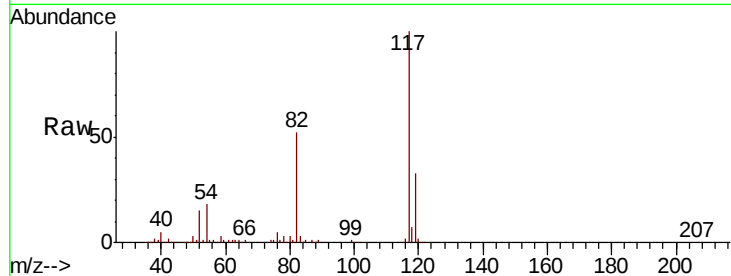




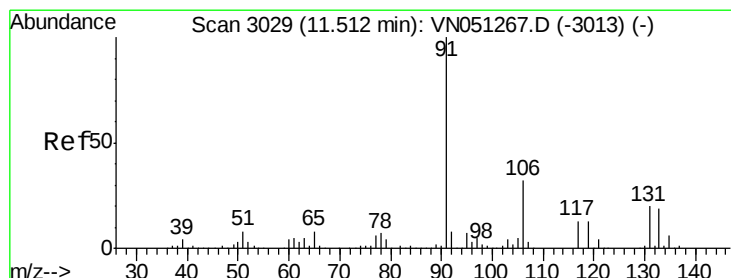
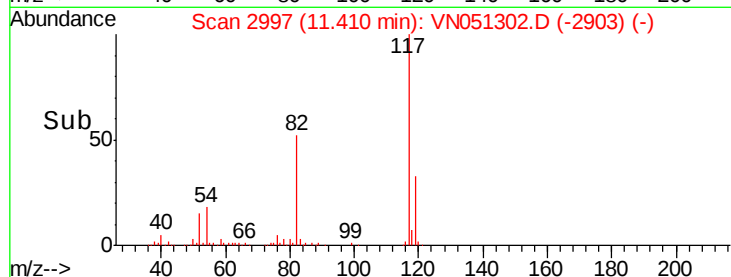
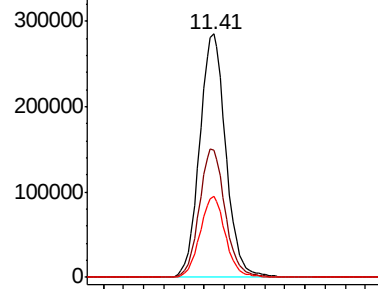
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051302.D
Acq: 18 Sep 2018 17:04

Instrument :
MSVOA_N
ClientSampled :
RB12983RT

Tgt Ion:117 Resp: 515178
Ion Ratio Lower Upper
117 100
82 52.4 41.8 62.8
119 33.1 25.6 38.4

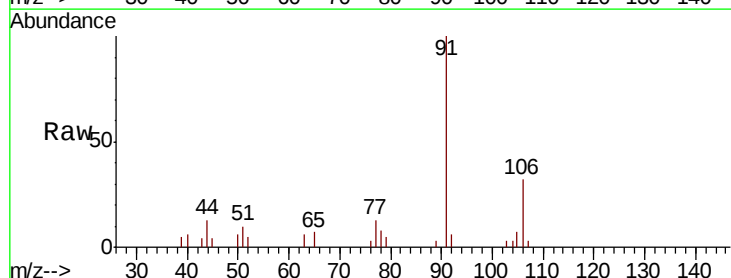


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

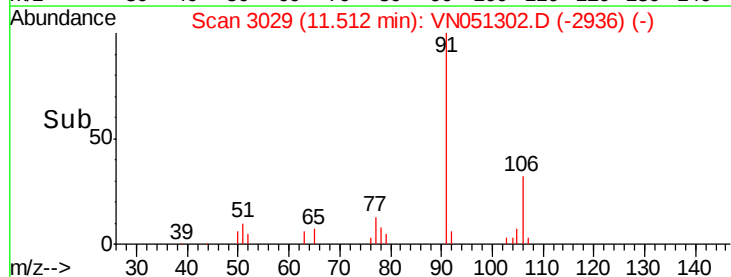
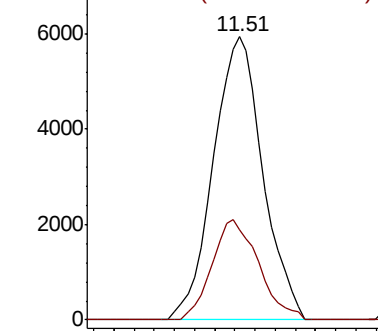


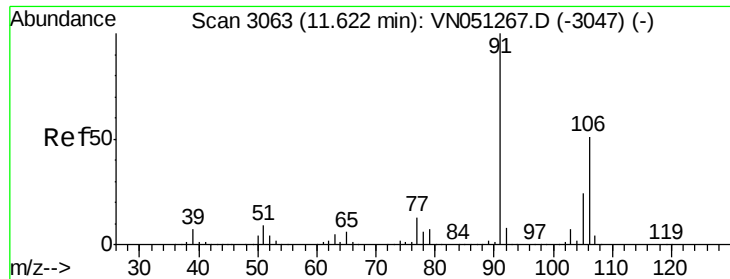
#67
Ethyl Benzene
Concen: 0.501 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN051302.D
Acq: 18 Sep 2018 17:04

Tgt Ion: 91 Resp: 10164
Ion Ratio Lower Upper
91 100
106 31.9 25.7 38.5



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

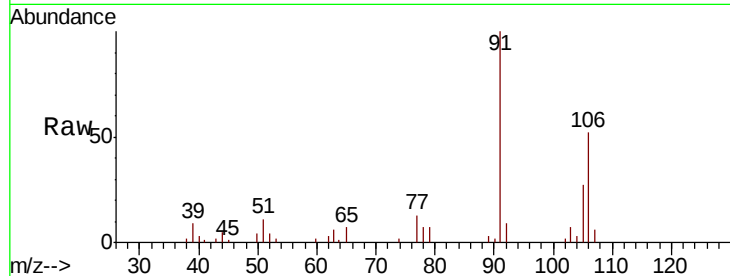




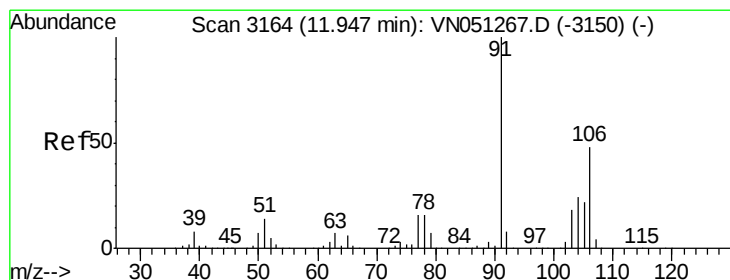
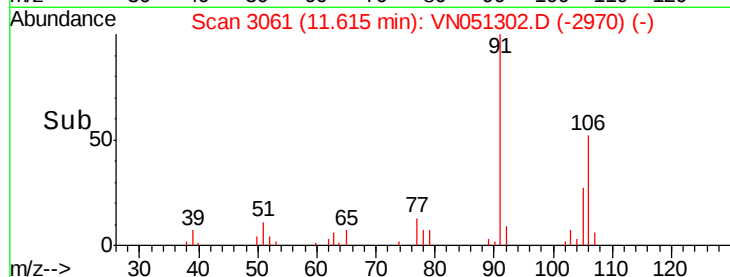
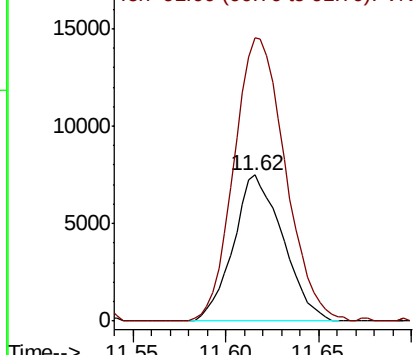
#68
m/p-Xylenes
Concen: 1.763 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN051302.D
Acq: 18 Sep 2018 17:04

Instrument :
MSVOA_N
ClientSampled :
RB12983RT

Tgt Ion:106 Resp: 13911
Ion Ratio Lower Upper
106 100
91 201.8 158.6 238.0

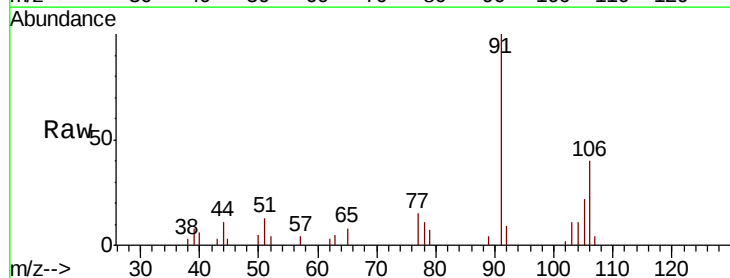


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

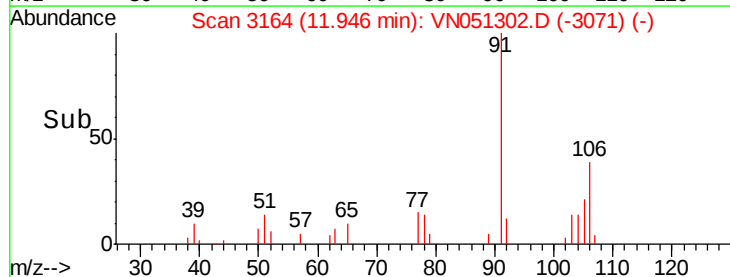
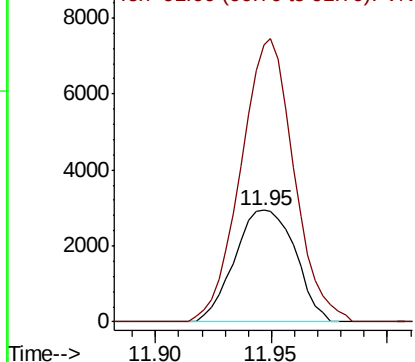


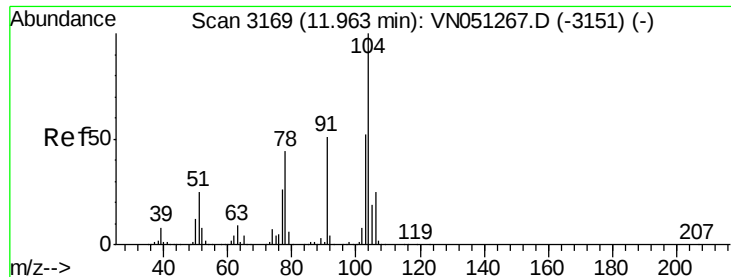
#69
o-Xylene
Concen: 0.709 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN051302.D
Acq: 18 Sep 2018 17:04

Tgt Ion:106 Resp: 5330
Ion Ratio Lower Upper
106 100
91 223.3 104.1 312.3



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

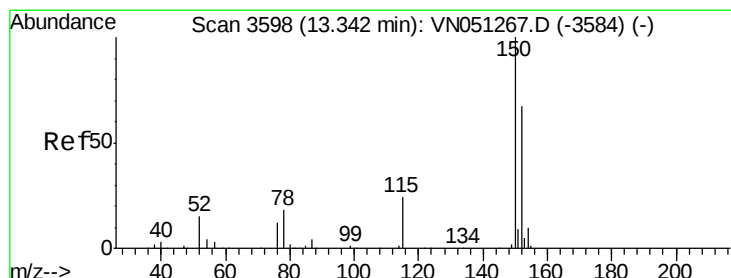
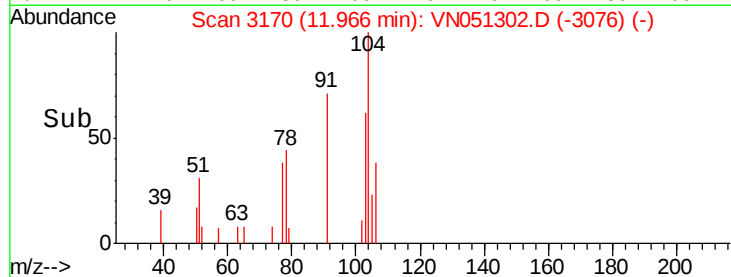
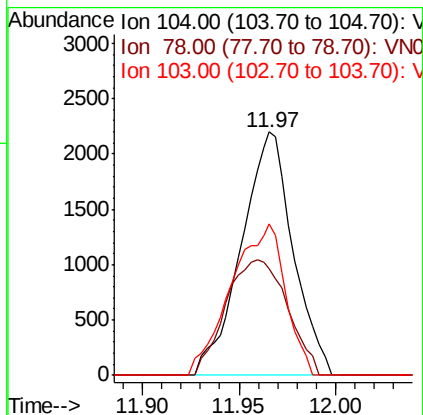
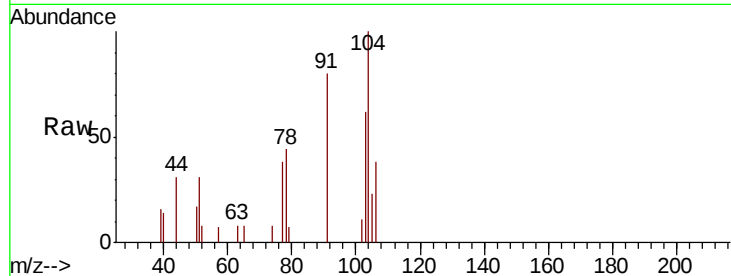




#70
Styrene
Concen: 1.543 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN051302.D
Acq: 18 Sep 2018 17:04

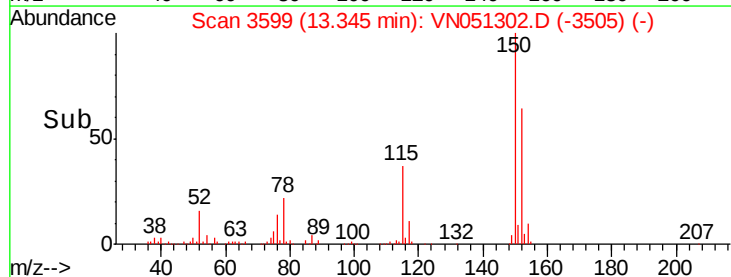
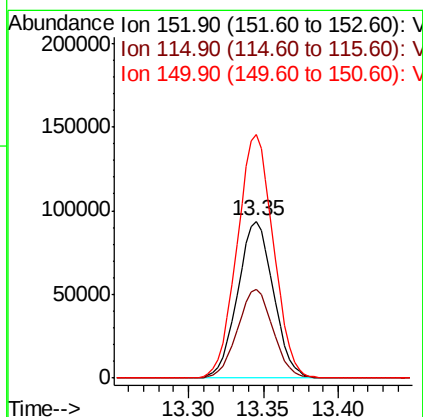
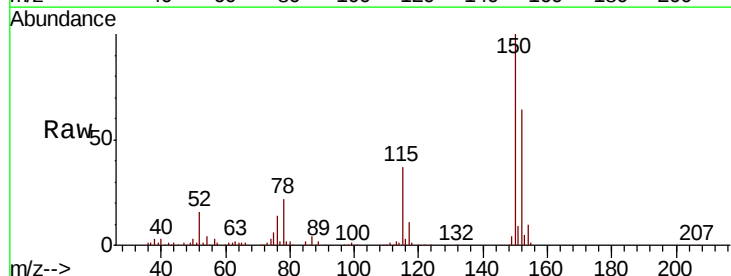
Instrument :
MSVOA_N
ClientSampleId :
RB12983RT

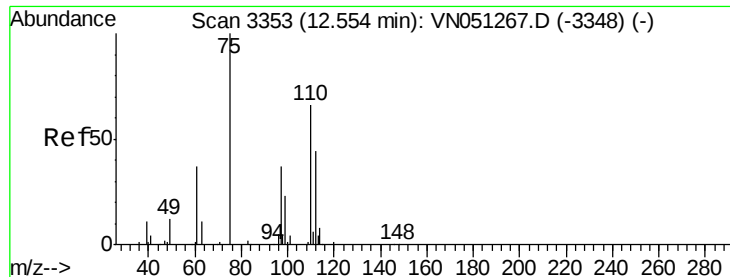
Tgt Ion:104 Resp: 4085
Ion Ratio Lower Upper
104 100
78 56.6 38.1 57.1
103 65.3 44.8 67.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051302.D
Acq: 18 Sep 2018 17:04

Tgt Ion:152 Resp: 155851
Ion Ratio Lower Upper
152 100
115 56.3 27.1 81.2
150 157.2 0.0 349.0





#76

1,2,3-Trichloropropane

Concen: 44.727 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN051302.D

Acq: 18 Sep 2018 17:04

Instrument :

MSVOA_N

ClientSampled :

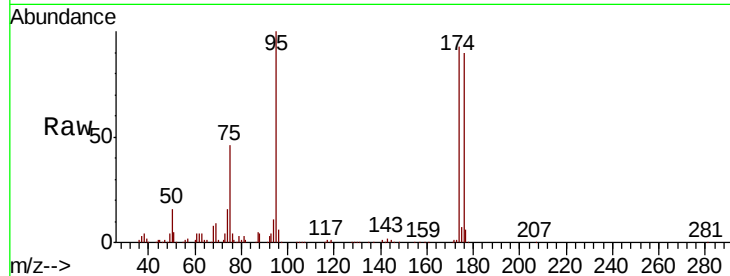
RB12983RT

Tgt Ion: 75 Resp: 95917

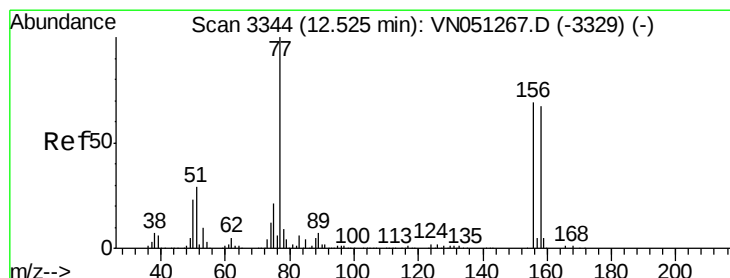
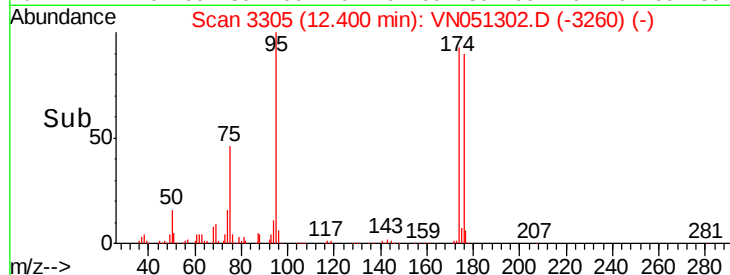
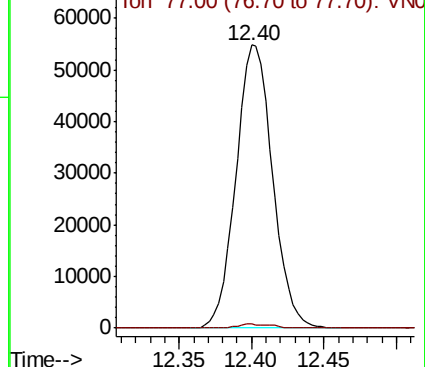
Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN051302.D (-3260) (-)



#77

Bromobenzene

Concen: Below Cal

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN051302.D

Acq: 18 Sep 2018 17:04

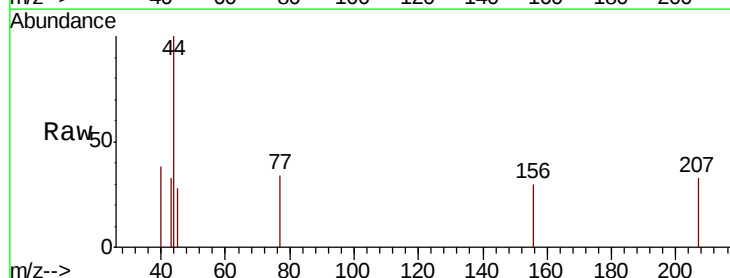
Tgt Ion: 156 Resp: 113

Ion Ratio Lower Upper

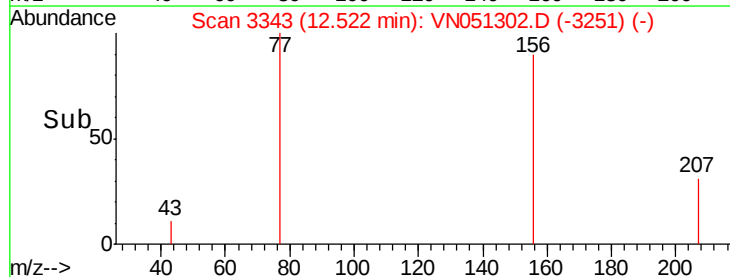
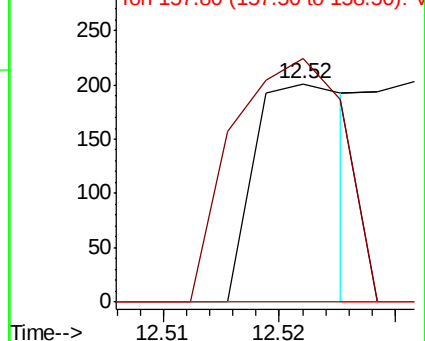
156 100

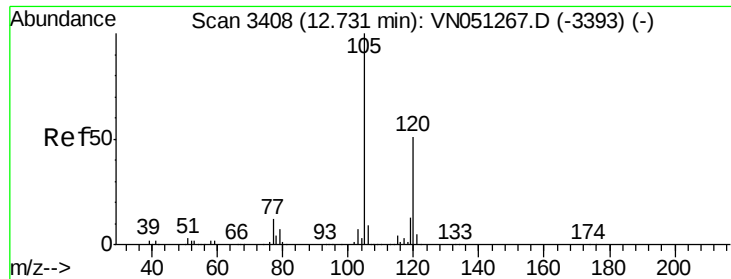
77 131.9 83.7 251.1

158 0.0 49.0 147.2#



Abundance Ion 155.80 (155.50 to 156.50): VN051302.D (-3251) (-)

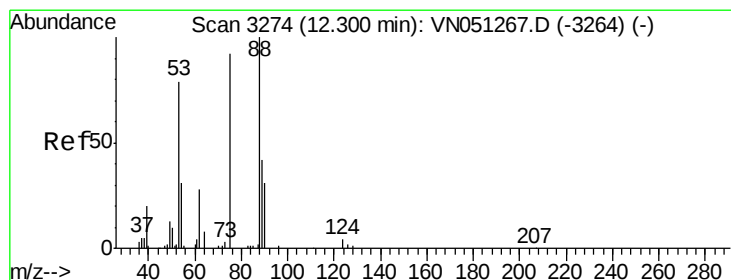
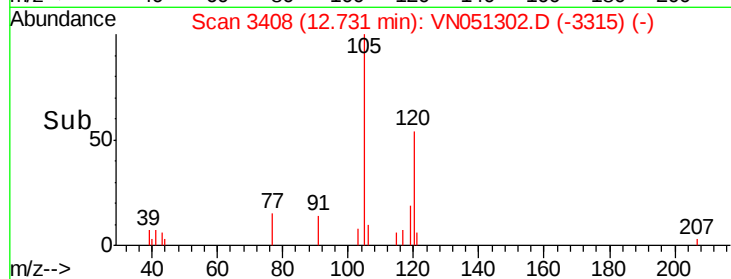
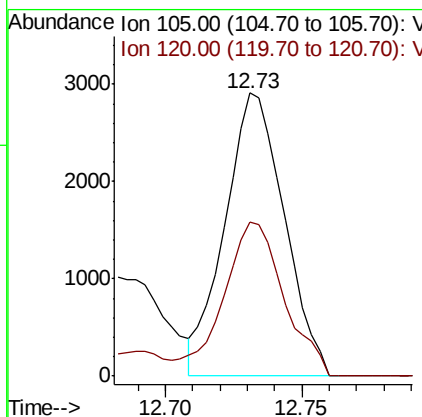
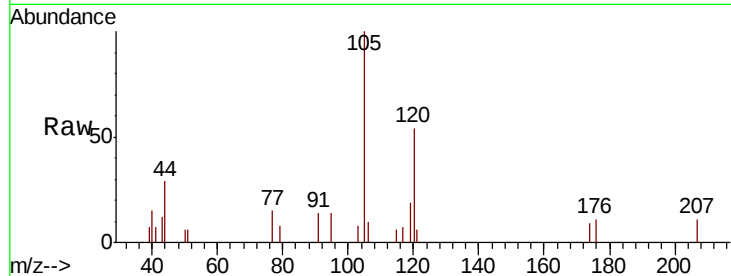




#80
 1,3,5-Trimethylbenzene
 Concen: 0.419 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN051302.D
 Acq: 18 Sep 2018 17:04

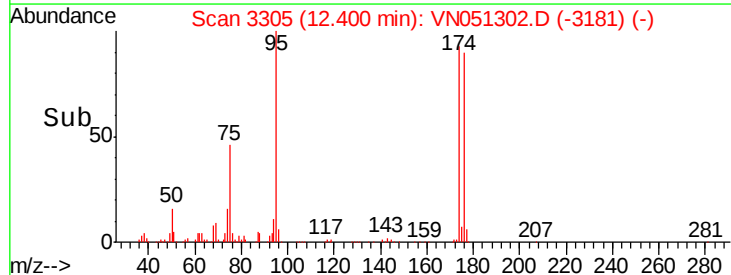
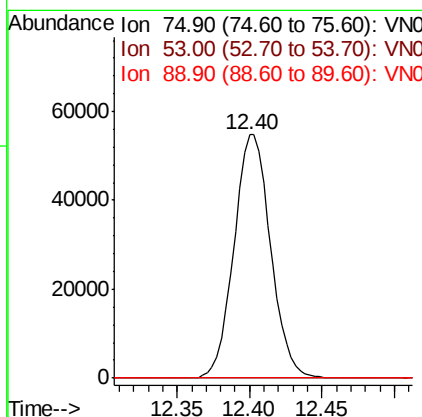
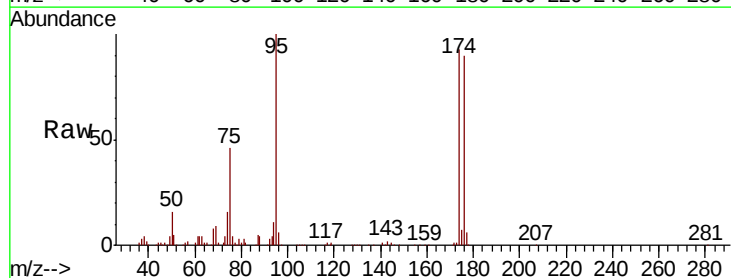
Instrument :
 MSVOA_N
 ClientSampleId :
 RB12983RT

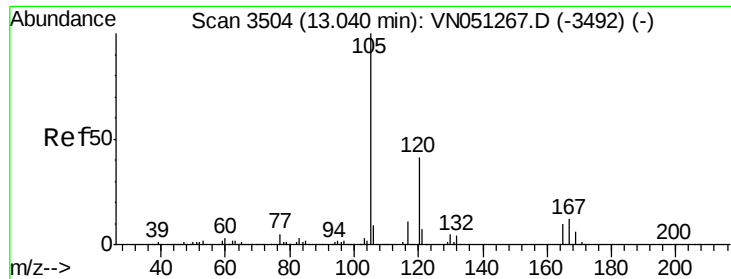
Tgt Ion: 105 Resp: 4399
 Ion Ratio Lower Upper
 105 100
 120 55.8 25.3 75.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 136.691 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN051302.D
 Acq: 18 Sep 2018 17:04

Tgt Ion: 75 Resp: 95917
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.7 101.5#
 89 0.0 36.9 55.3#





#84

1,2,4-Trimethylbenzene

Concen: 0.932 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN051302.D

Acq: 18 Sep 2018 17:04

Instrument :

MSVOA_N

ClientSampleId :

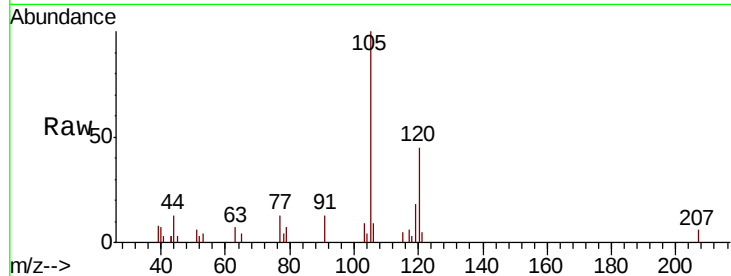
RB12983RT

Tgt Ion:105 Resp: 9510

Ion Ratio Lower Upper

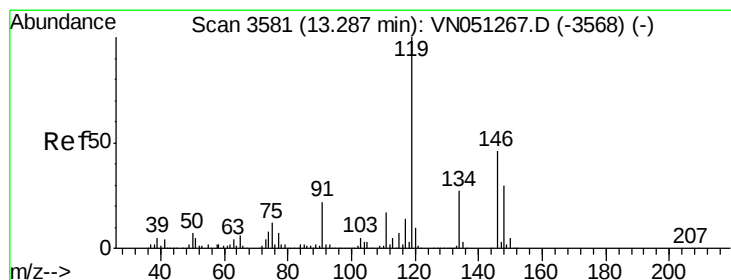
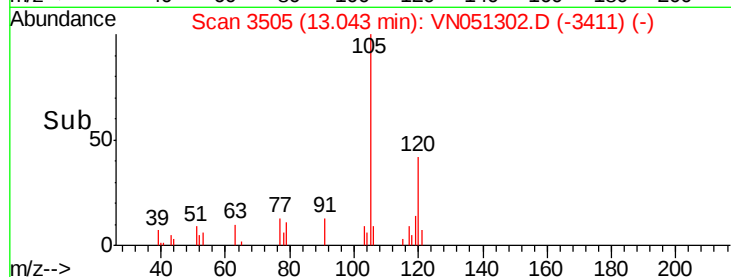
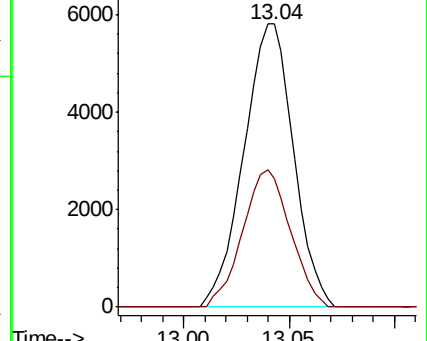
105 100

120 46.7 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#86

p-Isopropyltoluene

Concen: 0.540 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN051302.D

Acq: 18 Sep 2018 17:04

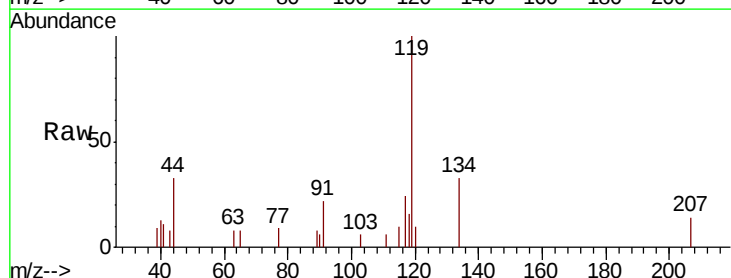
Tgt Ion:119 Resp: 5337

Ion Ratio Lower Upper

119 100

134 26.1 13.5 40.5

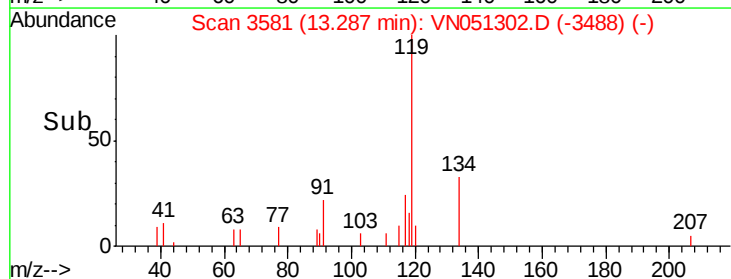
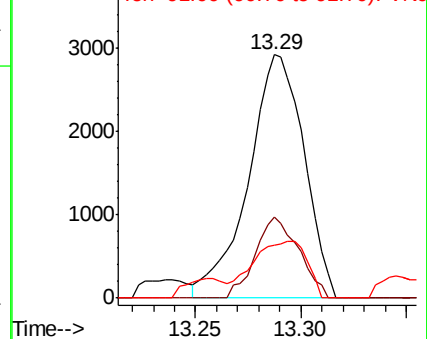
91 22.9 11.1 33.1

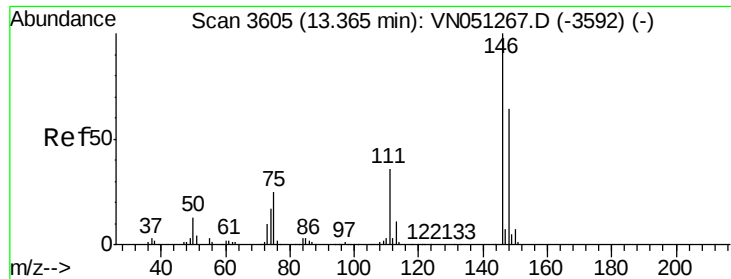


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#88

1,4-Dichlorobenzene

Concen: 0.438 ug/l

RT: 13.36 min Scan# 3603

Delta R.T. -0.01 min

Lab File: VN051302.D

Acq: 18 Sep 2018 17:04

Instrument :

MSVOA_N

ClientSampled :

RB12983RT

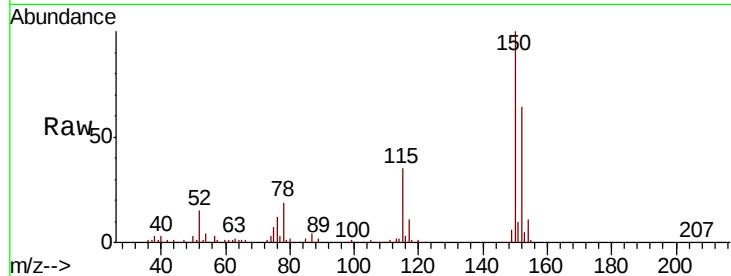
Tgt Ion:146 Resp: 146

Ion Ratio Lower Upper

146 100

111 1280.8 18.2 54.6#

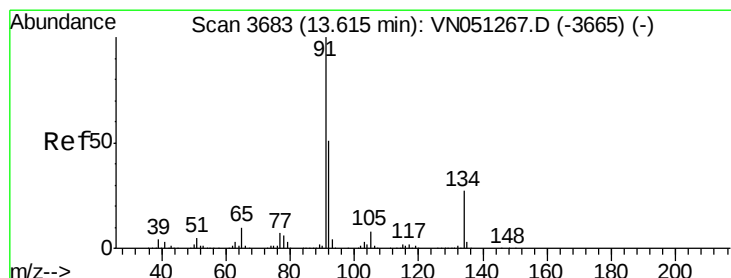
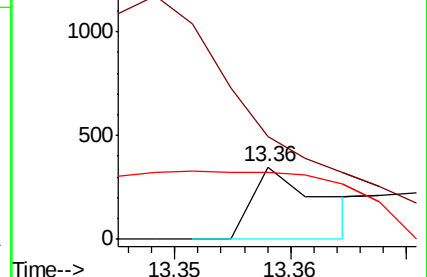
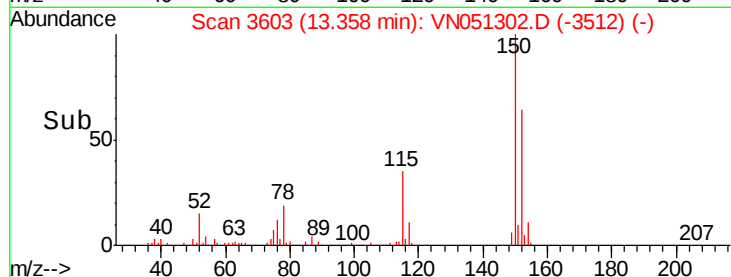
148 425.3 31.9 95.7#



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



#89

n-Butylbenzene

Concen: 2.065 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN051302.D

Acq: 18 Sep 2018 17:04

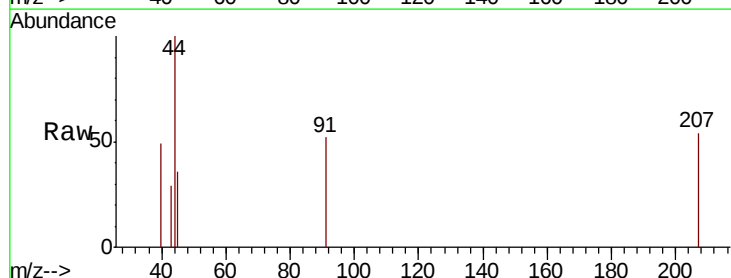
Tgt Ion: 91 Resp: 399

Ion Ratio Lower Upper

91 100

92 7.8 25.8 77.4#

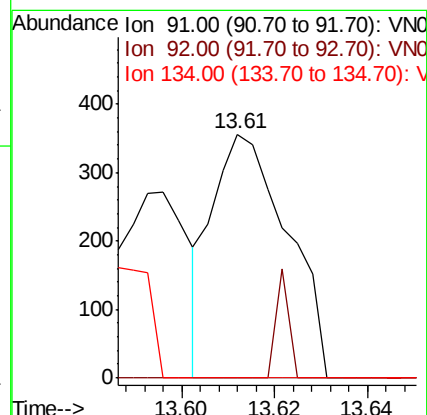
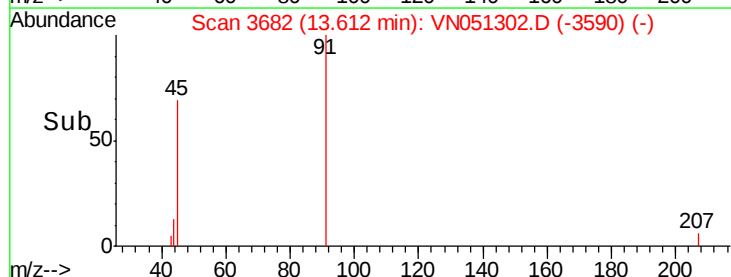
134 0.0 13.7 41.0#

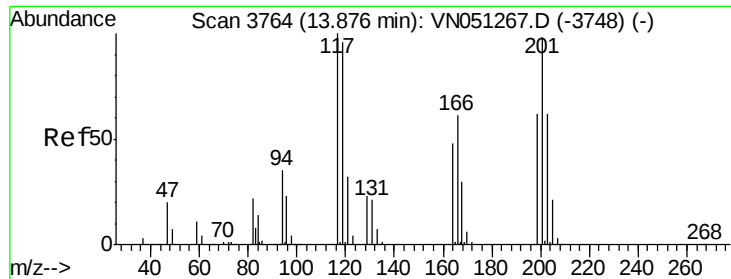


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: Below Cal

RT: 13.94 min Scan# 3785

Delta R.T. 0.07 min

Lab File: VN051302.D

Acq: 18 Sep 2018 17:04

Instrument :

MSVOA_N

ClientSampleId :

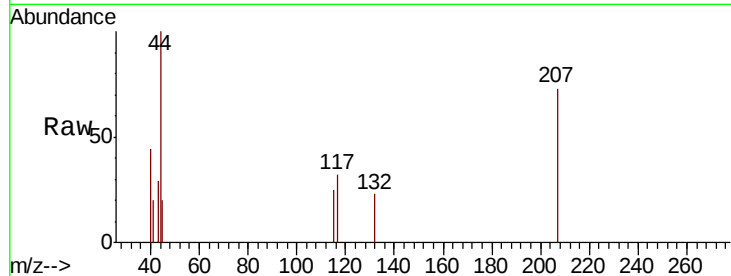
RB12983RT

Tgt Ion:117 Resp: 200

Ion Ratio Lower Upper

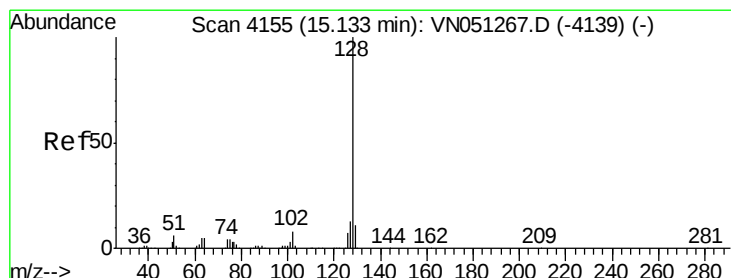
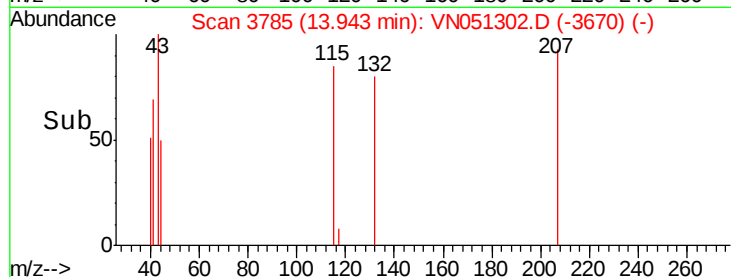
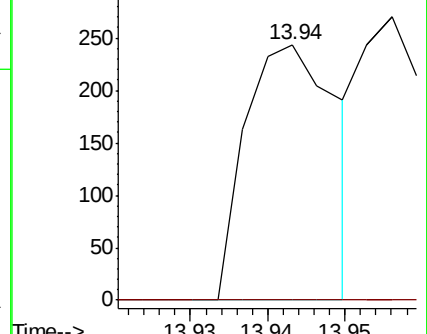
117 100

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



#95

Naphthalene

Concen: 19.557 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051302.D

Acq: 18 Sep 2018 17:04

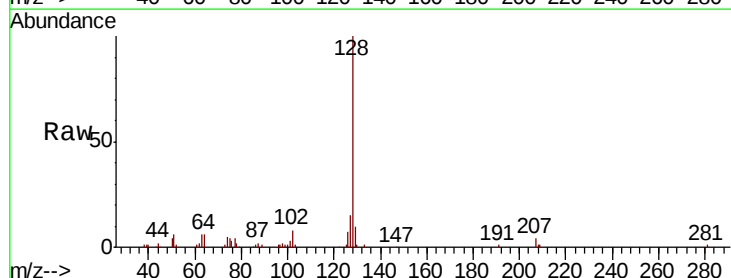
Tgt Ion:128 Resp: 75434

Ion Ratio Lower Upper

128 100

127 14.5 10.7 16.1

129 10.7 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

