

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021119\
 Data File : VN053699.D
 Acq On : 11 Feb 2019 12:46
 Operator : JC/SP
 Sample : K1424-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS2-RB200035

Quant Time: Feb 11 22:07:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	782156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1290345	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1198507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	522870	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	413270	52.67	ug/l	0.00
Spiked Amount			Recovery	=	105.34%	
35) Dibromofluoromethane	7.59	113	411467	50.47	ug/l	0.00
Spiked Amount			Recovery	=	100.94%	
50) Toluene-d8	10.09	98	1558511	50.91	ug/l	0.00
Spiked Amount			Recovery	=	101.82%	
62) 4-Bromofluorobenzene	12.40	95	535117	52.41	ug/l	0.00
Spiked Amount			Recovery	=	104.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	4.56	41	26927	2.335	ug/l #	27
16) Acetone	3.82	43	177073	87.980	ug/l	100
18) Methyl Acetate	4.33	43	5178	0.869	ug/l	98
20) Methylene Chloride	4.55	84	757457	89.705	ug/l	99
25) 2-Butanone	6.84	43	10601	3.693	ug/l	100
31) Cyclohexane	7.66	56	11336	0.687	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	45764	3.934	ug/l #	48
37) Ethyl Acetate	6.94	43	18569	2.858	ug/l #	93
38) Carbon Tetrachloride	7.67	117	65352	5.577	ug/l #	16
43) Isopropyl Acetate	8.33	43	212237	16.917	ug/l #	51
48) Methyl methacrylate	9.18	41	5348	0.893	ug/l #	23
51) 4-Methyl-2-Pentanone	9.99	43	8872	1.439	ug/l #	83
54) cis-1,3-Dichloropropene	9.90	75	27063	1.983	ug/l #	61
59) 2-Hexanone	10.76	43	6219	1.486	ug/l	64
67) Ethyl Benzene	11.51	91	203335	4.862	ug/l	100
68) m/p-Xylenes	11.62	106	411450	25.779	ug/l	99
69) o-Xylene	11.95	106	206822	13.413	ug/l	100
70) Styrene	11.95	104	11580	0.463	ug/l #	1
71) Bromoform	12.40	173	3725	0.611	ug/l #	1
73) Isopropylbenzene	12.25	105	9286	0.253	ug/l	100
76) 1,2,3-Trichloropropane	12.40	75	251315	37.421	ug/l #	100
78) n-propylbenzene	12.59	91	55667	1.310	ug/l	100
79) 2-Chlorotoluene	12.66	91	41959	1.664	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.73	105	246116	8.075	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	251315	105.224	ug/l #	15
82) 4-Chlorotoluene	12.73	91	25462	0.984	ug/l #	39
83) tert-Butylbenzene	13.04	119	169785	6.302	ug/l #	70
84) 1,2,4-Trimethylbenzene	13.04	105	1369087	44.087	ug/l	99
85) sec-Butylbenzene	13.04	105	1369087	37.346	ug/l #	56
86) p-Isopropyltoluene	13.23	119	19376	0.604	ug/l	99
89) n-Butylbenzene	13.58	91	17377	0.626	ug/l #	1
90) Hexachloroethane	13.89	117	4668	0.883	ug/l #	3
95) Naphthalene	15.13	128	41200	3.468	ug/l	99

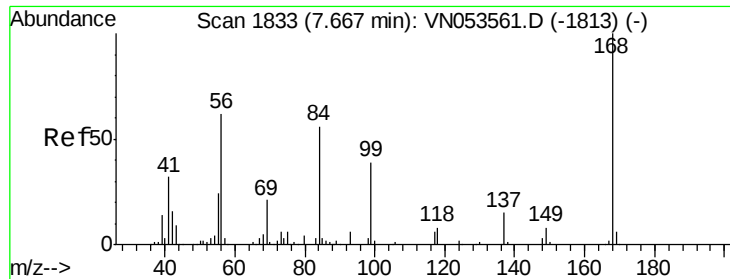
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021119\
Data File : VN053699.D
Acq On : 11 Feb 2019 12:46
Operator : JC/SP
Sample : K1424-03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SS2-RB200035

Quant Time: Feb 11 22:07:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration

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

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053699.D

Acq: 11 Feb 2019 12:46

Instrument :

MSVOA_N

ClientSampleId :

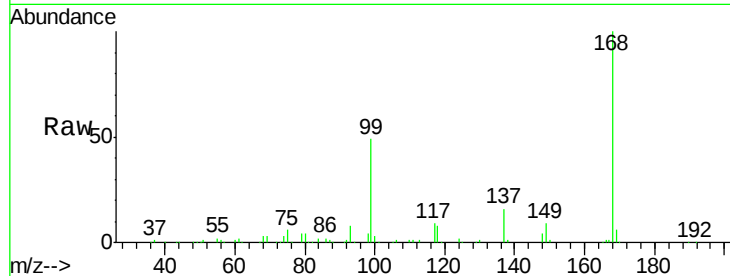
SS2-RB200035

Tot Ion:168 Resp: 782156

Ion Ratio Lower Upper

168 100

99 49.1 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

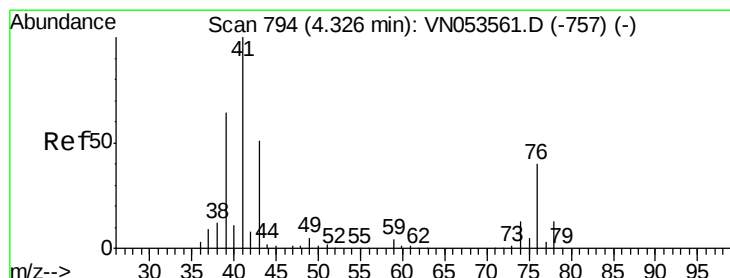
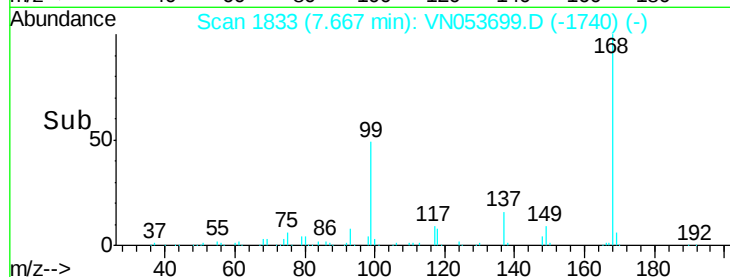
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#14

Allyl chloride

Concen: 2.335 ug/l

RT: 4.56 min Scan# 867

Delta R.T. 0.23 min

Lab File: VN053699.D

Acq: 11 Feb 2019 12:46

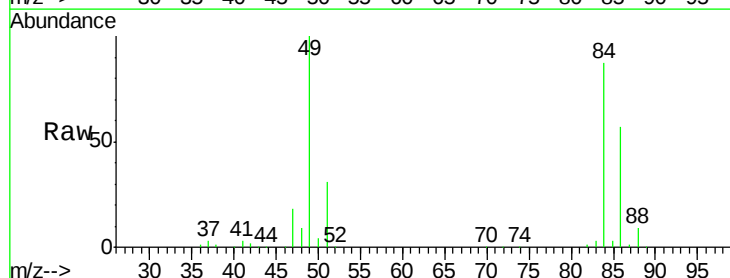
Tgt Ion: 41 Resp: 26927

Ion Ratio Lower Upper

41 100

39 0.0 48.9 73.3#

76 0.0 29.4 44.2#



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

4.56

12000

10000

8000

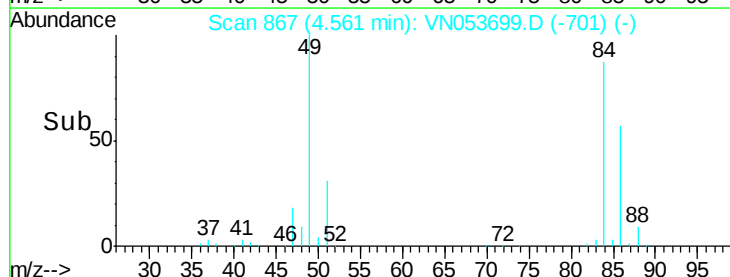
6000

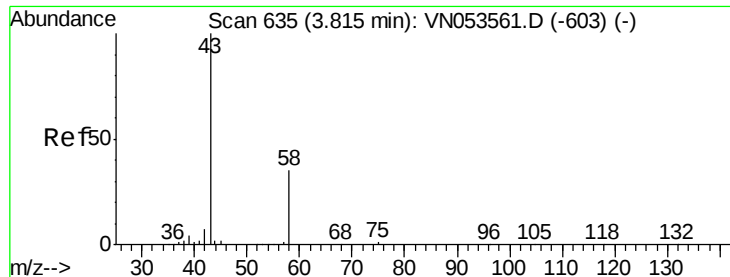
4000

2000

0

Time--> 4.45 4.50 4.55 4.60 4.65





#16

Acetone

Concen: 87.980 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053699.D

Acq: 11 Feb 2019 12:46

Instrument :

MSVOA_N

ClientSampleId :

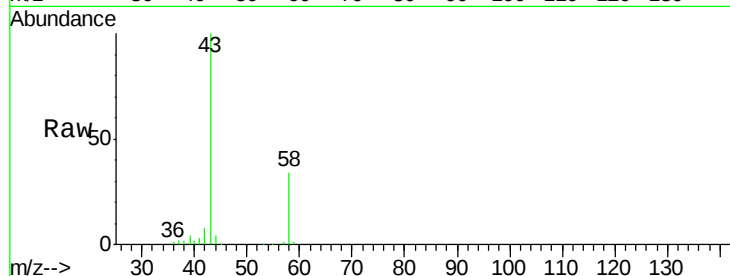
SS2-RB200035

Tot Ion: 43 Resp: 177073

Ion Ratio Lower Upper

43 100

58 34.1 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

60000

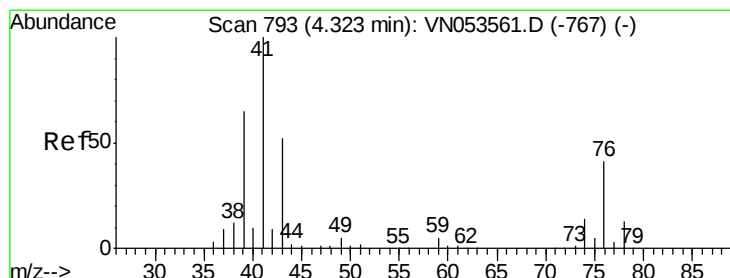
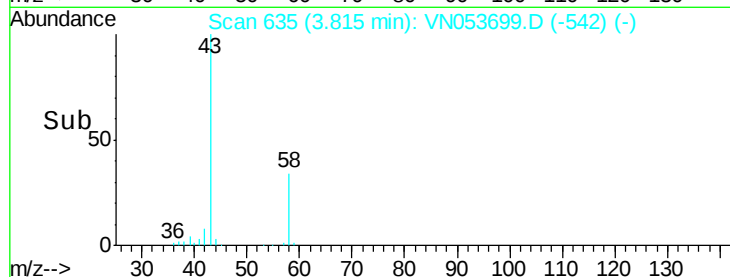
40000

20000

0

Time-->

3.70 3.80 3.90 4.00



#18

Methyl Acetate

Concen: 0.869 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN053699.D

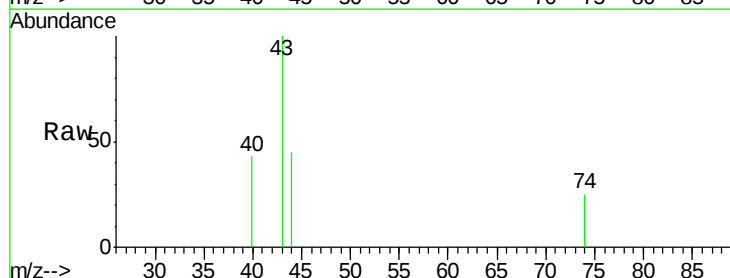
Acq: 11 Feb 2019 12:46

Tgt Ion: 43 Resp: 5178

Ion Ratio Lower Upper

43 100

74 25.4 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.33

2000

1500

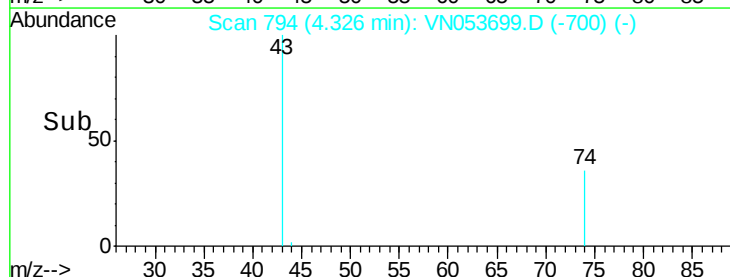
1000

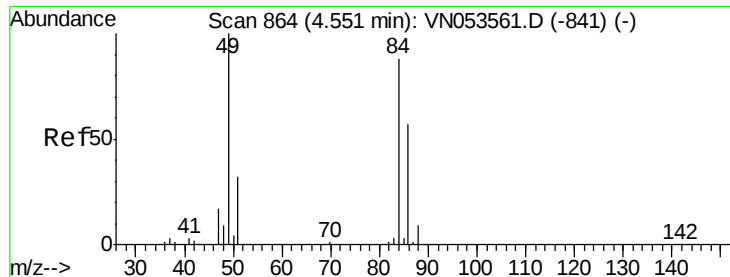
500

0

Time-->

4.25 4.30 4.35 4.40

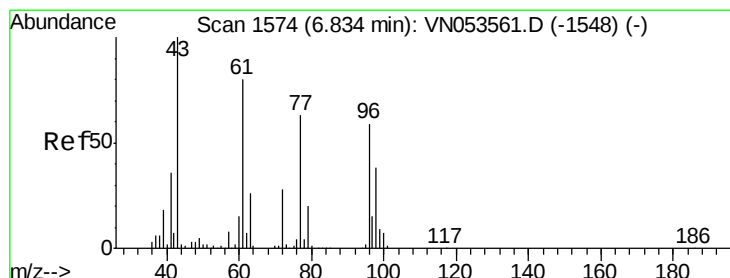
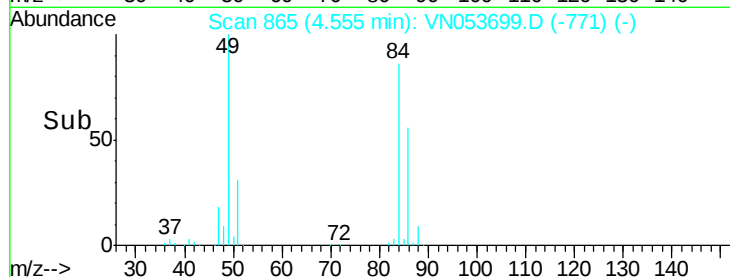
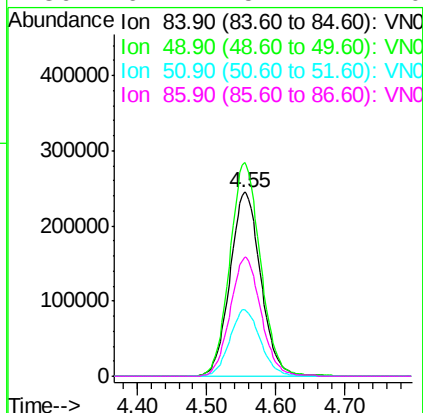
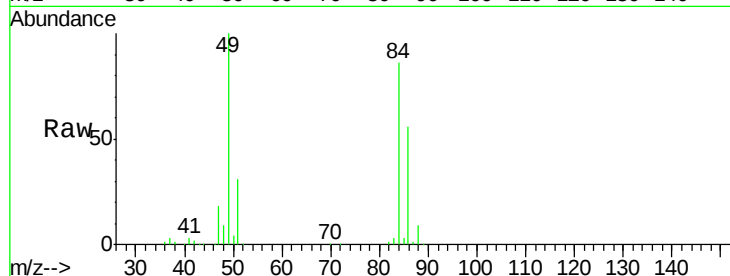




#20
Methvlene Chloride
Concen: 89.705 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053699.D
Acq: 11 Feb 2019 12:46

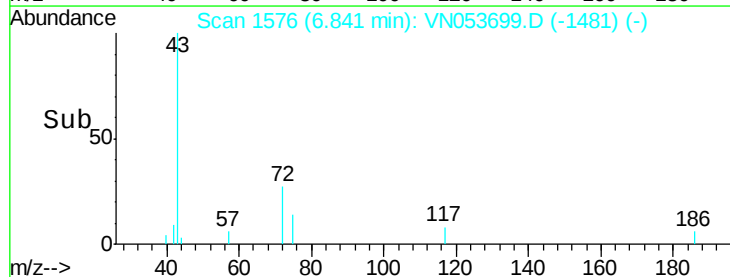
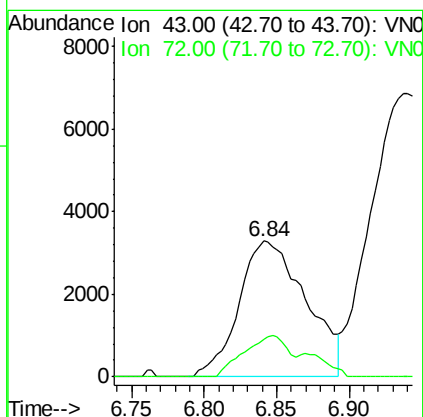
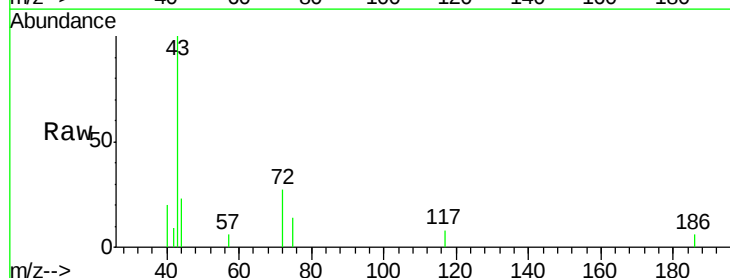
Instrument :
MSVOA_N
ClientSampleId :
SS2-RB200035

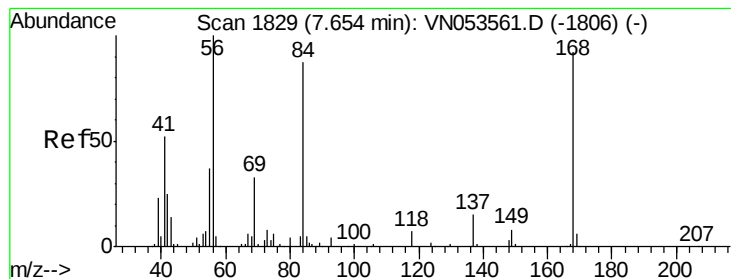
Tot Ion:	84	Resp:	757457
Ion	Ratio	Lower	Upper
84	100		
49	116.1	94.3	141.5
51	36.1	29.4	44.2
86	64.4	51.4	77.0



#25
2-Butanone
Concen: 3.693 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VN053699.D
Acq: 11 Feb 2019 12:46

Tgt Ion:	43	Resp:	10601
Ion	Ratio	Lower	Upper
43	100		
72	27.3	22.0	33.0





#31

Cyclohexane

Concen: 0.687 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN053699.D

Acq: 11 Feb 2019 12:46

Instrument :

MSVOA_N

ClientSampleId :

SS2-RB200035

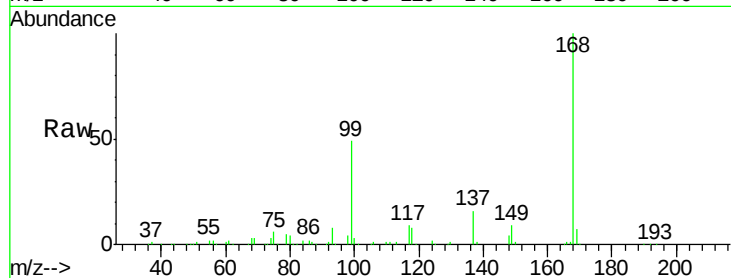
Tot Ion: 56 Resp: 11336

Ion Ratio Lower Upper

56 100

69 202.6 26.4 39.6#

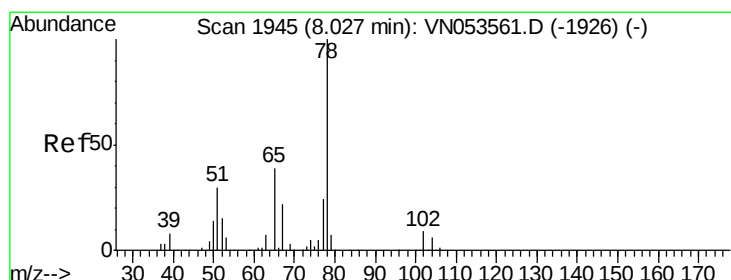
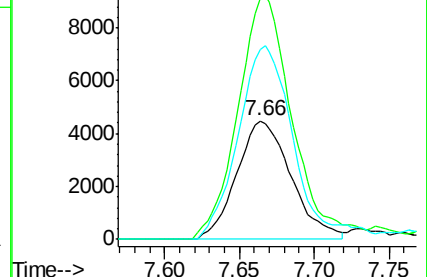
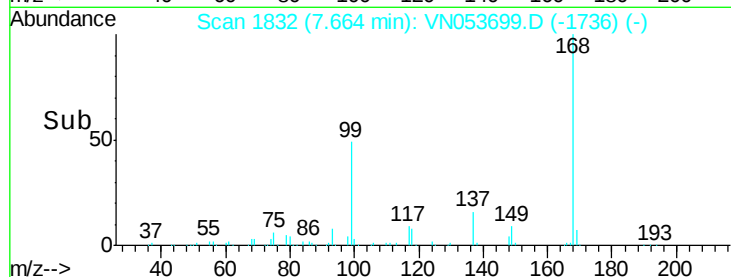
84 160.5 67.9 101.9#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 52.669 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053699.D

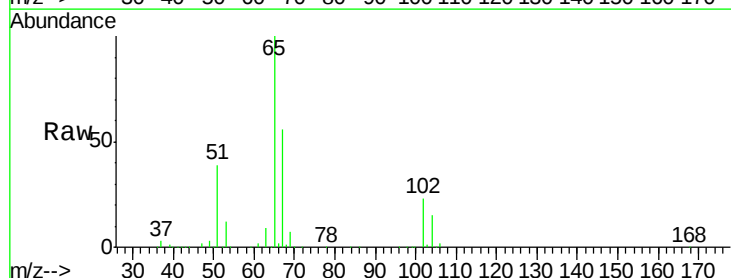
Acq: 11 Feb 2019 12:46

Tgt Ion: 65 Resp: 413270

Ion Ratio Lower Upper

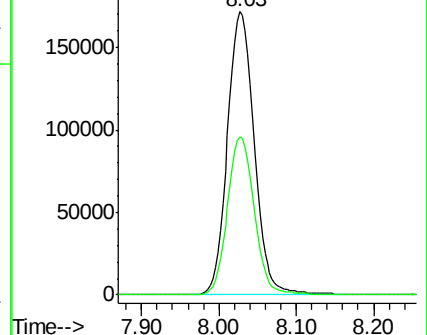
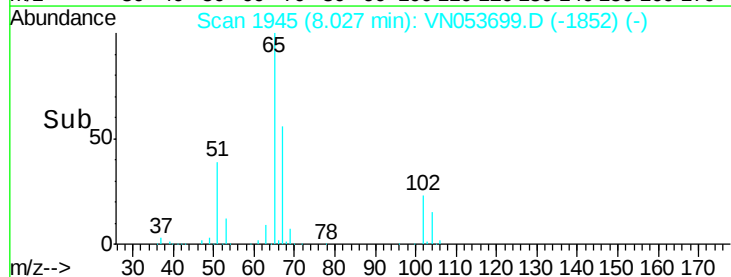
65 100

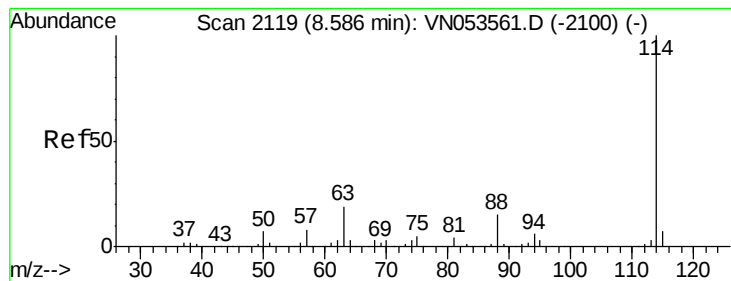
67 55.9 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053699.D

Acq: 11 Feb 2019 12:46

Instrument :

MSVOA_N

ClientSampleId :

SS2-RB200035

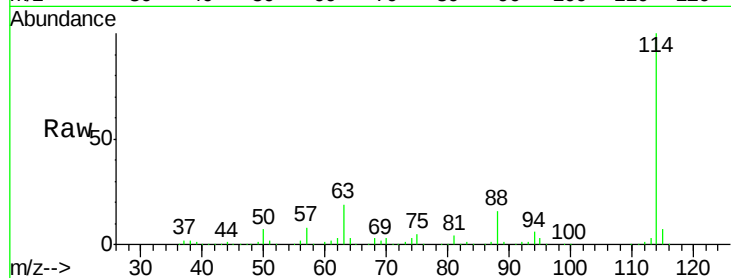
Tot Ion:114 Resp: 1290345

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.6

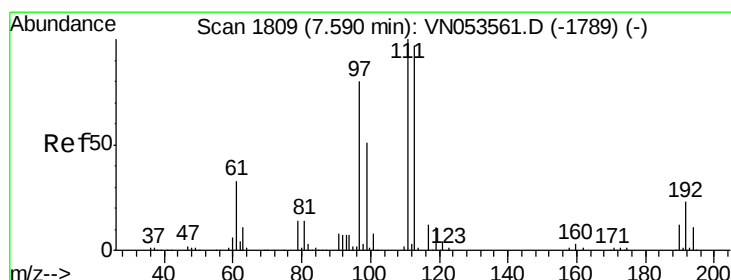
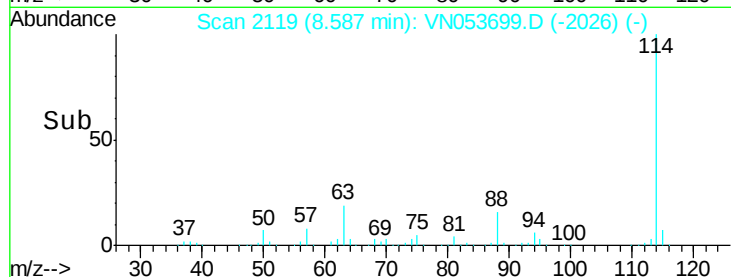
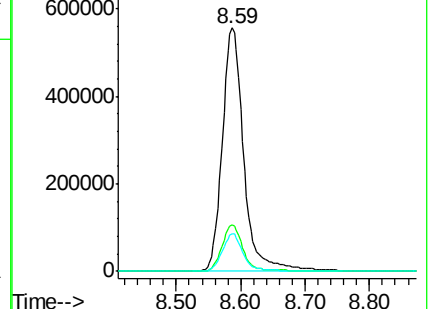
88 15.5 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 50.466 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN053699.D

Acq: 11 Feb 2019 12:46

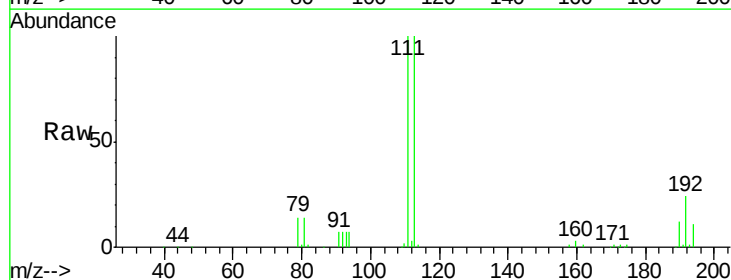
Tgt Ion:113 Resp: 411467

Ion Ratio Lower Upper

113 100

111 100.3 81.1 121.7

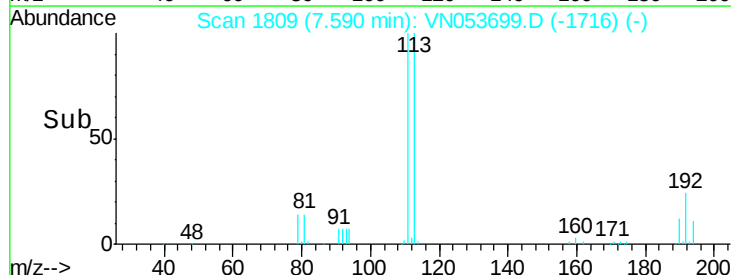
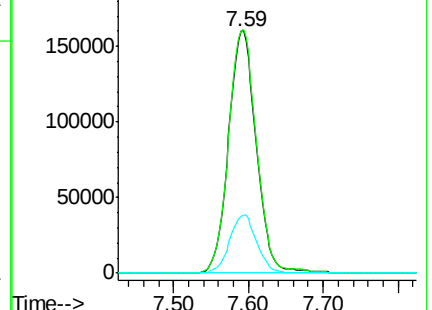
192 23.4 18.2 27.2

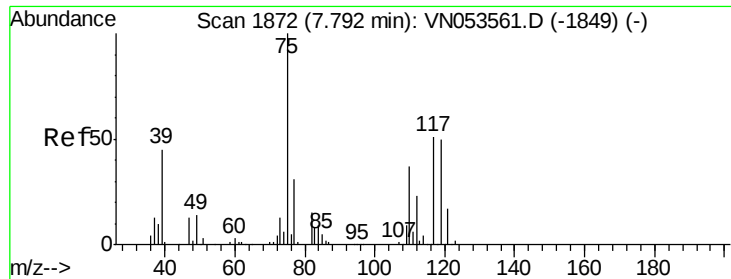


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

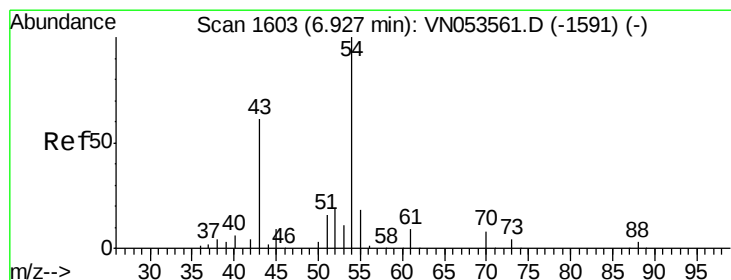
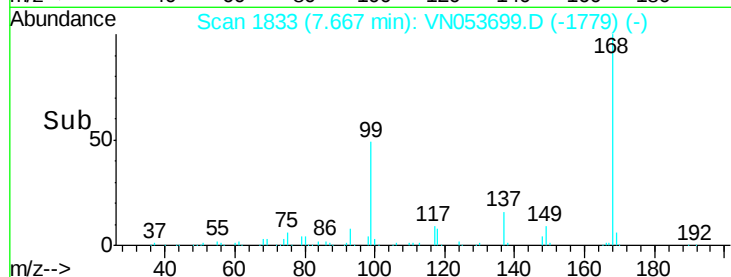
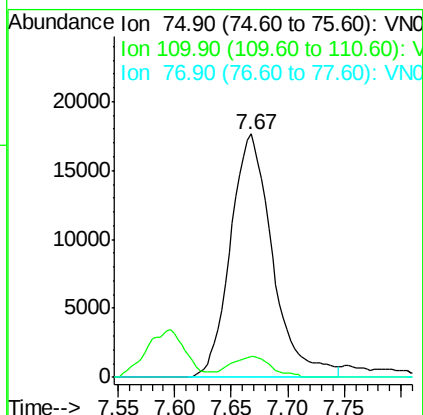
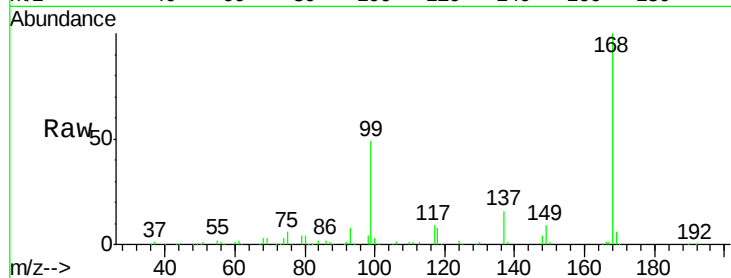




#36
 1,1-Dichloropropene
 Concen: 3.934 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN053699.D
 Acq: 11 Feb 2019 12:46

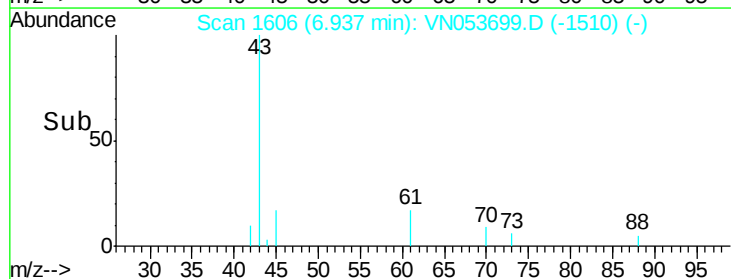
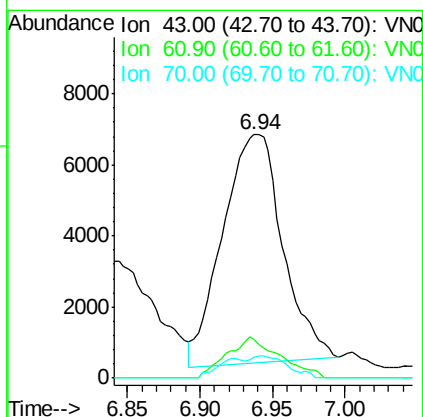
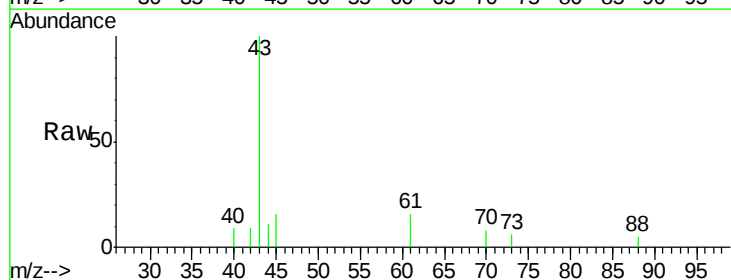
Instrument :
 MSVOA_N
 ClientSampleId :
 SS2-RB200035

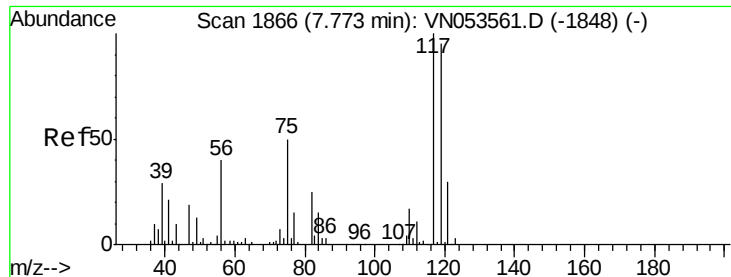
Tot Ion: 75 Resp: 45764
 Ion Ratio Lower Upper
 75 100
 110 8.1 18.1 54.3#
 77 0.0 25.1 37.7#



#37
 Ethyl Acetate
 Concen: 2.858 ug/l
 RT: 6.94 min Scan# 1606
 Delta R.T. 0.01 min
 Lab File: VN053699.D
 Acq: 11 Feb 2019 12:46

Tgt Ion: 43 Resp: 18569
 Ion Ratio Lower Upper
 43 100
 61 15.7 11.8 17.6
 70 5.6 8.6 12.8#





#38

Carbon Tetrachloride

Concen: 5.577 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053699.D

Acq: 11 Feb 2019 12:46

Instrument :

MSVOA_N

ClientSampleId :

SS2-RB200035

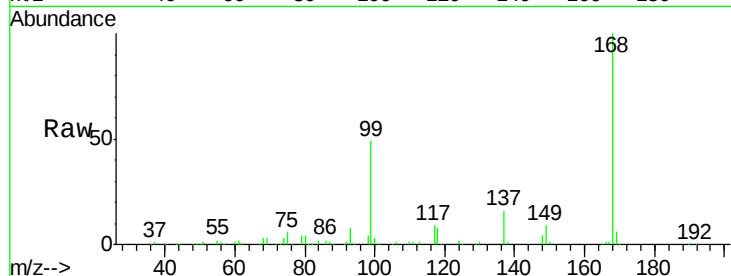
Tot Ion:117 Resp: 65352

Ion Ratio Lower Upper

117 100

119 5.3 77.2 115.8#

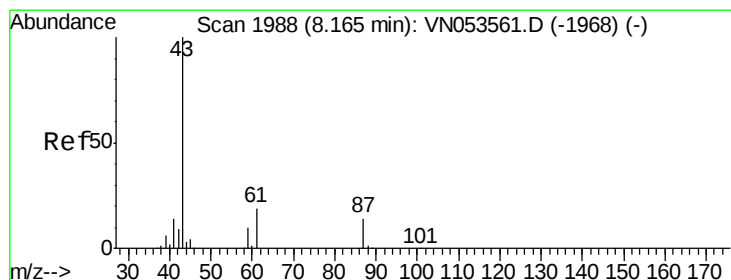
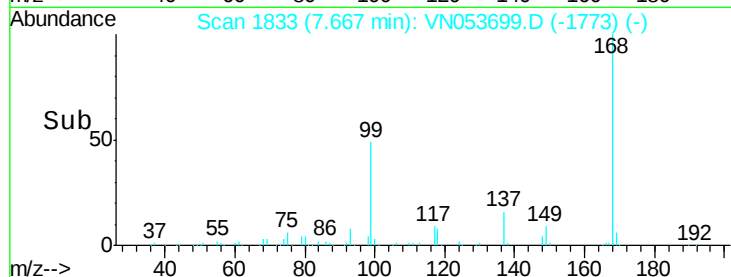
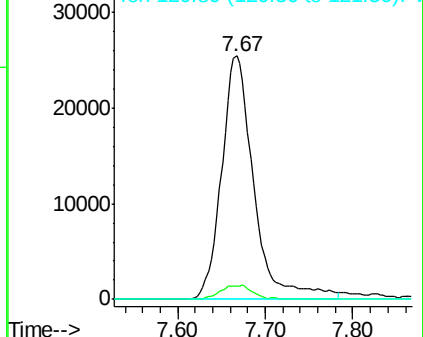
121 0.0 24.6 37.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 16.917 ug/l

RT: 8.33 min Scan# 2039

Delta R.T. 0.16 min

Lab File: VN053699.D

Acq: 11 Feb 2019 12:46

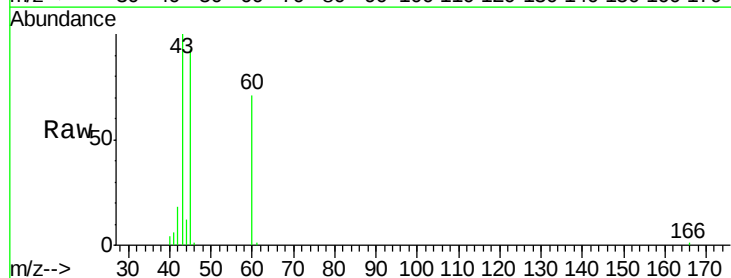
Tgt Ion: 43 Resp: 212237

Ion Ratio Lower Upper

43 100

61 0.0 23.9 35.9#

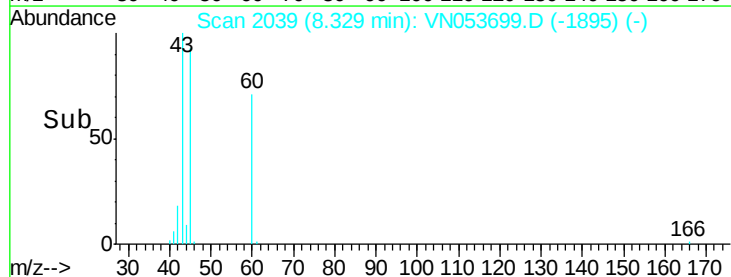
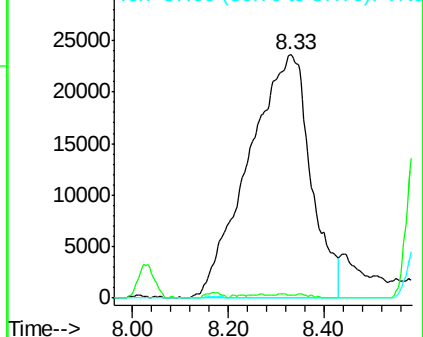
87 0.0 11.0 16.6#

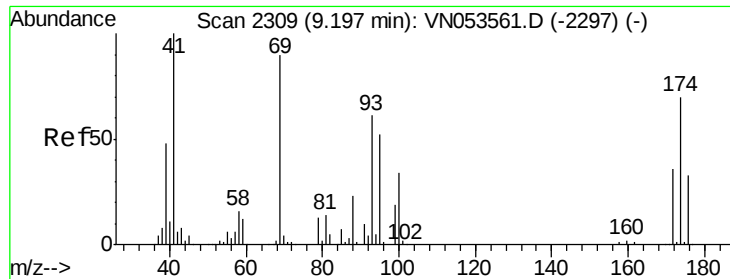


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

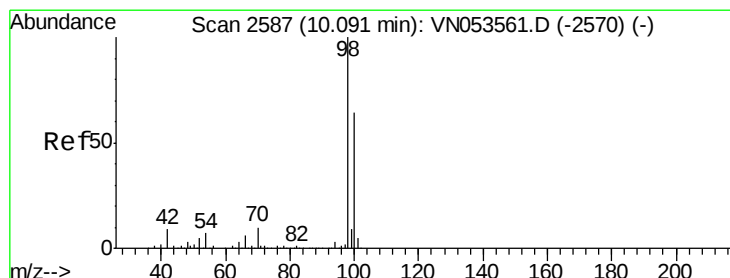
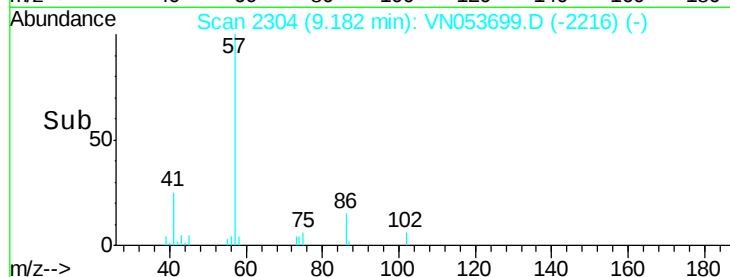
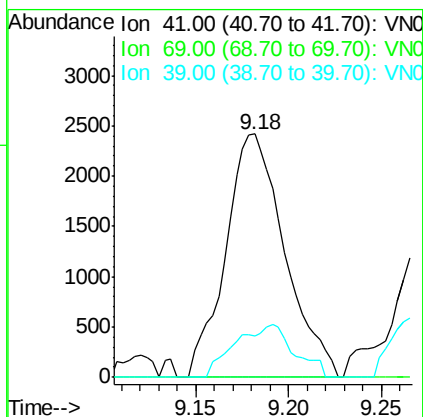
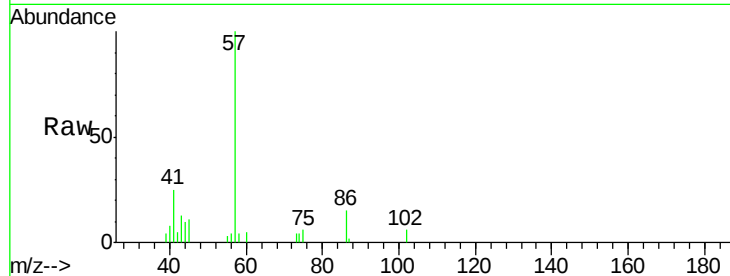




#48
Methvl methacrvlate
Concen: 0.893 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN053699.D
Acq: 11 Feb 2019 12:46

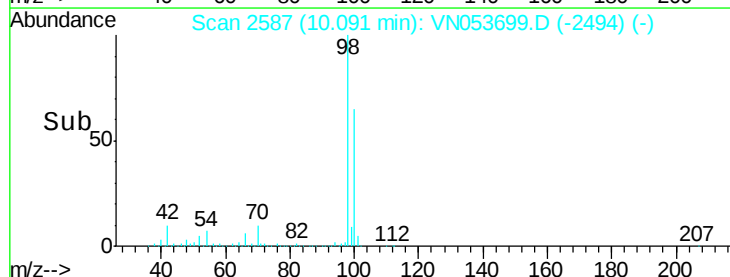
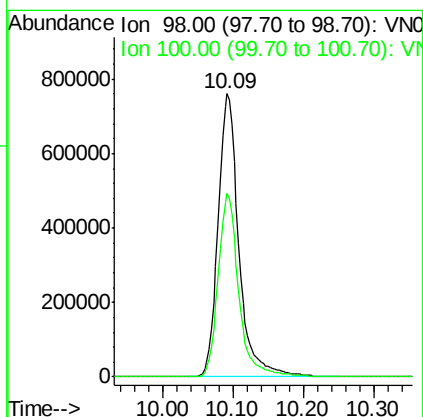
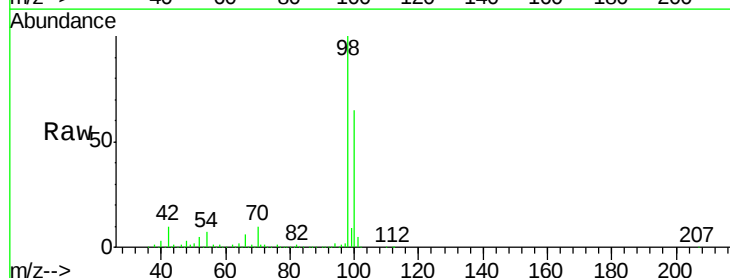
Instrument :
MSVOA_N
ClientSampleId :
SS2-RB200035

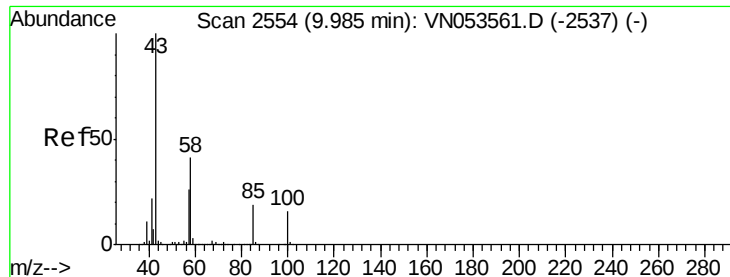
Tot Ion: 41 Resp: 5348
Ion Ratio Lower Upper
41 100
69 0.0 73.8 110.6#
39 21.6 40.0 60.0#



#50
Toluene-d8
Concen: 50.908 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053699.D
Acq: 11 Feb 2019 12:46

Tgt Ion: 98 Resp: 1558511
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 1.439 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN053699.D

Acq: 11 Feb 2019 12:46

Instrument :

MSVOA_N

ClientSampleId :

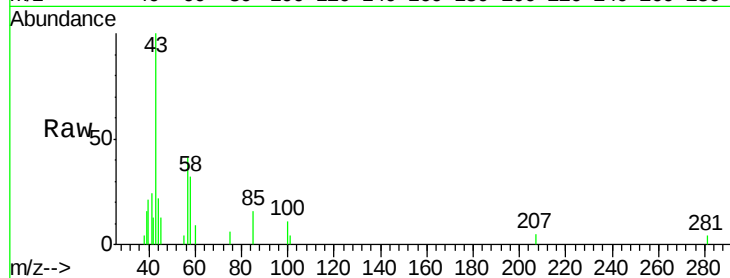
SS2-RB200035

Tot Ion: 43 Resp: 8872

Ion Ratio Lower Upper

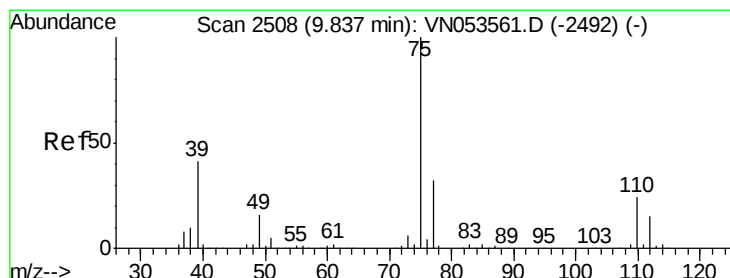
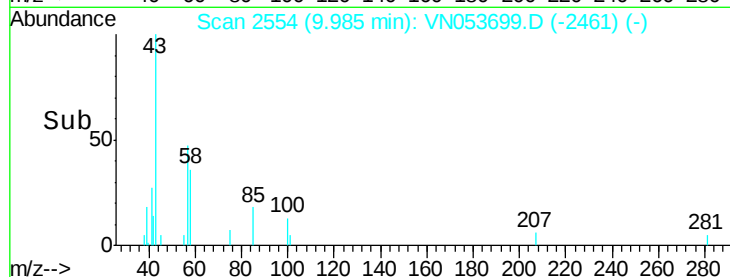
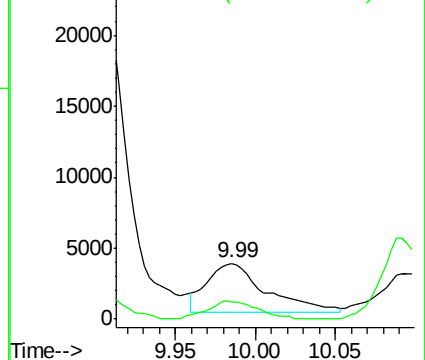
43 100

58 30.6 32.8 49.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 1.983 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN053699.D

Acq: 11 Feb 2019 12:46

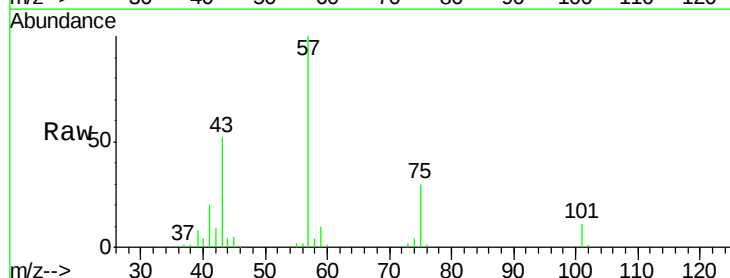
Tgt Ion: 75 Resp: 27063

Ion Ratio Lower Upper

75 100

77 0.0 25.8 38.6#

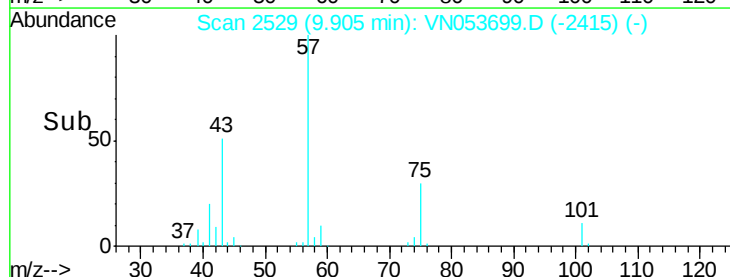
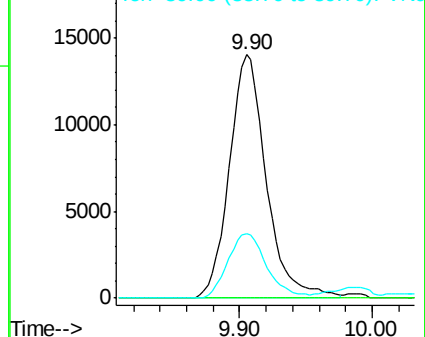
39 26.5 33.4 50.0#

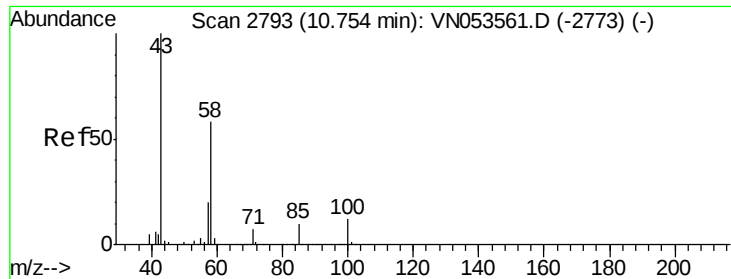


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

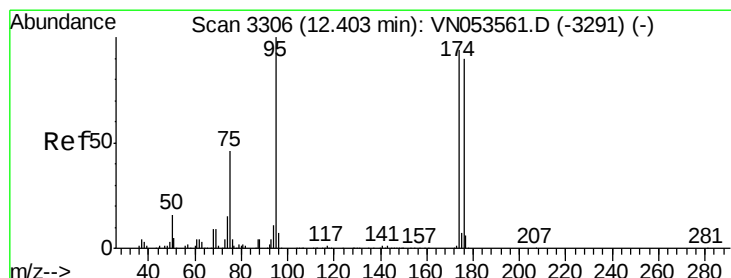
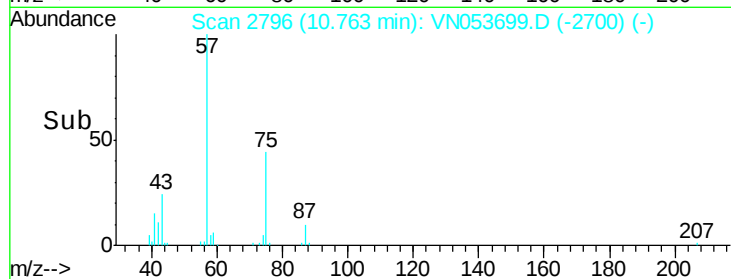
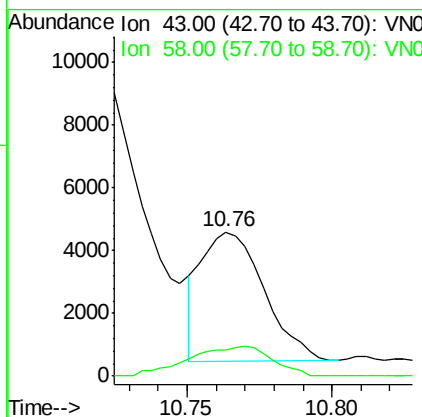
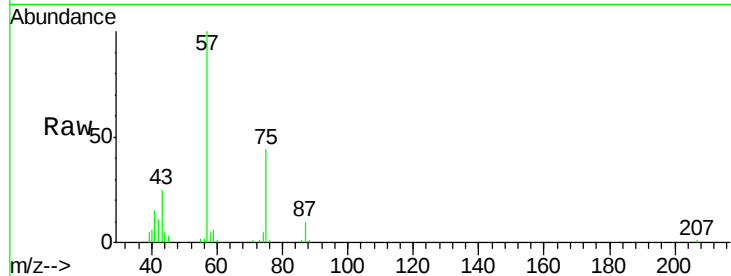




#59
2-Hexanone
Concen: 1.486 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN053699.D
Acq: 11 Feb 2019 12:46

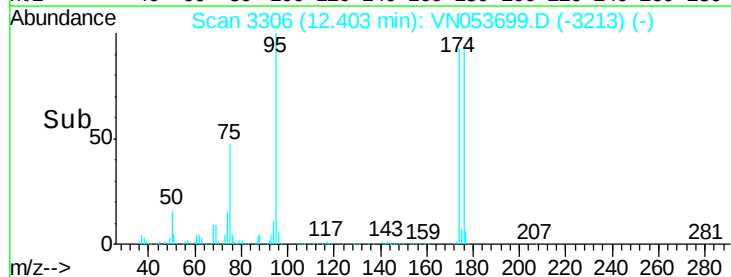
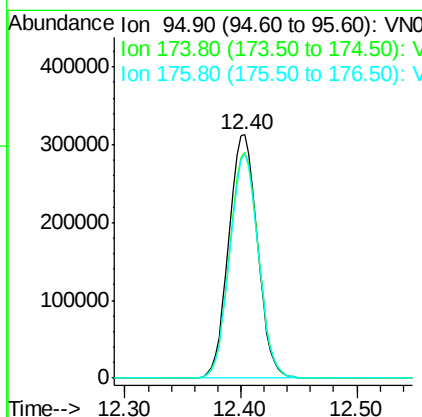
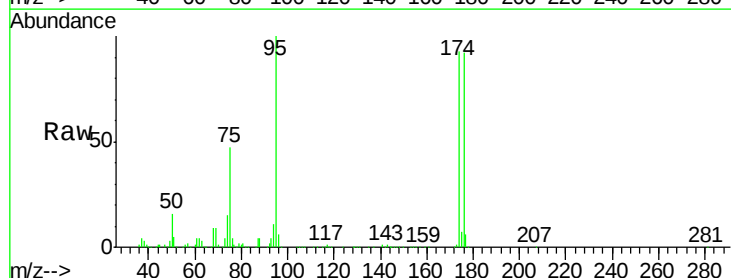
Instrument :
MSVOA_N
ClientSampleId :
SS2-RB200035

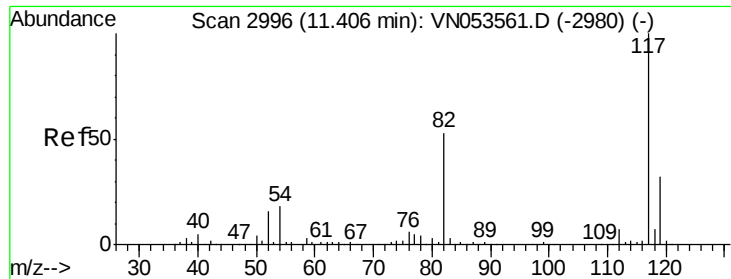
Tot Ion: 43 Resp: 6219
Ion Ratio Lower Upper
43 100
58 30.5 28.6 85.8



#62
4-Bromofluorobenzene
Concen: 52.409 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053699.D
Acq: 11 Feb 2019 12:46

Tgt Ion: 95 Resp: 535117
Ion Ratio Lower Upper
95 100
174 93.0 0.0 183.2
176 91.4 0.0 177.4

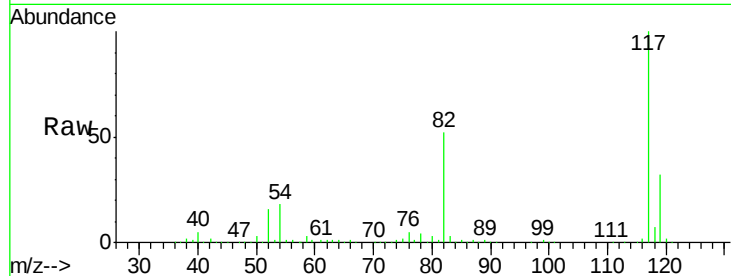




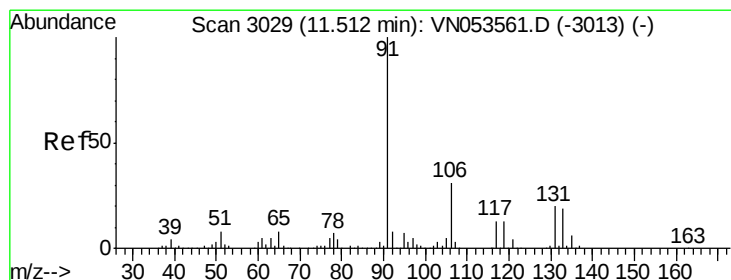
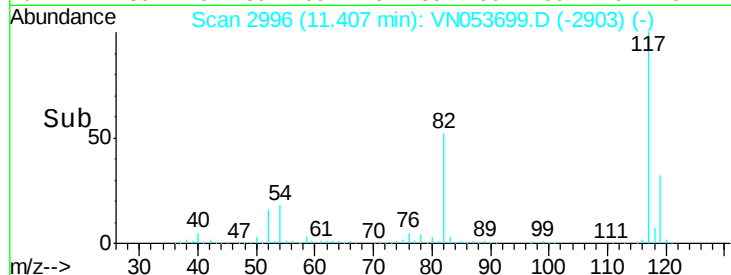
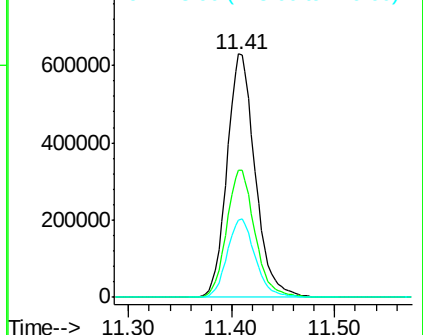
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053699.D
Acq: 11 Feb 2019 12:46

Instrument :
MSVOA_N
ClientSampleId :
SS2-RB200035

Tot Ion:117 Resp: 1198507
Ion Ratio Lower Upper
117 100
82 52.4 42.9 64.3
119 31.8 26.0 39.0

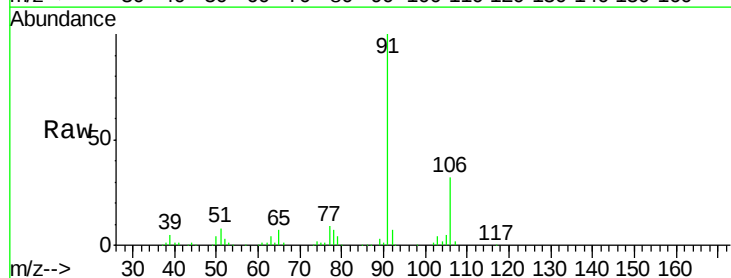


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VNO
Ion 118.90 (118.60 to 119.60): V

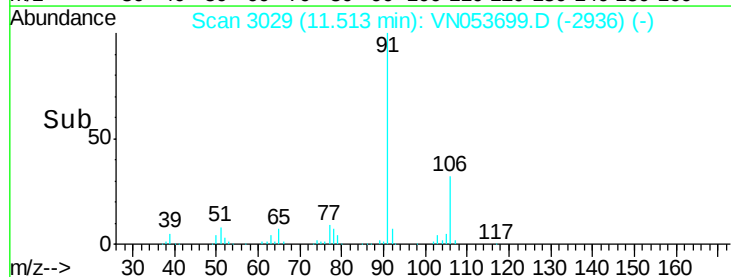
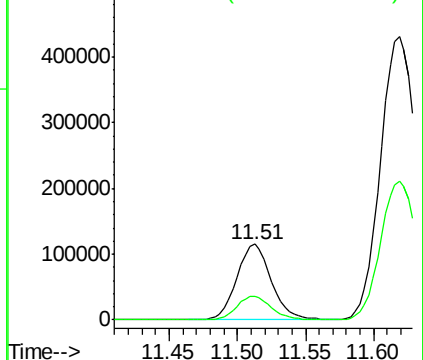


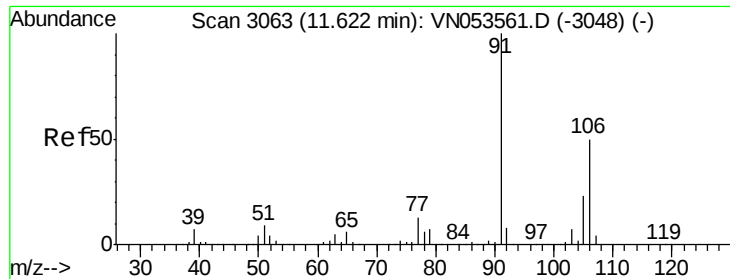
#67
Ethyl Benzene
Concen: 4.862 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053699.D
Acq: 11 Feb 2019 12:46

Tgt Ion: 91 Resp: 203335
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.6



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

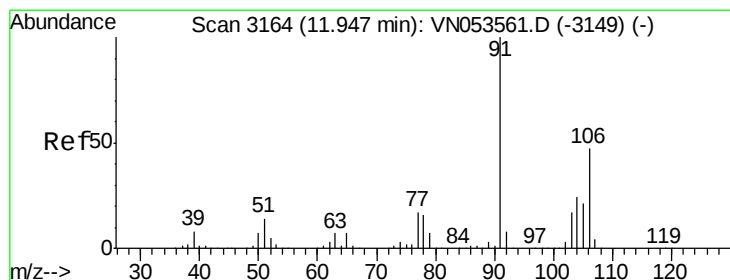
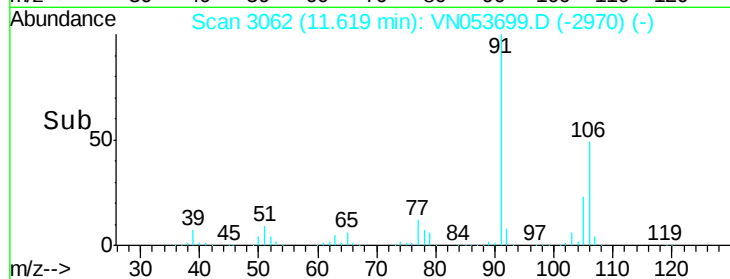
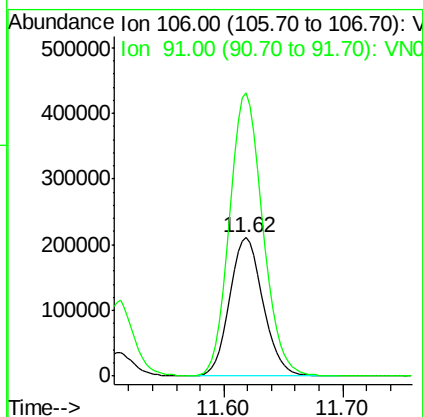
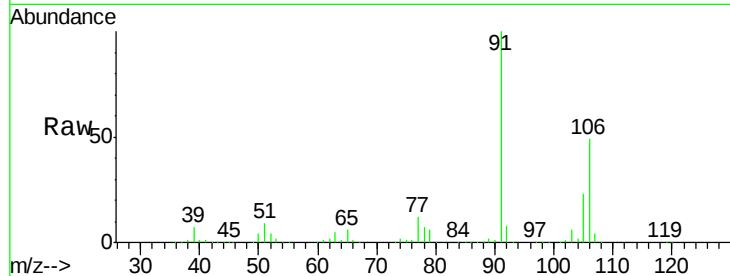




#68
m/p-Xylenes
Concen: 25.779 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053699.D
Acq: 11 Feb 2019 12:46

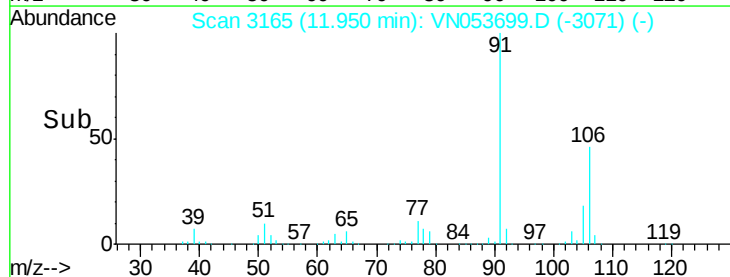
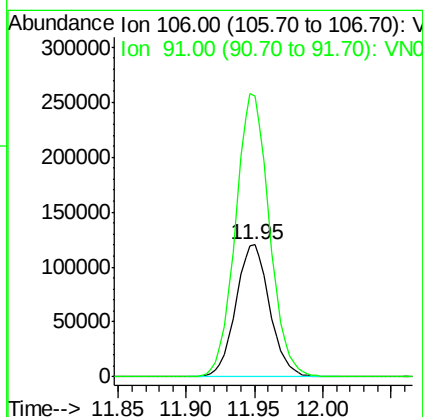
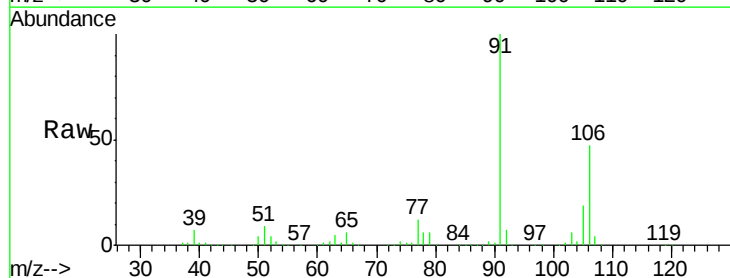
Instrument :
MSVOA_N
ClientSampleId :
SS2-RB200035

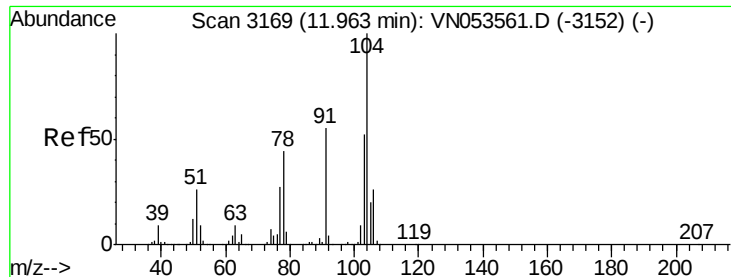
Tot Ion:106 Resp: 411450
Ion Ratio Lower Upper
106 100
91 203.4 161.4 242.2



#69
o-Xylene
Concen: 13.413 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053699.D
Acq: 11 Feb 2019 12:46

Tgt Ion:106 Resp: 206822
Ion Ratio Lower Upper
106 100
91 214.6 106.9 320.8





#70

Stvrene

Concen: 0.463 ug/l

RT: 11.95 min Scan# 3165

Delta R.T. -0.01 min

Lab File: VN053699.D

Acq: 11 Feb 2019 12:46

Instrument :

MSVOA_N

ClientSampleId :

SS2-RB200035

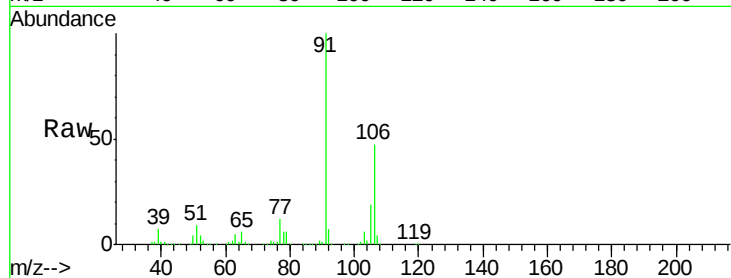
Tot Ion:104 Resp: 11580

Ion Ratio Lower Upper

104 100

78 246.7 38.2 57.2#

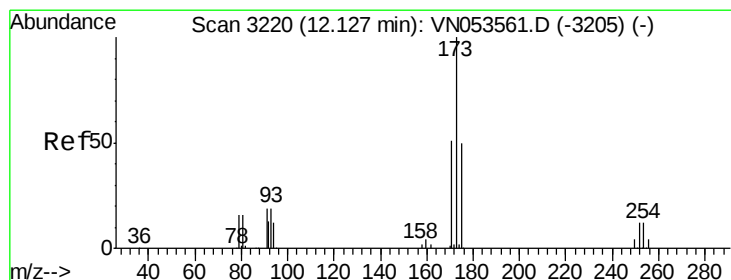
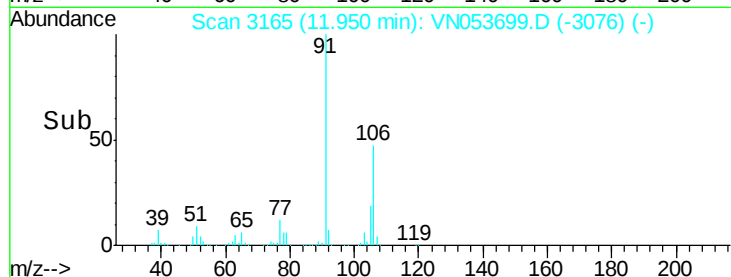
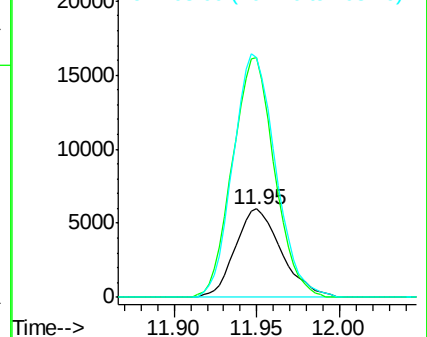
103 253.8 44.4 66.6#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.611 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN053699.D

Acq: 11 Feb 2019 12:46

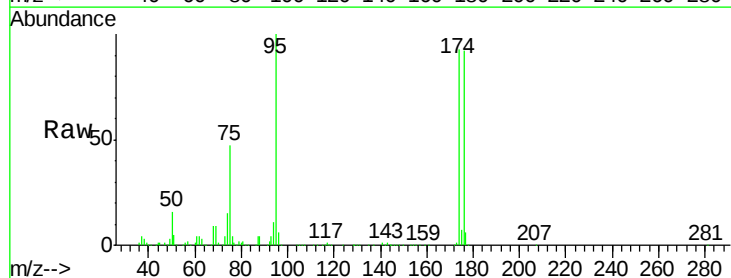
Tgt Ion:173 Resp: 3725

Ion Ratio Lower Upper

173 100

175 864.8 24.6 74.0#

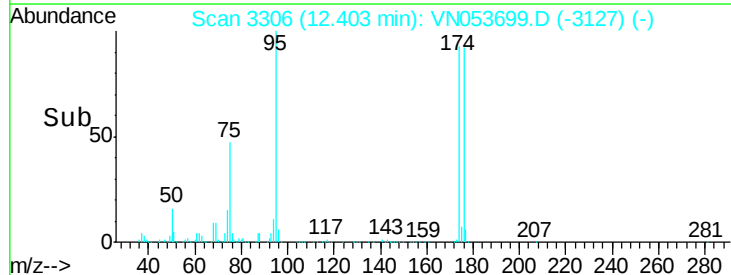
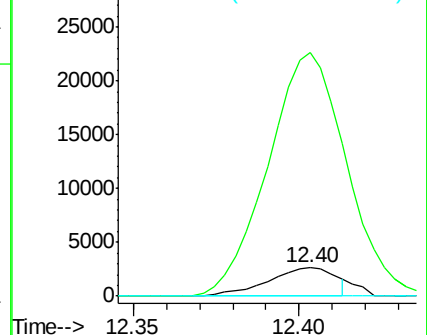
254 0.0 0.2 0.2#

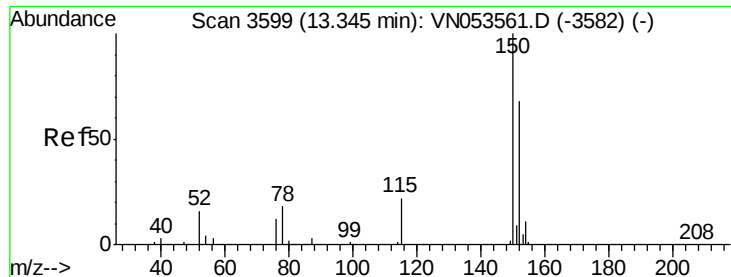


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053699.D

Acq: 11 Feb 2019 12:46

Instrument :

MSVOA_N

ClientSampleId :

SS2-RB200035

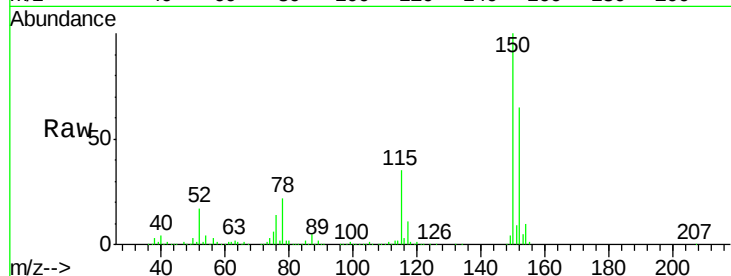
Tot Ion:152 Resp: 522870

Ion Ratio Lower Upper

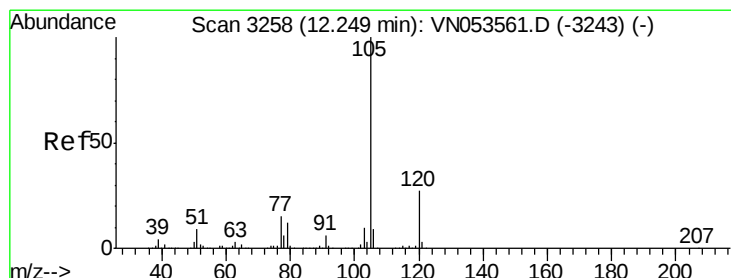
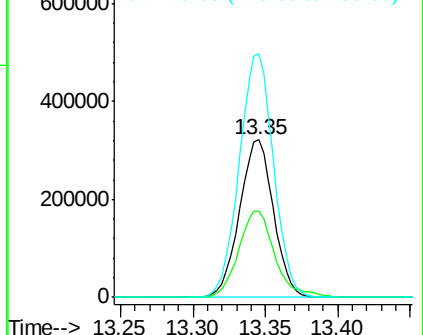
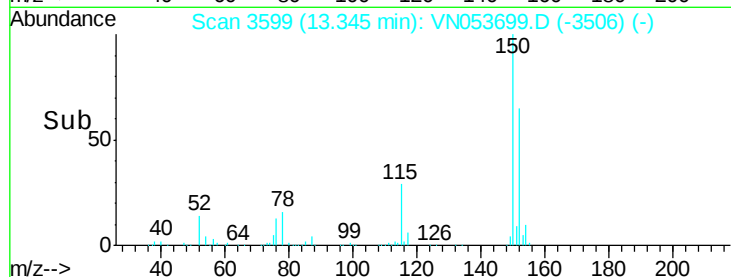
152 100

115 58.2 27.8 83.4

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



#73

Isopropylbenzene

Concen: 0.253 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053699.D

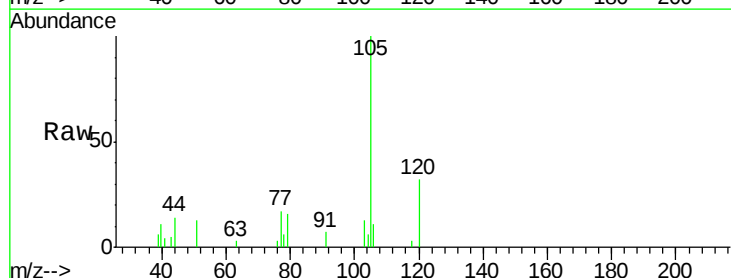
Acq: 11 Feb 2019 12:46

Tgt Ion:105 Resp: 9286

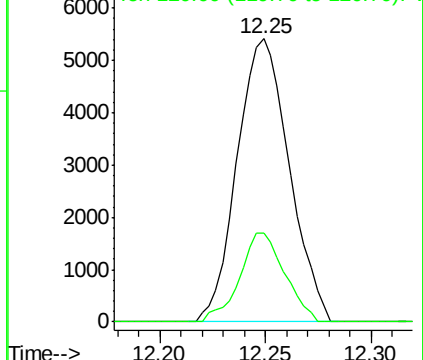
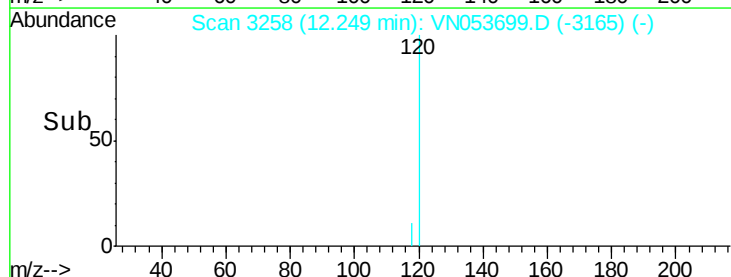
Ion Ratio Lower Upper

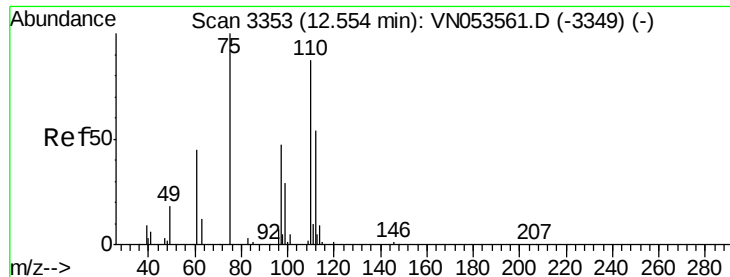
105 100

120 27.1 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

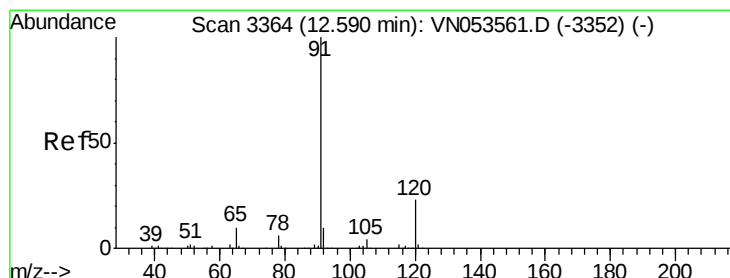
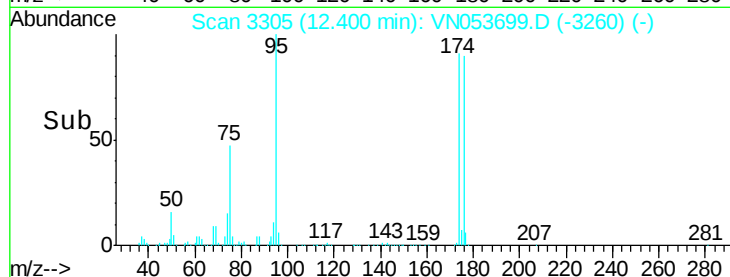
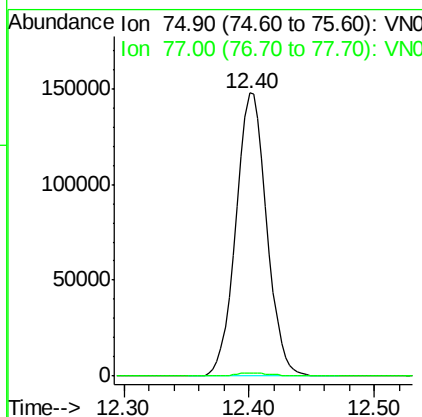
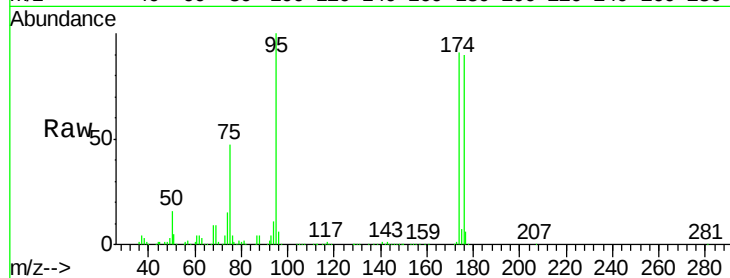




#76
 1,2,3-Trichloropropane
 Concen: 37.421 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN053699.D
 Acq: 11 Feb 2019 12:46

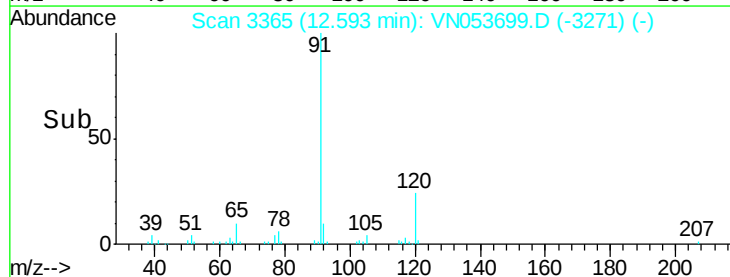
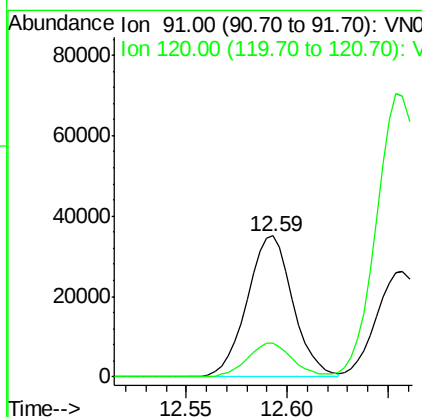
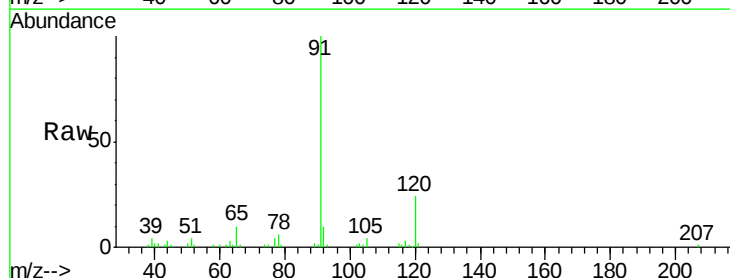
Instrument :
 MSVOA_N
 ClientSampleId :
 SS2-RB200035

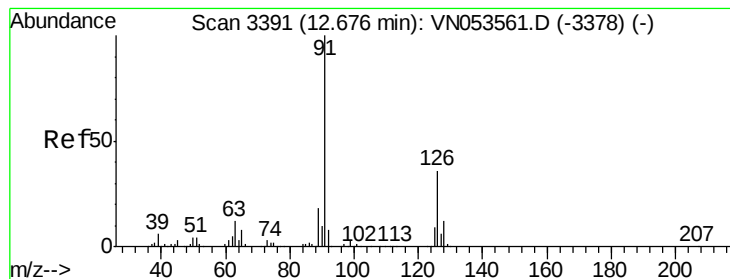
Tot Ion: 75 Resp: 251315
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#78
 n-propylbenzene
 Concen: 1.310 ug/l
 RT: 12.59 min Scan# 3365
 Delta R.T. 0.00 min
 Lab File: VN053699.D
 Acq: 11 Feb 2019 12:46

Tgt Ion: 91 Resp: 55667
 Ion Ratio Lower Upper
 91 100
 120 23.7 11.9 35.5





#79

2-Chlorotoluene

Concen: 1.664 ug/l

RT: 12.66 min Scan# 3385

Delta R.T. -0.02 min

Lab File: VN053699.D

Acq: 11 Feb 2019 12:46

Instrument :

MSVOA_N

ClientSampleId :

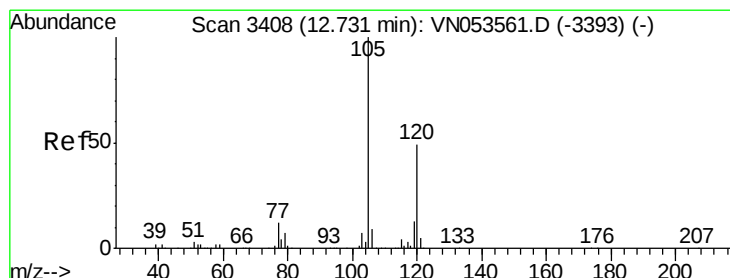
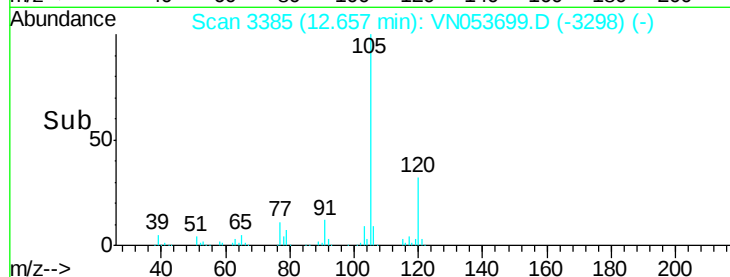
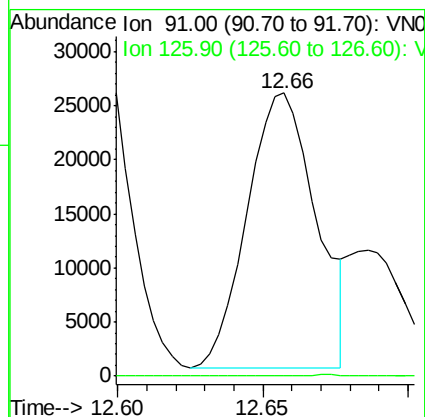
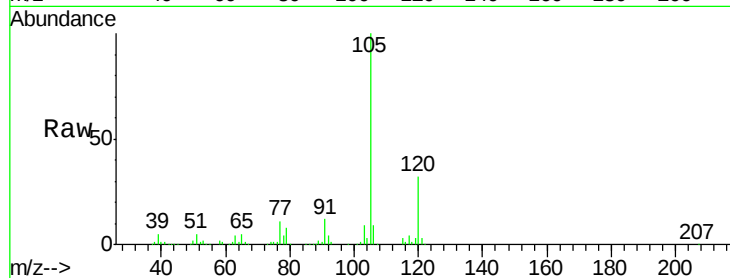
SS2-RB200035

Tot Ion: 91 Resp: 41959

Ion Ratio Lower Upper

91 100

126 0.1 17.9 53.7#



#80

1,3,5-Trimethylbenzene

Concen: 8.075 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053699.D

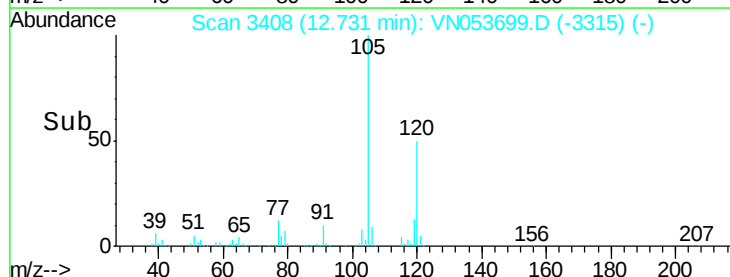
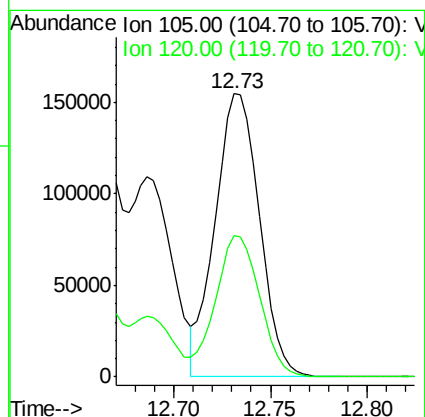
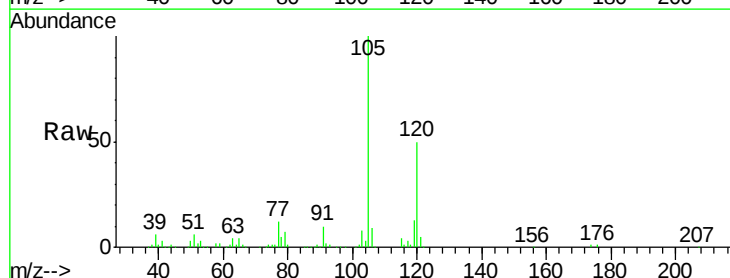
Acq: 11 Feb 2019 12:46

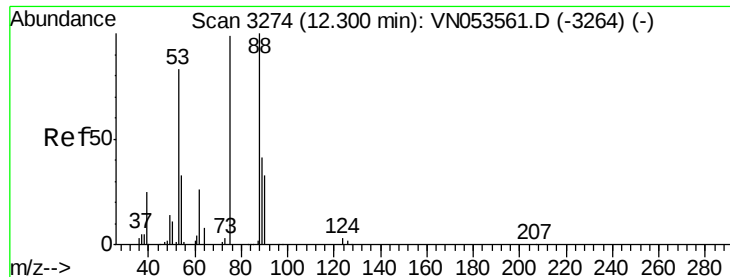
Tgt Ion: 105 Resp: 246116

Ion Ratio Lower Upper

105 100

120 49.8 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 105.224 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053699.D

Acq: 11 Feb 2019 12:46

Instrument :

MSVOA_N

ClientSampleId :

SS2-RB200035

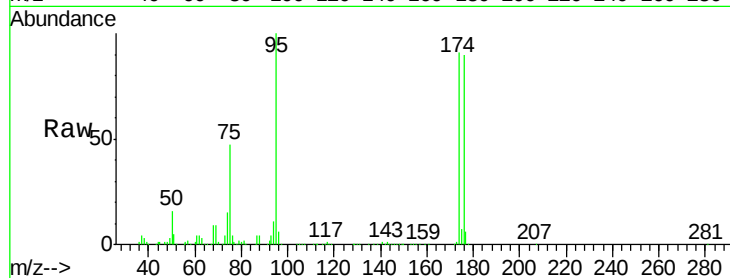
Tot Ion: 75 Resp: 251315

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.6#

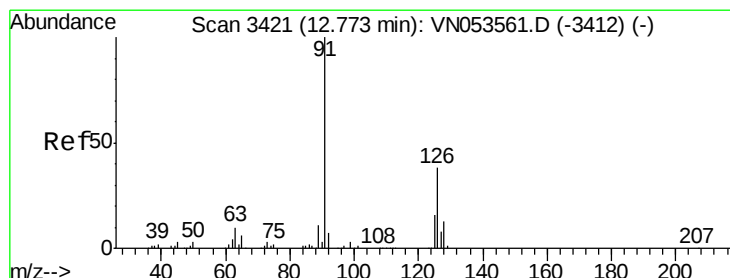
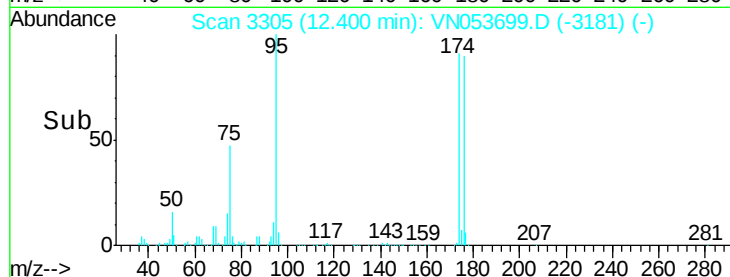
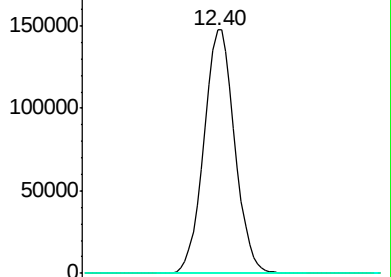
89 0.0 35.6 53.4#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 0.984 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.04 min

Lab File: VN053699.D

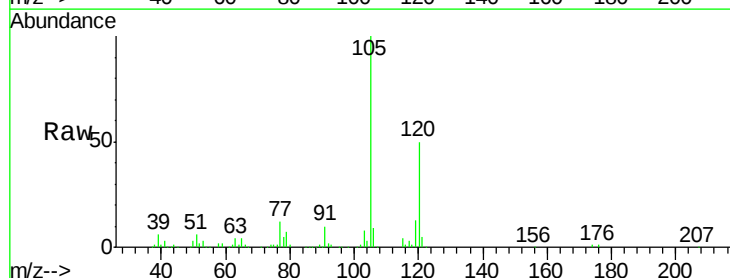
Acq: 11 Feb 2019 12:46

Tgt Ion: 91 Resp: 25462

Ion Ratio Lower Upper

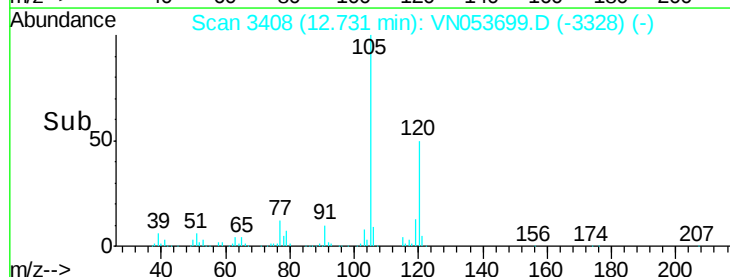
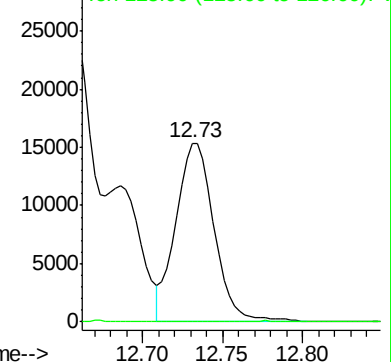
91 100

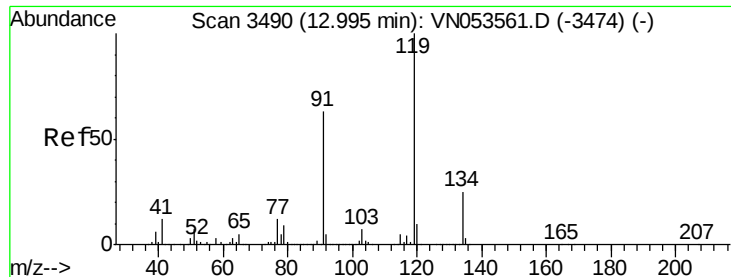
126 0.0 17.6 52.9#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

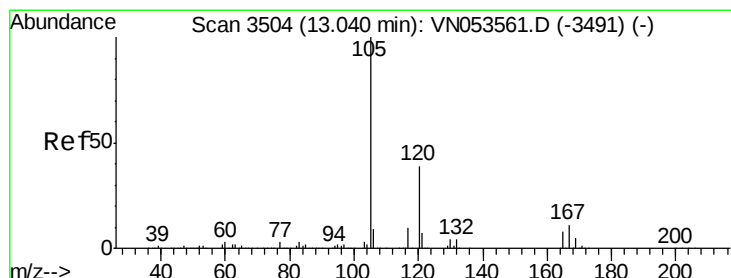
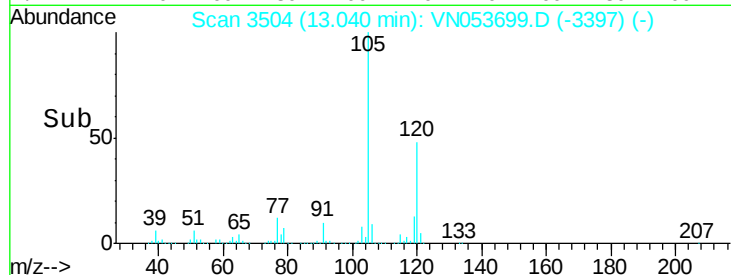
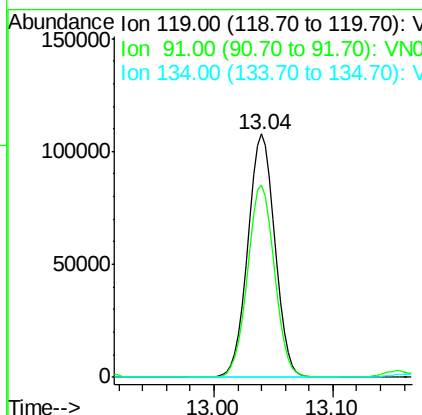
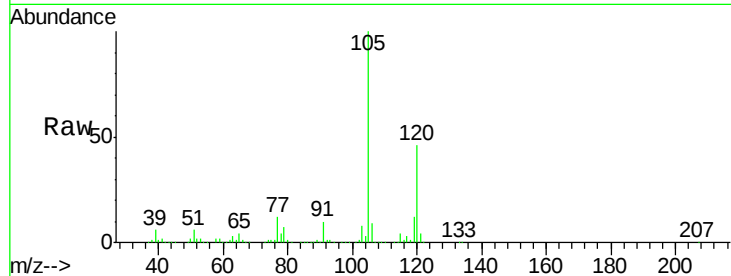




#83
 tert-Butylbenzene
 Concen: 6.302 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.05 min
 Lab File: VN053699.D
 Acq: 11 Feb 2019 12:46

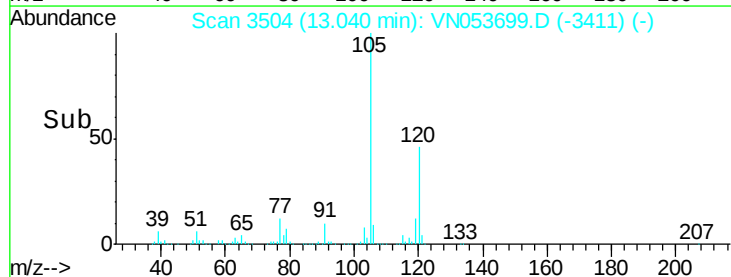
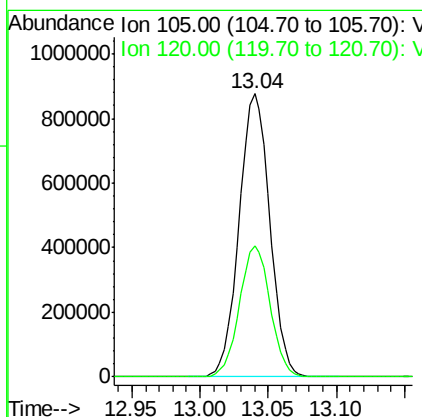
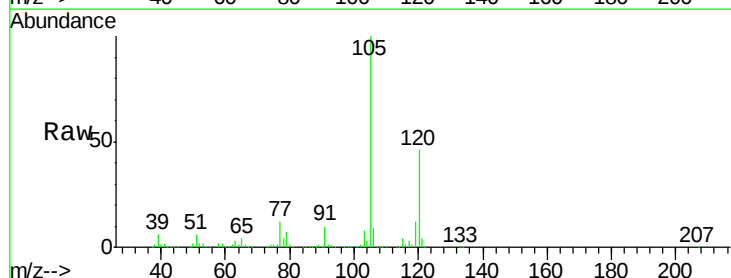
Instrument :
 MSVOA_N
 ClientSampled :
 SS2-RB200035

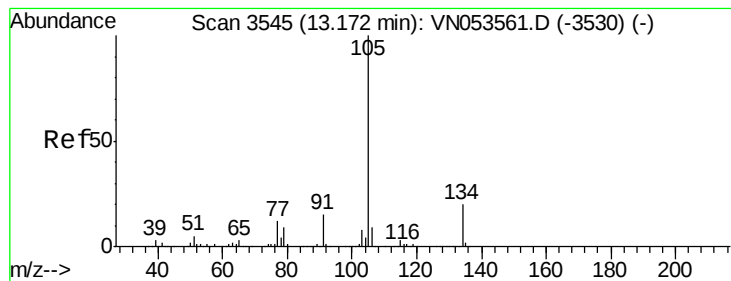
Tot Ion:119 Resp: 169785
 Ion Ratio Lower Upper
 119 100
 91 78.8 31.3 93.8
 134 0.2 12.9 38.7#



#84
 1,2,4-Trimethylbenzene
 Concen: 44.087 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053699.D
 Acq: 11 Feb 2019 12:46

Tgt Ion:105 Resp: 1369087
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.0 69.0





#85

sec-Butylbenzene

Concen: 37.346 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.13 min

Lab File: VN053699.D

Acq: 11 Feb 2019 12:46

Instrument :

MSVOA_N

ClientSampleId :

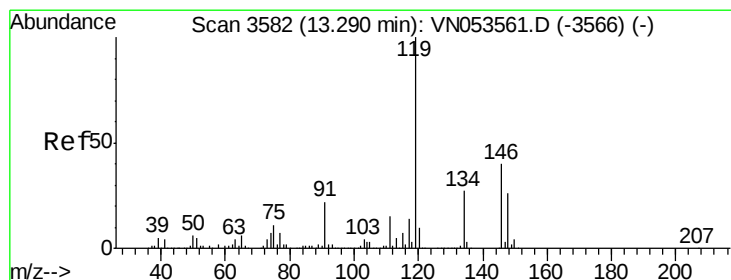
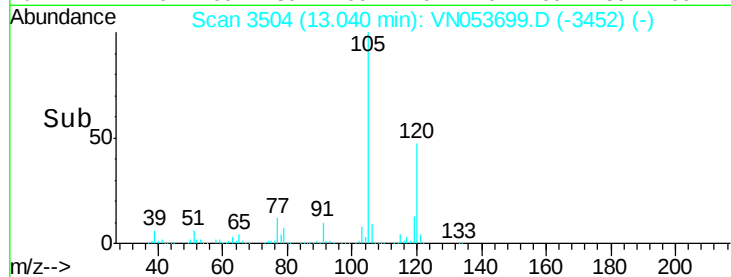
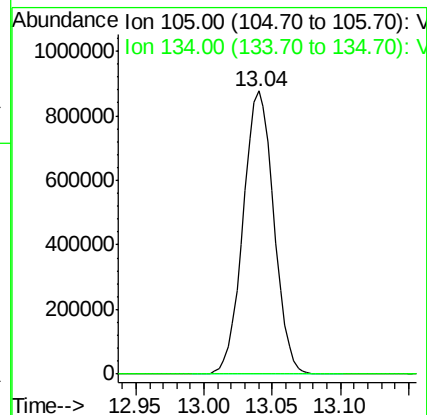
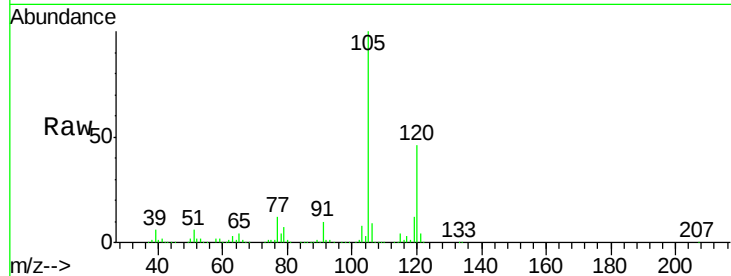
SS2-RB200035

Tot Ion:105 Resp: 1369087

Ion Ratio Lower Upper

105 100

134 0.0 10.2 30.6#



#86

p-Isopropyltoluene

Concen: 0.604 ug/l

RT: 13.23 min Scan# 3564

Delta R.T. -0.06 min

Lab File: VN053699.D

Acq: 11 Feb 2019 12:46

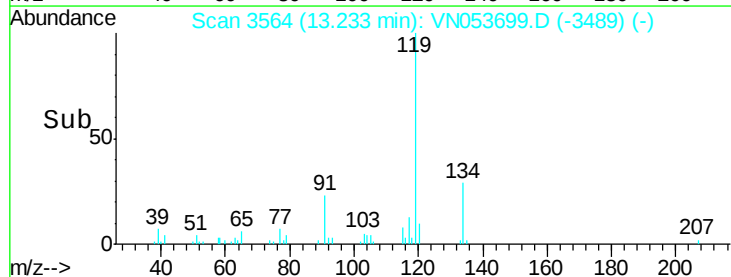
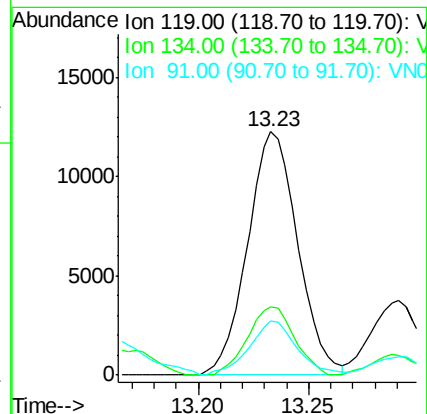
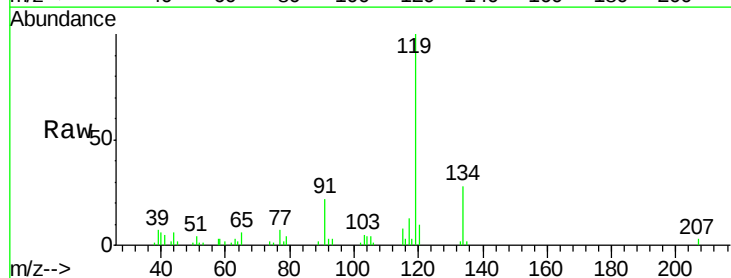
Tgt Ion:119 Resp: 19376

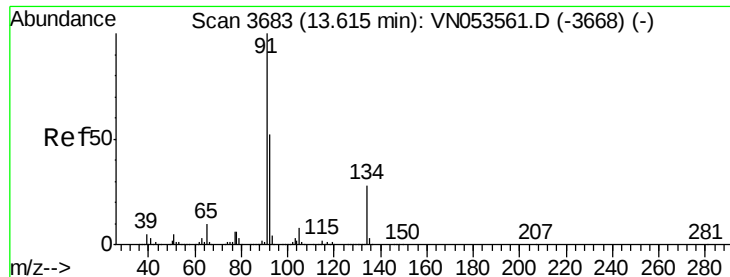
Ion Ratio Lower Upper

119 100

134 26.3 13.5 40.4

91 21.6 11.0 33.0





#89

n-Butylbenzene

Concen: 0.626 ug/l

RT: 13.58 min Scan# 3673

Delta R.T. -0.03 min

Lab File: VN053699.D

Acq: 11 Feb 2019 12:46

Instrument :

MSVOA_N

ClientSampled :

SS2-RB200035

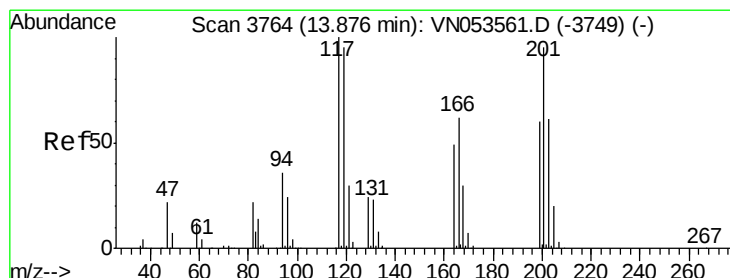
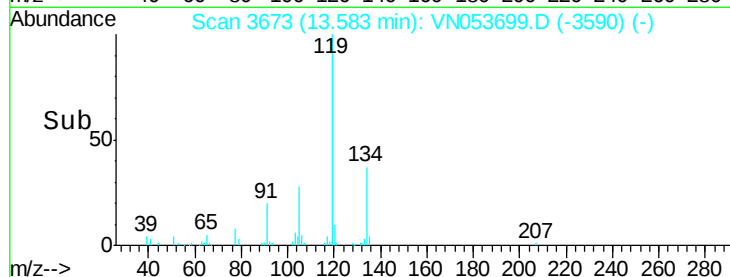
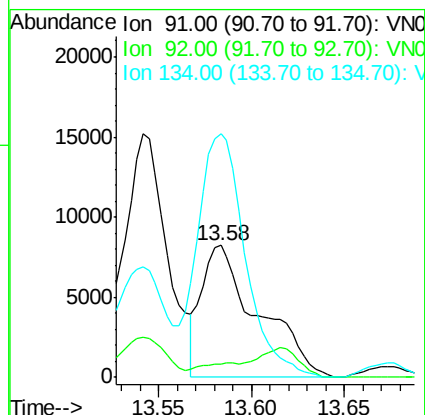
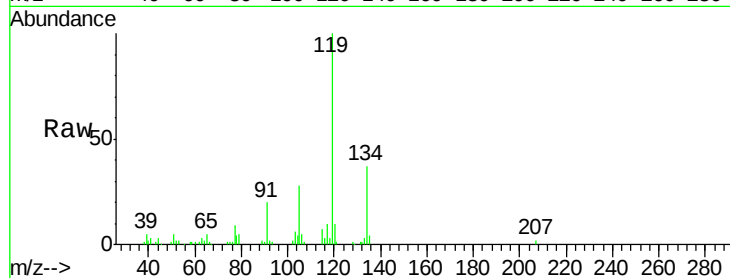
Tot Ion: 91 Resp: 17377

Ion Ratio Lower Upper

91 100

92 7.7 26.3 78.8#

134 159.8 13.5 40.5#



#90

Hexachloroethane

Concen: 0.883 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN053699.D

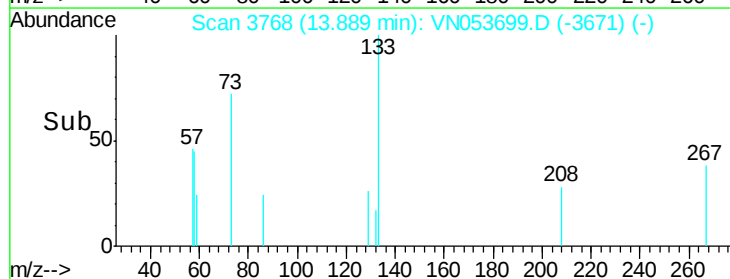
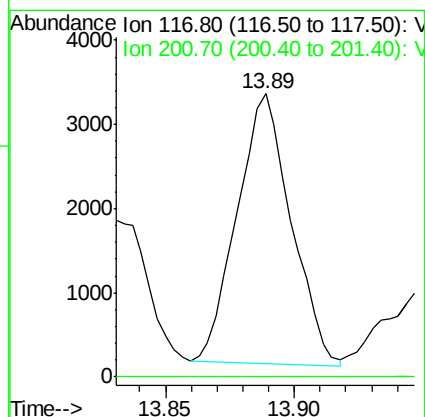
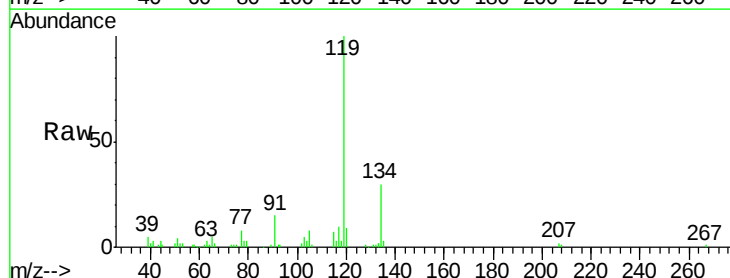
Acq: 11 Feb 2019 12:46

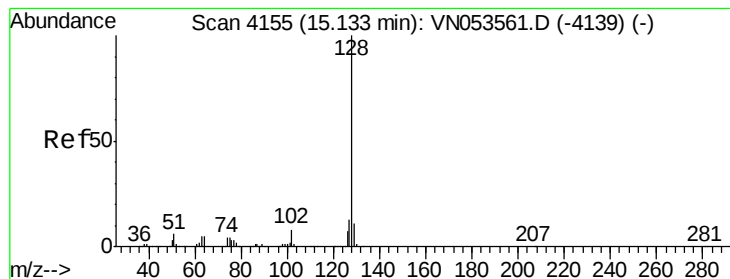
Tgt Ion: 117 Resp: 4668

Ion Ratio Lower Upper

117 100

201 0.0 46.8 140.4#





#95

Naphthalene

Concen: 3.468 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053699.D

Acq: 11 Feb 2019 12:46

Instrument :

MSVOA_N

ClientSampleId :

SS2-RB200035

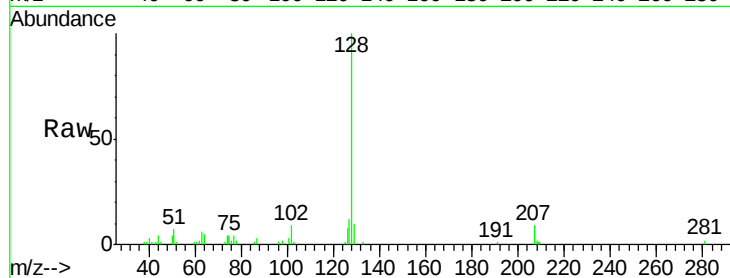
Tot Ion:128 Resp: 41200

Ion Ratio Lower Upper

128 100

127 12.3 10.3 15.5

129 11.2 8.6 13.0



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

